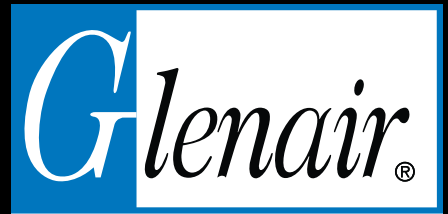


MISSION-CRITICAL
INTERCONNECT
SOLUTIONS



CIRCULAR

Connector Backshells and Accessories

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Easy-to-use manual tools with built-in calibration counter



High-volume pneumatic tool for bench use



Save time and tool maintenance costs with the Glenair band tool calibration system

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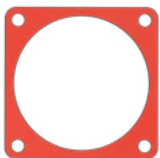
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GLENAIR

3D Parts Models

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Reference Guides

Material and Finish Codes

Glenair Accessory Material and Finish Code Performance

Code	Material	Finish	Specification	Salt Spray Hours	Temperature Range (°C)	Conductive Yes/No	RoHS Yes/No
C	Aluminum	Anodize, Black	AMS-A-8625	500	-65 to +200	No	Yes
G2	Aluminum	Anodize, Hardcoat, Undyed	AMS-A-8625	500	-65 to +200	No	Yes
M	Aluminum	Electroless Nickel	AMS-C-26074	96	-65 to +200	Yes	Yes
MA	Aluminum	Electroless Nickel, Matte Finish	AMS-C-26074	96	-65 to +200	Yes	Yes
ME	Aluminum	Electroless Nickel, Heavy	AMS-C-26074	96	-65 to +200	Yes	Yes
MT	Aluminum	Nickel-PTFE	AMS2524	500	-65 to +175	Yes	Yes
NF	Aluminum	Cadmium, Olive Drab Chromate	AMS-QQ-P-416	1000	-65 to +175	Yes	No
TZ	Aluminum	Tin-Zinc	AMS2434	1000	-65 to +175	Yes	Yes
XB	Composite	Unplated, Black Color	N/A	2000	-65 to +200	No	Yes
XM	Composite	Electroless Nickel	AMS-C-26074	2000	-65 to +200	Yes	Yes
XMT	Composite	Nickel-PTFE	AMS2524	2000	-65 to +175	Yes	Yes
XO	Composite	Unplated, Amber Color	N/A	2000	-65 to +200	No	Yes
XW	Composite	Cadmium, Olive Drab Chromate	AMS-QQ-P-416	1000	-65 to +175	Yes	No
Z1	Stainless Steel	Passivated	AMS-QQ-P-35	1000	-65 to +200	Yes	Yes
ZL	Stainless Steel	Electroless Nickel	AMS-C-26074	1000	-65 to +200	Yes	Yes
ZMT	Stainless Steel	Nickel-PTFE	AMS2524	1000	-65 to +175	Yes	Yes
ZR	Aluminum	Zinc-Nickel, Black Chromate	AMS2417	1000	-65 to +175	Yes	Yes
ZU	Stainless Steel	Cadmium, Black Chromate	AMS-QQ-P-416	1000	-65 to +175	Yes	No

AS85049-to-Glenair Material and Finish Code Cross Reference

AS85049 Code	Glenair Code	Material	Finish
A	C (G)	Aluminum	Anodize, Black (Anodize, Hardcoat for M85049/3, /4, /5)
B	ZU	Stainless Steel	Cadmium, Black Chromate
G	MA	Aluminum	Electroless Nickel, Space Grade
J	XW	Composite	Cadmium, Olive Drab Chromate
L	XX	Composite	Cadmium, Olive Drab Chromate, Selectively Plated
M	XM	Composite	Electroless Nickel
N	M	Aluminum	Electroless Nickel
P	NFP	Aluminum	Cadmium, Olive Drab Chromate, Selectively Plated
S	Z1	Stainless Steel	Passivated
T	XO	Composite	No Plating
V	TZ	Aluminum	Tin-Zinc
VC	XTZ	Composite	Tin-Zinc
VL	XTS	Composite	Tin-Zinc, Selective
VP	TS	Aluminum	Tin-Zinc, Selective
VS	ZTZ	Stainless Steel	Tin-Zinc
W	NF	Aluminum	Cadmium, Olive Drab Chromate
X	MT	Aluminum	Nickel-PTFE
XC	XMT	Composite	Nickel-PTFE
XS	ZMT	Stainless Steel	Nickel-PTFE
Y	AL	Aluminum	Alumiplate
YC	XAL	Composite	Alumiplate
YL	XAP	Composite	Alumiplate, Selectively Plated
YP	ALP	Aluminum	Alumiplate, Selectively Plated
YS	ZAL	Stainless Steel	Alumiplate
Z	ZR	Aluminum	Zinc-Nickel, Black Chromate
ZC	XZR	Composite	Zinc-Nickel, Black Chromate
ZL	XZS	Composite	Zinc-Nickel, Black Chromate, Selectively Plated
ZP	ZS	Aluminum	Zinc-Nickel, Black Chromate, Selectively Plated
ZS	ZZR	Stainless Steel	Zinc-Nickel, Black Chromate

Reference Guides

Connector Material and Finish Reference Tables

AS50151

Class	Material	Finish
A	Alum.	Cadmium, Olive Drab
B	Alum.	Cadmium, Olive Drab
C	Alum.	Cadmium, Olive Drab
D	Alum.	Cadmium, Olive Drab
DJ	Alum.	Cadmium, Olive Drab
DJ	SST	Cadmium, Black
DJS	SST	Cadmium, Black
DSN	SST	Electrodeposited Nickel
DT	Alum.	Nickel-PTFE
DV	Alum.	Tin-Zinc
DY	Alum.	Alumiplate
DZ	Alum.	Zinc-Nickel, Black
E	Alum.	Cadmium, Olive Drab
F	Alum.	Cadmium, Olive Drab
H	Steel	Electroless Nickel
HT	Steel	Fused Tin
K (Solder)	Steel	Cadmium, Olive Drab
K (Crimp)	Steel	Electroless Nickel
KT	Steel	Cadmium, Olive Drab
L	Alum.	Electroless Nickel
P	Alum.	Cadmium, Olive Drab
R	Alum.	Cadmium, Olive Drab
U	Alum.	Electroless Nickel
W	Alum.	Cadmium, Olive Drab
WT	Alum.	Nickel-PTFE
WY	Alum.	Alumiplate
WZ	Alum.	Zinc-Nickel, Black
X	Alum.	Cadmium, Olive Drab

MIL-DTL-26482

Class/ Finish	Material	Finish
A	Alum.	Hardcoat Anodize
H	Steel	Fused Tin
K	Alum.	Zinc-Nickel, Black
L	Alum.	Electroless Nickel
N	Steel	Fused Tin
T	Alum.	Nickel-PTFE
W	Alum.	Cadmium, Olive Drab

MIL-DTL-28840

Class	Material	Finish
A	Alum.	Cadmium, Olive Drab
B	316 SST	Cadmium, Black
C	Alum.	Cadmium, Olive Drab
E	316 SST	Cadmium, Black
F	Alum.	Alumiplate
G	Alum.	Alumiplate
L	Alum.	Tin-Zinc
M	Alum.	Tin-Zinc
S	Alum.	Zinc-Nickel, Black
U	Alum.	Zinc-Nickel, Black

MIL-DTL-38999

Class	Material	Finish
A	Alum.	Cadmium, Clear Chromate
B	Alum.	Cadmium, Olive Drab
C	Alum.	Hardcoat Anodize
D	Steel	Fused Tin
E	SST	Passivated
F	Alum.	Electroless Nickel
G	Alum.	Electroless Nickel
H	SST	Passivated
J	Composite	Cadmium, Olive Drab
K	SST	Passivated
L	SST	Electrodeposited Nickel
M	Composite	Nickel
N	SST	Electrodeposited Nickel
R	Alum.	Electroless Nickel
S	SST	Electrodeposited Nickel
T	Alum.	Nickel-PTFE
U	Alum.	Cadmium, Clear Chromate
W	Alum.	Cadmium, Olive Drab
Y	SST	Passivated
Z	Alum.	Zinc-Nickel, Black

MIL-DTL-83723

Class	Material	Finish
A	Alum.	Hardcoat Anodize
G	SST	Passivated
H	Steel	Tin
J	Steel	Tin
K	SST	Passivated
L	SST	Electrodeposited Nickel
M	Alum.	Alumiplate
N	SST	Electrodeposited Nickel
P	SST	Passivated
R	Alum.	Electroless Nickel
S	SST	Passivated
T	Alum.	Nickel-PTFE
W	Alum.	Cadmium, Olive Drab
Y	SST	Passivated
Z	Alum.	Zinc-Nickel, Black

EN 2997

Class	Material	Finish
K	SST	Passivated
KE	SST	Passivated
KV	SST	Passivated
R	Alum.	Electroless Nickel
RS	Alum.	Electroless Nickel
S	SST	Passivated
SE	SST	Passivated
SV	SST	Passivated
W	Alum.	Cadmium, Olive Drab
WS	Alum.	Cadmium, Olive Drab
Y	SST	Passivated
YE	SST	Passivated

AS81703

Class	Material	Finish
E	Alum.	Electroless Nickel
H	Steel	Tin
L	Alum.	Electroless Nickel

Reference Guides

Military Connector Part Number Cross-Reference

Military Connector Part Number Cross-Reference

Military Part Number	Description	Military Specification	Series	Adapter Code	Note
D38999/20	Receptacle, Wall Mount	MIL-DTL-38999	III	H	
D38999/21	Receptacle, Hermetic	MIL-DTL-38999	III	-	Connector does not have adapter threads
D38999/23	Receptacle, Hermetic, Jam Nut	MIL-DTL-38999	III	-	Connector does not have adapter threads
D38999/24	Receptacle, Jam Nut	MIL-DTL-38999	III	H	
D38999/25	Receptacle, Hermetic, Solder Mount	MIL-DTL-38999	III	-	Connector does not have adapter threads
D38999/26	Plug	MIL-DTL-38999	III	H	
D38999/27	Receptacle, Hermetic, Weld Mount	MIL-DTL-38999	III	-	Connector does not have adapter threads
D38999/29	Plug, Lanyard Release	MIL-DTL-38999	III	H	Add Mod Code -701 to adapter part number
D38999/30	Plug, Lanyard Release	MIL-DTL-38999	III	H	Add Mod Code -701 to adapter part number
D38999/31	Plug, Lanyard Release	MIL-DTL-38999	III	H	Add Mod Code -701 to adapter part number
D38999/40	Receptacle, Wall Mount	MIL-DTL-38999	IV	H	
D38999/42	Receptacle, Box Mount	MIL-DTL-38999	IV	H	
D38999/44	Receptacle, Jam Nut	MIL-DTL-38999	IV	H	Add Mod Code -715 to adapter part number
D38999/46	Plug	MIL-DTL-38999	IV	H	
D38999/47	Plug	MIL-DTL-38999	IV	H	
M28840/10	Receptacle, Wall Mount	MIL-DTL-28840		G	
M28840/11	Receptacle, Cable Connecting	MIL-DTL-28840		G	
M28840/12	Receptacle, Box Mount	MIL-DTL-28840		-	Connector does not have adapter threads
M28840/14	Receptacle, Jam Nut	MIL-DTL-28840		G	
M28840/16	Plug	MIL-DTL-28840		G	
M81511		AS81511		J	Contact Glenair
M83723/1	Superseded by MS3470	MIL-DTL-83723	I	A	
M83723/10	Superseded by MS3442	MIL-DTL-83723	I	-	Connector does not have adapter threads
M83723/11	Superseded by MS3443	MIL-DTL-83723	I	-	Connector does not have adapter threads
M83723/12	Superseded by MS3443	MIL-DTL-83723	I	-	Connector does not have adapter threads
M83723/13	Superseded by MS3476	MIL-DTL-83723	I	A	
M83723/14	Superseded by MS3476	MIL-DTL-83723	I	A	
M83723/17	Superseded by MS3451	MIL-DTL-83723	II	K	Contact Glenair
M83723/18	Superseded by MS3451	MIL-DTL-83723	II	K	Contact Glenair
M83723/19	Superseded by MS3450	MIL-DTL-83723	II	K	Contact Glenair
M83723/2	Superseded by MS3470	MIL-DTL-83723	I	A	
M83723/20	Superseded by MS3450	MIL-DTL-83723	II	K	Contact Glenair
M83723/21	Superseded by MS3452	MIL-DTL-83723	II	-	Connector does not have adapter threads
M83723/22	Superseded by MS3452	MIL-DTL-83723	II	-	Connector does not have adapter threads
M83723/23	Superseded by MS3456	MIL-DTL-83723	II	K	Contact Glenair
M83723/24	Superseded by MS3456	MIL-DTL-83723	II	K	Contact Glenair
M83723/25	Superseded by MS3142	MIL-DTL-83723	II	-	Connector does not have adapter threads
M83723/26	Superseded by MS3143	MIL-DTL-83723	II	-	Connector does not have adapter threads
M83723/3	Superseded by MS3472	MIL-DTL-83723	I	A	
M83723/36	Cancelled, no replacement	MIL-DTL-83723	I	A	
M83723/37	Plug, Pre-Wired	MIL-DTL-83723	I	A	
M83723/38	Cancelled, no replacement	MIL-DTL-83723	I	A	
M83723/39	Cancelled, no replacement	MIL-DTL-83723	I	A	
M83723/4	Superseded by MS3472	MIL-DTL-83723	I	A	
M83723/40	Cancelled, no replacement	MIL-DTL-83723	I	A	
M83723/41	Cancelled, no replacement	MIL-DTL-83723	I	A	
M83723/42	Superseded by MS3475	MIL-DTL-83723	I	A	
M83723/43	Superseded by MS3475	MIL-DTL-83723	I	A	

Reference Guides

Military Connector Part Number Cross-Reference

Military Connector Part Number Cross-Reference (Continued)

Military Part Number	Description	Military Specification	Series	Adapter Code	Note
M83723/45	Superseded by MS3115	MIL-DTL-83723	I	-	Connector does not have adapter threads
M83723/48	Cancelled, no replacement	MIL-DTL-83723	I	A	
M83723/49	Cancelled, no replacement	MIL-DTL-83723	I	A	
M83723/5	Superseded by MS3474	MIL-DTL-83723	I	A	
M83723/52	Superseded by MS3459	MIL-DTL-83723	II	K	Contact Glenair
M83723/53	Superseded by MS3459	MIL-DTL-83723	II	K	Contact Glenair
M83723/6	Superseded by MS3474	MIL-DTL-83723	I	A	
M83723/66	Plug, Push Pull (Pin Contacts)	MIL-DTL-83723	III	A	
M83723/67	Plug, Push Pull (Socket Contacts)	MIL-DTL-83723	III	A	
M83723/68	Plug, Push Pull Lanyard	MIL-DTL-83723	III	A	
M83723/69	Plug, Push Pull, Lanyard	MIL-DTL-83723	III	A	
M83723/7	Superseded by MS3471	MIL-DTL-83723	I	A	
M83723/71	Receptacle, Bayonet, Flange Mount	MIL-DTL-83723	III	A	
M83723/72	Receptacle, Bayonet, Flange Mount	MIL-DTL-83723	III	A	
M83723/73	Receptacle, Bayonet, Jam Nut	MIL-DTL-83723	III	A	
M83723/74	Receptacle, Bayonet, Jam Nut	MIL-DTL-83723	III	A	
M83723/75	Plug, Bayonet (Socket Contact)	MIL-DTL-83723	III	A	
M83723/76	Plug, Bayonet (Pin Contact)	MIL-DTL-83723	III	A	
M83723/77	Plug, Bayonet, RFI (Socket Contact)	MIL-DTL-83723	III	A	
M83723/78	Plug, Bayonet, RFI (Pin Contact)	MIL-DTL-83723	III	A	
M83723/79	Recep., Bayonet Flange Mt., Hermetic	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/8	Superseded by MS3471	MIL-DTL-83723	I	A	
M83723/80	Recep., Bayonet Solder Mt., Hermetic	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/81	Receptacle, Bayonet, J/N, Hermetic	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/82	Receptacle, Flange Mount	MIL-DTL-83723	III	A	
M83723/83	Receptacle, Flange Mount	MIL-DTL-83723	III	A	
M83723/84	Receptacle, Jam Nut	MIL-DTL-83723	III	A	
M83723/85	Receptacle, Jam Nut	MIL-DTL-83723	III	A	
M83723/86	Plug, Threaded	MIL-DTL-83723	III	A	
M83723/87	Plug, Threaded	MIL-DTL-83723	III	A	
M83723/88	Receptacle, Flange Mount	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/89	Receptacle, Jam Nut	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/9	Superseded by MS3440	MIL-DTL-83723	I	-	Connector does not have adapter threads
M83723/90	Receptacle, Jam Nut	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/91	Plug, Threaded	MIL-DTL-83723	III	A	
M83723/92	Plug, Threaded	MIL-DTL-83723	III	A	
M83723/93	Recept., Bayonet, Solder Mt., Hermetic	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/94	Recept., Bayonet, Jam Nut, Hermetic	MIL-DTL-83723	III	-	Connector does not have adapter threads
M83723/95	Plug, Threaded	MIL-DTL-83723	III	A	
M83723/96	Plug, Threaded	MIL-DTL-83723	III	A	
M83723/97	Plug, Threaded	MIL-DTL-83723	III	A	
M83723/98	Plug, Threaded	MIL-DTL-83723	III	A	
MS17343	Receptacle, Wall Mount	MIL-DTL-22992		C	Contact Glenair for MIL-DTL-22992 accessories
MS17344	Plug	MIL-DTL-22992		C	Contact Glenair for MIL-DTL-22992 accessories
MS17345	Plug	MIL-DTL-22992		C	Contact Glenair for MIL-DTL-22992 accessories
MS17346	Receptacle, Box Mount	MIL-DTL-22992		C	Contact Glenair for MIL-DTL-22992 accessories
MS17347	Receptacle, Jam Nut	MIL-DTL-22992		C	Contact Glenair for MIL-DTL-22992 accessories
MS17348	Receptacle, Jam Nut	MIL-DTL-22992		-	Contact Glenair for MIL-DTL-22992 accessories

Reference Guides

Military Connector Part Number Cross-Reference

Military Connector Part Number Cross-Reference (Continued)

Military Part Number	Description	Military Specification	Series	Adapter Code	Note
MS18062	Dummy Receptacle	MIL-DTL-22992		-	Contact Glenair for MIL-DTL-22992 accessories
MS20026	Receptacle, Wall Mount	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS20027	Receptacle, Line	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS20028	Plug	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS20029	Receptacle, Jam Nut	MIL-DTL-27599		-	Connector does not have adapter threads
MS20030	Receptacle, Box Mount, Hermetic	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS20031	Receptacle, Jam Nut, Hermetic	MIL-DTL-27599		-	Connector does not have adapter threads
MS20032	Receptacle, Hermetic, Solder Mount	MIL-DTL-27599		-	Connector does not have adapter threads
MS20034	Receptacle, Wall Mount	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS20035	Receptacle, Box Mount	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS24264	Receptacle, Flange Mount	MIL-DTL-26500		E	
MS24265	Receptacle, Jam Nut	MIL-DTL-26500		E	
MS24266	Plug	MIL-DTL-26500		E	
MS25183	Plug, Potting Seal	AS50151	I	-	Connector does not have adapter threads
MS27034	Receptacle, Hermetic, Solder Mount	MIL-DTL-26500		-	Connector does not have adapter threads
MS27334	Receptacle, Wall Mount	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS27335	Receptacle, Box Mount	MIL-DTL-27599		-	Connector does not have adapter threads
MS27336	Plug	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS27337	Receptacle, Jam Nut	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS27338	Receptacle, Wall Mount	MIL-DTL-27599			Contact Glenair for MIL-DTL-27599 accessories
MS27339	Receptacle, Box Mount, Hermetic	MIL-DTL-27599		-	Connector does not have adapter threads
MS27340	Receptacle, Jam Nut, Hermetic	MIL-DTL-27599		-	Connector does not have adapter threads
MS27341	Receptacle, Hermetic, Solder Mount	MIL-DTL-27599		-	Connector does not have adapter threads
MS27466	Receptacle, Wall Mount	MIL-DTL-38999	I	F	
MS27467	Plug	MIL-DTL-38999	I	F	
MS27468	Receptacle, Jam Nut	MIL-DTL-38999	I	F	
MS27469	Receptacle, Wall Mount	MIL-DTL-38999	I	-	Connector does not have adapter threads
MS27470	Receptacle, Jam Nut, Hermetic	MIL-DTL-38999	I	-	Connector does not have adapter threads
MS27471	Receptacle, Hermetic, Solder Mount	MIL-DTL-38999	I	-	Connector does not have adapter threads
MS27472	Receptacle, Wall Mount	MIL-DTL-38999	II	F	
MS27473	Plug	MIL-DTL-38999	II	F	
MS27474	Receptacle, Jam Nut	MIL-DTL-38999	II	F	
MS27475	Receptacle, Wall Mount	MIL-DTL-38999	II	F	
MS27476	Receptacle, Box Mount, Hermetic	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27477	Receptacle, Jam Nut, Hermetic	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27478	Receptacle, Hermetic, Solder Mount	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27479	Receptacle, Wall Mount	MIL-DTL-38999	II	F	
MS27480	Plug	MIL-DTL-38999	II	F	
MS27481	Cancelled, replaced by MS27481	MIL-DTL-38999	II	F	
MS27482	Cancelled, replaced by MS27475	MIL-DTL-38999	II	F	
MS27483	Cancelled, replaced by MS27477	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27484	Plug	MIL-DTL-38999	II	F	
MS27496	Receptacle, Box Mount	MIL-DTL-38999	I	-	Connector does not have adapter threads
MS27497	Receptacle, Wall Mount	MIL-DTL-38999	II	F	
MS27498	Plug, 90°	MIL-DTL-38999	I	F	
MS27499	Receptacle, Box Mount	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27500	Plug, 90°	MIL-DTL-38999	II	F	
MS27503	Cancelled, replaced by MS27478	MIL-DTL-38999	II	-	Connector does not have adapter threads

Reference Guides

Military Connector Part Number Cross-Reference

Military Connector Part Number Cross-Reference (Continued)

Military Part Number	Description	Military Specification	Series	Adapter Code	Note
MS27504	Cancelled, replaced by MS27499	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27505	Receptacle, Box Mount	MIL-DTL-38999	I	-	Connector does not have adapter threads
MS27508	Receptacle, Box Mount	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27513	Receptacle, Box Mount	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27515	Receptacle, Wall Mount	MIL-DTL-38999	I	F	
MS27613	Receptacle, Wall Mount	MIL-DTL-26500		E	Add Mod Code -710 to adapter part number
MS27614	Receptacle, Jam Nut	MIL-DTL-26500		E	Add Mod Code -710 to adapter part number
MS27615	Plug	MIL-DTL-26500		E	Add Mod Code -710 to adapter part number
MS27652	Receptacle, Wall Mount	MIL-DTL-38999	I	F	
MS27653	Plug	MIL-DTL-38999	I	F	
MS27654	Receptacle, Wall Mount	MIL-DTL-38999	I	F	
MS27656	Receptacle, Wall Mount	MIL-DTL-38999	I	F	
MS27661	Plug, Lanyard Release	MIL-DTL-38999	I	F	Add Mod Code -729 to adapter part number
MS27662	Receptacle, Thru-Bulkhead	MIL-DTL-38999	I	-	Connector does not have adapter threads
MS27664	Receptacle, Wall Mount	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS27665	Plug, Rack & Panel Mtg	MIL-DTL-38999	I	F	
MS27667	Receptacle, Thru-Bulkhead	MIL-DTL-38999	II	-	Connector does not have adapter threads
MS3100	Receptacle, Wall Mount	AS50151		B	
MS3101	Plug	AS50151		B	
MS3102	Receptacle, Box Mount	AS50151	I	-	Connector does not have adapter threads
MS3103	Receptacle, Potting (Solder)	AS50151	I	-	Connector does not have adapter threads
MS3105	Dummy Receptacle	AS50151	I	-	Connector does not have adapter threads
MS3106	Plug	AS50151		B	
MS3107	Plug, Quick Disconnect (Solder)	AS50151		B	
MS3108	Plug, 90°	AS50151		B	
MS3110	Receptacle, Wall Mount	MIL-DTL-26482	1	D	Add Mod Code -729 to adapter part number
MS3111	Plug	MIL-DTL-26482	1	D	
MS3112	Receptacle, Box Mount	MIL-DTL-26482	1	-	Connector does not have adapter threads
MS3113	Receptacle, Solder Flange	MIL-DTL-26482	1	-	Connector does not have adapter threads
MS3114	Receptacle, Jam Nut	MIL-DTL-26482	1	D	Add Mod Code -717 to adapter part number
MS3115	Dummy Receptacle	MIL-DTL-26482		-	Connector does not have adapter threads
MS3116	Plug	MIL-DTL-26482	1	D	
MS3119	Receptacle, Thru-Bulkhead	MIL-DTL-26482	1	-	Connector does not have adapter threads
MS3120	Receptacle, Wall Mount	MIL-DTL-26482	1	D	
MS3121	Plug	MIL-DTL-26482	1	D	
MS3122	Receptacle, Box Mount	MIL-DTL-26482	1	-	Connector does not have adapter threads
MS3124	Receptacle, Jam Nut	MIL-DTL-26482	1	D	Add Mod Code -717 to adapter part number
MS3126	Plug	MIL-DTL-26482	1	D	
MS3127	Receptacle, Box Mount	MIL-DTL-26482	1	-	Connector does not have adapter threads
MS3128	Receptacle, Wall Mount	MIL-DTL-26482	1	D	
MS3130	Receptacle, Push Pull, Wide Flange	AS81703	1		Contact Glenair
MS3132	Receptacle, Push Pull, Box Mount	AS81703	1	X	Add Mod Code -706 to part number
MS3134	Receptacle, Push Pull, Jam Nut	AS81703	1	X	Add Mod Code -706 to part number
MS3135	Dummy Receptacle	AS81703	1	-	Connector does not have adapter threads
MS3137	Plug, Push Pull	AS81703	1	X	Add Mod Code -706 to part number
MS3138	Plug, Lanyard, Push Pull	AS81703	1	X	Add Mod Code -706 to part number
MS3139	Receptacle, Thru-Bulkhead	AS81703	1	-	Connector does not have adapter threads
MS3140	Receptacle, Push Pull, Wall Mount	AS81703	2	X	Add Mod Code -706B to part number

Reference Guides

Military Connector Part Number Cross-Reference

Military Connector Part Number Cross-Reference (Continued)

Military Part Number	Description	Military Specification	Series	Adapter Code	Note
MS3142	Receptacle, Hermetic, Box Mount	AS50151	I	-	Connector does not have adapter threads
MS3143	Receptacle, Hermetic, Solder Mount	AS50151	I	-	Connector does not have adapter threads
MS3144	Receptacle, Push Pull, Jam Nut	AS81703	2	X	Add Mod Code -706B to part number
MS3145	Recept., Hermetic, Push Pull	AS81703	3	-	Connector does not have adapter threads
MS3146	Receptacle, Push Pull, Hermetic	AS81703	3	-	Connector does not have adapter threads
MS3147	Plug, Push Pull (Crimp)	AS81703	2	X	Add Mod Code -706B to part number
MS3148	Plug, Push Pull, Lanyard (Crimp)	AS81703	2	X	Add Mod Code -706B to part number
MS3149	Receptacle, Push Pull, Hermetic	AS81703	3	-	Connector does not have adapter threads
MS3400	Receptacle, Wall Mount	AS50151	II	A	
MS3401	Receptacle, Cable Connecting	AS50151	II	A	
MS3402	Receptacle, Box Mount	AS50151	II	-	Connector does not have adapter threads
MS3404	Receptacle, Jam Nut	AS50151	II	A	
MS3406	Plug	AS50151	II	A	
MS3408	Plug, 90°	AS50151	II	A	
MS3409	Plug, 45°	AS50151	II	A	
MS3412	Receptacle, Wall Mount	AS50151	II	A	
MS3424	Receptacle, Push Pull, Wall Mount	AS81703	3	A*	
MS3440	Receptacle, Narrow Flange	MIL-DTL-26482	2	-	Connector does not have adapter threads
MS3442	Receptacle, Wide Flange Mount	MIL-DTL-26482	2	-	Connector does not have adapter threads
MS3443	Receptacle, Solder Flange	MIL-DTL-26482	2	-	Connector does not have adapter threads
MS3445	Plug, Push Pull, Rack & Panel Mtg	AS81703	2		Contact Glenair
MS3446	Plug, Rack & Panel	AS81703	3	A*	
MS3449	Receptacle, Jam Nut	MIL-DTL-26482	2	-	Connector does not have adapter threads
MS3450	Receptacle, Wall Mount	AS50151	III	A	
MS3451	Receptacle, Cable Connecting	AS50151	III	A	
MS3452	Receptacle, Box Mount	AS50151	III	-	Connector does not have adapter threads
MS3454	Receptacle, Jam Nut	AS50151	III	A	
MS3456	Plug	AS50151	III	A	
MS3459	Plug, Self Locking	AS50151	III	A	
MS3463	Receptacle, Push Pull	AS81703	3	-	Connector does not have adapter threads
MS3464	Receptacle, Push Pull, Jam Nut	AS81703	3	A*	
MS3466	Receptacle, Push Pull, Hermetic	AS81703	3	-	Connector does not have adapter threads
MS3467	Plug, Push Pull	AS81703	3	A*	
MS3468	Plug, Push Pull, Lanyard	AS81703	3	A*	
MS3469	Recept., Push Pull, Hermetic, Jam Nut	AS81703	3	-	Connector does not have adapter threads
MS3470	Receptacle, Narrow Flange	MIL-DTL-26482	2	A	
MS3471	Receptacle, Cable Connecting	MIL-DTL-26482	2	A	
MS3472	Receptacle, Wide Flange Mount	MIL-DTL-26482	2	A	
MS3473	Receptacle, Hermetic, Solder Mount	MIL-DTL-26482	2	-	Connector does not have adapter threads
MS3474	Receptacle, Jam Nut	MIL-DTL-26482	2	A	
MS3475	Plug, RFI Shielded	MIL-DTL-26482	2	A	
MS3476	Plug	MIL-DTL-26482	2	A	
MS3477	Receptacle Hermetic, Box Mtg	MIL-DTL-26482	2	-	Connector does not have adapter threads
MS3479	Recept., Hermetic, Jam Nut	MIL-DTL-26482	2	-	Connector does not have adapter threads
MS90555	Receptacle, Wall Mount	MIL-DTL-22992			Contact Glenair for MIL-DTL-22992 accessories
MS90556	Plug	MIL-DTL-22992			Contact Glenair for MIL-DTL-22992 accessories
MS90557	Plug	MIL-DTL-22992			Contact Glenair for MIL-DTL-22992 accessories
MS90558	Receptacle, Wall Mount	MIL-DTL-22992			Contact Glenair for MIL-DTL-22992 accessories

*See Adapter Code A Shell Size Table on Page Intro-14."

Reference Guides

Connector Specification Cross-Reference

Connector Specification Cross-Reference

Connector Specification	Series	Adapter Code	Connector Specification	Series	Adapter Code
40M39569		A	MIL-DTL-26482	Series I	D
AS50151	MS3100	B	MIL-DTL-26482	Series II	A
AS50151	MS3400	A	MIL-DTL-26500		E
AS50151	MS3450	A	MIL-DTL-28840		G
AS81511		J	MIL-DTL-38999	Series I, II	F
AS81703	Series 3	See Note 1	MIL-DTL-38999	Series III, IV	H
AS95234		A	MIL-DTL-5015	Series I	B
BACC45		E	MIL-DTL-5015	Series II	A
BACC63BN		E	MIL-DTL-5015	Series III	A
BACC63BP		E	MIL-DTL-83723	Series II	K
BACC63BR		A	MIL-DTL-83723	Series I,III	A
BACC63BT		A	NAS1599		A
BACC63BV		E	NFC93422	HE308	F
BACC63CB		A	NFC93422	HE302	A
BACC63CC		A	NFC93422	HE306	L
BACC63CD		B	NFC93423	HE309	F
BACC63CE		B	PAN6432-1		A
BACC63CM		A	PAN6432-2		A
BACC63CN		A	PAN6433-1		F
BACC63CT		H	PAN6433-2		L
BACC63CU		H	VG95234		R
BACC63DB		H	VG95238		A
BACC63DC		H	VG95328		D
BACC63DU		M	VG95329		J
BACC63DV		M	VG96912		L
BACC63EK		H			
BACC63EP		Contact Glenair			
BACC63ER		Contact Glenair			
BACC63ET		Contact Glenair			
BS9522 F0012	PATT 615	L			
BS9522 F0017	PATT 105	S			
BS9522 F0020	PATT 608	S			
BS9522 F0029	PATT 616	F			
BS9522 N0001	PATT 603	S			
BS9522 N0003	PATT 614	F			
BS9540 F0001	PATT 602	A			
CECC75 201-001		A			
CECC75 201-002		H			
EN2997		A			
EN3645		H			
EN3646		A			
ESC10		A			
ESC11		A			
JN1003		L			
LN 29504		A			
LN29729		L			
MIL-DTL-22992	Class C, J, R	C			

1: AS81703 Series 3 connectors accept Adapter Code A accessories. AS81703 shell sizes are non-standard and must be cross-referenced to the correct Adapter Code A size code. See Adapter Code A Shell Size Table on page Intro-14

Reference Guides

Manufacturer's Prefix Cross-Reference

Manufacturer's Prefix Cross-Reference

Manufacturers' Prefix	Adapter Code	Manufacturer	Specification
118	L	Amphenol Ltd.	LN29729
162GB	S	Amphenol Ltd.	PATT 603
21	H	Amphenol Aerospace	MIL-DTL-38999 Series III
22	W	Glenair	GeoMarine
231	F	Glenair	MIL-DTL-38999 Series I
232	F	Glenair	MIL-DTL-38999 Series II
233	H	Glenair	MIL-DTL-38999 Series III
234	H	Glenair	MIL-DTL-38999 Series IV
2M	M	Amphenol Aerospace	
348	J	Amphenol Ltd.	VG95239
418-2	F	Amphenol Ltd.	PATT 614
418-5	L	Amphenol Ltd.	PATT 615
418-1	F	Amphenol Ltd.	PATT 616
451	D	Amphenol-Socapex	MIL-DTL-26482 Series I
48	E	Amphenol Aerospace	MIL-DTL-26500
602GB	A	Amphenol Ltd.	MIL-DTL-26482 Series II
62GB	S	Amphenol Ltd.	PATT 105
800	M	Glenair	
801	M	Glenair	
802	Contact Glenair	Glenair	Aquamouse
803	M	Glenair	
804	M	Glenair	
805	M	Glenair	
806	V	Glenair	
851	D	Souriau	MIL-DTL-26482 Series I
852	A	Souriau	MIL-DTL-26482 Series II
853	A	Souriau	EN2997
8D	H	Souriau	MIL-DTL-38999 Series III
8DA	Contact Glenair	Souriau	
8LT	F	Souriau	MIL-DTL-38999 Series I
8ST	L	Souriau	VG96912
8T	F	Souriau	MIL-DTL-38999 Series II
90	G	Glenair	MIL-DTL-28840
944	A	Amphenol Aerospace	AS50151
951	D	TE Connectivity	MIL-DTL-26482 Series I
97	B	Amphenol Industrial	AS50151
A815	J	TE Connectivity	AS81511
AC	B	Cinch	AS50151
ACA-B	Contact Glenair	Amphenol Industrial	VG95234
ACT	H	TE Connectivity	MIL-DTL-38999 Series III
AE15	F	Aero-Electric	MIL-DTL-38999 Series I
AE16	F	Aero-Electric	MIL-DTL-38999 Series I
AE27	F	Aero-Electric	MIL-DTL-38999 Series II
AE28	F	Aero-Electric	MIL-DTL-38999 Series II
AE29	F	Aero-Electric	MIL-DTL-38999 Series II
AE32	H	Aero-Electric	MIL-DTL-38999 Series III
AE55	A	Aero-Electric	AS50151

Reference Guides

Manufacturer's Prefix Cross-Reference

Manufacturer's Prefix Cross-Reference (Continued)

Manufacturers' Prefix	Adapter Code	Manufacturer	Specification
AE66	E	Aero-Electric	MIL-DTL-26500
AE77	A	Aero-Electric	MIL-DTL-26482 Series II
AE83	A	Aero-Electric Connector, Inc.	MIL-DTL-83723 Series III
AFD	A	TE Connectivity	MIL-DTL-26482 Series II
AS	A	Corsair	AS50151 Series II
B815	J	TE Connectivity	AS81511
BL	H	Cooper Interconnect (G&H)	MIL-DTL-38999 Series IV
BT	A	Amphenol Aerospace	MIL-DTL-83723 Series III
BY	A	Amphenol Aerospace	MIL-DTL-83723 Series III
C48	E	Cinch	MIL-DTL-26500
CA-B	Contact Glenair	ITT Cannon	VG95234
CA-E/ R	B	ITT Cannon	AS50151
CGK	L	ITT Cannon	VG96912
CIR	Contact Glenair	ITT Cannon Veam	VG95234
CJ08	F	Corsair	MIL-DTL-38999 Series I
CJ09	A	Corsair	MIL-DTL-26482 Series II
CJ10	A	Corsair	AS50151 Series III
CJ13	F	Corsair	MIL-DTL-38999 Series II
CJ14	H	Corsair	MIL-DTL-38999 Series III
CTV	H	Amphenol Aerospace	MIL-DTL-38999 Series III
CV	A	ITT Cannon	AS50151
CWLD	C	ITT Cannon	MIL-DTL-22992
DBA	A	TE Connectivity	MIL-DTL-83723 Series III
DBAS	A	TE Connectivity	AS81703 Series 3
DIV	H	TE Connectivity	MIL-DTL-38999 Series IV
DJT	F	TE Connectivity	MIL-DTL-38999 Series I
DL	A	TE Connectivity	MIL-DTL-83723 Series III
DTS	H	TE Connectivity	MIL-DTL-38999 Series III
ETV	H	Amphenol Aerospace	MIL-DTL-38999 Series III
FDBA	A	TE Connectivity	EN3646
G3	H	Eaton	MIL-DTL-38999 Series III
GT	Contact Glenair	Amphenol Industrial	
GT	G	Aptiv	MIL-DTL-28840
HDJ	L	TE Connectivity	JN1003
HV	H	Amphenol Aerospace	MIL-DTL-38999 Series III
JT	F	Amphenol Aerospace	MIL-DTL-38999 Series II
JVS	H	Souriau	CECC 752 002
IPT	D	Glenair	MIL-DTL-26482 Series I
ITS	R	Glenair	VG95234
KJ	F	ITT Cannon	MIL-DTL-38999 Series II
KJA	H	ITT Cannon	MIL-DTL-38999 Series III
KJB	H	ITT Cannon	MIL-DTL-38999 Series III
KJL	F	ITT Cannon	MIL-DTL-38999 Series I
KPSE	D	ITT Cannon	MIL-DTL-26482 Series I
KPT	D	ITT Cannon	MIL-DTL-26482 Series I
KPTC	D	ITT Cannon	MIL-DTL-26482 Series I
LJT	F	Amphenol Aerospace	MIL-DTL-38999 Series I

Reference Guides

Manufacturer's Prefix Cross-Reference


Manufacturer's Prefix Cross-Reference (Continued)

Manufacturers' Prefix	Adapter Code	Manufacturer	Specification
MB1	A	Amphenol Aerospace	MIL-DTL-26482 Series II
MB3	A	Amphenol Aerospace	MIL-DTL-83723 Series III
MD	M	Cinch	
MKJ	M	ITT Cannon	
MT3	A	Amphenol Aerospace	MIL-DTL-83723 Series III
MTV	H	Amphenol Aerospace	MIL-DTL-38999 Series III
PT	D	Amphenol Industrial	MIL-DTL-26482 Series I
PTS	A	Amphenol Aerospace	MIL-DTL-26482 Series II
PV	A	ITT Cannon	MIL-DTL-26482 Series II
PW	D	Cinch	MIL-DTL-26482 Series I
QWLD	C	Amphenol Aerospace	MIL-DTL-22992
RR	A	TE Connectivity	MIL-DTL-26482 Series II
SC	B	Amphenol Aerospace	AS50151 MS3100
SC1	F	Spacecraft Components	MIL-DTL-38999 Series I
SC2	F	Spacecraft Components	MIL-DTL-38999 Series II
SC3	H	Spacecraft Components	MIL-DTL-38999 Series IV
SC5	A	Spacecraft Components	AS50151 Series II, III
SC7	A	Spacecraft Components	MIL-DTL-26482 Series II
SCP	Contact Glenair	Spacecraft Components	
SJT	L	Amphenol Aerospace	VG96912
SM	B	Amphenol Aerospace	AS50151 MS3100
TV	H	Amphenol Aerospace	MIL-DTL-38999 Series III
TVS	H	Amphenol Aerospace	MIL-DTL-38999 Series III
VPT	D	ITT Cannon Veam	MIL-DTL-26482 Series I
ZZW	E	Amphenol Aerospace	MIL-DTL-26500
ZZY	E	Amphenol Aerospace	MIL-DTL-26500


Reference Guides

Adapter Code Reference

Adapter Codes

Adapter Code	Specifications	Manufacturer's Prefix	Shell Size, Thread Size				
	40M39569		Shell Size				
	AS50151 MS3400	602GB	Amphenol Ltd.	AS50151			
	AS50152 MS3450	852	Souriau	Size Code	M26482/II M83823/III	AS81703 Series 3	Adapter Thread Size
	AS81703 Series 3	853	Souriau	08	8	—	0.500-20 UNF
	AS95234	944	Amphenol Aerospace	03⁽¹⁾	—	3 ⁽¹⁾	0.5625-24 UNEF
	BACC63BR	AE55	Aero-Electric Connector	10	10, 10S, 10SL	—	0.625-24 UNEF
	BACC63BT	AE77	Aero-Electric Connector	12	12, 12S	7	0.750-20 UNEF
	BACC63CB	AE83	Aero-Electric Connector	14	14, 14S	12	0.875-20 UNEF
	BACC63CC	AFD	TE Connectivity	16	16, 16S	19	1.000-20 UNEF
	BACC63CM	AS	Corsair	18	18	27	1.0625-18 UNEF
	BACC63CN	BT	Amphenol Aerospace	20	20	37	1.1875-18 UNEF
	BS9540 F0001 PATT 602	BY	Amphenol Aerospace	22	22	—	1.3125-18 UNEF
	CECC75 201-001	CJ09	Corsair	24	24	—	1.4375-18 UNEF
	EN2997	CJ10	Corsair	24	24	—	1.4375-18 UNEF
	EN3646	CV	ITT Cannon	61⁽¹⁾	—	61 ⁽¹⁾	1.500-18 UNEF
	ESC10	DBA	TE Connectivity	28	28	—	1.750-18 UNS
	ESC11	DBAS	TE Connectivity	32	32	—	2.000-18 UNS
	LN 29504	DL	TE Connectivity	36	36	—	2.250-16 UN
	MIL-DTL-26482 Series II	DL	TE Connectivity	40	40	—	2.500-16 UN
	MIL-DTL-5015 MS3400	FDBA	TE Connectivity	44	44	—	2.750-16 UN
	MIL-DTL-5015 MS3450	MB1	Amphenol Aerospace	48	48	—	3.000-16 UN
	MIL-DTL-83723 Series III	MB3	Amphenol Aerospace				
	NAS1599	MT3	Amphenol Aerospace				
	NFC93422 HE302	PTS	Amphenol Aerospace				
	PAN6432-1	PV	ITT Cannon				
	PAN6432-2	RR	TE Connectivity				
	VG95234	SC5	Spacecraft Components				
	VG95238						

(1) Contact Glenair for shell sizes 3 and 61.


Adapter Code	Specifications	Manufacturer's Prefix	Shell Size, Thread Size				
			Size Code	Shell Size	Thread Size		
					Main Backshell	Front Adapter(s)	
	AS50151 MS3100	97	Amphenol Industrial	01	8S	.4375-28 UNEF	0.3750-32 UNEF
	BACC63CD	AC	Cinch	05	10S	0.5000-28 UNEF	0.5625-24 UNEF
	BACC63CE	CA-E/ R	ITT Cannon	08	10SL	0.5625-24 UNEF	0.6250-24 UNEF
	MIL-DTL-5015 Series I (MS3100)	SC	Amphenol Aerospace	11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF
		SM	Amphenol Aerospace	14	14, 14S	0.7500-20 UNEF	N/A
				15	16, 16S	0.8750-20 UNEF	N/A
				16	18	1.0000-20 UNEF	N/A
				17	20	1.1250-18 UNEF	1.1250-24 UNS
				20	22	1.2500-18 UNEF	N/A
				21	24	1.3750-18 UNEF	N/A
				22	28	1.6250-18 UNEF	N/A
				23	32	1.8750-16 UN	1.90625-18 UNS
							2.0625-16 UNS
				26	36	2.1250-16 UN	2.0625-20 UNEF
						2.1250-18 UNS	
			31	40	2.3750-16 UN	2.3125-16 UNS	
			34	44	2.6250-16 UN	N/A	
			35	48	2.7500-16 UN	.8125-18 UNS	

(1) Connector rear threads vary by manufacturer. Extra front adapters are included as required for compatibility with all manufacturers.


Reference Guides


Adapter Code Reference

Adapter Codes (Continued)

Adapter Code	Specifications	Manufacturer's Prefix		Shell Size and Thread Size	
	MIL-DTL-22992 Class C, J, R	CWLD	ITT Cannon	Shell Size	Adapter Thread Size
				12	0.750-20 UNEF
		QWLD	Amphenol Aerospace	14	0.875-20 UNEF
				16	1.000-20 UNEF
				18	1.125-18 UNEF
				20	1.250-18 UNEF
				22	1.375-18 UNEF
				24	1.625-18 UNEF
				28	1.875-16 UN
				32	2.0625-16 UNS
				36	2.3125-16 UNS
				40	2.625-16 UN
				44	2.875-16 UN
		48	3.0625-16 UN		

*Contact Glenair
for accessory
ordering information*


Adapter Code	Specifications	Manufacturer's Prefix		Shell Size and Thread Size	
	MIL-DTL-26482 Series I VG95328	451	Amphenol-Socapex	Shell Size	Adapter Thread Size UNEF
		851	Souriau	08	0.4375-28
		951	TE Connectivity	10	0.5625-24
		IPT	Glenair	12	0.6875-24
		KPSE	ITT Cannon	14	0.8125-20
		KPT	ITT Cannon	16	0.9375-20
		KPTC	ITT Cannon	18	1.0625-18
		PT	Amphenol Industrial	20	1.1875-18
		PW	Cinch	22	1.3125-18
		VPT	ITT Cannon Veam	24	1.4375-18


Adapter Code	Specifications	Manufacturer's Prefix		Shell Size and Thread Size	
	BACC45 BACC63BN BACC63BP BACC63BV MIL-DTL-26500	48	Amphenol Aerospace	Shell Size	Adapter Thread Size
		AE66	Aero-Electric Connector	08	0.4375-28
		C48	Cinch	10	0.5625-24
		ZZW	Amphenol Aerospace	12	0.7500-24
		ZZY	Amphenol Aerospace	14	0.8125-20
				16	0.9375-20
				18	1.0625-18
				20	1.1875-18
				22	1.3125-18
		24	1.4375-18		


Reference Guides

Adapter Code Reference

Adapter Codes (Continued)

Adapter Code	Specifications	Manufacturer's Prefix	Shell Size and Thread Size			
	BS9522 F0029 PATT 616 BS9522 N0003 PATT 614 MIL-DTL-38999 Series I and II NFC93422 HE308 NFC93423 HE309 PAN6433-1	231	Glenair			
		232	Glenair			
		418-2	Amphenol Ltd.			
		418-1	Amphenol Ltd.			
		8LT	Souriau			
		8T	Souriau			
		AE15	Aero-Electric Connector			
		AE16	Aero-Electric Connector			
		AE27	Aero-Electric Connector			
		AE28	Aero-Electric Connector			
		AE29	Aero-Electric Connector			
		CJ08	Corsair			
		CJ13	Corsair			
		DJT	TE Connectivity			
		JT	Amphenol Aerospace			
		KJ	ITT Cannon			
		KJL	ITT Cannon			
		LJT	Amphenol Aerospace			
		SC1	Spacecraft Components			
SC2	Spacecraft Components					
				Size Code	Shell Size	Adapter Thread Size UNEF
				08	8/9	0.4375-28
				10	10/11	0.5625-24
				12	12/13	0.6875-24
				14	14/15	0.8125-20
				16	16/17	0.9375-20
				18	18/19	1.0625-18
				20	20/21	1.1875-18
				22	22/23	1.3125-18
				24	24/25	1.4375-18

Adapter Code	Specifications	Manufacturer's Prefix	Shell Size and Thread Size					
	MIL-DTL-28840	90	Glenair					
		GT	Aptiv					
						Size Code	Shell Size	Adapter Thread Size
						11	A (11)	.750-20 UNEF
						13	B (13)	.875-20 UNEF
						15	C (15)	1.000-20 UNEF
						17	D (17)	1.125-18 UNEF
						19	E (19)	1.250-18 UNEF
						23	F (23)	1.438-18 UNEF
						25	G (25)	1.562-18 UNEF
						29	H (29)	1.875-16 UN
				33	J (33)	2.062-16 UNS		

Adapter Code	Specifications	Manufacturer's Prefix	Shell Size and Thread Size			
	BACC63CT BACC63CU BACC63DB BACC63DC BACC63EK CECC75 201-002 EN3645 MIL-DTL-38999 Series III, IV	21	Amphenol Aerospace			
		233	Glenair			
		234	Glenair			
		8D	Souriau			
		ACT	TE Connectivity			
		AE32	Aero-Electric Connector, Inc.			
		BL	Cooper Interconnect (G&H)			
		CJ14	Corsair			
		CTV	Amphenol Aerospace			
		DIV	TE Connectivity			
		DTS	TE Connectivity			
		ETV	Amphenol Aerospace			
		G3	Eaton			
		HV	Amphenol Aerospace			
		JVS	Souriau			
		KJA	ITT Cannon			
		KJB	ITT Cannon			
		MTV	Amphenol Aerospace			
		SC3	Spacecraft Components			
TV	Amphenol Aerospace					
TVS	Amphenol Aerospace					
				Size Code	Shell Size	Adapter Thread Size
				09	9 (A)	M12X1.0-6H
				11	11 (B)	M15X1.0-6H
				13	13 (C)	M18X1.0-6H
				15	15 (D)	M22X1.0-6H
				17	17 (E)	M25X1.0-6H
				19	19 (F)	M28X1.0-6H
				21	21 (G)	M31X1.0-6H
				23	23 (H)	M34X1.0-6H
				25	25 (J)	M37X1.0-6H

Reference Guides

Adapter Code Reference

Adapter Codes (Continued)

Adapter Code	Specifications	Manufacturer's Prefix		Shell Size and Thread Size	
				Shell Size	Adapter Thread Size
J	AS81511 VG95329	348 A815 B815	Amphenol Ltd. TE Connectivity TE Connectivity	08	0.500-28 UNEF
				10	0.625-28 UN
				14	0.875-28 UN
				16	1.000-28 UN
				18	1.125-28 UN
				20	1.250-28 UN
				22	1.375-28 UN
				24	1.500-28 UN

Contact Glenair for accessory ordering information

Adapter Code	Specifications	Manufacturer's Prefix		Shell Size and Thread Size			
				Shell Size	Adapter Thread Size	Shell Size	Adapter Thread Size
K	MIL-DTL-83723 Series II	CVA	Cannon	08	0.4375-28 UNEF	20	1.125-18 UNEF
				10	0.500-28 UNEF	22	1.250-18 UNEF
				11	0.5625-24 UNEF	24	1.375-18 UNEF
				12, 13	0.625-24 UNEF	28	1.625-18 UNEF
				14, 15	0.750-20 UNEF	32	1.875-16 UNEF
				16, 17	0.875-20 UNEF	36	2.125-16 UNEF
				18	1.000-20 UNEF	40	2.375-16 UNEF

Contact Glenair for accessory ordering information

Adapter Code	Specifications	Manufacturer's Prefix		Shell Size and Thread Size	
				Shell Size	Adapter Thread Size
L	BS9522 F0012 PATT 615 JN1003 LN29729 NFC93422 HE306 PAN6433-2 VG96912	118 418-5 8ST CGK HDJ SJT	Amphenol Ltd. Amphenol Ltd. Souriau ITT Cannon TE Connectivity Amphenol Aerospace	08	0.4375-28 UNEF
				10	0.5625-24 UNEF
				12	0.6875-24 UNEF
				14	0.8125-20 UNEF
				16	0.9375-20 UNEF
				18	1.0625-18 UNEF
				20	1.1875-18 UNEF
				22	1.3125-18 UNEF
				24	1.4375-18 UNEF


Contact Glenair for accessory ordering information


Adapter Code	Specifications	Manufacturer's Prefix		Shell Size and Thread Size			
				Shell Size Code	Shell Size Series 800, 801, 803, 804	Series 805	Adapter Thread Size
M	BACC63DU BACC63DV	2M 800 801 803 804 805 MD MKJ	Amphenol Aerospace Glenair Glenair Glenair Glenair Glenair Cinch ITT Cannon	05	5	N/A	0.250-32
				06	6	N/A	0.3125-32
				11	N/A	8	0.3750-32
				07	7	9	0.4375-28
				08	8	10	0.500-28
				09	9	11	0.5625-24
				10	10	12	0.625-24
				12	11, 12, 13	13	0.6875-24
				13	N/A	15	0.750-20
				14	14, 15, 16, 17, 18, 19		0.9375-20
				16	19	21	1.0625-18
				17	21	23	1.1875-18


Reference Guides


Adapter Code Reference

Adapter Codes (Continued)

Adapter Code	Specifications	Manufacturer's Prefix	Shell Size and Thread Size	
			Shell Size	Adapter Thread Size
	PowerTrip	970 Glenair	18	1.125-18 UNEF-2B
			20	1.250-18 UNEF-2B
			24	1.4375-18 UNEF-2B
			28	1.8125-16 UN-2B
			32	2.0625-16 UNS-2B
			36	2.250-16 UN-2B
			40	2.500-16 UN-2B

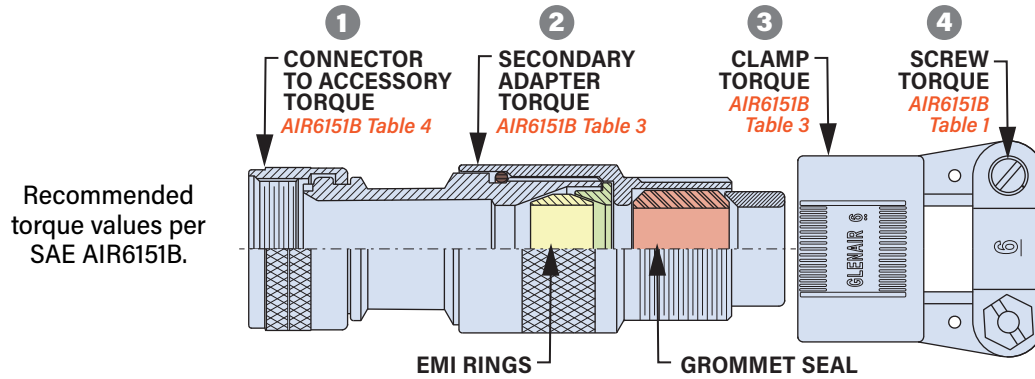
Adapter Code	Specifications	Manufacturer's Prefix	Shell Size and Thread Size	
			Shell Size	Adapter Thread Size UNEF
	BS9522 F0017 PATT 105 BS9522 F0020 PATT 608 BS9522 N0001 PATT 603	162GB Amphenol Ltd. 62GB Amphenol Ltd.	08	0.4375-28
			10	0.5625-24
			12	0.6875-24
			14	0.8125-20
			16	0.9375-20
			18	1.0625-18
			20	1.1875-18
			22	1.3125-18
<i>Contact Glenair for accessory ordering information</i>			24	1.4375-18

Adapter Code	Specifications	Manufacturer's Prefix	Shell Size and Thread Size	
			Shell Size	Adapter Thread Size ISO Metric
	Mighty Mouse Mil-Aero	806 Glenair	08	M10 x 1.0-6H
			09	M12 x 1.0-6H
			10	M14 x 1.0-6H
			11	M15 x 1.0-6H
			12	M17 x 1.0-6H
			14	M19 x 1.0-6H
			16	M22 x 1.0-6H
			18	M25 x 1.0-6H
			20	M28 x 1.0-6H
			22	M31 x 1.0-6H
24	M34 x 1.0-6H			

Adapter Code	Specifications	Manufacturer's Prefix	Shell Size and Thread Size	
			Shell Size	Adapter Thread Size
	GeoMarine	22 Glenair	10	0.625-24 UNEF
			12	0.750-20 UNEF
			14	0.875-20 UNEF
			16	1.000-20 UNEF
			18	1.125-16 UN
			20	1.250-16 UN
			22	1.375-16 UN
			24	1.500-16 UN
<i>See GeoMarine Series 22 Catalog for accessory ordering information</i>				

Reference Guides

Connector Accessory Recommended Torque



1 AIR6151B Table 4 Connector Accessory Assembly Torque

TYPE 1 LIGHT & MEDIUM DUTY

- AS50151 Series I (AS31001)
- MIL-DTL-26482 Series I
- MIL-DTL-26500
- MIL-DTL-38999 Series I and II
- AS81511

TYPE 2 HEAVY DUTY

- AS50151 Series II, III (AS34001)
- MIL-DTL-22992
- MIL-DTL-26482 Series II
- MIL-DTL-28840
- MIL-DTL-38999 Series III and IV
- AS81703 Series 3
- MIL-DTL-83733 Series I, II, III

Connector Shell Size	MIN/MAX IN-LB				
	Type 1 Aluminum Light and Medium Duty	Type 2 Aluminum Heavy Duty	Type 3 Composite Accessories	Type 4 Aluminum, High Vibration (Engine) Applications	Type 5 Stainless Steel, High Vibration (Engine) Applications
8, 9, A	30/40	51/61	20/25	66/77	91/101
3, 10, 10SL, 11, B	30/40	71/81	20/30	103/113	115/125
7, 12, 13, C	35/45	103/113	25/35	115/125	115/125
14, 15, D	35/45	111/121	25/35	139/149	139/149
16, 17, E	35/45	111/121	30/40	139/149	139/149
18, 19, F	35/45	111/121	30/40	139/149	175/185
20, 21, 37, G	75/85	131/141	35/45	175/185	199/209
22, 23, H	75/85	131/141	35/45	175/185	223/233
24, 25, 61, J	75/85	131/141	35/45	175/185	259/269
28, 29	115/125	143/153	115/125	187/197	307/317
32, 33	115/125	143/153			
36	115/125	143/153			
40	155/165	159/169			
44	155/165	159/169			
48	155/165	159/169			

2 3 AIR6151B Table 3 Secondary Adapter Torque and Clamp Torque

Clamp Size	Grommet Seal MIN/MAX IN-LB	EMI Rings MIN/MAX IN-LB
3	8/12	30/40
4	10/15	30/40
6	10/15	35/55
8	12/20	35/55
10	12/20	35/55
12	16/30	40/60
16	20/40	40/60
20	20/40	40/60
24	25/45	80/100
28	30/50	80/100
32	30/50	80/100
40	40/60	80/100

4 AIR6151B Table 1 Screw Torque

Screw Size	MIN/MAX IN-LB		
	Standard Installation into Aluminum and SST	Composite Accessories or Aluminum with less than 3 threads of engagement	High Vibration Areas Engines Cinch Nuts Ground Straps
2-56	1.5/2.5	1.2/2.0	2.0/2.5
4-40	3.5/4.5	2.8/3.6	3.5/4.5
6-32	5.0/7.0	4.0/5.6	5.5/6.5
8-32	7.0/9.0	5.6/7.2	7.5/8.5
10-32	9.0/11.0	7.2/8.8	8.5/10.5
.250-20	11.0/13.0	8.8/10.4	10.5/15.5

Reference Guides

Assembly Tools

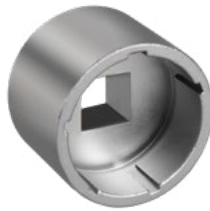
Assembly Tools

Series 60 Tools provide fast and accurate installation of adapters onto circular connectors. Install connector holding fixture onto torque wrench and insert mating face of wired connector onto fixture. Next, hand-tighten adapter coupling nut, making sure to fully seat adapter teeth into connector teeth. Then, use strap wrench, soft jaw pliers or coupling nut wrench to tighten nut to desired torque.

For more information: <https://www.glenair.com/tools/>



600-162BV
Bench Mount Torque Wrench



600*005
Connector Holding Fixture



600-006
Coupling Nut Wrench



TG70
Strap Wrench



TG69
Soft Jaw Pliers



600-157
Composite Coupling Nut Wrench

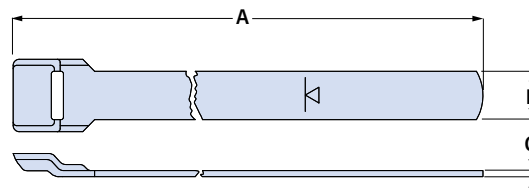
Reference Guides

Band Straps and Tools for Shield Termination

Band-Master ATS®



Terminate cable braid shield to adapter with stainless steel **Band-Master ATS®** bands. Install band with hand tool or bench-mounted pneumatic tool. Bands are available in three widths: **Standard** (.24 inch), **Micro** (.12 inch) and **Nano** (.075 inch). **Slim Standard** and **Micro Slim** bands have reduced thickness for weight reduction. Available flat or pre-coiled, bands are 304 series stainless steel, passivated.

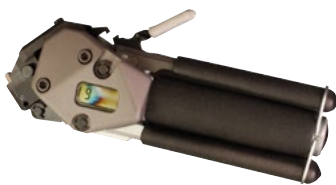


For more information on the Band-Master ATS EMI shield termination system, including instruction manuals and calibration details:

<https://www.glenair.com/bandmaster/>

Band Part Numbers

Size	A		Fits up to		B		C		Part Number		Hand Tool Part Number
	Length in	mm	in	mm	Width in	mm	Thickness in	mm	Flat	Pre-coiled	
Standard	9	228	1.00	25.4	.24	6.1	.02	0.5	601-005	601-006	601-100
	14	355	1.80	45.7	.24	6.1	.02	0.5	601-040	601-041	
	18	457	2.50	63.5	.24	6.1	.02	0.5	601-049	601-050	
Slim Standard	9	228	.94	23.9	.24	6.1	.01	0.3	601-570	601-571	601-109
	14	355	1.80	45.7	.24	6.1	.01	0.3	604-572	601-573	
Micro	5	127	.50	12.7	.12	3.0	.015	0.4	601-024	601-025	601-101
	8	203	.88	22.4	.12	3.0	.015	0.4	601-060	601-061	
	14	356	1.88	47.7	.12	3.0	.015	0.4	601-064	601-065	
Micro Slim	8	203	.88	22.4	.12	3.0	.01	0.3	601-600	601-601	601-122
	14	356	1.88	47.7	.12	3.0	.01	0.3	601-602	601-603	
Nano	6	152	.60	15.2	.075	1.9	.009	0.9	601-500	601-501	601-108
	9	229	.94	23.9	.075	1.9	.009	0.9	601-504	601-505	
	14	356	1.80	45.7	.075	1.9	.009	0.9	601-508	601-509	



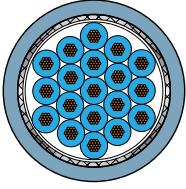
Hand Tool for Band Installation



High Volume Pneumatic Tool

Reference Guides

Wire Bundle Diameter Calculator



Calculating Wire Bundle Diameter

Use this calculator to find the approximate diameter of a wire bundle. The wire bundle diameter is used to select the proper accessory cable entry size. Add .025 inches to the diameter if the bundle has an overall braid shield, plus 2X the jacket thickness. If the bundle diameter almost exceeds the maximum allowable diameter for an entry size, then it is a good idea to move up to the next larger entry size. Undersize bundles can be enlarged with bushings or silicone tape to fit the cable clamp.

Wire Diameter Bundle Calculator

	Steps	Example
All wires in bundle are the same diameter	Multiply wire diameter by the appropriate multiplication factor shown in table below	20 wires @ .058 inch diameter Multiplication Factor from Table = 5.6 $(.058) \times (5.6) = .33$ bundle diameter
	<ol style="list-style-type: none"> Multiply each diameter by the number of wires of that diameter 	20 wires @ .058 inch diameter $20 \times .058 = 1.160$ 4 wires @ .111 inch diameter $4 \times .111 = .444$
Wires in bundle are different diameters	<ol style="list-style-type: none"> Add the results of Step 1 	$1.160 + .444 = 1.604$
	<ol style="list-style-type: none"> Divide the sum by the total number of wires 	$1.604 \div 24 = .067$ average diameter
	<ol style="list-style-type: none"> Multiply average diameter by the factor in table 	$(.067) \times 6.0 = .40$ bundle diameter

Wire Bundle Diameter Factors

Number of Wires	Multiplication Factor	Number of Wires	Multiplication Factor
1	1.0	36	7.4
2	2.0	40	7.7
3	2.2	45	8.1
4	2.4	50	8.5
5	2.7	55	8.9
6	2.9	60	9.3
7	3.0	65	9.7
8	3.3	70	10.1
9	3.8	75	10.5
10	4.0	80	10.9
12	4.3	90	11.6
14	4.6	100	12.2
16	5.0	125	13.7
18	5.3	150	15.0
20	5.6	175	16.1
24	6.0	200	17.2
28	6.5	250	19.3
32	6.9	300	21.0

Reference Guides

Preventing Contact Splay with Expanded Clearance Accessories



Prevent Contact Splay with Expanded Clearance Backshells

This reference guide provides information on extra clearance backshells. Standard clamps and adapters are too small for size 8 coax, twinax, quadax and octaxial contacts with sealing boots. This interference causes axial displacement of the boot, leading to contact splay. Standard 45° and 90° elbows can also cause axial stress on contacts along with overbending of wires.

Expanded clearance accessories can eliminate these problems. These accessories have larger inside dimensions to avoid interference with sealing boots. Expanded clearance extenders and banding adapters have full radius "swept" 45 and 90 degree elbows prevent overbending of wires. Expanded clearance saddle clamps (P/N 620-090) have lengthened frames for improved management of coax and shielded twisted pair cables.

Expanded Clearance Extender Backshell

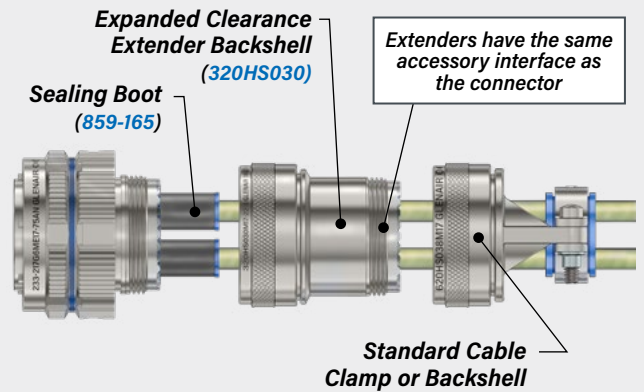
Expanded clearance extender backshells have larger inside dimensions to avoid interference with sealing boots. Attach a standard backshell to the extender. Swept 45° and 90° extenders prevent overbending of large diameter cables used with coax, twinax, quadax and octaxial contacts.



Expanded Clearance Extender
320-030



Expanded Clearance Composite Extender
320H*031



Connector	Extender Part Number	Composite Extender Part Number
MIL-DTL-38999 Series III, IV	320H*030	320H*031
Series 80 Mighty Mouse	320M*030	-
Series 806 Mil-Aero	320V*030	-

Expanded Clearance Banding Backshell

Expanded clearance banding backshells are available in two styles: 440-233 with optional shrink boot, or 443-042 shrouded "band-in-a-can" version with saddle clamp strain relief. Terminate cable braid shield to adapter with stainless steel *Band-Master ATS®* bands. 45 and 90 degree profiles have swept elbows to maintain minimum wire bend radius requirements.



Expanded Clearance Banding Backshell
440-233



Expanded Clearance Shrouded Banding Backshell
443-042

Connector	Banding Backshell Part Number	Shrouded Banding Backshell Part Number
MIL-DTL-38999 Series III, IV	440H*233	443H*042
Series 80 Mighty Mouse	440M*233	443M*042
Series 806 Mil-Aero	440V*233	443V*042

Expanded Clearance Saddle Clamp

Expanded clearance saddle clamp has increased inside dimensions to eliminate interference with size 8 contacts and sealing boots. Increased frame length reduces axial stress on wires.



Expanded Clearance Saddle Clamp
620-090

Connector	Saddle Clamp Part Number
MIL-DTL-38999 Series III, IV	620HS090
Series 80 Mighty Mouse	620MS090
Series 806 Mil-Aero	620VS090

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY

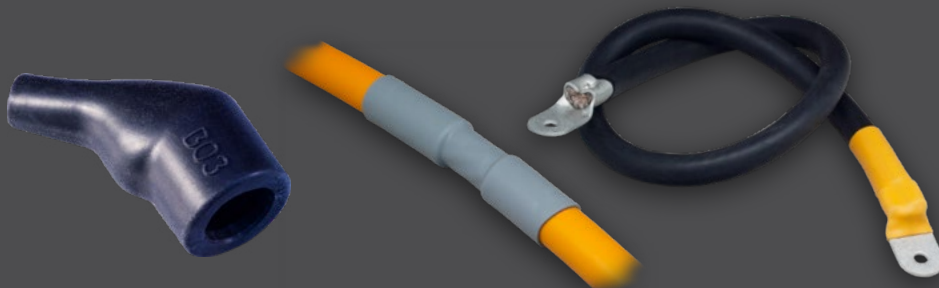
AUTOSHRINK™

Fast and easy cold-action shrink boot and tubing solutions



Designed for rugged weathering, UV and ozone-resistant performance, Glenair Autoshrink is the one-piece easy-action shrink boot and tubing solution. Quickly attach shrink boots, splice insulation, or repair Glenair Duraelectric formula jacketing. Straight, 45° and 90° angle lipped shrink boots lock into boot groove on adapters to keep out environmental debris. Universal design Autoshrink tubing delivers reliable and durable sealing as well as mechanical protection for cable-end terminations in harsh military and industrial applications. Built from Glenair Duraelectric formula material, Autoshrink is fully hydrophobic and resistant to caustic chemicals and solvents. Easy-action spiral hold-out and large cold shrink ratio makes for fast installation and durable, split-resistant performance.

- Straight, 45° and 90° angle-lipped shrink boots and shrink tubing
- Fast and easy installation
- Four high-performance material types
- Fire-resistance in all material types
- Reliable IP68 sealing
- 3000 VAC rated
- Multiple color options
- Service temperature range: -65°C to 300°C
- Ideal for repair of cables and conduit with Duraelectric jacketing
- Extreme UV / sunlight resistance
- Integrated ground strap versions available



Mil-Aero / industrial fluid-resistant lipped shrink boots

Fast and easy repair of Duraelectric-jacketed cables

Utilize for termination of lugs on new installations

Series 31 Shrink Boot Adapters

Selection Guide

- Lightweight, low profile
- EMI Braid Trap with tapered candelabra thread
- Available with self-locking coupling nuts for high vibration environments
- Eleven styles to choose from



Shrink Boot Adapter



Braid Trap Adapter for Shielded Cables



Braid Sock Adapter

Series 31 Shrink Boot Adapters

Lightweight **Series 31 Shrink Boot Adapters** fit standard mil spec circular electrical connectors. Adapter has groove for lipped style heatshrink boots. **Braid Trap Adapters** have an EMI nut for terminating cable braid to connector. Labor-saving **Piggyback Boot Adapters** have pre-installed boots for fast, easy installation. For shielded cables, a drop-in adapter attaches to cable braid with Band-Master banding strap. **Braid Sock Adapters** have a length of shield braid attached to adapter.

Styles



Shrink Boot Adapter, Spin Coupling



Shrink Boot Adapter, Direct Coupling



Shrink Boot Adapter, Composite



Shrink Boot Adapter, Pre-installed Boot



Shrink Boot Adapter, Composite, Pre-installed Boot



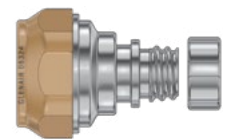
Shrink Boot Adapter, Pre-installed Boot, Banding Adapter



Shrink Boot Adapter, Composite, Pre-installed Boot, Banding Adapter



Shrink Boot Adapter, EMI Braid Trap



Shrink Boot Adapter, EMI Braid Trap, Composite



Shrink Boot Adapter, Braid Sock



Shrink Boot Adapter, Braid Sock, Composite

Series 31 Shrink Boot Adapters

Selection Guide








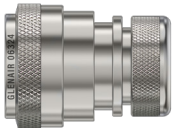
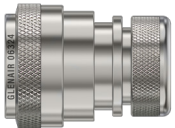
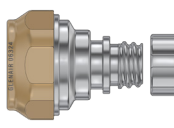





Adapter Code A AS50151 Crimp AS95234 MIL-DTL-26482 Ser. II MIL-DTL-83723 Ser. III						
	Shrink Boot Adapter, Spin Coupling 310A*001 Page 31-4	Shrink Boot Adapter, Direct Coupling 310AS034 Page 31-5	Shrink Boot Adapter, Composite, Self-Locking 310A*045 Page 31-6	Shrink Boot Adapter, Pre-installed Boot 310AS055 Page 31-7	Composite Shrink Boot Adapter, Pre-installed Boot 310AS048 Page 31-8	Shrink Boot Adapter, Pre-installed Boot, EMI 310A*058 Page 31-9
Composite Shrink Boot Adapter, Pre-installed Boot, EMI 310A*057 Page 31-11	Shrink Boot Adapter, Braid Trap EMI, Spin Coupling 311A*001 Page 31-13	Shrink Boot Adapter, Braid Trap EMI, Self-Locking 311A*039 Page 31-15	Shrink Boot Adapter, Braid Trap, Composite 311A*019 Page 31-17	Shrink Boot Adapter, Braid Sock, Spin Coupling 319A*001 Page 31-18	Shrink Boot Adapter, Braid Sock, Self-Locking 319A*044 Page 31-20	Shrink Boot Adapter, Braid Sock, Composite 319AS155 Page 31-22

Adapter Code B AS50151 Solder		Adapter Code D MIL-DTL-26482 Series I	
	Shrink Boot Adapter, Direct Coupling 310BS034 Page 31-23		Shrink Boot Adapter, Direct Coupling 310DS034 Page 31-24

Adapter Code F MIL-DTL-38999 Series I and II						
	Shrink Boot Adapter, Spin Coupling 310F*001 Page 31-25	Shrink Boot Adapter, Direct Coupling 310FS034 Page 31-26	Shrink Boot Adapter, Composite, Self-Locking 310F*045 Page 31-27	Shrink Boot Adapter, Pre-installed Boot 310FS055 Page 31-28	Composite Shrink Boot Adapter, Pre-installed Boot 310FS048 Page 31-29	Shrink Boot Adapter, Pre-installed Boot, EMI 310F*058 Page 31-30
Composite Shrink Boot Adapter, Pre-installed Boot, EMI 310F*057 Page 31-32	Shrink Boot Adapter, Braid Trap EMI, Spin Coupling 311F*001 Page 31-34	Shrink Boot Adapter, Braid Trap EMI, Self-Locking 311F*039 Page 31-36	Shrink Boot Adapter, Braid Trap, Composite 311F*019 Page 31-38	Shrink Boot Adapter, Braid Sock, Spin Coupling 319F*001 Page 31-39	Shrink Boot Adapter, Braid Sock, Self-Locking 319F*044 Page 31-41	Shrink Boot Adapter, Braid Sock, Composite 319FS155 Page 31-43

Series 31 Shrink Boot Adapters

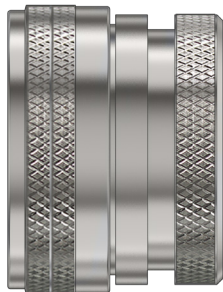
Selection Guide

<p>Adapter Code H MIL-DTL-38999 Series III and IV</p>	 Shrink Boot Adapter, Spin Coupling 310H*001 Page 31-44	 Shrink Boot Adapter, Direct Coupling 310HS034 Page 31-45	 Shrink Boot Adapter, Composite, Self-Locking 310H*045 Page 31-46	 Shrink Boot Adapter, Pre-installed Boot 310HS055 Page 31-47	 Composite Shrink Boot Adapter, Pre-installed Boot 310HS048 Page 31-48	 Shrink Boot Adapter, Pre- installed Boot, EMI 310H*058 Page 31-49
	 Composite Shrink Boot Adapter, Pre-installed Boot, EMI 310H*057 Page 31-51	 Shrink Boot Adapter, Braid Trap EMI, Spin Coupling 311H*001 Page 31-53	 Shrink Boot Adapter, Braid Trap EMI, Self- Locking 311H*039 Page 31-55	 Shrink Boot Adapter, Braid Trap, Composite 311H*019 Page 31-57	 Shrink Boot Adapter, Braid Sock, Spin Coupling 319H*001 Page 31-58	 Shrink Boot Adapter, Braid Sock, Self-Locking 319H*044 Page 31-60
<p>Adapter Code M Series 80 Mighty Mouse</p>	 Shrink Boot Adapter, Direct Coupling 310MS034 Page 31-63	 Shrink Boot Adapter, Braid Sock 319MS001 Page 31-64				
	<p>Adapter Code P Series 970 PowerTrip</p>	 Shrink Boot Adapter, Spin Coupling 310P*001 Page 31-65				

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310A*001 Shrink Boot Adapter, Spin Coupling



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

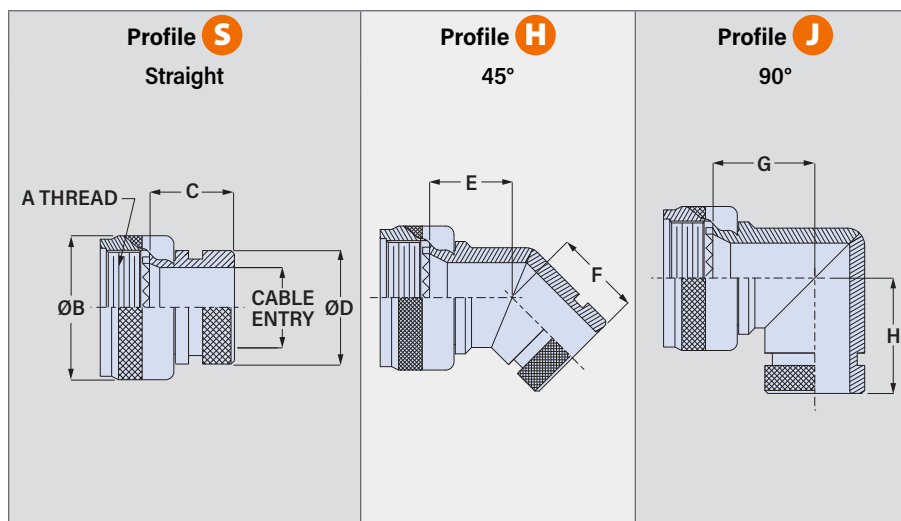


Shell Size	Shrink Boot P/N
08	770-003S102
10	770-001S103
12	770-001S103
14	770-001S103
16	770-001S104
18	770-001S104
20	770-001S106
22	770-001S107
24	770-001S107
28	770-001S108
32	770-001S108
36	770-001S108
40	770-001S109

Spin coupling. Boot groove. 310A*001 shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel.

PART NUMBER

PART NUMBER		310AS001	M	16	T
Base P/N	Base Part No.	310AS001	M	16	T
	Profile	S Straight			
		310AH001 H 45°			
		310AJ001 J 90°			
Material/Finish	M	Alum/ Electroless Nickel			
	MT	Alum/ Nickel-PTFE			
	NF	Alum/ Olive Drab Cadmium			
	ZR	Alum/ Black Zinc-Nickel			
	TZ	Alum/ Tin-Zinc			
	ZI	SST/ Passivated			
Shell Size		08 10 12 14 16 18 20 22 24 28 32 36 40			
Shrink Boot		Omit if not required			
	T	Shrink Boot included			



Shell Size	A Thread Class 2B	ø B Max		C Max		ø D Max		E Max		F Max		G Max		H Max		Cable Entry Min	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.65	16.5	.940	23.9	.533	13.5	.639	16.2	.810	20.6	.750	19.1	.920	23.4	.250	6.4
10	0.625-24 UNEF	.77	19.6	.940	23.9	.605	15.4	.664	16.9	.840	21.3	.810	20.6	.980	24.9	.355	9.0
12	0.750-20 UNEF	.94	23.9	.940	23.9	.774	19.7	.688	17.5	.860	21.8	.870	22.1	1.040	26.4	.491	12.5
14	0.875-20 UNEF	1.07	27.2	.940	23.9	.838	21.3	.705	17.9	.890	22.6	.920	23.4	1.110	28.2	.565	14.4
16	1.000-20 UNEF	1.21	30.7	.940	23.9	.963	24.5	.732	18.6	.910	23.1	.980	24.9	1.170	29.7	.690	17.5
18	1.0625-18 UNEF	1.23	31.2	.940	23.9	1.042	26.5	.748	19.0	.920	23.4	1.020	25.9	1.190	30.2	.769	19.5
20	1.1875-18 UNEF	1.36	34.5	.940	23.9	1.217	30.9	.773	19.6	.940	23.9	1.080	27.4	1.250	31.8	.894	22.7
22	1.3125-18 UNEF	1.48	37.6	.940	23.9	1.355	34.4	.800	20.3	.980	24.9	1.140	29.0	1.330	33.8	1.019	25.9
24	1.4375-18 UNEF	1.73	43.9	.940	23.9	1.443	36.7	.823	20.9	1.010	25.7	1.200	30.5	1.400	35.6	1.134	28.8
28	1.750-18 UNS	1.97	50.0	.940	23.9	1.709	43.4	1.041	26.4	1.180	30.0	1.480	37.6	1.640	41.7	1.369	34.8
32	2.000-18 UNS	2.22	56.4	1.005	25.5	1.919	48.7	1.092	27.7	1.370	34.8	1.610	40.9	1.880	47.8	1.615	41.0
36	2.250-16 UN	2.47	62.7	1.005	25.5	2.169	55.1	1.137	28.9	1.416	36.0	1.720	43.7	1.990	50.6	1.830	46.5
40	2.500-16 UN	2.72	69.1	1.005	25.5	2.402	61.0	1.183	30.1	1.462	37.2	1.830	46.5	2.100	53.3	2.045	51.9

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310AS034 Shrink Boot Adapter, Direct Coupling

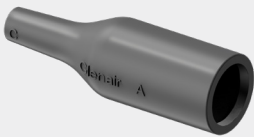


Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



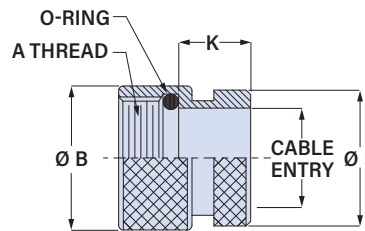
Shell Size	Shrink Boot P/N
08	770-001S103
10	770-001S103
12	770-001S104
14	770-001S106
16	770-001S106
18	770-001S107
20	770-001S107
22	770-001S108
24	770-001S108
28	770-001S109
32	770-001S109
36	770-003S110
40	770-003S110

Direct coupling. Low profile. 310AS034 shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel.

PART NUMBER

310AS034 NF 22 T

Base P/N	310AS034
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40
Shrink Boot	Omit if not required T Shrink Boot included



Shell Size	A Thread Class 2B	Ø B Max		K Max		Ø L Max		Cable Entry Min	
		in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.65	16.5	.500	12.7	.688	17.5	.250	6.4
10	0.625-24 UNEF	.77	19.6	.500	12.7	.803	20.4	.355	9.0
12	0.750-20 UNEF	.97	24.6	.500	12.7	.938	23.8	.491	12.5
14	0.875-20 UNEF	1.09	27.7	.500	12.7	1.063	27.0	.565	14.4
16	1.000-20 UNEF	1.22	31.0	.500	12.7	1.238	31.4	.690	17.5
18	1.0625-18 UNEF	1.22	31.0	.500	12.7	1.310	33.3	.769	19.5
20	1.1875-18 UNEF	1.34	34.0	.500	12.7	1.436	36.5	.844	21.4
22	1.3125-18 UNEF	1.47	37.3	.500	12.7	1.560	39.6	1.019	25.9
24	1.4375-18 UNEF	1.59	40.4	.500	12.7	1.686	42.8	1.134	28.8
28	1.750-18 UNS	1.97	50.0	.687	17.4	2.062	52.4	1.369	34.8
32	2.000-18 UNS	2.28	57.9	.687	17.4	2.312	58.7	1.615	41.0
36	2.250-16 UN	2.53	64.3	.687	17.4	2.562	65.1	1.830	46.5
40	2.500-16 UN	2.78	70.6	.687	17.4	2.812	71.4	2.045	51.9

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310A*045 Shrink Boot Adapter, Composite



Self-Locking

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

SHRINK BOOT

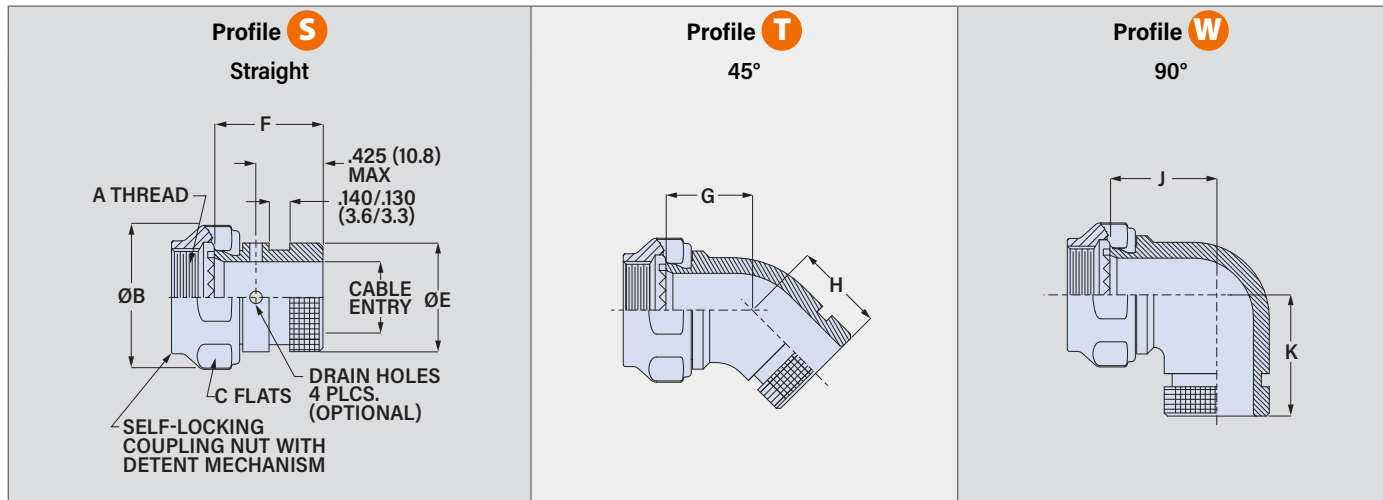
Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Corrosion-proof composite material. 310A*045 composite shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has groove for lipped shrink boot. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic.

PART NUMBER

	310AS045	XB	16	D	T
Base P/N	Base Part No.	Profile			
	310AS045	S Straight			
	310AT045	T 45°			
	310AW045	W 90°			
Finish	XB	No Plating (Black Color)			
	XM	Electroless Nickel			
	XMT	Nickel-PTFE			
	XW	Olive Drab Cadmium			
	XZR	Black Zinc-Nickel			
Shell Size	08 10 12 14 16 18 20 22 24				
Drain Holes	Omit if not required				
	D	Drain Holes			
Shrink Boot	Omit if not required				
	T	Shrink Boot included			



Shell Size	A Thread Class 2B	øB Max	C Hex Flats	øE Max	F Max	G Max	H ±.06(1.5)	J Max	K ±.06(1.5)	Cable Entry Min	Shrink Boot P/N									
08	0.500-20 UNF	.86	21.8	.750	19.1	.533	13.5	.940	23.9	.78	19.8	1.049	26.6	.74	18.8	1.159	29.4	.250	6.4	770-003S102
10	0.625-24 UNEF	.98	24.9	.875	22.2	.605	15.4	.940	23.9	.81	20.6	1.075	27.4	.80	20.3	1.221	31.0	.355	9.0	770-001S103
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.774	19.7	.940	23.9	.81	20.6	1.100	27.9	.86	21.8	1.283	32.6	.491	12.5	770-001S103
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.838	21.3	.940	23.9	.82	20.8	1.126	28.6	.93	23.6	1.346	34.2	.565	14.4	770-001S103
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.963	24.5	.940	23.9	.84	21.3	1.146	29.1	.99	25.1	1.409	35.8	.690	17.5	770-001S104
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	1.042	26.5	.940	23.9	.85	21.6	1.165	29.6	1.05	26.7	1.471	37.4	.769	19.5	770-001S104
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.217	30.9	.940	23.9	.88	22.4	1.189	30.2	1.12	28.4	1.533	38.9	.894	22.7	770-001S106
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.355	34.4	.940	23.9	.92	23.4	1.230	31.2	1.18	30.0	1.596	40.5	1.019	25.9	770-001S107
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.443	36.7	.940	23.9	.97	24.6	1.256	31.9	1.24	31.5	1.659	42.1	1.134	28.8	770-001S107

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310AS055 Shrink Boot Adapter, Pre-installed Boot



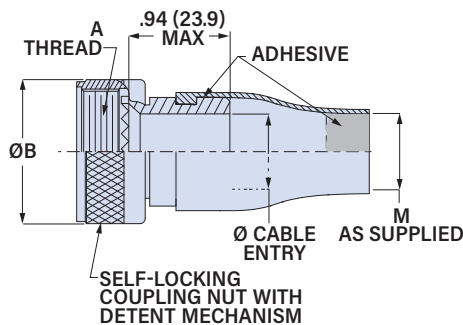
Self-Locking

- Pre-installed boot for 50% faster boot installation
- Environmental
- Adhesive lined
- 3 boot material options
- Aluminum or SST adapter

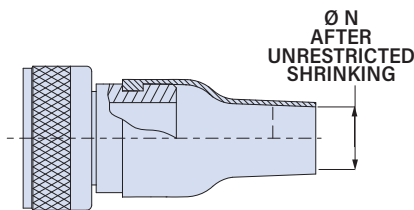
Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

As Supplied



After Shrinking



Fast installation, environmental, self-locking. 310AS055 "piggyback" shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Use with jacketed, unshielded cable. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 U.S. Army approved flexible polyolefin. Adapter is aluminum or stainless steel, available in standard mil spec finishes. Polyamide adhesive.

PART NUMBER

Base P/N	310AS055
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated
Shell Size	08 10 12 14 16 18 20 22 24
Boot Material	-1 Type 1 High Performance Semi-Rigid Elastomer -2 Type 2 Zero Halogen Semi-Rigid Polyolefin -3 Type 3 Flexible Polyolefin

SHRINK BOOT MATERIAL SELECTION GUIDE

	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Shell Size	A Thread Class 2B	Ø B Max in mm	Ø M Min in mm	Ø N Max in mm	Min Cable Entry in mm
08	0.500-20 UNF	.69 17.5	.250 6.4	.197 5.0	.250 6.4
10	0.625-24 UNEF	.82 20.8	.355 9.0	.197 5.0	.355 9.0
12	0.750-20 UNEF	.94 23.9	.491 12.5	.236 6.0	.491 12.5
14	0.875-20 UNEF	1.06 26.9	.565 14.4	.236 6.0	.565 14.4
16	1.000-20 UNEF	1.17 29.7	.690 17.5	.276 7.0	.690 17.5
18	1.0625-18 UNEF	1.46 37.1	.769 19.5	.335 8.5	.769 19.5
20	1.1875-18 UNEF	1.60 40.6	.894 22.7	.394 10.0	.894 22.7
22	1.3125-18 UNEF	1.70 43.2	1.019 25.9	.394 10.0	1.019 25.9
24	1.4375-18 UNEF	1.84 46.7	1.134 28.8	.591 15.0	1.134 28.8

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310AS048 Shrink Boot Adapter, Pre-installed Boot, Composite



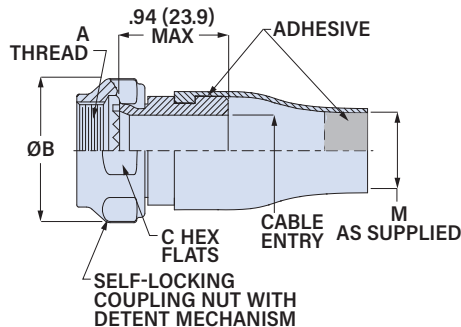
Self-Locking

- Pre-installed boot for 50% faster boot installation
- Environmental
- Adhesive lined
- 3 boot material options
- Corrosion-proof composite

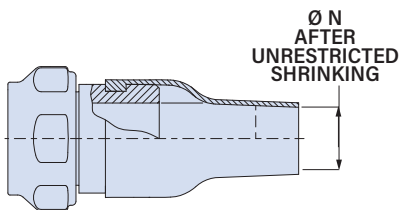
Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

As Supplied



After Shrinking



Fast installation, environmental, self-locking, corrosion-proof composite. 310AS048 "piggyback" shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Use with jacketed, unshielded cable. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Shrink boot is factory-installed onto adapter with adhesive and is shrunk onto a mandrel with a diameter equal to the cable entry size. After shrinking, cable end is pre-coated with additional adhesive. Three boot material: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin. Adapter is glass-filled high performance thermoplastic.

PART NUMBER

310AS048 XB 22 -1

Base P/N **310AS048**

Finish **XB** No Plating, Black

Shell Size **08 10 12 14 16 18 20 22 24**

Boot Material
-1 Type 1 High Performance Semi-Rigid Elastomer
-2 Type 2 Zero Halogen Semi-Rigid Polyolefin
-3 Type 3 Flexible Polyolefin

SHRINK BOOT MATERIAL SELECTION GUIDE

	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Shell Size	A Thread Class 2B	Ø B Max in mm	C Hex Flats in mm	Ø M Min in mm	Ø N Max in mm	Min Cable Entry in mm
08	0.500-20 UNF	.86 21.8	.750 19.1	.250 6.4	.197 5.0	.250 6.4
10	0.625-24 UNEF	.98 24.9	.875 22.2	.355 9.0	.197 5.0	.355 9.0
12	0.750-20 UNEF	1.16 29.5	1.000 25.4	.491 12.5	.236 6.0	.491 12.5
14	0.875-20 UNEF	1.28 32.5	1.125 28.6	.565 14.4	.236 6.0	.565 14.4
16	1.000-20 UNEF	1.41 35.8	1.250 31.8	.690 17.5	.276 7.0	.690 17.5
18	1.0625-18 UNEF	1.52 38.6	1.375 34.9	.769 19.5	.335 8.5	.769 19.5
20	1.1875-18 UNEF	1.64 41.7	1.500 38.1	.894 22.7	.394 10.0	.894 22.7
22	1.3125-18 UNEF	1.77 45.0	1.625 41.3	1.019 25.9	.394 10.0	1.019 25.9
24	1.4375-18 UNEF	1.89 48.0	1.750 44.5	1.134 28.8	.591 15.0	1.134 28.8



Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310A*058 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter

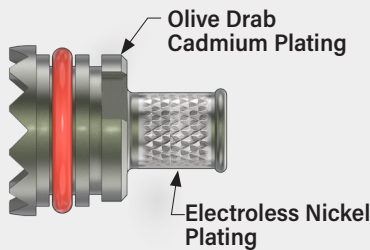


Self-Locking

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- 3 material options
- "Drop-in" EMI banding adapter

Adapter Code	A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

FIG. 1: NFS PLATING



Banding Adapter with selective NFS plating finish

BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

Fast installation, shielded, environmental, self-locking. 310A*058 "piggyback" shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Use with jacketed, shielded cable. Terminate cable overbraid to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Shrink boot is factory-installed onto adapter with adhesive and is shrunk onto a mandrel with a diameter equal to the cable entry size. After shrinking, cable end is pre-coated with additional adhesive. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin Backshell, coupling nut and drop-in banding adapter are aluminum. Silicone O-ring, polyamide hot melt adhesive.

PART NUMBER

310AS058 NF 16 -2 K

Base P/N	Base Part No.	Profile
	310AS058	S Straight
	310AA058	A 90° Boot
	310AB058	B 45° Boot
Material/Finish	M Alum/ Electroless Nickel	
	MT Alum/ Nickel-PTFE	
	NF Alum/ Olive Drab Cadmium	
	NFS Alum/ Olive Drab Cadmium, Selective (fig. 1)	
	ZR Alum/ Black Zinc-Nickel	
	TZ Alum/ Tin-Zinc	
Shell Size	08 10 12 14 16 18 20 22 24	
Boot Material	-1 Type 1 High Performance Semi-Rigid Elastomer	
	-2 Type 2 Zero Halogen Semi-Rigid Polyolefin	
	-3 Type 3 Flexible Polyolefin	
Band	<i>Omit if not required</i>	
	K Pre-Coiled MicroBand included With Backshell	

SHRINK BOOT MATERIAL SELECTION GUIDE

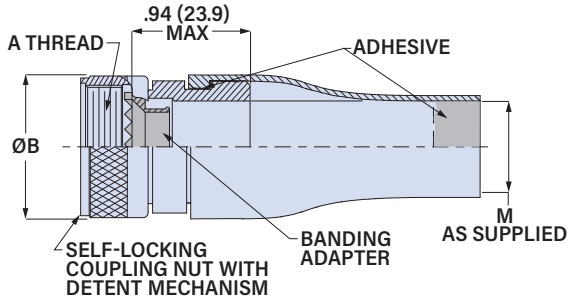
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Series 31 Shrink Boot Adapters

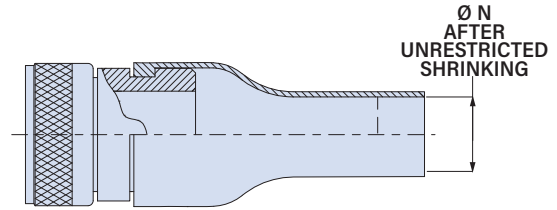
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310A*058 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter

As Supplied

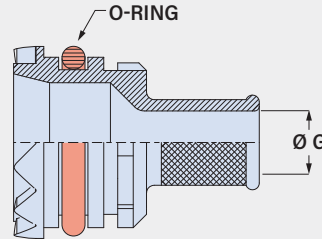


After Shrinking



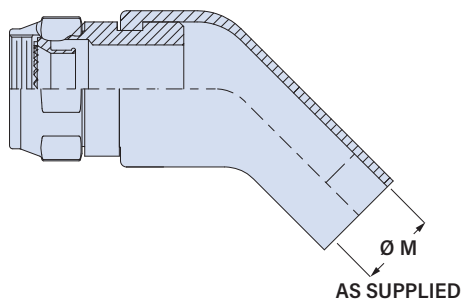
Shell Size	A Thread Class 2B	Ø B Max		Ø M Min		Ø N Max	
		in	mm	in	mm	in	mm
08	0.500-20 UNF	.69	17.5	.250	6.4	.197	5.0
10	0.625-24 UNEF	.82	20.8	.355	9.0	.197	5.0
12	0.750-20 UNEF	.94	23.8	.491	12.5	.236	6.0
14	0.875-20 UNEF	1.06	26.9	.565	14.4	.236	6.0
16	1.000-20 UNEF	1.17	29.7	.690	17.5	.276	7.0
18	1.0625-18 UNEF	1.46	37.1	.769	19.5	.335	8.5
20	1.1875-18 UNEF	1.60	40.6	.894	22.7	.394	10.0
22	1.3125-18 UNEF	1.70	43.2	1.019	25.9	.394	10.0
24	1.4375-18 UNEF	1.84	46.7	1.134	28.8	.591	15.0

BANDING ADAPTER

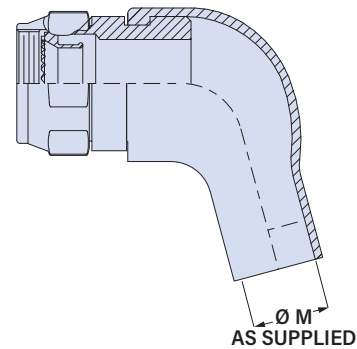


Shell Size	G Dia.	
	± .015 (0.4) in	mm
08	.160	4.1
10	.270	6.9
12	.390	9.9
14	.512	13.0
16	.610	15.5
18	.672	17.1
20	.797	20.2
22	.922	23.4
24	1.047	26.6

45°



90°



Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310A*057 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter, Composite



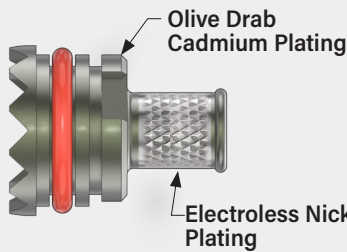
Self-Locking

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- Corrosion-proof composite material
- EMI banding adapter

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

FIG. 1: BNS PLATING



Banding Adapter with selective BNS plating finish

BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

Fast installation, shielded, environmental, self-locking. 310A*057 "piggyback" shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Use with jacketed, shielded cable. Terminate cable overbraid to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Shrink boot is factory-installed onto adapter with adhesive and is shrunk onto a mandrel with a diameter equal to the cable entry size. After shrinking, cable end is pre-coated with additional adhesive. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin. Coupling nut and adapter body are PEI thermoplastic. EMI adapter is brass. Silicone O-ring, polyamide hot melt adhesive.

PART NUMBER

310AS057 BM 18 -1 K

Base P/N	Base Part No.	Profile
	310AS057	S Straight
	310AA057	A 90° Boot
	310AB057	B 45° Boot
EMI Adapter Finish	BM	Electroless Nickel
	BMT	Nickel-PTFE
	BNS	Olive Drab Cadmium, Selective (fig. 1)
Shell Size	08 10 12 14 16 18 20 22 24	
Boot Material	-1	Type 1 High Performance Semi-Rigid Elastomer
	-2	Type 2 Zero Halogen Semi-Rigid Polyolefin
	-3	Type 3 Flexible Polyolefin
Band	<i>Omit if not required</i>	
	K	Pre-Coiled MicroBand included With Backshell

SHRINK BOOT MATERIAL SELECTION GUIDE

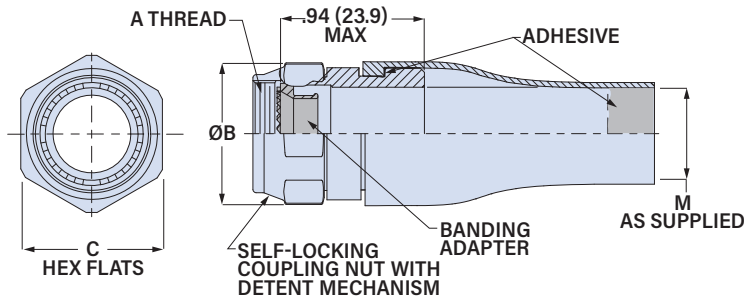
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Series 31 Shrink Boot Adapters

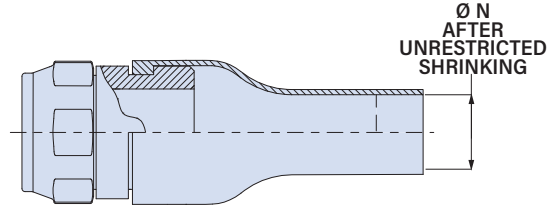
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

310A*057 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter, Composite

As Supplied

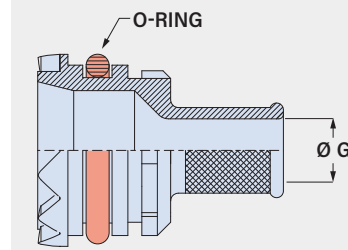


After Shrinking



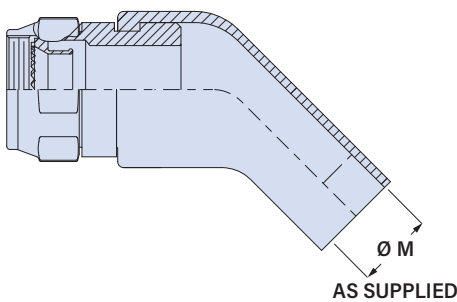
Shell Size	A Thread Class 2B	Ø B Max in	mm	C Hex Flats in	mm	Ø M Min in	mm	Ø N Max in	mm
08	0.500-20 UNF	.86	21.8	.750	19.1	.250	6.4	.197	5.0
10	0.625-24 UNEF	.98	24.9	.875	22.2	.355	9.0	.197	5.0
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.491	12.5	.236	6.0
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.565	14.4	.236	6.0
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.690	17.5	.276	7.0
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.769	19.5	.335	8.5
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	.894	22.7	.394	10.0
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.019	25.9	.394	10.0
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.134	28.8	.591	15.0

BANDING ADAPTER

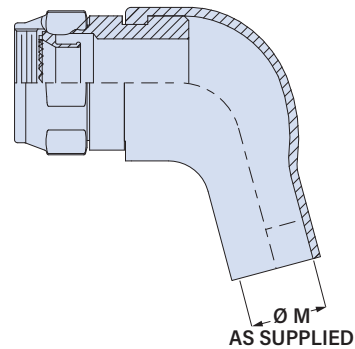


Shell Size	G Dia. ± .015 (0.4) in	mm
08	.140	3.6
10	.270	6.9
12	.390	9.9
14	.512	13.0
16	.637	16.2
18	.757	19.2
20	.881	22.4
22	1.006	25.6
24	1.131	28.7

45°



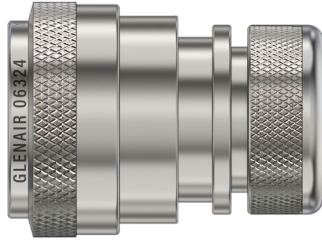
90°



Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

311A*001 Shrink Boot Adapter, Braid Trap



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

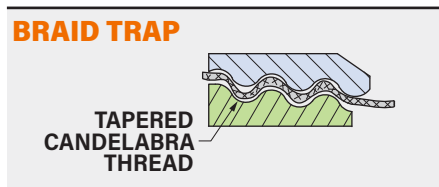


TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	Max Cable Dia. in	mm	J Max in	mm
02	08-36	.250	6.4	.515	13.1
03	10-36	.375	9.5	.640	16.3
04	12-36	.500	12.7	.765	19.4
05	16-36	.625	15.9	.920	23.4
06	18-36	.750	19.1	1.015	25.8
07	20-36	.875	22.2	1.140	29.0
08	22-36	1.000	25.4	1.265	32.1
09	24-36	1.125	28.6	1.432	36.4
10	24-36	1.250	31.8	1.515	38.5
11	28-36	1.375	34.9	1.640	41.7
12	32-36	1.500	38.1	1.765	44.8
13	36	1.750	44.5	2.015	51.2

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Shielded. Variable entry size. 311A*001 shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

311AS001	M	16	05	T
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Base P/N	Base Part No.	Profile
	311AS001	S Straight
	311AH001	H 45°
	311AJ001	J 90°

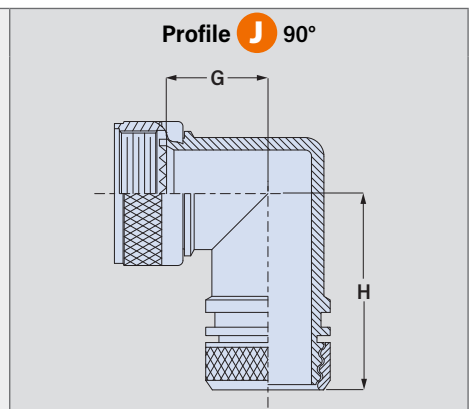
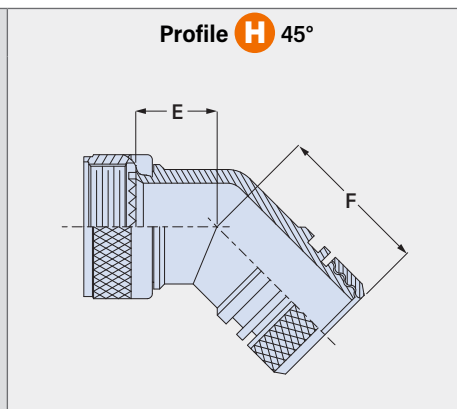
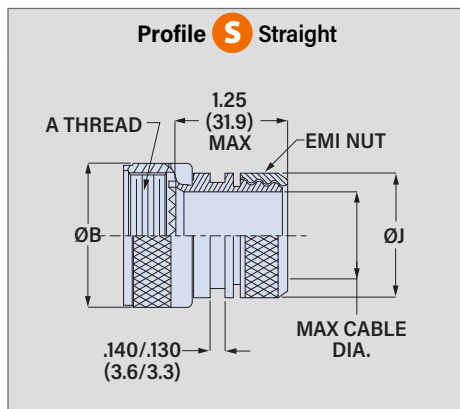
Material/ Finish	M	Alum/ Electroless Nickel
	MT	Alum/ Nickel-PTFE
	NF	Alum/ Olive Drab Cadmium
	ZR	Alum/ Black Zinc-Nickel
	TZ	Alum/ Tin-Zinc
	ZI	SST/ Passivated

Shell Size **08 10 12 14 16 18 20 22 24 28 32 36**

Entry Size *See Table 1*

Shrink Boot *Omit if not required*
T Shrink Boot included

Shell Size	A Thread Class 2B	ø B Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	Max Entry Size*
08	0.500-20 UNF	.65	16.5	.830	21.1	1.045	26.5	.940	23.9	1.155	29.3	02
10	0.625-24 UNEF	.77	19.6	.860	21.8	1.075	27.3	1.010	25.7	1.225	31.1	03
12	0.750-20 UNEF	.94	23.9	.882	22.4	1.097	27.9	1.070	27.2	1.285	32.6	04
14	0.875-20 UNEF	1.07	27.2	.900	22.9	1.125	28.6	1.130	28.7	1.345	34.2	04
16	1.000-20 UNEF	1.21	30.7	.930	23.6	1.145	29.1	1.190	30.2	1.405	35.7	05
18	1.0625-18 UNEF	1.23	31.2	.950	24.1	1.165	29.6	1.240	31.5	1.455	37.0	06
20	1.1875-18 UNEF	1.36	34.5	.980	24.9	1.195	30.4	1.310	33.3	1.525	38.7	07
22	1.3125-18 UNEF	1.48	37.6	1.000	25.4	1.215	30.9	1.360	34.5	1.575	40.0	08
24	1.4375-18 UNEF	1.73	43.9	1.030	26.2	1.245	31.6	1.430	36.3	1.645	41.8	09
28	1.750-18 UNS	1.97	50.0	1.240	31.5	1.620	41.1	1.481	37.6	1.766	44.9	11
32	2.000-18 UNS	2.22	56.4	1.292	32.8	1.750	44.5	1.798	45.7	1.886	47.9	12
36	2.250-16 UN	2.47	62.7	1.338	34.0	1.796	45.6	1.908	48.5	1.996	50.7	13



Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

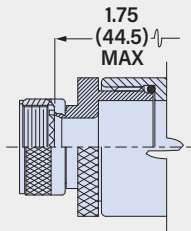
311A*001 Shrink Boot Adapter, Braid Trap

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

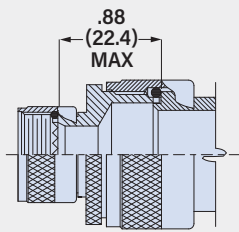
Shell Size	Max Entry Size	Shell Size	Max Entry Size
08	02	20	07
10	03	22	08
12	04	24	09
14	04	28	11
16	05	32	12
18	06	36	13

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds ½ inch to the length.

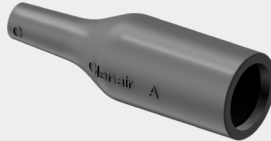
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

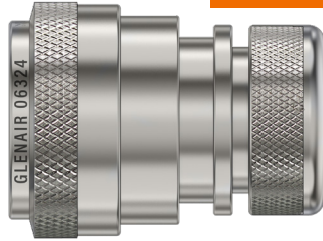


Entry Size	Shrink Boot P/N
02	770-001S103
03	770-001S103
04	770-001S104
05	770-001S104
06	770-001S105
07	770-001S106
08	770-001S106
09	770-001S107
10	770-001S107
11	770-001S108
12	770-001S108
13	770-001S108

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

311A*039 Shrink Boot Adapter, Braid Trap, Self-Locking



Self-Locking

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

BRAID TRAP



TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	Max Cable Dia. in	mm	K Max in	mm
02	08-24	.250	6.4	.515	13.1
03	10-24	.375	9.5	.640	16.3
04	12-24	.500	12.7	.765	19.4
05	16-24	.625	15.9	.920	23.4
06	18-24	.750	19.1	1.015	25.8
07	20-24	.875	22.2	1.140	29.0
08	22-24	1.000	25.4	1.265	32.1
09	24	1.125	28.6	1.432	36.4

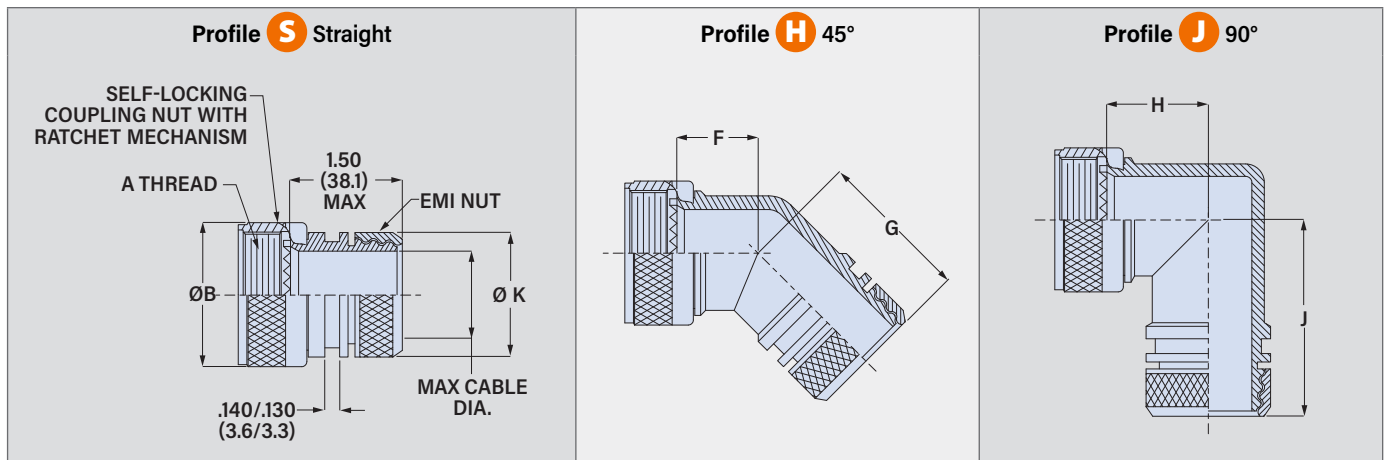
*If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Shielded. Variable entry size. 311A*039 shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel.

PART NUMBER

311AS039	M	16	05	T
Base P/N	Base Part No.	Profile		
	311AS039	S Straight		
	311AH039	H 45°		
	311AJ039	J 90°		
Material/ Finish	M Alum/ Electroless Nickel	MT Alum/ Nickel-PTFE		
	NF Alum/ Olive Drab Cadmium	ZR Alum/ Black Zinc-Nickel		
	TZ Alum/ Tin-Zinc	ZI SST/ Passivated		
Shell Size	08 10 12 14 16 18 20 22 24			
Entry Size	See Table 1			
Shrink Boot	Omit if not required T Shrink Boot included			

Shell Size	A Thread Class 2B	ø B Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	Max Entry Size*
08	0.500-20 UNF	.69	17.5	.795	20.2	1.045	26.5	.906	23.0	1.155	29.3	02
10	0.625-24 UNEF	.82	20.8	.820	20.8	1.075	27.3	.966	24.5	1.225	31.1	03
12	0.750-20 UNEF	.94	23.8	.844	21.4	1.097	27.9	1.026	26.1	1.285	32.6	04
14	0.875-20 UNEF	1.06	26.9	.861	21.9	1.125	28.6	1.076	27.3	1.345	34.2	04
16	1.000-20 UNEF	1.17	29.7	.888	22.6	1.145	29.1	1.136	28.9	1.405	35.7	05
18	1.0625-18 UNEF	1.46	37.1	.904	23.0	1.165	29.6	1.176	29.9	1.455	37.0	06
20	1.1875-18 UNEF	1.60	40.6	.929	23.6	1.195	30.4	1.236	31.4	1.525	38.7	07
22	1.3125-18 UNEF	1.70	43.2	.956	24.3	1.215	30.9	1.296	32.9	1.575	40.0	08
24	1.4375-18 UNEF	1.84	46.7	.979	24.9	1.245	31.6	1.356	34.4	1.645	41.8	09



Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

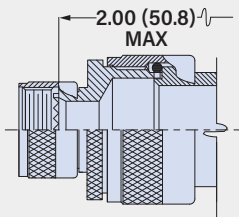
311A*039 Shrink Boot Adapter, Braid Trap, Self-Locking

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

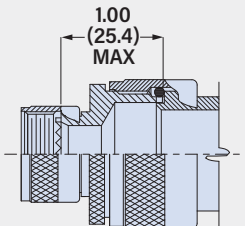
Shell Size	Max Entry Size	Shell Size	Max Entry Size
08	02	18	06
10	03	20	07
12	04	22	08
14	04	24	09
16	05		

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds ½ inch to the length.

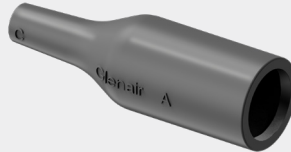
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.00 inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

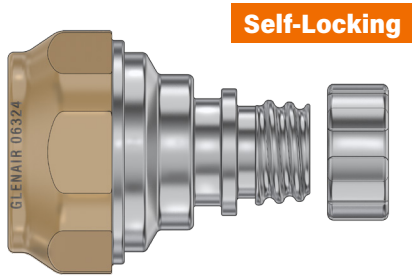


Entry Size	Shrink Boot P/N
02	770-003S112
03	770-003S103
04	770-003S103
05	770-003S104
06	770-003S104
07	770-003S105
08	770-003S106
09	770-003S107

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

311A*019 Shrink Boot Adapter, Braid Trap, Composite



Self-Locking

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

BRAID TRAP

TAPERED CANDELABRA THREAD



Corrosion-proof composite material. 311A*019 composite shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic.

PART NUMBER

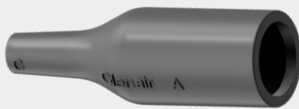
			311AS019	XM	20	06	T
Base P/N	Base Part No.	Profile					
	311AS019	S Straight					
	311AT019	T 45°					
	311AW019	W 90°					
Finish	XM	Electroless Nickel	<i>Coupling nut is natural amber color, unplated</i>				
	XMT	Nickel-PTFE					
	XW	Olive Drab Cadmium					
	XZR	Black Zinc-Nickel					
Shell Size	08 10 12 14 16 18 20 22 24						
Entry Size	<i>See Table 1</i>						
Shrink Boot	<i>Omit if not required</i>						
	T	Shrink Boot included					

TABLE 1: ENTRY SIZE

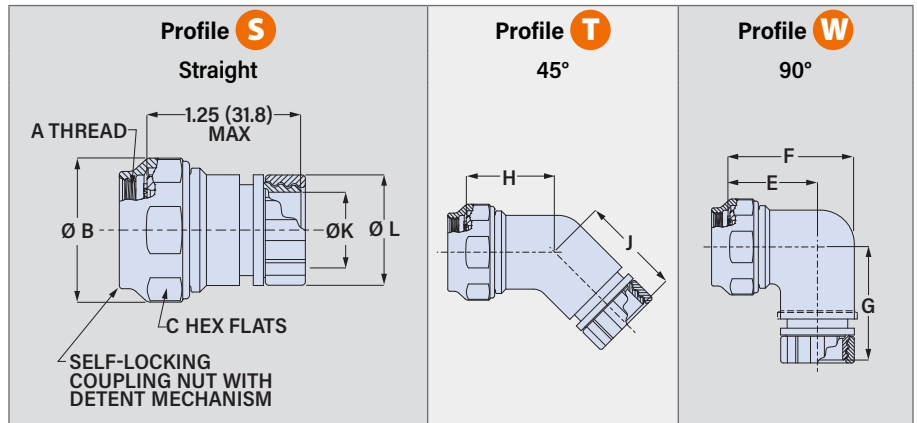
Entry Size	Shell Sizes	K Entry Dia.		L	
		±.030 (0.8) in mm	±.06 (1.5) in mm	±.06 (1.5) in mm	±.06 (1.5) in mm
02	08-24	.250	6.4	.52	13.2
03	10-24	.375	9.5	.64	16.3
04	12-24	.500	12.7	.77	19.6
05	14-24	.625	15.9	.92	23.4
06	16-24	.750	19.1	1.02	25.9
07	18-24	.810	20.6	1.14	29.0
08	20-24	.940	23.9	1.27	32.3
09	22-24	1.060	26.9	1.43	36.3
10	24	1.190	30.2	1.52	38.6

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Entry Size	Shrink Boot P/N
02	770-003S112
03	770-001S103
04	770-001S103
05	770-001S104
06	770-001S104
07	770-001S105
08	770-001S106
09	770-001S107
10	770-001S107

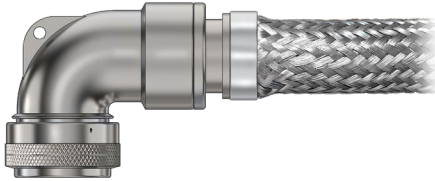


Shell Size	A Thread Class 2B	ø B Max		C Hex Flats		ø E ±.06(1.5)		F ±.09(2.3)		G ±.09(2.3)		H ±.06(1.5)		J ±.09(2.3)		Max Entry Size
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
08	0.500-20 UNF	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.19	30.2	.72	18.3	1.00	25.4	02
10	0.625-24 UNEF	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.25	31.8	.75	19.1	1.06	26.9	03
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.31	33.3	.75	19.1	1.13	28.7	04
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	.76	19.3	1.16	29.5	05
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	.78	19.8	1.18	30.0	06
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	.79	20.1	1.19	30.2	07
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	.82	20.8	1.22	31.0	08
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	.86	21.8	1.26	32.0	09
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	.89	22.6	1.29	32.8	10

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

319A*001 Shrink Boot Adapter, Braid Sock



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

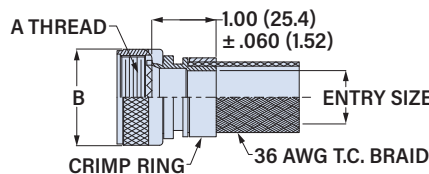
PROFILE SELECTION GUIDE

S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°

Braid Sock. 319A*001 shrink boot adapter with braid sock fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has braid attached with crimp ring. Install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel. Tin-plated copper crimp ring. Braid is 36 AWG tinned copper per A-A-59569.

PART NUMBER

	319AS001	NF	10	04	-6	T
Base P/N	Base Part No.	Profile	Shell Size			
	319AS001	S Straight	08-36			
	319AA001	A 90° Elbow	08-36			
	319AB001	B 45° Elbow	08-36			
	319AC001	C 90° Low Prof.	08-24			
	319AD001	D 90° Split	08-28			
	319AF001	F 45° Split	08-28			
	319AH001	H 45° Cut/Weld	08-24			
	319AJ001	J 90° Cut/Weld	08-24			
	Material/Finish	M	Alum/ Electroless Nickel			
MT		Alum/ Nickel-PTFE				
NF		Alum/ Olive Drab Cadmium				
ZR		Alum/ Black Zinc-Nickel				
TZ		Alum/ Tin-Zinc				
ZI		SST/ Passivated (Profiles H, J, S only)				
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36					
Entry Size	Size	Cable Entry ± .015 (0.4)	Shell Sizes*	Size	Cable Entry ± .015 (0.4)	Shell Sizes*
	01	.188 (4.8)	08-36	13	.938 (23.8)	20-36
	02	.250 (6.4)	08-36	14	1.000 (25.4)	22-36
	03	.312 (7.9)	10-36	22	1.062 (27.0)	22-36
	04	.375 (9.5)	10-36	19	1.125 (28.6)	24-36
	05	.438 (11.1)	12-36	23	1.188 (30.2)	28-36
	06	.500 (12.7)	12-36	15	1.250 (31.8)	28-36
	07	.562 (14.3)	14-36	20	1.375 (34.9)	28-36
	08	.625 (15.9)	16-36	16	1.500 (38.1)	32-36
	09	.688 (17.5)	16-36	21	1.625 (41.3)	32-36
	10	.750 (19.1)	18-36	17	1.750 (44.5)	36
	11	.812 (20.6)	18-36	24	1.875 (47.6)	36
	12	.875 (22.2)	20-36	18	2.000 (50.8)	36
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. △ Profile G entry size cannot exceed shell size range listed in table.						
Braid Length	Braid length in inches, 4 inch minimum.					
Shrink Boot	Omit if not required					
	T Shrink Boot included					

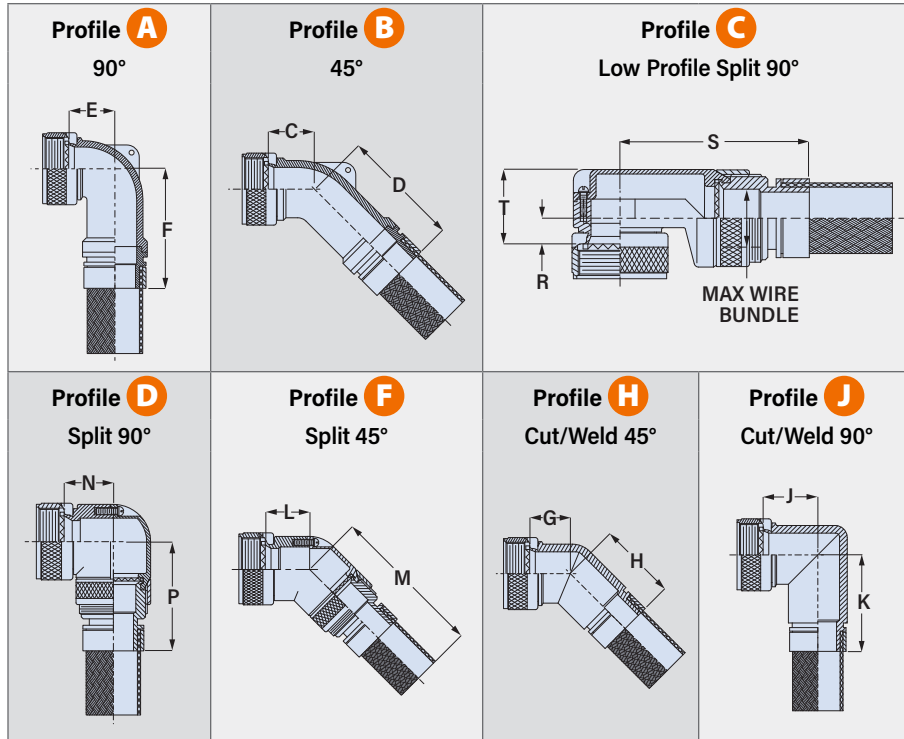


Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9
28	1.750-18 UNS	1.97	50.0
32	2.000-18 UNS	2.22	56.4
36	2.250-16 UN	2.47	62.7

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

319A*001 Shrink Boot Adapter, Braid Sock



SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Entry Size	Shrink Boot P/N
01-02	770-003S111
03-05	770-001S103
06-08	770-001S104
09-11	770-001S105
12-14	770-001S106
15	770-001S107
16-17	770-001S108
18	770-001S109
19-20	770-001S107
21	770-001S108
22	770-001S106
23	770-001S107
24	770-001S109

MAXIMUM ENTRY SIZE

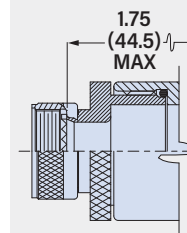
If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a *Style 2* backshell.

Shell Size	Max Entry Size	Shell Size	Max Entry Size
08	02	20	13
10	04	22	22
12	06	24	19
14	07	28	20
16	09	32	21
18	11	36	24

Shell Size	C Max		D Max		E Max		F Max		G Max		H Max		J Max		K Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.457	11.6	1.71	43.4	.500	12.7	1.730	43.9	.830	21.1	1.045	26.5	.940	23.9	1.155	29.3
10	.520	13.2	1.77	45.0	.595	15.1	1.850	47.0	.860	21.8	1.075	27.3	1.010	25.7	1.225	31.1
12	.582	14.8	1.83	46.5	.610	15.5	1.870	47.5	.882	22.4	1.097	27.9	1.070	27.2	1.285	32.6
14	.645	16.4	1.92	48.8	.700	17.8	1.940	49.3	.900	22.9	1.125	28.6	1.130	28.7	1.345	34.2
16	.738	18.7	2.03	51.6	.885	22.5	2.030	51.6	.930	23.6	1.145	29.1	1.190	30.2	1.405	35.7
18	.926	23.5	2.22	56.4	.975	24.8	2.200	55.9	.950	24.1	1.165	29.6	1.240	31.5	1.455	37.0
20	.926	23.5	2.22	56.4	.975	24.8	2.200	55.9	.980	24.9	1.195	30.4	1.310	33.3	1.525	38.7
22	1.020	25.9	2.37	60.2	1.125	28.6	2.310	58.7	1.000	25.4	1.215	30.9	1.360	34.5	1.575	40.0
24	1.020	25.9	2.37	60.2	1.125	28.6	2.310	58.7	1.030	26.2	1.245	31.6	1.430	36.3	1.645	41.8
28	1.145	29.1	2.42	61.5	1.225	31.1	2.480	63.0								
32	1.207	30.7	2.52	64.0	1.575	40.0	2.730	69.3								
36	1.238	31.4	2.61	66.3	1.775	45.1	2.730	69.3								

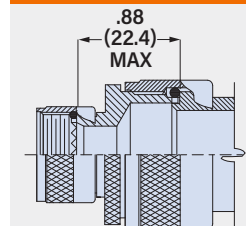
Shell Size	L Max		M Max		N Max		P Max		R Ref	S Max		T Max		Max Wire Bundle		
	in	mm	in	mm	in	mm	in	mm		in	mm	in	mm	in	mm	
08	440	11.2	1500	38.1	.680	17.3	1440	36.6	.340	8.6	1.780	45.2	.681	17.3	250	6.4
10	.500	12.7	1560	39.6	.750	19.1	1500	38.1	.270	6.9	1.940	49.3	.731	18.6	.375	9.5
12	.560	14.2	1630	41.4	.810	20.6	1570	39.9	.270	6.9	1.940	49.3	.731	18.6	.375	9.5
14	.620	15.7	1660	42.2	.870	22.1	1600	40.6	.280	7.1	2.010	51.1	.831	21.1	.500	12.7
16	.680	17.3	1760	44.7	.930	23.6	1.700	43.2	.420	10.7	2.060	52.3	.981	24.9	.625	15.9
18	.750	19.1	1820	46.2	1.000	25.4	1.760	44.7	.640	16.3	2.090	53.1	1.181	30.0	.625	15.9
20	.820	20.8	1880	47.8	1.060	26.9	1.820	46.2	.640	16.3	2.090	53.1	1.181	30.0	.625	15.9
22	.880	22.4	1940	49.3	1.120	28.4	1.880	47.8	.540	13.7	2.240	56.9	1.181	30.0	.750	19.1
24	.940	23.9	2.000	50.8	1.180	30.3	1.940	49.3	.540	13.7	2.240	56.9	1.181	30.0	.750	19.1
28	1.090	27.7	2.000	50.8	1.330	33.8	2.000	50.8								

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds 1/2 inch to the length.

Style 2 45° and 90° Backshells



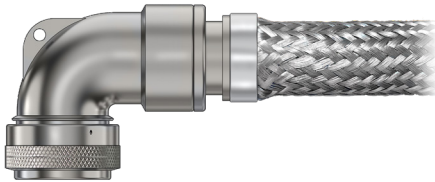
For Style 2 45° and 90° backshells, the length increases by .88 inch.

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

319A*044 Shrink Boot Adapter, Braid Sock, Self-Locking

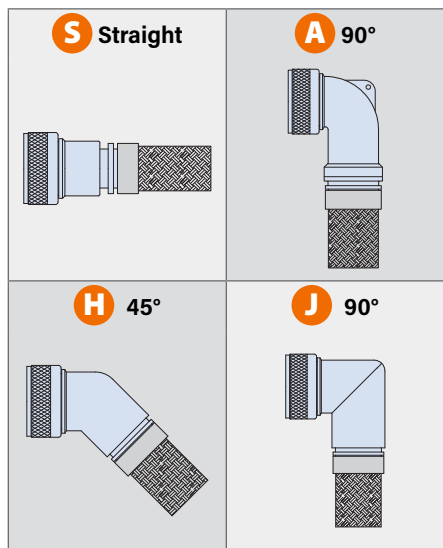
Self-Locking



Braid Sock. 319A*044 shrink boot adapter with braid sock fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has braid attached with crimp ring. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel. Tin-plated copper crimp ring. Braid is 36 AWG tinned copper per A-A-59569.

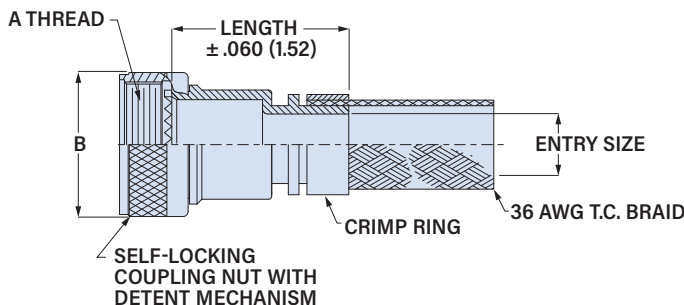
Adapter Code	A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

PROFILE SELECTION GUIDE



PART NUMBER

		319AS044	M	16	08	-6	-4	T
Base P/N	Base Part No.	Profile						
	319AS044	S Straight						
	319AA044	A 90° Elbow						
	319AH044	H 45° Cut/Weld						
	319AJ044	J 90° Cut/Weld						
Material/Finish	M	Alum/ Electroless Nickel						
	MT	Alum/ Nickel-PTFE						
	NF	Alum/ Olive Drab Cadmium						
	ZR	Alum/ Black Zinc-Nickel						
	TZ	Alum/ Tin-Zinc						
	ZI	SST/ Passivated (Profiles H, J, S only)						
Shell Size	08 10 12 14 16 18 20 22 24							
Entry Size		Cable Entry Size	Shell Size*		Cable Entry Size	Shell Size*		
	01	.188 (4.8)	08-24	09	.688 (17.5)	16-24		
	02	.250 (6.4)	08-24	10	.750 (19.1)	18-24		
	03	.312 (7.9)	10-24	11	.812 (20.6)	20-24		
	04	.375 (9.5)	10-24	12	.875 (22.2)	20-24		
	05	.438 (11.1)	12-24	13	.938 (23.8)	22-24		
	06	.500 (12.7)	12-24	14	1.000 (25.4)	22-24		
	07	.562 (14.3)	14-24	15	1.250 (31.8)	-		
	08	.625 (15.9)	16-24	16	1.500 (38.1)	-		
	* If selected entry size exceeds shell size range, a <i>Style 2</i> transition adapter will be included. See <i>Maximum Entry Size</i> .							
Braid Length	Braid length in one inch increments, 6 inch min							
Length	3	1.5 inches	Applies to Profile S only.					
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.					
	5	2.5 inches						
Shrink Boot	Omit if not required							
	T	Shrink Boot included						



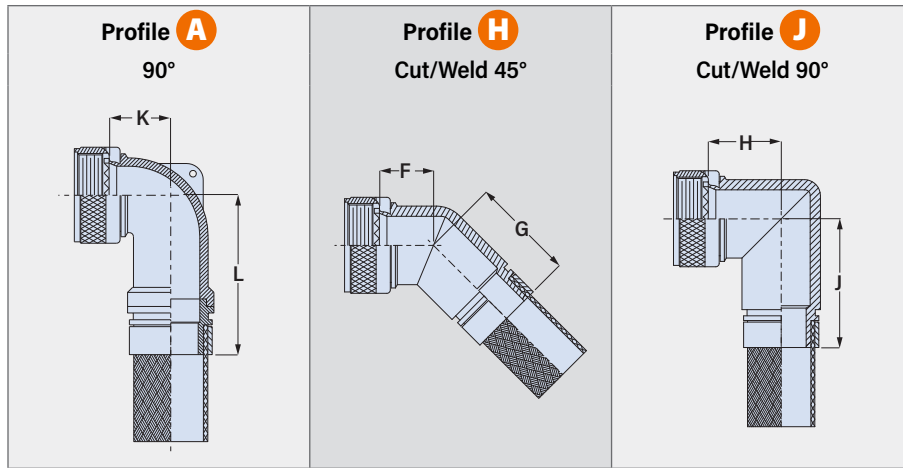
Shell Size	A Thread Class 2B	ø B Max in	Max mm	Max Entry Size*
08	0.500-20 UNF	.69	17.5	02
10	0.625-24 UNEF	.82	20.8	04
12	0.750-20 UNEF	.94	23.8	06
14	0.875-20 UNEF	1.06	26.9	07
16	1.000-20 UNEF	1.17	29.7	09
18	1.0625-18 UNEF	1.46	37.1	10
20	1.1875-18 UNEF	1.60	40.6	12
22	1.3125-18 UNEF	1.70	43.2	14
24	1.4375-18 UNEF	1.84	46.7	14

* If selected entry size exceeds shell size range, a *Style 2* transition adapter will be included. See *Maximum Entry Size* on next page.

Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

319A*044 Shrink Boot Adapter, Braid Sock, Self-Locking



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.986	25.0	1.045	26.5	1.096	27.8	1.155	29.3	.655	16.6	1.88	47.8
10	1.016	25.8	1.075	27.3	1.166	29.6	1.225	31.1	.750	19.1	2.00	50.8
12	1.038	26.4	1.097	27.9	1.226	31.1	1.285	32.6	.765	19.4	2.02	51.3
14	1.056	26.8	1.125	28.6	1.286	32.7	1.345	34.2	.855	21.7	2.09	53.1
16	1.066	27.1	1.145	29.1	1.346	34.2	1.405	35.7	1.040	26.4	2.18	55.4
18	1.106	28.1	1.165	29.6	1.396	35.5	1.455	37.0	1.130	28.7	2.35	59.7
20	1.136	28.9	1.195	30.4	1.466	37.2	1.525	38.7	1.130	28.7	2.35	59.7
22	1.156	29.4	1.215	30.9	1.516	38.5	1.575	40.0	1.280	32.5	2.46	62.5
24	1.186	30.1	1.245	31.6	1.586	40.3	1.645	41.8	1.280	32.5	2.46	62.5

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



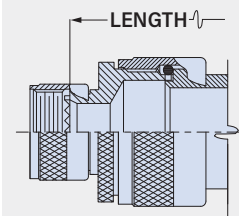
Entry Size	Shrink Boot P/N
01-02	770-003S111
03-05	770-003S103
06-08	770-001S104
09-11	770-001S105
12-14	770-001S106
15	770-001S107
16	770-001S108

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

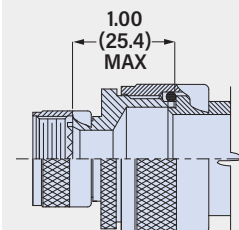
Shell Size	Max Entry Size
08	02
10	04
12	06
14	07
16	09
18	10
20	12
22	14
24	14

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



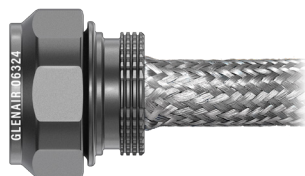
For Style 2 45° and 90° backshells, the length increases by 1.00 inch.

Series 31 Shrink Boot Adapters

for AS50151 Crimp Connectors

319AS155 Shrink Boot Adapter, Braid Sock, Composite

Self-Locking



Low profile, corrosion-proof, shielded. 319A*155 shrink boot adapter with braid sock fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has nickel-plated brass follower with braid attached with crimp ring. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic. Tin-plated copper crimp ring, nickel-plated brass follower.

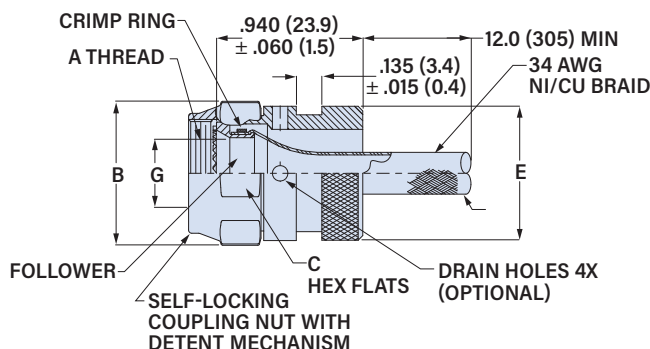
Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

MATERIALS AND FINISHES

- Coupling nut, adapter, split ring: high performance thermoplastic
- EMI adapter: brass, electroless nickel plating
- Anti-decoupling spring: high performance thermoplastic
- Crimp ring: copper alloy, tin plated
- Braid:
 - 34 AWG nickel-coated copper (standard)
 - Code T: 34 AWG tin-coated copper,
 - Code A: AmberStrand® ultralightweight nickel-coated polymer
 - Code L: ArmorLite® lightweight microfilament nickel-coated 316L SST

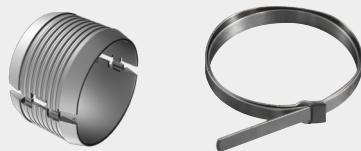
PART NUMBER

	319AS155	XB	16	L-	D	T	R	14
Base P/N	319AS155							
Finish	XB No Finish, Black Color							
Shell Size	08 10 12 14 16 18 20 22 24							
Braid Type	Omit for 34 AWG nickel-coated copper T- 34 AWG Tin/Copper A- AmberStrand® Nickel/Composite L- ArmorLite® Nickel/SST							
Drain Holes	Omit if not required D Drain Holes							
Shrink Boot	Omit if not required T Shrink Boot included							
Split Ring and Band	Omit if not required R Split Ring and Band included With Backshell							
Braid Length	Omit for standard 12 inch length 14 Braid Length in inches							

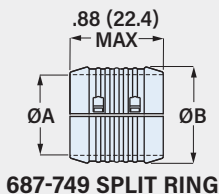


Shell Size	A Thread Class 2B	Ø B Max in	mm	C Hex Flats in	mm	E Max in	mm	Ø G ±.015 (0.4) in	mm
08	0.500-20 UNF	.86	21.8	.750	19.1	.533	13.5	.265	6.7
10	0.625-24 UNEF	.98	24.9	.875	22.2	.605	15.4	.370	9.4
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.774	19.7	.506	12.9
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.838	21.3	.580	14.7
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.963	24.5	.705	17.9
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	1.042	26.5	.784	19.9
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.217	30.9	.909	23.1
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.355	34.4	1.034	26.3
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.443	36.7	1.140	28.9

SUPPORT RING AND PRE-COILED BAND (R OPTION)



Optional split support ring provides a reliable, low resistance method of splicing braid. Snap split ring over wire bundle, then overlap adapter braid and cable braid. Install band around split ring and braid using Band-Master ATS standard banding tool.



Shell Size	Support Ring Part Number	±.030 (0.8) in	mm	±.030 (0.8) in	mm
08	687-749XB04	.25	6.4	.40	10.2
10	687-749XB06	.38	9.7	.53	13.5
12	687-749XB08	.50	12.7	.65	16.5
14	687-749XB10	.63	16.0	.78	19.8
16	687-749XB12	.75	19.1	.90	22.9
18	687-749XB14	.88	22.4	1.03	26.2
20	687-749XB16	1.00	25.4	1.15	29.2
22	687-749XB18	1.13	28.7	1.28	32.5
24	687-749XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
8-24	601-041	601-100

Series 31 Shrink Boot Adapters

for AS50151 Solder Connectors

310BS034 Shrink Boot Adapter, Direct Coupling

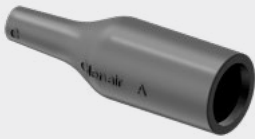


Adapter Code **B**

Fits AS50151 Series 1 AN type solder Connectors . AS310*1, MS3100.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



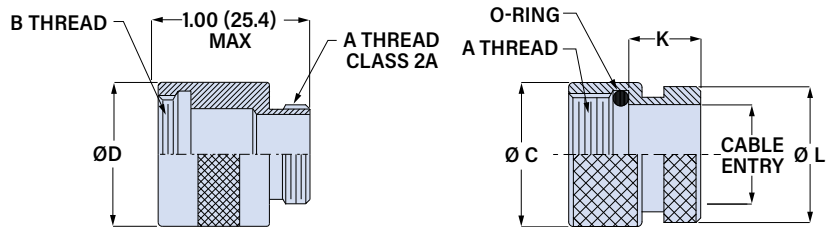
Shell Size	Boot Part No.
10S	770-003S103
10SL	770-003S103
12, 12S	770-001S103
14, 14S	770-001S103
16, 16S	770-001S104
18	770-001S104
20	770-001S106
22	770-001S107
24	770-001S107
28	770-001S108
32	770-001S108
36	770-001S108
40	770-001S109

Direct coupling. 310BS034 shrink boot adapter fits AS50151 (MS3100) solder connectors. includes universal thread adapters as required to assure compatibility with all connector manufacturers. Direct coupling, environmental (requires optional shrink boot). Aluminum, silicone O-ring.

PART NUMBER

310BS034 NF 22 T

Base P/N	310BS034																																
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc Z1 SST/ Passivated																																
Shell Size	<table border="1"> <thead> <tr> <th>Code</th> <th>Shell Size</th> <th>Code</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr><td>05</td><td>10S</td><td>20</td><td>22</td></tr> <tr><td>08</td><td>10SL</td><td>21</td><td>24</td></tr> <tr><td>11</td><td>12, 12S</td><td>22</td><td>28</td></tr> <tr><td>14</td><td>14, 14S</td><td>23</td><td>32</td></tr> <tr><td>15</td><td>16, 16S</td><td>26</td><td>36</td></tr> <tr><td>16</td><td>18</td><td>31</td><td>40</td></tr> <tr><td>17</td><td>20</td><td></td><td></td></tr> </tbody> </table>	Code	Shell Size	Code	Shell Size	05	10S	20	22	08	10SL	21	24	11	12, 12S	22	28	14	14, 14S	23	32	15	16, 16S	26	36	16	18	31	40	17	20		
Code	Shell Size	Code	Shell Size																														
05	10S	20	22																														
08	10SL	21	24																														
11	12, 12S	22	28																														
14	14, 14S	23	32																														
15	16, 16S	26	36																														
16	18	31	40																														
17	20																																
Shrink Boot	Omit if not required T Shrink Boot included																																
Connector Manufacturer Code	A Universal <i>Compatible with all manufacturers. includes additional thread adapter(s) as necessary to fit multiple manufacturers.</i>																																



THREAD ADAPTER
AS REQUIRED- SEE TABLE

MAIN ADAPTER

Shell Size Code	Shell Size	A THD.		B THD.		øC Max		øD Max		K Max		ø L Max		Cable Entry	
		Main Adapter Class 2B	Thread Adapter Class 2B	in	mm	in	mm	in	mm	in	mm	in	mm		
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4	.500	12.7	.803	20.4	.355	9.0		
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4	.500	12.7	.803	20.4	.355	9.0		
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6	.500	12.7	.938	23.8	.491	12.5		
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A	.500	12.7	1.063	27.0	.565	14.4		
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A	.500	12.7	1.238	31.4	.690	17.5		
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A	.500	12.7	1.310	33.3	.769	19.5		
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3	.500	12.7	1.436	36.5	.844	21.4		
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A	.500	12.7	1.560	39.6	1.019	25.9		
21	24	1.3750-18 UNEF	N/A	1.468	37.3	N/A	N/A	.500	12.7	1.686	42.8	1.134	28.8		
22	28	1.6250-18 UNEF	N/A	1.593	40.5	N/A	N/A	.687	17.4	2.062	52.4	1.369	34.8		
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4	.687	17.4	2.312	58.7	1.615	41.0		
26	36	2.1250-16 UN	2.0625-16 UNS 2.1250-18 UNS	2.375	60.3	2.312	58.7	.687	17.4	2.562	65.1	1.830	46.5		
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1	.687	17.4	2.812	71.4	2.045	51.9		

Series 31 Shrink Boot Adapters

for MIL-DTL-26482 Series I Connectors

310DS034 Shrink Boot Adapter, Direct Coupling



Adapter Code **D**

This accessory fits MIL-DTL-26482 Series I connectors

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Shell Size	Shrink Boot P/N
08	770-003S102
10	770-003S103
12	770-001S103
14	770-001S103
16	770-001S104
18	770-001S104
20	770-001S106
22	770-001S107
24	770-001S107

Direct coupling. Low profile. 310DS034 shrink boot adapter fits M26482 Series I connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel.

PART NUMBER

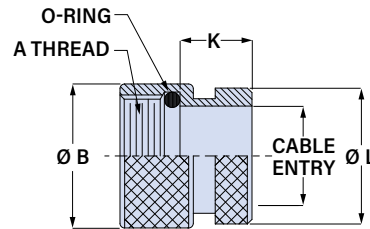
310DS034 NF 14 T

Base P/N **310DS034**

Material/Finish
M Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
ZI SST/ Passivated

Shell Size **08 10 12 14 16 18 20 22 24**

Shrink Boot *Omit if not required*
T Shrink Boot included



Shell Size	A Thread UNEF-2B	Ø B Max		K Max		Ø L Max		Cable Entry	
		in	mm	in	mm	in	mm	in	mm
08	0.4375-28	.59	15.0	.500	12.7	.688	17.5	.250	6.4
10	0.5625-24	.72	18.3	.500	12.7	.803	20.4	.355	9.0
12	0.6875-24	.84	21.3	.500	12.7	.938	23.8	.491	12.5
14	0.8125-20	.97	24.6	.500	12.7	1.063	27.0	.565	14.4
16	0.9375-20	1.09	27.7	.500	12.7	1.238	31.4	.690	17.5
18	1.0625-18	1.22	31.0	.500	12.7	1.310	33.3	.769	19.5
20	1.1875-18	1.34	34.0	.500	12.7	1.436	36.5	.844	21.4
22	1.3125-18	1.47	37.3	.500	12.7	1.560	39.6	1.019	25.9
24	1.4375-18	1.59	40.4	.500	12.7	1.686	42.8	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

310F*001 Shrink Boot Adapter, Spin Coupling



Spin coupling. Boot groove. 310F*001 shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

SHRINK BOOT

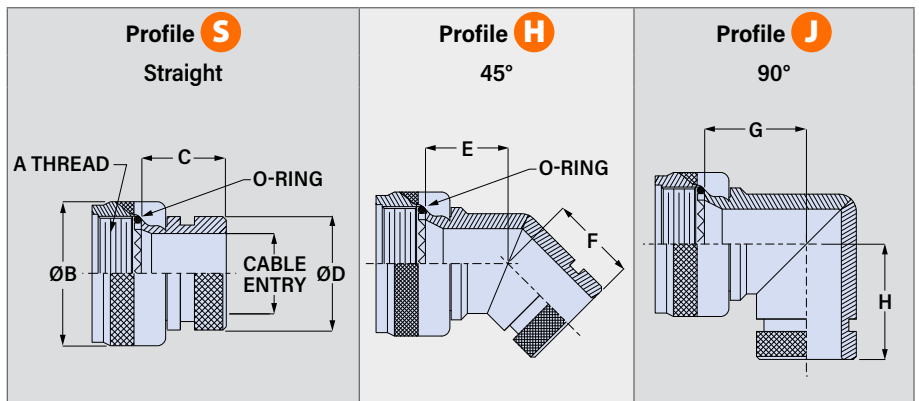
Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Shell Size	Shrink Boot P/N
08	770-003S102
10	770-003S103
12	770-001S103
14	770-001S103
16	770-001S104
18	770-001S104
20	770-001S106
22	770-001S107
24	770-001S107

PART NUMBER

		310FS001	M	16	T					
Base P/N	Base Part No.	Profile								
	310FS001	S Straight								
	310FH001	H 45°								
	310FJ001	J 90°								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Shrink Boot	Omit if not required									
	T	Shrink Boot included								



Shell Size	A Thread UNEF-2B	øB Max		C Max		ø D Max		E Max		F Max		G Max		H Max		Cable Entry Min	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	0.4375-28	.650	16.5	.940	23.9	.533	13.5	.639	16.2	.810	20.6	.750	19.1	.920	23.4	.250	6.4
10/11	0.5625-24	.770	19.6	.940	23.9	.605	15.4	.664	16.9	.840	21.3	.810	20.6	.980	24.9	.355	9.0
12/13	0.6875-24	.890	22.6	.940	23.9	.774	19.7	.688	17.5	.860	21.8	.870	22.1	1.040	26.4	.491	12.5
14/15	0.8125-20	1.020	25.9	.940	23.9	.838	21.3	.705	17.9	.890	22.6	.920	23.4	1.110	28.2	.565	14.4
16/17	0.9375-20	1.150	29.2	.940	23.9	.963	24.5	.732	18.6	.910	23.1	.980	24.9	1.170	29.7	.690	17.5
18/19	1.0625-18	1.230	31.2	.940	23.9	1.042	26.5	.748	19.0	.920	23.4	1.020	25.9	1.190	30.2	.769	19.5
20/21	1.1875-18	1.360	34.5	.940	23.9	1.217	30.9	.773	19.6	.940	23.9	1.080	27.4	1.250	31.8	.894	22.7
22/23	1.3125-18	1.480	37.6	.940	23.9	1.355	34.4	.800	20.3	.980	24.9	1.140	29.0	1.330	33.8	1.019	25.9
24/25	1.4375-18	1.730	43.9	.940	23.9	1.443	36.7	.823	20.9	1.010	25.7	1.200	30.5	1.400	35.6	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

310FS034 Shrink Boot Adapter, Direct Coupling



Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



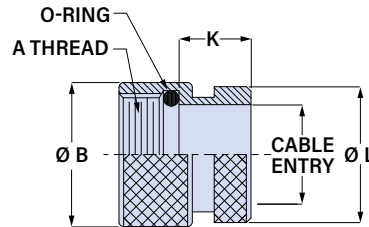
Shell Size	Shrink Boot P/N
08	770-001S103
10	770-001S103
12	770-001S104
14	770-001S106
16	770-001S106
18	770-001S107
20	770-001S107
22	770-001S108
24	770-001S108

Direct coupling. Low profile. 310FS034 shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

310FS034 NF 14 T

Base P/N	310FS034										
Material/Finish	M	Alum/ Electroless Nickel									
	MT	Alum/ Nickel-PTFE									
	NF	Alum/ Olive Drab Cadmium									
	ZR	Alum/ Black Zinc-Nickel									
	TZ	Alum/ Tin-Zinc									
	ZI	SST/ Passivated									
Shell Size	Shell Size										
	38999 Series I	9	11	13	15	17	19	21	23	25	
	38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24	
Shrink Boot	<i>Omit if not required</i>										
	T	Shrink Boot included									



Shell Size	A Thread UNEF-2B	ø B Max		K Max		ø L Max		Cable Entry Min	
		in	mm	in	mm	in	mm	in	mm
8/9	0.4375-28	.59	15.0	.500	12.7	.688	17.5	.250	6.4
10/11	0.5625-24	.72	18.3	.500	12.7	.803	20.4	.355	9.0
12/13	0.6875-24	.84	21.3	.500	12.7	.938	23.8	.491	12.5
14/15	0.8125-20	.97	24.6	.500	12.7	1.063	27.0	.565	14.4
16/17	0.9375-20	1.09	27.7	.500	12.7	1.238	31.4	.690	17.5
18/19	1.0625-18	1.22	31.0	.500	12.7	1.310	33.3	.769	19.5
20/21	1.1875-18	1.34	34.0	.500	12.7	1.436	36.5	.844	21.4
22/23	1.3125-18	1.47	37.3	.500	12.7	1.560	39.6	1.019	25.9
24/25	1.4375-18	1.59	40.4	.500	12.7	1.686	42.8	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

310F*045 Shrink Boot Adapter, Composite



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

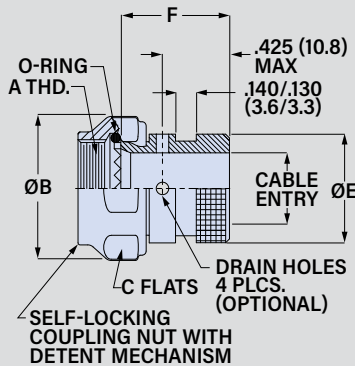


Corrosion-proof composite material. 310F*045 composite shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Adapter has groove for lipped shrink boot. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic, silicone O-ring.

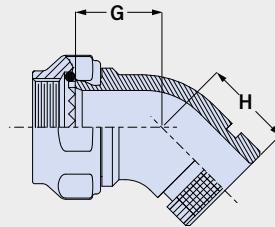
PART NUMBER

		310FS045	XB	16	D	T					
Base P/N	Base Part No.	310FS045									
	Profile	S									
		Straight									
Base P/N	Profile	H									
		45°									
Base P/N	Profile	J									
		90°									
Finish	XB	No Plating (Black Color)									
	XM	Electroless Nickel									
	XMT	Nickel-PTFE									
	XW	Olive Drab Cadmium									
	XZR	Black Zinc-Nickel									
Shell Size	Shell Size										
	38999 Series I	9	11	13	15	17	19	21	23	25	
	38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24	
Drain Holes	Omit if not required		O-ring not supplied with drain hole option								
	D	Drain Holes									
Shrink Boot	Omit if not required										
	T	Shrink Boot included									

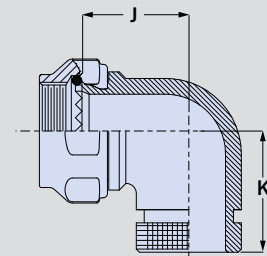
Profile S
Straight



Profile H
45°



Profile J
90°



Shell Size	A Thread UNEF-2B	øB Max in mm	C Hex Flats in mm	øE Max in mm	F Max in mm	G Max in mm	H ±.06(1.5) in mm	J Max in mm	K ±.06(1.5) in mm	Cable Entry Min in mm	Shrink Boot P/N
8/9	0.4375-28	.86 21.8	.750 19.1	.533 13.5	.940 23.9	.78 19.8	1.049 26.6	.74 18.8	1.159 29.4	.250 6.4	770-003S102
10/11	0.5625-24	.98 24.9	.875 22.2	.605 15.4	.940 23.9	.81 20.6	1.075 27.4	.80 20.3	1.221 31.0	.355 9.0	770-001S103
12/13	0.6875-24	1.16 29.5	1.000 25.4	.774 19.7	.940 23.9	.81 20.6	1.100 27.9	.86 21.8	1.283 32.6	.491 12.5	770-001S103
14/15	0.8125-20	1.28 32.5	1.125 28.6	.838 21.3	.940 23.9	.82 20.8	1.126 28.6	.93 23.6	1.346 34.2	.565 14.4	770-001S103
16/17	0.9375-20	1.41 35.8	1.250 31.8	.963 24.5	.940 23.9	.84 21.3	1.146 29.1	.99 25.1	1.409 35.8	.690 17.5	770-001S104
18/19	1.0625-18	1.52 38.6	1.375 34.9	1.042 26.5	.940 23.9	.85 21.6	1.165 29.6	1.05 26.7	1.471 37.4	.769 19.5	770-001S104
20/21	1.1875-18	1.64 41.7	1.500 38.1	1.217 30.9	.940 23.9	.88 22.4	1.189 30.2	1.12 28.4	1.533 38.9	.894 22.7	770-001S106
22/23	1.3125-18	1.77 45.0	1.625 41.3	1.355 34.4	.940 23.9	.92 23.4	1.230 31.2	1.18 30.0	1.596 40.5	1.019 25.9	770-001S107
24/25	1.4375-18	1.89 48.0	1.750 44.5	1.443 36.7	.940 23.9	.97 24.6	1.256 31.9	1.24 31.5	1.659 42.1	1.134 28.8	770-001S107

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

310FS055 Shrink Boot Adapter, Pre-installed Boot



Self-Locking

- Pre-installed boot for 50% faster boot installation
- Environmental
- Adhesive lined
- 3 boot material options
- Aluminum or SST adapter

Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

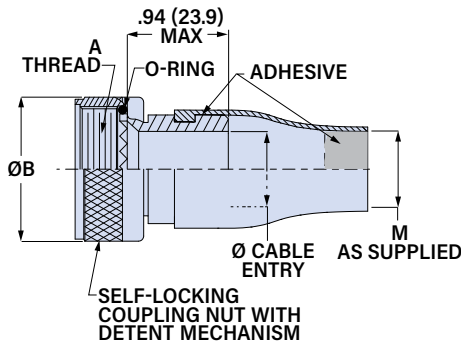
Fast installation, environmental, self-locking. 310FS055 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Use with jacketed, unshielded cable. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 U.S. Army approved flexible polyolefin. Adapter is aluminum or stainless steel, available in standard mil spec finishes. Silicone O-ring, polyamide adhesive.

PART NUMBER

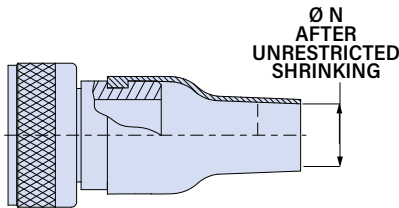
310FS055 NF 16 -2

Base P/N	310FS055									
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Boot Material	-1	Type 1 High Performance Semi-Rigid Elastomer								
	-2	Type 2 Zero Halogen Semi-Rigid Polyolefin								
	-3	Type 3 Flexible Polyolefin								

As Supplied



After Shrinking



SHRINK BOOT MATERIAL SELECTION GUIDE

	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Shell Size	A Thread UNEF-2B	Ø B Max	Ø M Min	Ø N Max	Min Cable Entry
8/9	0.4375-28	.86 21.8	.250 6.4	.197 5.0	.250 6.4
10/11	0.5625-24	.97 24.6	.355 9.0	.197 5.0	.355 9.0
12/13	0.6875-24	1.11 28.2	.491 12.5	.236 6.0	.491 12.5
14/15	0.8125-20	1.21 30.7	.565 14.4	.236 6.0	.565 14.4
16/17	0.9375-20	1.35 34.3	.690 17.5	.276 7.0	.690 17.5
18/19	1.0625-18	1.46 37.1	.769 19.5	.335 8.5	.769 19.5
20/21	1.1875-18	1.60 40.6	.894 22.7	.394 10.0	.894 22.7
22/23	1.3125-18	1.70 43.2	1.019 25.9	.394 10.0	1.019 25.9
24/25	1.4375-18	1.84 46.7	1.134 28.8	.591 15.0	1.134 28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

310FS048 Shrink Boot Adapter, Pre-installed Boot, Composite



Self-Locking

- Pre-installed boot for 50% faster boot installation
- Environmental
- Adhesive lined
- 3 boot material options
- Corrosion-proof composite

Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

Fast installation, environmental, self-locking, corrosion-proof composite. 310FS048 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Use with jacketed, unshielded cable. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin. Adapter is glass-filled high performance thermoplastic, silicone O-ring.

PART NUMBER

310FS048 XB 22 -1

Base P/N 310FS048

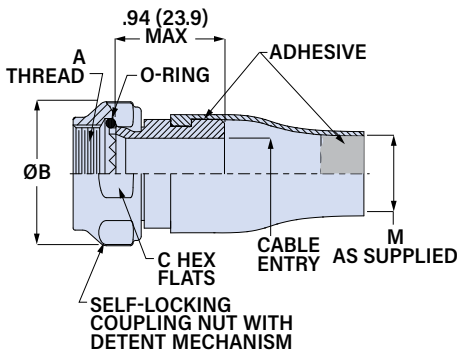
Finish XB No Plating, Black

Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24

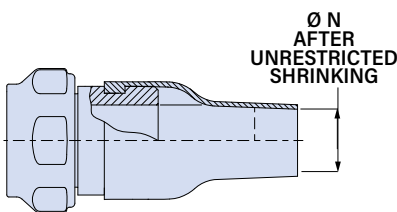
Boot Material

- 1 Type 1 High Performance Semi-Rigid Elastomer
- 2 Type 2 Zero Halogen Semi-Rigid Polyolefin
- 3 Type 3 Flexible Polyolefin

As Supplied



After Shrinking



SHRINK BOOT MATERIAL SELECTION GUIDE

	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Shell Size	A	Ø B		C		Ø M		Ø N		Min Cable Entry	
	Thread UNEF-2B	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	0.4375-28	.86	21.8	.750	19.1	.250	6.4	.197	5.0	.250	6.4
10/11	0.5625-24	.98	24.9	.875	22.2	.355	9.0	.197	5.0	.355	9.0
12/13	0.6875-24	1.16	29.5	1.000	25.4	.491	12.5	.236	6.0	.491	12.5
14/15	0.8125-20	1.28	32.5	1.125	28.6	.565	14.4	.236	6.0	.565	14.4
16/17	0.9375-20	1.41	35.8	1.250	31.8	.690	17.5	.276	7.0	.690	17.5
18/19	1.0625-18	1.52	38.6	1.375	34.9	.769	19.5	.335	8.5	.769	19.5
20/21	1.1875-18	1.64	41.7	1.500	38.1	.894	22.7	.394	10.0	.894	22.7
22/23	1.3125-18	1.77	45.0	1.625	41.3	1.019	25.9	.394	10.0	1.019	25.9
24/25	1.4375-18	1.89	48.0	1.750	44.5	1.134	28.8	.591	15.0	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

310F*058 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter



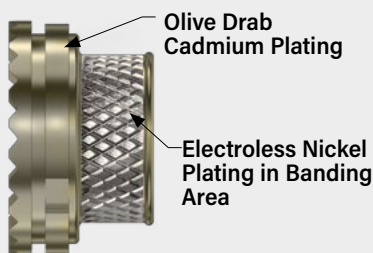
Self-Locking

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- 3 material options
- "Drop-in" EMI banding adapter

Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

FIG. 1: NFS PLATING



Banding Adapter with selective NFS plating finish

BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Micro Band



Hand Tool
601-101

Pre-Coiled

Band P/N

Length

Max Dia.

601-061 8.13 (206) .88 (22.4)

601-065 14.25 (362) 1.80 (45.7)

Fast installation, shielded, environmental, self-locking. 310F*058 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Use with jacketed, shielded cable. Terminate cable overbraid to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin. Backshell, coupling nut and drop-in banding adapter are aluminum. Silicone O-ring, polyamide hot melt adhesive.

PART NUMBER

310FS058 NF 16 -2 K

Base P/N	Base Part No.	Profile								
	310FS058 S	Straight								
	310FA058 A	90° Boot								
	310FB058 B	45° Boot								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	NFS	Alum/ Olive Drab Cadmium, Selective (fig. 1)								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Boot Material	-1	Type 1 High Performance Semi-Rigid Elastomer								
	-2	Type 2 Zero Halogen Semi-Rigid Polyolefin								
	-3	Type 3 Flexible Polyolefin								
Band	Omit if not required									
	K	Pre-Coiled MicroBand included With Backshell								

SHRINK BOOT MATERIAL SELECTION GUIDE

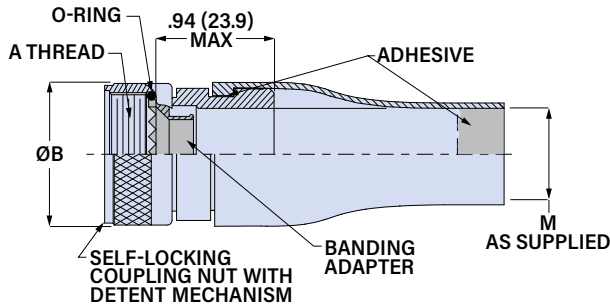
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Series 31 Shrink Boot Adapters

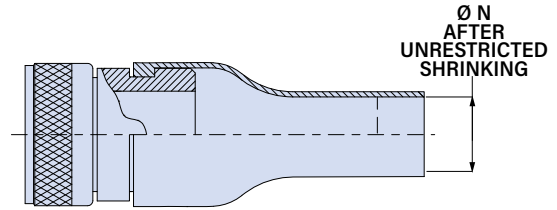
for MIL-DTL-38999 Series I and II Connectors

310F*058 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter

As Supplied

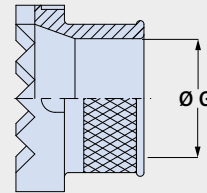


After Shrinking



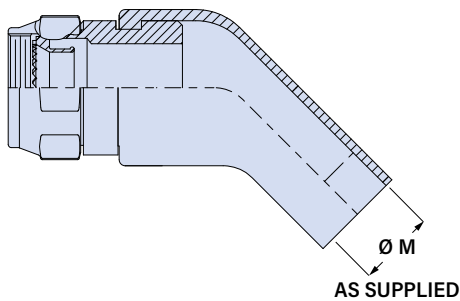
Shell Size	A Thread UNEF-2B	Ø B Max		Ø M Min		Ø N Max	
		in	mm	in	mm	in	mm
8/9	0.4375-28	.86	21.8	.250	6.4	.197	5.0
10/11	0.5625-24	.97	24.6	.355	9.0	.197	5.0
12/13	0.6875-24	1.11	28.2	.491	12.5	.236	6.0
14/15	0.8125-20	1.21	30.7	.565	14.4	.236	6.0
16/17	0.9375-20	1.35	34.3	.690	17.5	.276	7.0
18/19	1.0625-18	1.46	37.1	.769	19.5	.335	8.5
20/21	1.1875-18	1.60	40.6	.894	22.7	.394	10.0
22/23	1.3125-18	1.70	43.2	1.019	25.9	.394	10.0
24/25	1.4375-18	1.84	46.7	1.134	28.8	.591	15.0

BANDING ADAPTER

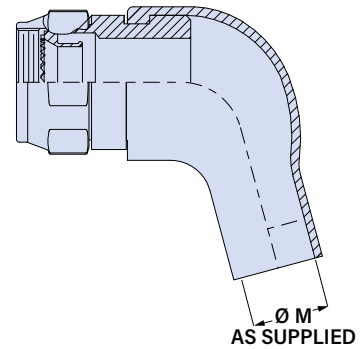


Shell Size	G Dia. ± .015 (0.4)	
	in	mm
08	.138	3.5
10	.248	6.3
12	.374	9.5
14	.455	11.6
16	.577	14.7
18	.672	17.1
20	.797	20.2
22	.922	23.4
24	1.047	26.6

45°



90°



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

310F*057 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter, Composite



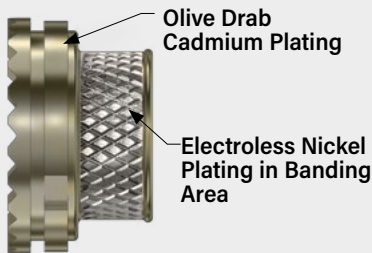
Self-Locking

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- Corrosion-proof composite material
- EMI banding adapter

Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

FIG. 1: NFS PLATING



Banding Adapter with selective NFS plating finish

BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

Fast installation, shielded, environmental, self-locking. 310F*057 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Use with jacketed, shielded cable. Terminate cable overbraid to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin. Coupling nut and adapter body are PEI thermoplastic. EMI adapter is brass. Silicone O-ring, polyamide hot melt adhesive.

PART NUMBER

	310FS057	BM	18	-1	K					
Base P/N	Base Part No.	Profile								
	310FS057	S Straight								
	310FA057	A 90° Boot								
	310FB057	B 45° Boot								
EMI Adapter Finish	BM	Electroless Nickel								
	BMT	Nickel-PTFE								
	BNS	Olive Drab Cadmium, Selective (fig. 1)								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Boot Material	-1	Type 1 High Performance Semi-Rigid Elastomer								
	-2	Type 2 Zero Halogen Semi-Rigid Polyolefin								
	-3	Type 3 Flexible Polyolefin								
Band	Omit if not required									
	K	Pre-Coiled MicroBand included With Backshell								

SHRINK BOOT MATERIAL SELECTION GUIDE

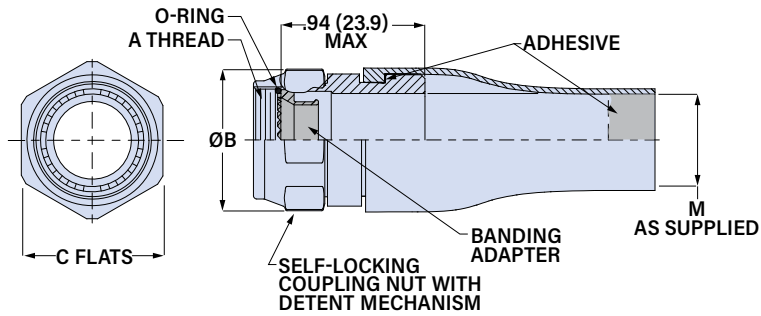
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Series 31 Shrink Boot Adapters

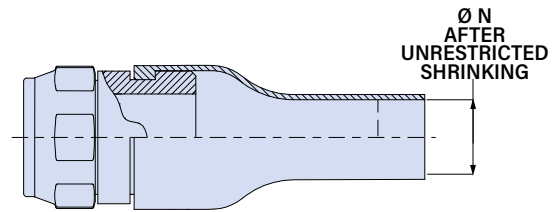
for MIL-DTL-38999 Series I and II Connectors

310F*057 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter, Composite

As Supplied

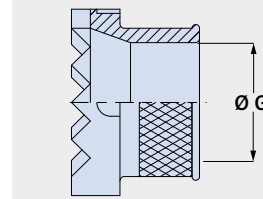


After Shrinking



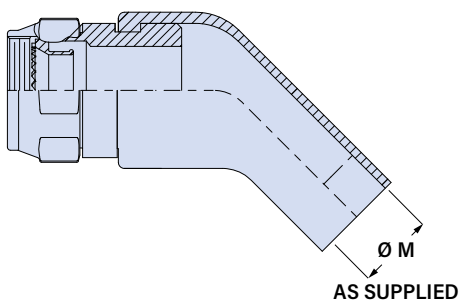
Shell Size	A Thread UNEF-2B	Ø B Max in	mm	C Hex Flats in	mm	Ø M Min in	mm	Ø N Max in	mm
08	0.4375-28	.86	21.8	.750	19.1	.250	6.4	.197	5.0
10	0.5625-24	.98	24.9	.875	22.2	.355	9.0	.197	5.0
12	0.6875-24	1.16	29.5	1.000	25.4	.491	12.5	.236	6.0
14	0.8125-20	1.28	32.5	1.125	28.6	.565	14.4	.236	6.0
16	0.9375-20	1.41	35.8	1.250	31.8	.690	17.5	.276	7.0
18	1.0625-18	1.52	38.6	1.375	34.9	.769	19.5	.335	8.5
20	1.1875-18	1.64	41.7	1.500	38.1	.894	22.7	.394	10.0
22	1.3125-18	1.77	45.0	1.625	41.3	1.019	25.9	.394	10.0
24	1.4375-18	1.89	48.0	1.750	44.5	1.134	28.8	.591	15.0

BANDING ADAPTER

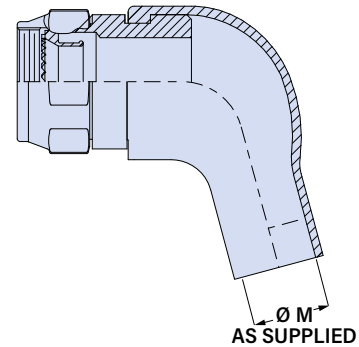


Shell Size	G Dia. ± .015 (0.4)	
	in	mm
08	.140	3.6
10	.270	6.9
12	.390	9.9
14	.512	13.0
16	.637	16.2
18	.757	19.2
20	.881	22.4
22	1.006	25.6
24	1.131	28.7

45°



90°



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

311F*001 Shrink Boot Adapter, Braid Trap



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

BRAID TRAP

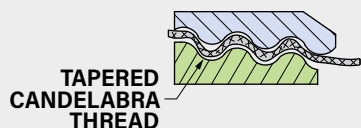


TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	Max Cable Dia. in	Max Cable Dia. mm	J Max in	J Max mm
02	08-24	.250	6.4	.515	13.1
03	10-24	.375	9.5	.640	16.3
04	12-24	.500	12.7	.765	19.4
05	14-24	.625	15.9	.920	23.4
06	16-24	.750	19.1	1.015	25.8
07	18-24	.875	22.2	1.140	29.0
08	20-24	1.000	25.4	1.265	32.1
09	22-24	1.125	28.6	1.432	36.4
10	24	1.250	31.8	1.515	38.5

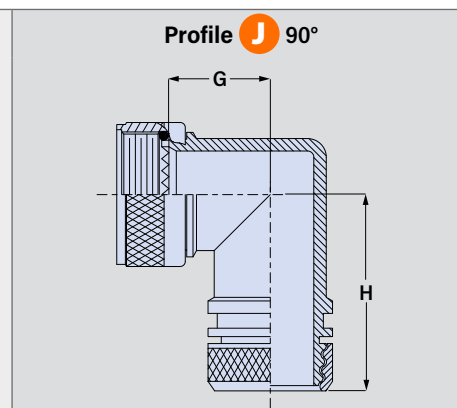
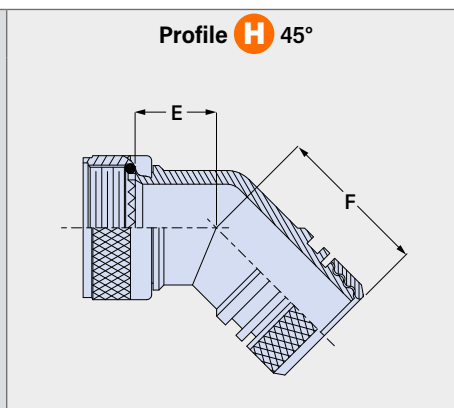
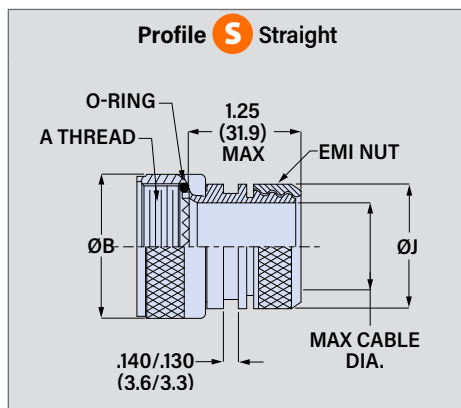
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Shielded. Variable entry size. 311F*001 shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

	311FS001	M	16	05	T					
Base P/N	Base Part No.	Profile								
	311FS001	S Straight								
	311FH001	H 45°								
	311FJ001	J 90°								
Material/ Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Shrink Boot	Omit if not required									
	T	Shrink Boot included								

Shell Size	A Thread UNEF-2B	øB Max in	øB Max mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm	Max Entry Size*
8/9	0.4375-28	.650	16.5	.830	21.1	1.045	26.5	.940	23.9	1.155	29.3	02
10/11	0.5625-24	.770	19.6	.860	21.8	1.075	27.3	1.010	25.7	1.225	31.1	03
12/13	0.6875-24	.890	22.6	.882	22.4	1.097	27.9	1.070	27.2	1.285	32.6	04
14/15	0.8125-20	1.020	25.9	.900	22.9	1.125	28.6	1.130	28.7	1.345	34.2	05
16/17	0.9375-20	1.150	29.2	.930	23.6	1.145	29.1	1.190	30.2	1.405	35.7	06
18/19	1.0625-18	1.230	31.2	.950	24.1	1.165	29.6	1.240	31.5	1.455	37.0	07
20/21	1.1875-18	1.360	34.5	.980	24.9	1.195	30.4	1.310	33.3	1.525	38.7	08
22/23	1.3125-18	1.480	37.6	1.000	25.4	1.215	30.9	1.360	34.5	1.575	40.0	09
24/25	1.4375-18	1.730	43.9	1.030	26.2	1.245	31.6	1.430	36.3	1.645	41.8	10



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

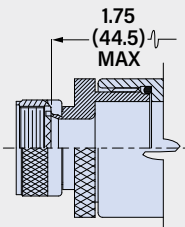
311F*001 Shrink Boot Adapter, Braid Trap

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

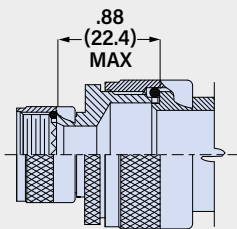
Shell Size	Max Entry Size
08	02
10	03
12	04
14	05
16	06
18	07
20	08
22	09
24	10

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds ½ inch to the length.

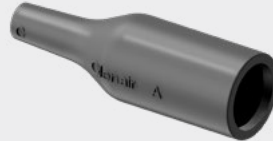
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Entry Size	Shrink Boot P/N
02	770-001S103
03	770-001S103
04	770-001S104
05	770-001S104
06	770-001S105
07	770-001S106
08	770-001S106
09	770-001S107
10	770-001S107

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

311F*039 Shrink Boot Adapter, Braid Trap, Self-Locking



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

BRAID TRAP

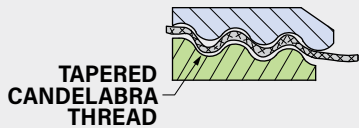


TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	Max Cable Dia. in	Max Cable Dia. mm	K Max in	K Max mm
02	08-24	.250	6.4	.515	13.1
03	10-24	.375	9.5	.640	16.3
04	12-24	.500	12.7	.765	19.4
05	14-24	.625	15.9	.920	23.4
06	16-24	.750	19.1	1.015	25.8
07	20-24	.875	22.2	1.140	29.0
08	22-24	1.000	25.4	1.265	32.1
09	24	1.125	28.6	1.432	36.4

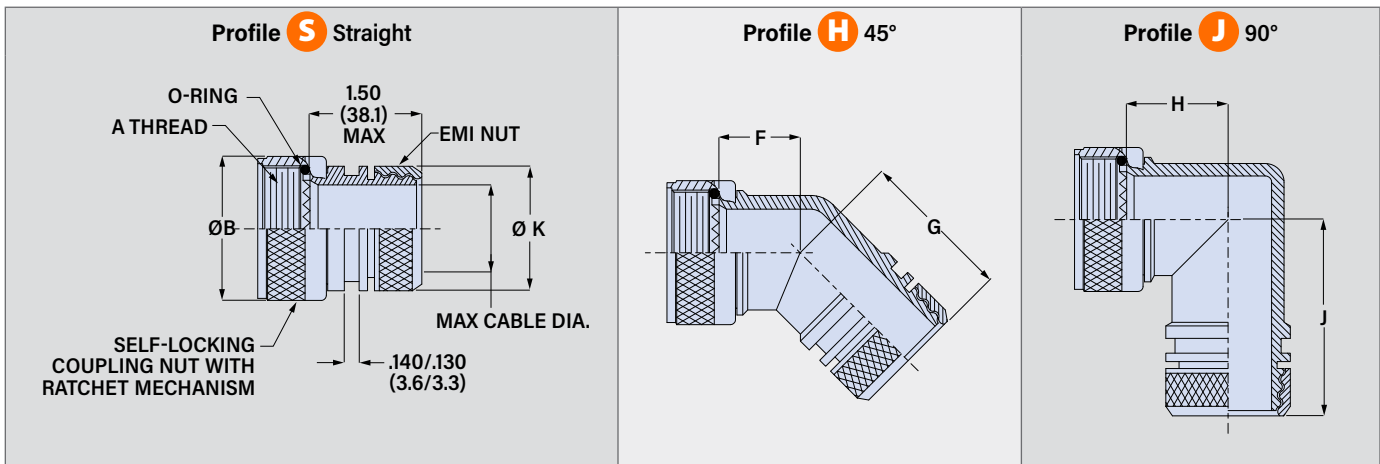
*If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Shielded. Variable entry size. 311F*039 shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

		311FS039	M	16	05	T				
Base P/N	Base Part No.									
	Profile									
	311FS039 S Straight									
	311FH039 H 45°									
	311FJ039 J 90°									
Material/ Finish	M Alum/ Electroless Nickel									
	MT Alum/ Nickel-PTFE									
	NF Alum/ Olive Drab Cadmium									
	ZR Alum/ Black Zinc-Nickel									
	TZ Alum/ Tin-Zinc									
	ZI SST/ Passivated									
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Shrink Boot	Omit if not required									
	T	Shrink Boot included								

Shell Size	A Thread UNEF-2B	ø B Max		F Max		G Max		H Max		J Max		Max Entry Size*
		in	mm	in	mm	in	mm	in	mm	in	mm	
8/9	0.4375-28	.86	21.8	.795	20.2	1.045	26.5	.906	23.0	1.155	29.3	02
10/11	0.5625-24	.97	24.6	.820	20.8	1.075	27.3	.966	24.5	1.225	31.1	03
12/13	0.6875-24	1.11	28.2	.844	21.4	1.097	27.9	1.026	26.1	1.285	32.6	04
14/15	0.8125-20	1.21	30.7	.861	21.9	1.125	28.6	1.076	27.3	1.345	34.2	05
16/17	0.9375-20	1.35	34.3	.888	22.6	1.145	29.1	1.136	28.9	1.405	35.7	06
18/19	1.0625-18	1.46	37.1	.904	23.0	1.165	29.6	1.176	29.9	1.455	37.0	06
20/21	1.1875-18	1.60	40.6	.929	23.6	1.195	30.4	1.236	31.4	1.525	38.7	07
22/23	1.3125-18	1.70	43.2	.956	24.3	1.215	30.9	1.296	32.9	1.575	40.0	08
24/25	1.4375-18	1.84	46.7	.979	24.9	1.245	31.6	1.356	34.4	1.645	41.8	09



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

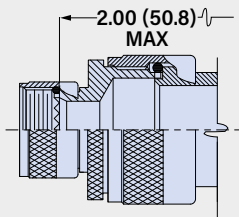
311F*039 Shrink Boot Adapter, Braid Trap, Self-Locking

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

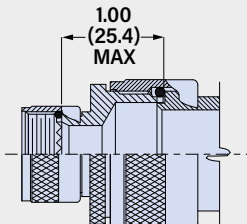
Shell Size	Max Entry Size	Shell Size	Max Entry Size
08	02	18	06
10	03	20	07
12	04	22	08
14	05	24	09
16	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds ½ inch to the length.

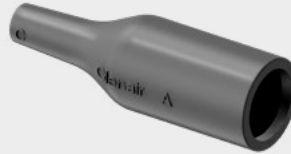
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.00 inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

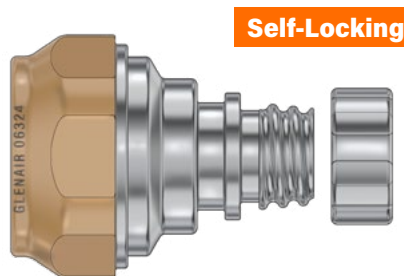


Entry Size	Shrink Boot P/N
02	770-003S112
03	770-003S103
04	770-003S103
05	770-003S104
06	770-003S104
07	770-003S105
08	770-003S106
09	770-003S107

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

311F*019 Shrink Boot Adapter, Braid Trap, Composite



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

BRAID TRAP

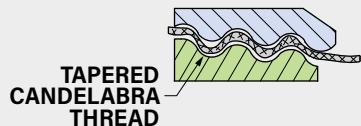


TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes	K Entry Dia.		L	
		±.030 (0.8) in mm	±.06 (1.5) in mm	in	mm
02	08-24	.250	6.4	.52	13.2
03	10-24	.375	9.5	.64	16.3
04	12-24	.500	12.7	.77	19.6
05	14-24	.625	15.9	.92	23.4
06	16-24	.750	19.1	1.02	25.9
07	18-24	.810	20.6	1.14	29.0
08	20-24	.940	23.9	1.27	32.3
09	22-24	1.060	26.9	1.43	36.3
10	24	1.190	30.2	1.52	38.6

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

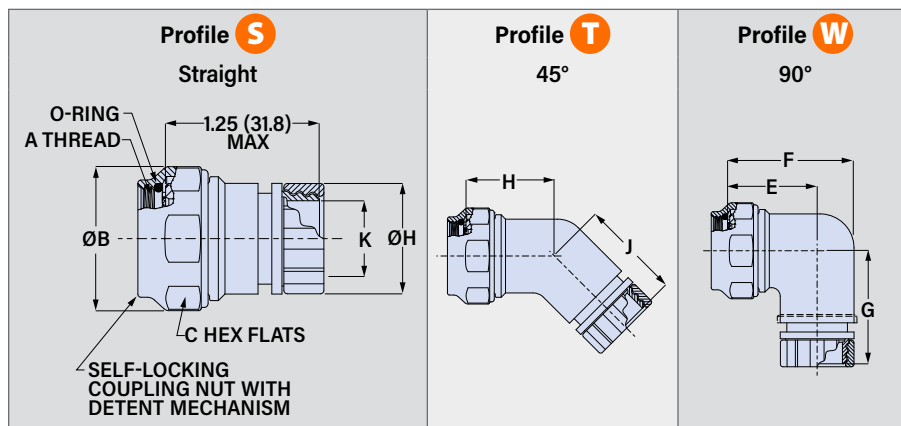


Entry Size	Shrink Boot P/N
02	770-003S112
03	770-003S103
04	770-003S103
05	770-003S104
06	770-003S104
07	770-003S105
08	770-003S106
09	770-003S107
10	770-003S107

Corrosion-proof composite material. 311F*019 composite shrink boot adapter fits MIL-DTL-38999 Series I and II connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic, silicone O-ring.

PART NUMBER

		311FS019	XM	20	06	T				
Base P/N	Base Part No.	311FS019	XM	20	06	T				
	Profile	S								
		311FT019	T							
		311FW019	W							
Finish	XM	Electroless Nickel	<i>Coupling nut is natural amber color, unplated</i>							
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XZR	Black Zinc-Nickel								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Shrink Boot	Omit if not required									
	T	Shrink Boot included								



Shell Size	A Thread	ØB Max	C Hex Flats	ØE ±.06(1.5)	F ±.09(2.3)	G ±.09(2.3)	H ±.06(1.5)	J ±.09(2.3)	Max Entry Size							
8/9	0.4375-28	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.19	30.2	.72	18.3	1.00	25.4	02
10/11	0.5625-24	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.25	31.8	.75	19.1	1.06	26.9	03
12/13	0.6875-24	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.31	33.3	.75	19.1	1.13	28.7	04
14/15	0.8125-20	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	.76	19.3	1.16	29.5	05
16/17	0.9375-20	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	.78	19.8	1.18	30.0	06
18/19	1.0625-18	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	.79	20.1	1.19	30.2	07
20/21	1.1875-18	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	.82	20.8	1.22	31.0	08
22/23	1.3125-18	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	.86	21.8	1.26	32.0	09
24/25	1.4375-18	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	.89	22.6	1.29	32.8	10

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

319F*001 Shrink Boot Adapter, Braid Sock



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

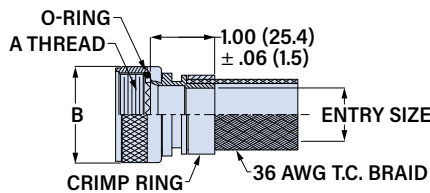
PROFILE SELECTION GUIDE

S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°

Braid Sock. 319F*001 shrink boot adapter with braid sock fits MIL-DTL-38999 Series I and II connectors. Adapter has braid attached with crimp ring, install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel. Tin-plated copper crimp ring. Braid is 36 AWG tinned copper per A-A-59569.

PART NUMBER

	319FS001	NF	10	04	-6	T					
Base P/N	Base Part No.	Profile									
	319FS001	S Straight									
	319FA001	A 90° Elbow									
	319FB001	B 45° Elbow									
	319FC001	C 90° Low Prof.									
	319FD001	D 90° Split									
	319FF001	F 45° Split									
	319FH001	H 45° Cut/Weld									
	319FJ001	J 90° Cut/Weld									
Material/Finish	M Alum/ Electroless Nickel										
	MT Alum/ Nickel-PTFE										
	NF Alum/ Olive Drab Cadmium										
	ZR Alum/ Black Zinc-Nickel										
	TZ Alum/ Tin-Zinc										
	ZI SST/ Passivated (Profiles H, J, S only)										
Shell Size	Shell Size										
	38999 Series I	9	11	13	15	17	19	21	23	25	
	38999 Series II	8	10	12	14	16	18	20	22	24	
		Size Code	08	10	12	14	16	18	20	22	24
Entry Size	Entry Size	Cable Entry Size	Shell Size	Entry Size	Cable Entry Size	Shell Size					
		± .015 (0.4)	Sizes*		± .015 (0.4)	Sizes*					
	01	.188 (4.8)	08-24		10	.750 (19.1)	16-24				
	02	.250 (6.4)	08-24		11	.812 (20.6)	18-24				
	03	.312 (7.9)	10-24		12	.875 (22.2)	20-24				
	04	.375 (9.5)	10-24		13	.938 (23.8)	20-24				
	05	.438 (11.1)	12-24		14	1.000 (25.4)	22-24				
	06	.500 (12.7)	12-24		22	1.062 (27.0)	22-24				
	07	.562 (14.3)	14-24		19	1.125 (28.6)	22-24				
	08	.625 (15.9)	14-24		23	1.188 (30.2)	24				
	09	.688 (17.5)	16-24		15	1.250 (31.8)	*				
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. Δ Profile C entry size cannot exceed shell size range listed in table.											
Braid Length	Braid length in inches, 4 inch minimum.										
Shrink Boot	Omit if not required T Shrink Boot included										

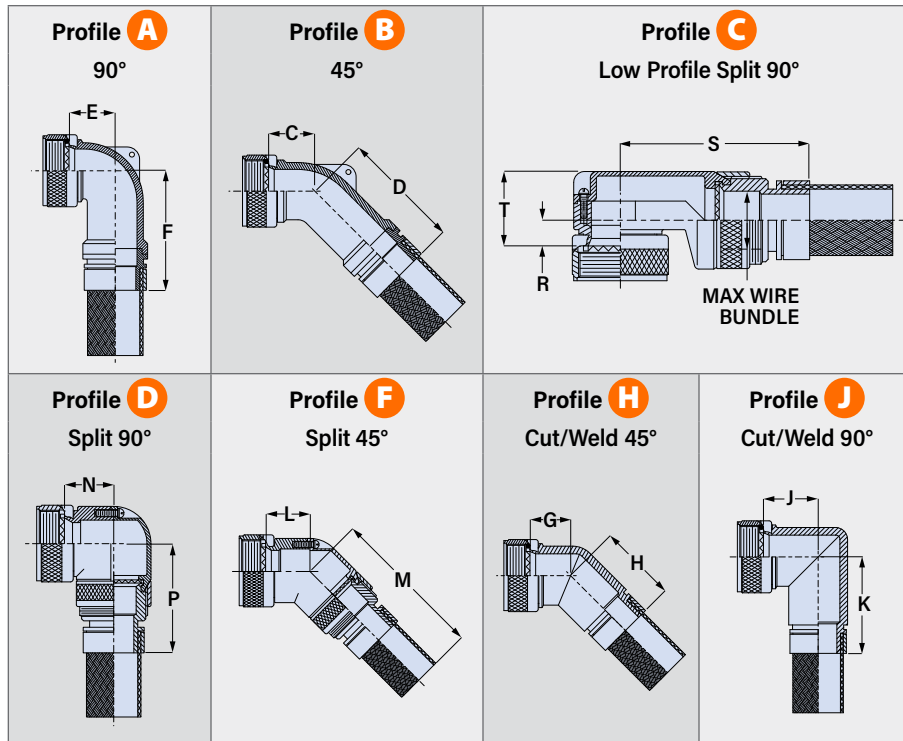


Shell Size	A Thread	øB Max
	UNE-F-2B	in mm
8/9	0.4375-28	.650 16.5
10/11	0.5625-24	.770 19.6
12/13	0.6875-24	.890 22.6
14/15	0.8125-20	1.020 25.9
16/17	0.9375-20	1.150 29.2
18/19	1.0625-18	1.230 31.2
20/21	1.1875-18	1.360 34.5
22/23	1.3125-18	1.480 37.6
24/25	1.4375-18	1.730 43.9

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

319F*001 Shrink Boot Adapter, Braid Sock



SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Entry Size	Shrink Boot P/N
01-02	770-003S11
03-05	770-001S103
06-08	770-001S104
09-11	770-001S105
12-14	770-001S106
15	770-001S107
16-17	770-001S108
18	770-001S109
19-20	770-001S107
21	770-001S108
22	770-001S106
23	770-001S107

MAXIMUM ENTRY SIZE

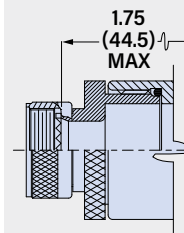
If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

Shell Size	Max Entry Size	Shell Size	Max Entry Size
08	02	18	11
10	04	20	13
12	06	22	19
14	08	24	23
16	10		

Shell Size	C Max		D Max		E Max		F Max		G Max		H Max		J Max		K Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.457	11.6	1.71	43.4	.500	12.7	1.730	43.9	.830	21.1	1.045	26.5	.940	23.9	1.155	29.3
10	.520	13.2	1.77	45.0	.595	15.1	1.850	47.0	.860	21.8	1.075	27.3	1.010	25.7	1.225	31.1
12	.582	14.8	1.83	46.5	.610	15.5	1.870	47.5	.882	22.4	1.097	27.9	1.070	27.2	1.285	32.6
14	.645	16.4	1.92	48.8	.700	17.8	1.940	49.3	.900	22.9	1.125	28.6	1.130	28.7	1.345	34.2
16	.738	18.7	2.03	51.6	.885	22.5	2.030	51.6	.930	23.6	1.145	29.1	1.190	30.2	1.405	35.7
18	.926	23.5	2.22	56.4	.975	24.8	2.200	55.9	.950	24.1	1.165	29.6	1.240	31.5	1.455	37.0
20	.926	23.5	2.22	56.4	.975	24.8	2.200	55.9	.980	24.9	1.195	30.4	1.310	33.3	1.525	38.7
22	1.020	25.9	2.37	60.2	1.125	28.6	2.310	58.7	1.000	25.4	1.215	30.9	1.360	34.5	1.575	40.0
24	1.020	25.9	2.37	60.2	1.125	28.6	2.310	58.7	1.030	26.2	1.245	31.6	1.430	36.3	1.645	41.8

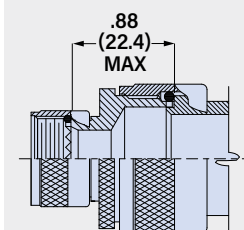
Shell Size	L Max		M Max		N Max		P Max		R Ref	S Max		T Max		Max Wire Bundle		
	in	mm	in	mm	in	mm	in	mm		in	mm	in	mm			
08	.440	11.2	1.500	38.1	.680	17.3	1.440	36.6	.340	8.6	1.780	45.2	.681	17.3	.250	6.4
10	.500	12.7	1.560	39.6	.750	19.1	1.500	38.1	.270	6.9	1.940	49.3	.731	18.6	.375	9.5
12	.560	14.2	1.630	41.4	.810	20.6	1.570	39.9	.270	6.9	1.940	49.3	.731	18.6	.375	9.5
14	.620	15.7	1.660	42.2	.870	22.1	1.600	40.6	.280	7.1	2.010	51.1	.831	21.1	.500	12.7
16	.680	17.3	1.760	44.7	.930	23.6	1.700	43.2	.420	10.7	2.060	52.3	.981	24.9	.625	15.9
18	.750	19.1	1.820	46.2	1.000	25.4	1.760	44.7	.640	16.3	2.090	53.1	1.181	30.0	.625	15.9
20	.820	20.8	1.880	47.8	1.060	26.9	1.820	46.2	.640	16.3	2.090	53.1	1.181	30.0	.625	15.9
22	.880	22.4	1.940	49.3	1.120	28.4	1.880	47.8	.540	13.7	2.240	56.9	1.181	30.0	.750	19.1
24	.940	23.9	2.000	50.8	1.180	30.3	1.940	49.3	.540	13.7	2.240	56.9	1.181	30.0	.750	19.1

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds 1/2 inch to the length.

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inch.

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

319F*044 Shrink Boot Adapter, Braid Sock, Self-Locking

Self-Locking

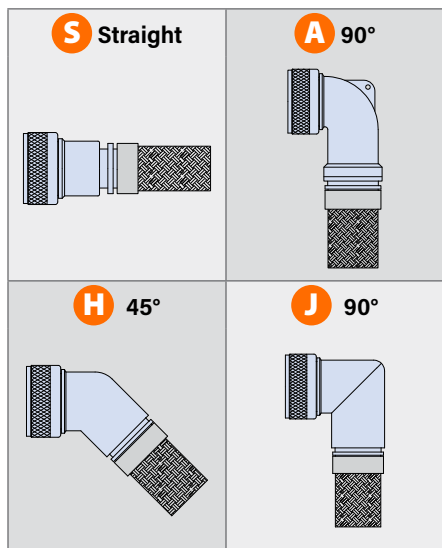


Braid Sock. 319F*044 shrink boot adapter with braid sock fits MIL-DTL-38999 Series I and II connectors. Adapter has braid attached with crimp ring. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring. Tin-plated copper crimp ring. Braid is 36 AWG tinned copper per A-A-59569.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILE SELECTION GUIDE

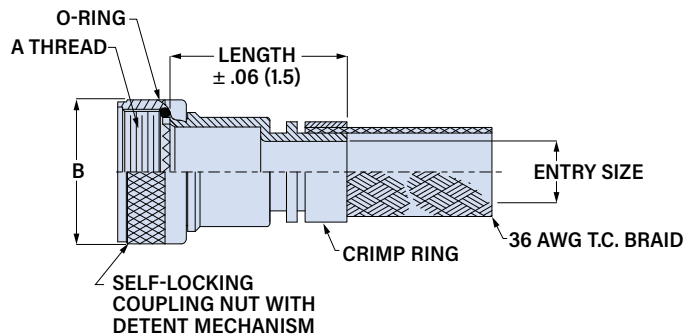


Shell Size	A Thread UNEF-2B	ø B Max in	Max mm	Max Entry Size*
8/9	0.4375-28	.86	21.8	02
10/11	0.5625-24	.97	24.6	04
12/13	0.6875-24	1.11	28.2	06
14/15	0.8125-20	1.21	30.7	08
16/17	0.9375-20	1.35	34.3	10
18/19	1.0625-18	1.46	37.1	11
20/21	1.1875-18	1.60	40.6	13
22/23	1.3125-18	1.70	43.2	14
24/25	1.4375-18	1.84	46.7	14

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See **Maximum Entry Size** on next page.

PART NUMBER

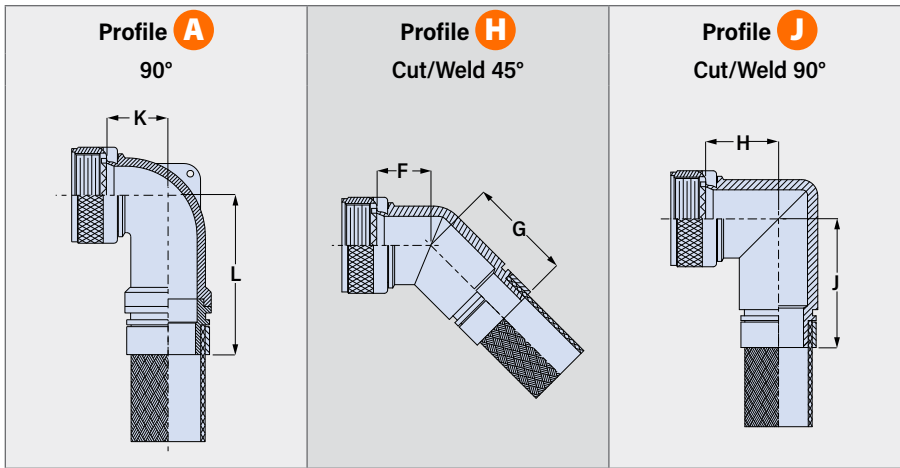
319FS044	M	16	08	-6	-4	T				
Base P/N	Base Part No.	Profile								
	319FS044	S Straight								
	319FA044	A 90° Elbow								
	319FH044	H 45° Cut/Weld								
	319FJ044	J 90° Cut/Weld								
Material/Finish	M Alum/ Electroless Nickel	MT Alum/ Nickel-PTFE								
	NF Alum/ Olive Drab Cadmium	ZR Alum/ Black Zinc-Nickel								
	TZ Alum/ Tin-Zinc	ZI SST/ Passivated (Profiles H, J, S only)								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	Cable Entry Size	Shell Size*	Cable Entry Size	Shell Size*						
	01 .188 (4.8)	08-24	09 .688 (17.5)	16-24						
	02 .250 (6.4)	08-24	10 .750 (19.1)	16-24						
	03 .312 (7.9)	10-24	11 .812 (20.6)	18-24						
	04 .375 (9.5)	10-24	12 .875 (22.2)	20-24						
	05 .438 (11.1)	12-24	13 .938 (23.8)	20-24						
	06 .500 (12.7)	12-24	14 1.000 (25.4)	22-24						
	07 .562 (14.3)	14-24	15 1.250 (31.8)	-						
	08 .625 (15.9)	14-24	16 1.500 (38.1)	-						
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size .										
Braid Length	Braid length in one inch increments, 6 inch minimum.									
Length	3 1.5 inches	Applies to Profile S only.								
	4 2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.								
	5 2.5 inches									
Shrink Boot	Omit if not required									
	T Shrink Boot included									



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

319F*044 Shrink Boot Adapter, Braid Sock, Self-Locking



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	.986	25.0	1.045	26.5	1.096	27.8	1.155	29.3	.655	16.6	1.88	47.8
10/11	1.016	25.8	1.075	27.3	1.166	29.6	1.225	31.1	.750	19.1	2.00	50.8
12/13	1.038	26.4	1.097	27.9	1.226	31.1	1.285	32.6	.765	19.4	2.02	51.3
14/15	1.056	26.8	1.125	28.6	1.286	32.7	1.345	34.2	.855	21.7	2.09	53.1
16/17	1.066	27.1	1.145	29.1	1.346	34.2	1.405	35.7	1.040	26.4	2.18	55.4
18/19	1.106	28.1	1.165	29.6	1.396	35.5	1.455	37.0	1.130	28.7	2.35	59.7
20/21	1.136	28.9	1.195	30.4	1.466	37.2	1.525	38.7	1.130	28.7	2.35	59.7
22/23	1.156	29.4	1.215	30.9	1.516	38.5	1.575	40.0	1.280	32.5	2.46	62.5
24/25	1.186	30.1	1.245	31.6	1.586	40.3	1.645	41.8	1.280	32.5	2.46	62.5

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



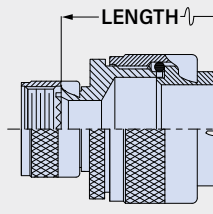
Entry Size	Shrink Boot P/N
01-02	770-003S111
03-05	770-001S103
06-08	770-001S104
09-11	770-001S105
12-14	770-001S106
15	770-001S107
16	770-001S108

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

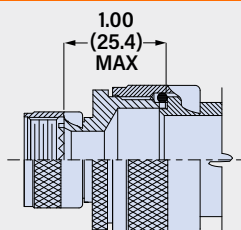
Shell Size	Max Entry Size
08	02
10	04
12	06
14	08
16	10
18	11
20	13
22	14
24	14

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.00 inch.

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series I and II Connectors

319FS155 Shrink Boot Adapter, Braid Sock, Composite

Self-Locking

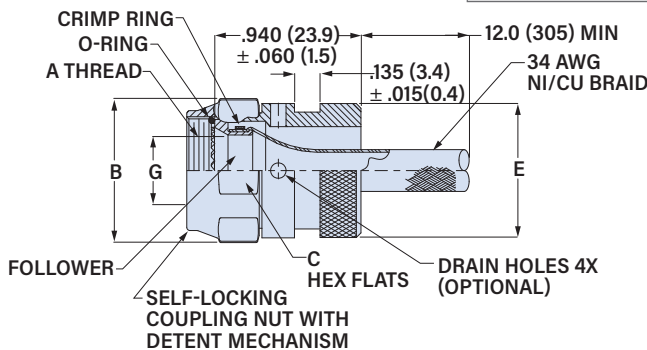


Low profile, corrosion-proof, shielded. 319F*155 shrink boot adapter with braid sock fits MIL-DTL-38999 Series I and II connectors. Adapter has 12 inches of shield braid attached to nickel-plated brass follower. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit. Glass-filled high performance thermoplastic. Tin-plated copper crimp ring, nickel-plated brass follower, silicone O-ring.

Adapter Code F
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

MATERIAL AND FINISH
Coupling nut, adapter, split ring: high performance thermoplastic
EMI adapter: brass, electroless nickel plating
Anti-decoupling spring: high performance thermoplastic
O-ring: silicone
Crimp ring: copper alloy, tin plated
Braid:
34 AWG nickel-coated copper (standard)
Code T: 34 AWG tin-coated copper,
Code A: AmberStrand® ultralightweight nickel-coated polymer
Code L: ArmorLite® lightweight microfilament nickel-coated 316L SST

PART NUMBER		319FS155	XB	16	L-	D	T	R	14	
Base P/N	319FS155									
Finish	XB No Finish, Black Color									
Shell Size	Shell Size									
	38999Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Braid Type	Omit for 34 AWG nickel-coated copper									
	T-	34 AWG Tin/Copper								
	A-	AmberStrand® Nickel/Composite								
	L-	ArmorLite® Nickel/SST								
Drain Holes	Omit if not required									
	D	Drain Holes								
Shrink Boot	Omit if not required									
	T	Shrink Boot included								
Split Ring and Band	Omit if not required									
	R	Split Ring and Band included With Backshell								
Braid Length	Omit for standard 12 inch length									
	14	Braid Length in one inch increments, 4 inch minimum								

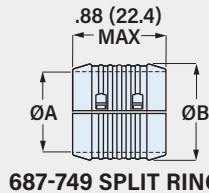


Shell Size	A Thread UNEF-2B	øB Max in	mm	C Hex Flats in	mm	E Max in	mm	øG ±.015 (0.4) in	mm
8/9	0.4375-28	.86	21.8	.750	19.1	.533	13.5	.265	6.7
10/11	0.5625-24	.98	24.9	.875	22.2	.605	15.4	.370	9.4
12/13	0.6875-24	1.16	29.5	1.000	25.4	.774	19.7	.506	12.9
14/15	0.8125-20	1.28	32.5	1.125	28.6	.838	21.3	.580	14.7
16/17	0.9375-20	1.41	35.8	1.250	31.8	.963	24.5	.705	17.9
18/19	1.0625-18	1.52	38.6	1.375	34.9	1.042	26.5	.784	19.9
20/21	1.1875-18	1.64	41.7	1.500	38.1	1.217	30.9	.907	23.0
22/23	1.3125-18	1.77	45.0	1.625	41.3	1.355	34.4	1.034	26.3
24/25	1.4375-18	1.89	48.0	1.750	44.5	1.443	36.7	1.140	28.9

SUPPORT RING AND PRE-COILED BAND (R OPTION)



Optional split support ring provides a reliable, low resistance method of splicing braid. Snap split ring over wire bundle, then overlap adapter braid and cable braid. Install band around split ring and braid using Band-Master ATS standard banding tool.



687-749 SPLIT RING



Banding Tool

Shell Size	Support Ring Part Number	øA ±.030 (0.8)		øB ±.030 (0.8)	
		in	mm	in	mm
08	687-749XB04	.25	6.4	.40	10.2
10	687-749XB06	.38	9.7	.53	13.5
12	687-749XB08	.50	12.7	.65	16.5
14	687-749XB10	.63	16.0	.78	19.8
16	687-749XB12	.75	19.1	.90	22.9
18	687-749XB14	.88	22.4	1.03	26.2
20	687-749XB16	1.00	25.4	1.15	29.2
22	687-749XB18	1.13	28.7	1.28	32.5
24	687-749XB20	1.25	31.8	1.40	35.6
Shell Size	Band Part Number	Tool Part Number			
8-24	601-041	601-100			

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

310H*001 Shrink Boot Adapter, Spin Coupling



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Shell Size	Shrink Boot P/N
9 (A)	770-003S102
11 (B)	770-003S103
13 (C)	770-001S103
15 (D)	770-001S103
17 (E)	770-001S104
19 (F)	770-001S104
21 (G)	770-001S106
23 (H)	770-001S107
25 (J)	770-001S107

Spin coupling. Boot groove. 310H*001 shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

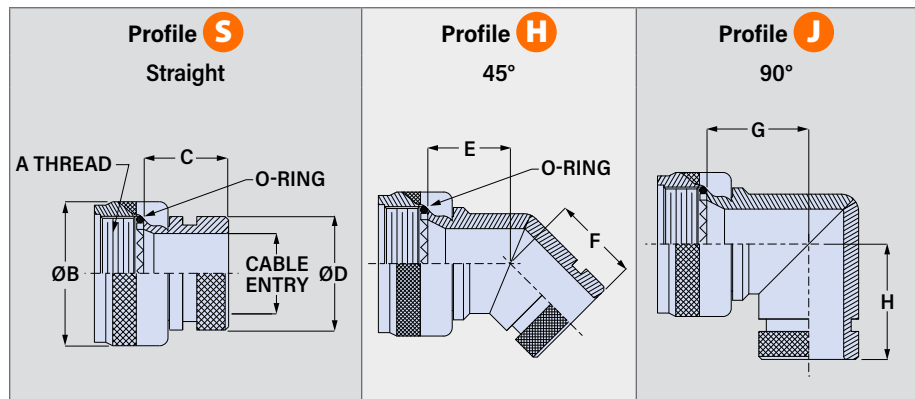
310HS001 M 17 T

Base P/N	Base Part No.	Profile
	310HS001	S Straight
	310HH001	H 45°
310HJ001	J 90°	

Material/Finish	M Alum/ Electroless Nickel
	MT Alum/ Nickel-PTFE
	NF Alum/ Olive Drab Cadmium
	ZR Alum/ Black Zinc-Nickel
	TZ Alum/ Tin-Zinc
ZI SST/ Passivated	

Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25

Shrink Boot	Omit if not required
	T Shrink Boot included



Shell Size	A Thread	øB Max		C Max		ø D Max		E Max		F Max		G Max		H Max		Cable Entry Min	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
9 (A)	M12X1.0-6H	.770	19.6	.940	23.9	.533	13.5	.639	16.2	.810	20.6	.750	19.1	.920	23.4	.250	6.4
11 (B)	M15X1.0-6H	.840	21.3	.940	23.9	.605	15.4	.664	16.9	.840	21.3	.810	20.6	.980	24.9	.355	9.0
13 (C)	M18X1.0-6H	.960	24.4	.940	23.9	.774	19.7	.688	17.5	.860	21.8	.870	22.1	1.040	26.4	.491	12.5
15 (D)	M22X1.0-6H	1.090	27.7	.940	23.9	.838	21.3	.705	17.9	.890	22.6	.920	23.4	1.110	28.2	.565	14.4
17 (E)	M25X1.0-6H	1.230	31.2	.940	23.9	.963	24.5	.732	18.6	.910	23.1	.980	24.9	1.170	29.7	.690	17.5
19 (F)	M28X1.0-6H	1.360	34.5	.940	23.9	1.042	26.5	.748	19.0	.920	23.4	1.020	25.9	1.190	30.2	.769	19.5
21 (G)	M31X1.0-6H	1.480	37.6	.940	23.9	1.217	30.9	.773	19.6	.940	23.9	1.080	27.4	1.250	31.8	.894	22.7
23 (H)	M34X1.0-6H	1.600	40.6	.940	23.9	1.355	34.4	.800	20.3	.980	24.9	1.140	29.0	1.330	33.8	1.019	25.9
25 (J)	M37X1.0-6H	1.720	43.7	.940	23.9	1.443	36.7	.823	20.9	1.010	25.7	1.200	30.5	1.400	35.6	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

310HS034 Shrink Boot Adapter, Direct Coupling

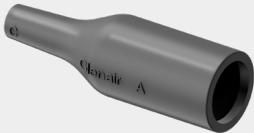


Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



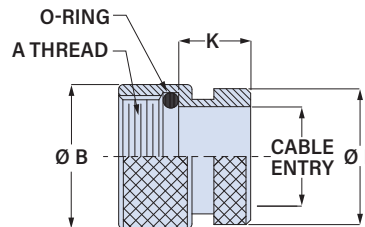
Shell Size	Shrink Boot P/N
9 (A)	770-001S103
11 (B)	770-001S103
13 (C)	770-001S104
15 (D)	770-001S106
17 (E)	770-001S106
19 (F)	770-001S107
21 (G)	770-001S107
23 (H)	770-001S108
25 (J)	770-001S108

Direct coupling. Low profile. 310HS034 shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

310HS034 NF 17 T

Base P/N	310HS034										
Material/Finish	M	Alum/ Electroless Nickel									
	MT	Alum/ Nickel-PTFE									
	NF	Alum/ Olive Drab Cadmium									
	ZR	Alum/ Black Zinc-Nickel									
	TZ	Alum/ Tin-Zinc									
	ZI	SST/ Passivated									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25	
	Size Code	09	11	13	15	17	19	21	23	25	
Shrink Boot	<i>Omit if not required</i>										
	T	Shrink Boot included									



Shell Size	A Thread	Ø B Max		K Max		Ø L Max		Cable Entry Min	
		in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.65	16.5	.500	12.7	.688	17.5	.250	6.4
11 (B)	M15X1.0-6H	.77	19.6	.500	12.7	.803	20.4	.355	9.0
13 (C)	M18X1.0-6H	.89	22.6	.500	12.7	.938	23.8	.491	12.5
15 (D)	M22X1.0-6H	1.03	26.2	.500	12.7	1.063	27.0	.565	14.4
17 (E)	M25X1.0-6H	1.15	29.2	.500	12.7	1.238	31.4	.690	17.5
19 (F)	M28X1.0-6H	1.28	32.5	.500	12.7	1.310	33.3	.769	19.5
21 (G)	M31X1.0-6H	1.41	35.8	.500	12.7	1.436	36.5	.844	21.4
23 (H)	M34X1.0-6H	1.53	38.9	.500	12.7	1.560	39.6	1.019	25.9
25 (J)	M37X1.0-6H	1.66	42.2	.500	12.7	1.686	42.8	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

310HS055 Shrink Boot Adapter, Pre-installed Boot



Self-Locking

- Pre-installed boot for 50% faster boot installation
- Environmental
- Adhesive lined
- 3 boot material options
- Aluminum or SST adapter

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Fast installation, environmental, self-locking. 310HS055 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Use with jacketed, unshielded cable. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 U.S. Army approved flexible polyolefin. Adapter is aluminum or stainless steel, available in standard mil spec finishes. Silicone O-ring, polyamide adhesive.

PART NUMBER

310HS055 NF 17 -2

Base P/N **310HS055**

Material/Finish

- M** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc
- ZI** SST/ Passivated

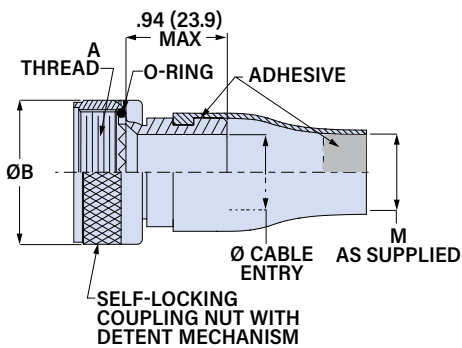
Shell Size

Shell Size	9	11	13	15	17	19	21	23	25
	A	B	C	D	E	F	G	H	J
Size Code	09	11	13	15	17	19	21	23	25

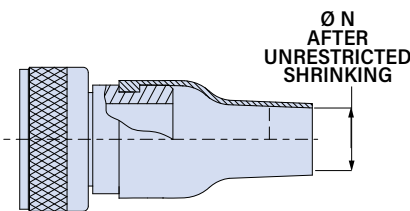
Boot Material

- 1** Type 1 High Performance Semi-Rigid Elastomer
- 2** Type 2 Zero Halogen Semi-Rigid Polyolefin
- 3** Type 3 Flexible Polyolefin

As Supplied



After Shrinking



SHRINK BOOT MATERIAL SELECTION GUIDE

	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Shell Size	A Thread	øB Max		ø M Min		ø N Max		Min Cable Entry	
		in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.94	24.8	.250	6.4	.197	5.0	.250	6.4
11 (B)	M15X1.0-6H	1.06	26.9	.355	9.0	.197	5.0	.355	9.0
13 (C)	M18X1.0-6H	1.17	29.7	.491	12.5	.236	6.0	.491	12.5
15 (D)	M22X1.0-6H	1.29	32.7	.565	14.4	.236	6.0	.565	14.4
17 (E)	M25X1.0-6H	1.42	36.1	.690	17.5	.276	7.0	.690	17.5
19 (F)	M28X1.0-6H	1.54	39.1	.769	19.5	.335	8.5	.769	19.5
21 (G)	M31X1.0-6H	1.67	42.4	.894	22.7	.394	10.0	.894	22.7
23 (H)	M34X1.0-6H	2.01	51.1	1.019	25.9	.394	10.0	1.019	25.9
25 (J)	M37X1.0-6H	2.12	53.8	1.134	28.8	.591	15.0	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

310HS048 Shrink Boot Adapter, Pre-installed Boot, Composite



Self-Locking

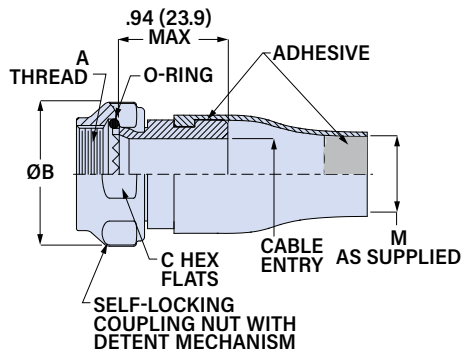
- Pre-installed boot for 50% faster boot installation
- Environmental
- Adhesive lined
- 3 boot material options
- Corrosion-proof composite

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Fast installation, environmental, self-locking, corrosion-proof composite. 310HS048 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Use with jacketed, unshielded cable. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin Adapter is glass-filled high performance thermoplastic, silicone O-ring.

As Supplied



PART NUMBER

310HS048 XB 23 -1

Base P/N 310HS048

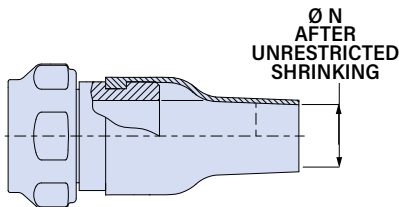
Finish XB No Plating, Black

Shell Size	Shell Size									
	9	11	13	15	17	19	21	23	25	
	A	B	C	D	E	F	G	H	J	
Size Code	09	11	13	15	17	19	21	23	25	

Boot Material

- 1 Type 1 High Performance Semi-Rigid Elastomer
- 2 Type 2 Zero Halogen Semi-Rigid Polyolefin
- 3 Type 3 Flexible Polyolefin

After Shrinking



SHRINK BOOT MATERIAL SELECTION GUIDE

	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Shell Size	A Thread	Ø B Max		C Hex Flats		Ø M Min		Ø N Max		Min Cable Entry	
		in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	.250	6.4	.197	5.0	.250	6.4
11 (B)	M15X1.0-6H	.98	24.9	.875	22.2	.355	9.0	.197	5.0	.355	9.0
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	.491	12.5	.236	6.0	.491	12.5
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	.565	14.4	.236	6.0	.565	14.4
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	.690	17.5	.276	7.0	.690	17.5
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	.769	19.5	.335	8.5	.769	19.5
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	.894	22.7	.394	10.0	.894	22.7
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.019	25.9	.394	10.0	1.019	25.9
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.134	28.8	.591	15.0	1.134	28.8

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

310H*058 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter



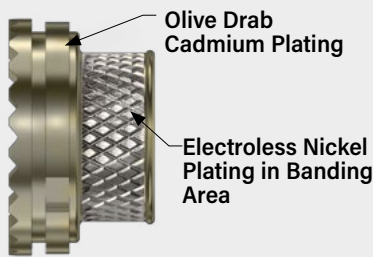
Self-Locking

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- 3 material options
- "Drop-in" EMI banding adapter

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

FIG. 1: NFS PLATING



Banding Adapter with selective NFS plating finish

BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

Fast installation, shielded, environmental, self-locking. 310H*058 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Use with jacketed, shielded cable. Terminate cable overbraid to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin Backshell, coupling nut and drop-in banding adapter are aluminum. Silicone O-ring, polyamide hot melt adhesive.

PART NUMBER

310HS058 NF 17 -2 K

Base P/N	Base Part No.	Profile
	310HS058 S	Straight
	310HA058 A	90° Boot
	310HB058 B	45° Boot
Material/Finish	M	Alum/ Electroless Nickel
	MT	Alum/ Nickel-PTFE
	NF	Alum/ Olive Drab Cadmium
	NFS	Alum/ Olive Drab Cadmium, Selective (fig. 1)
	ZR	Alum/ Black Zinc-Nickel
	TZ	Alum/ Tin-Zinc
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25
	Size Code	09 11 13 15 17 19 21 23 25
Boot Material	-1	Type 1 High Performance Semi-Rigid Elastomer
	-2	Type 2 Zero Halogen Semi-Rigid Polyolefin
	-3	Type 3 Flexible Polyolefin
Band	<i>Omit if not required</i>	
	K	Pre-Coiled MicroBand included With Backshell

SHRINK BOOT MATERIAL SELECTION GUIDE

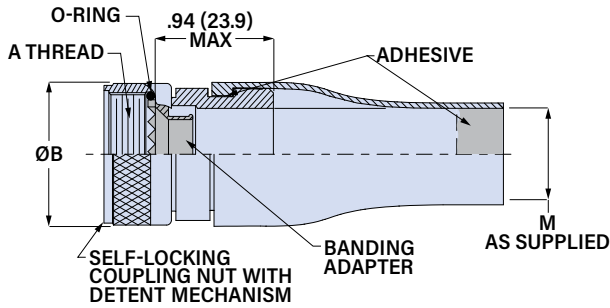
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Series 31 Shrink Boot Adapters

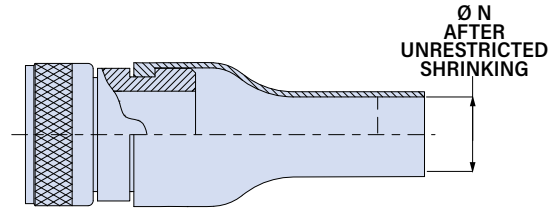
for MIL-DTL-38999 Series III and IV Connectors

310H*058 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter

As Supplied

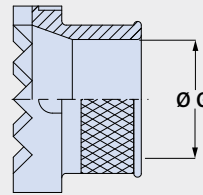


After Shrinking



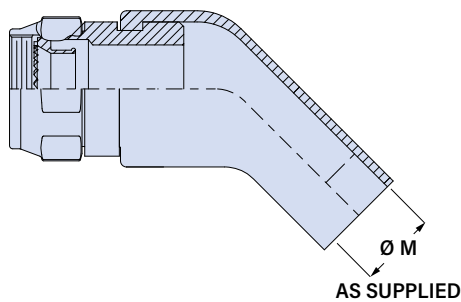
Shell Size	A Thread	ØB Max		Ø M Min		Ø N Max	
		in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.94	24.8	.250	6.4	.197	5.0
11 (B)	M15X1.0-6H	1.06	26.9	.355	9.0	.197	5.0
13 (C)	M18X1.0-6H	1.17	29.7	.491	12.5	.236	6.0
15 (D)	M22X1.0-6H	1.29	32.7	.565	14.4	.236	6.0
17 (E)	M25X1.0-6H	1.42	36.1	.690	17.5	.276	7.0
19 (F)	M28X1.0-6H	1.54	39.1	.769	19.5	.335	8.5
21 (G)	M31X1.0-6H	1.67	42.4	.894	22.7	.394	10.0
23 (H)	M34X1.0-6H	2.01	51.1	1.019	25.9	.394	10.0
25 (J)	M37X1.0-6H	2.12	53.8	1.134	28.8	.591	15.0

BANDING ADAPTER

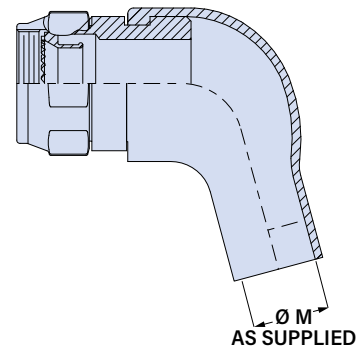


Shell Size	G Dia.	
	± .015 (0.4) in	mm
9 (A)	.160	4.1
11 (B)	.270	6.9
13 (C)	.390	9.9
15 (D)	.512	13.0
17 (E)	.627	15.9
19 (F)	.747	19.0
21 (G)	.891	22.6
23 (H)	.996	25.3
25 (J)	1.121	28.5

45°



90°



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

310H*057 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter, Composite



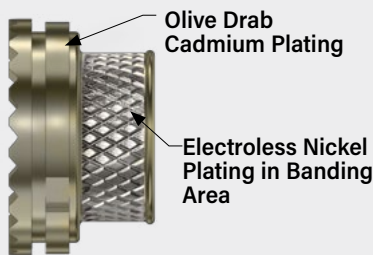
Self-Locking

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- Corrosion-proof composite material
- EMI banding adapter

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

FIG. 1: NFS PLATING



Banding Adapter with selective NFS plating finish

Fast installation, shielded, environmental, self-locking. 310H*057 "piggyback" shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Use with jacketed, shielded cable. Terminate cable overbraided to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin. Coupling nut and adapter body are PEI thermoplastic. EMI adapter is brass. Silicone O-ring, polyamide hot melt adhesive.

PART NUMBER

310HS057 BM 19 -1 K

Base P/N	Base Part No.	Profile
	310HS057 S	Straight
	310HA057 A	90° Boot
	310HB057 B	45° Boot
EMI Adapter Finish	BM	Electroless Nickel
	BMT	Nickel-PTFE
	BNS	Olive Drab Cadmium, Selective (fig. 1)
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25
	Size Code	09 11 13 15 17 19 21 23 25
Boot Material	-1	Type 1 High Performance Semi-Rigid Elastomer
	-2	Type 2 Zero Halogen Semi-Rigid Polyolefin
	-3	Type 3 Flexible Polyolefin
Band	Omit if not required	
	K	Pre-Coiled MicroBand included With Backshell

BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

SHRINK BOOT MATERIAL SELECTION GUIDE

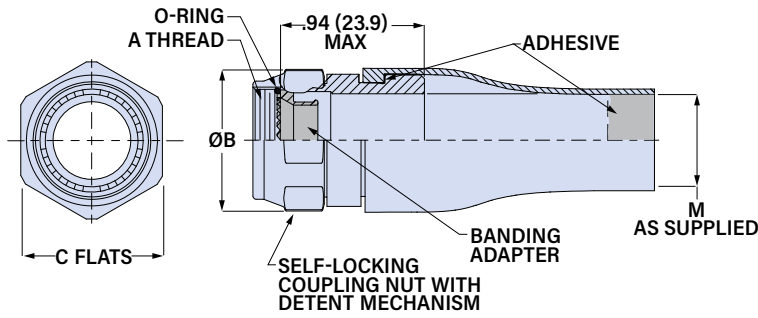
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
Material	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
Resistance to Fuels, Oils	Excellent	Very Good	Good
Adhesive Type	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
Continuous Operating Temp.	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
Low Smoke/Zero Halogen	No	Yes	No
SAE Material Type	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

Series 31 Shrink Boot Adapters

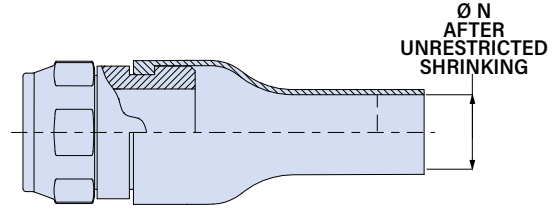
for MIL-DTL-38999 Series III and IV Connectors

310H*057 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter, Composite

As Supplied

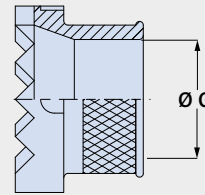


After Shrinking



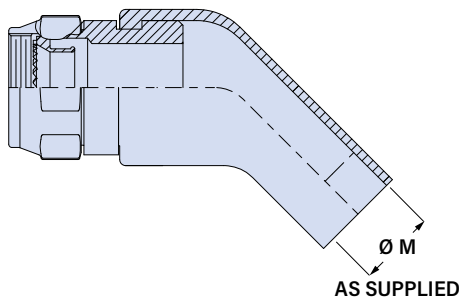
Shell Size	A Thread	Ø B Max		C Hex Flats		Ø M Min		Ø N Max	
		in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	.250	6.4	.197	5.0
11 (B)	M15X1.0-6H	.98	24.9	.875	22.2	.355	9.0	.197	5.0
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	.491	12.5	.236	6.0
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	.565	14.4	.236	6.0
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	.690	17.5	.276	7.0
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	.769	19.5	.335	8.5
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	.894	22.7	.394	10.0
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.019	25.9	.394	10.0
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.134	28.8	.591	15.0

BANDING ADAPTER

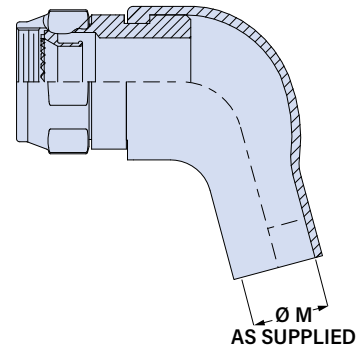


Shell Size	G Dia. ± .015 (0.4)	in	mm
11 (B)	.270	6.9	
13 (C)	.390	9.9	
15 (D)	.512	13.0	
17 (E)	.637	16.2	
19 (F)	.757	19.2	
21 (G)	.881	22.4	
23 (H)	1.006	25.6	
25 (J)	1.131	28.7	

45°



90°



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

311H*001 Shrink Boot Adapter, Braid Trap



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

BRAID TRAP

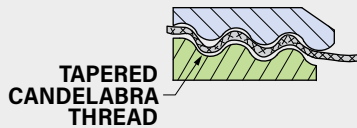


TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	Max Cable Dia. in	mm	J Max in	mm
02	09-25	.250	6.4	.515	13.1
03	11-25	.375	9.5	.640	16.3
04	13-25	.500	12.7	.765	19.4
05	15-25	.625	15.9	.920	23.4
06	17-25	.750	19.1	1.015	25.8
07	19-25	.875	22.2	1.140	29.0
08	21-25	1.000	25.4	1.265	32.1
09	23-25	1.125	28.6	1.432	36.4
10	25	1.250	31.8	1.515	38.5

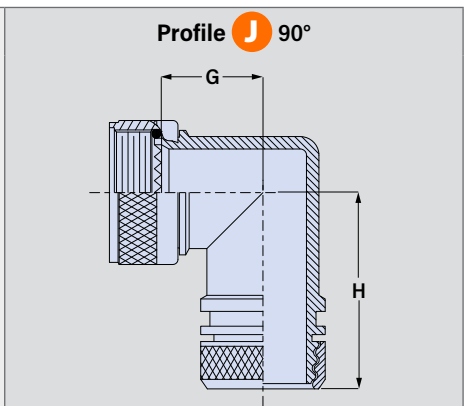
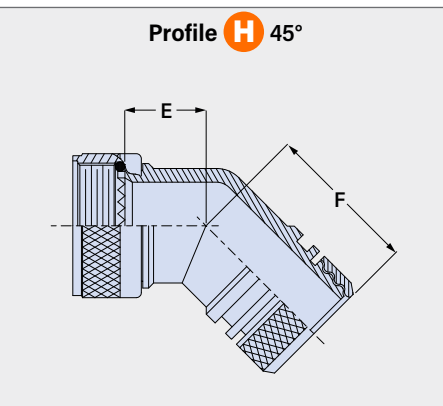
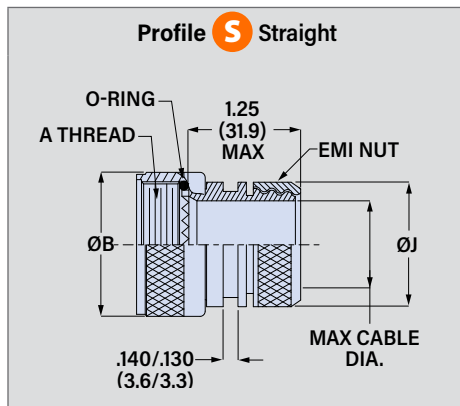
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Shielded. Variable entry size. 311H*001 shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

		311HS001	M	17	05	T				
Base P/N	Base Part No.	311HS001	S	Straight						
	311HH001	H	45°							
	311HJ001	J	90°							
Material/ Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Shrink Boot	Omit if not required									
	T	Shrink Boot included								

Shell Size	A Thread	øB Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	Max Entry Size*
9 (A)	M12X1.0-6H	.770	19.6	.830	21.1	1.045	26.5	.940	23.9	1.155	29.3	02
11 (B)	M15X1.0-6H	.840	21.3	.860	21.8	1.075	27.3	1.010	25.7	1.225	31.1	03
13 (C)	M18X1.0-6H	.960	24.4	.882	22.4	1.097	27.9	1.070	27.2	1.285	32.6	04
15 (D)	M22X1.0-6H	1.090	27.7	.900	22.9	1.125	28.6	1.130	28.7	1.345	34.2	05
17 (E)	M25X1.0-6H	1.230	31.2	.930	23.6	1.145	29.1	1.190	30.2	1.405	35.7	06
19 (F)	M28X1.0-6H	1.360	34.5	.950	24.1	1.165	29.6	1.240	31.5	1.455	37.0	07
21 (G)	M31X1.0-6H	1.480	37.6	.980	24.9	1.195	30.4	1.310	33.3	1.525	38.7	08
23 (H)	M34X1.0-6H	1.600	40.6	1.000	25.4	1.215	30.9	1.360	34.5	1.575	40.0	09
25 (J)	M37X1.0-6H	1.720	43.7	1.030	26.2	1.245	31.6	1.430	36.3	1.645	41.8	10



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

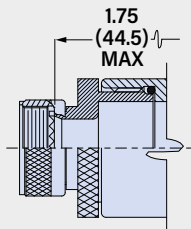
311H*001 Shrink Boot Adapter, Braid Trap

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

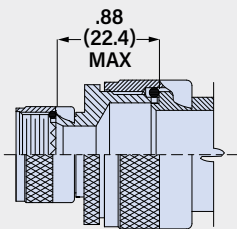
Shell Size	Max Entry Size
09	02
11	03
13	04
15	05
17	06
19	07
21	08
23	09
25	10

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds ½ inch to the length.

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



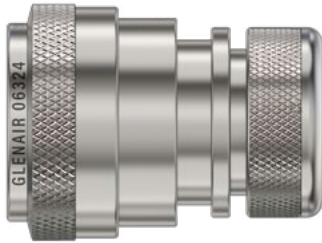
Entry Size	Shrink Boot P/N
02	770-001S103
03	770-001S103
04	770-001S104
05	770-001S104
06	770-001S105
07	770-001S106
08	770-001S106
09	770-001S107
10	770-001S107

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

311H*039 Shrink Boot Adapter, Braid Trap, Self-Locking

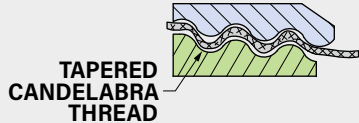
Self-Locking



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

BRAID TRAP



Shielded. Variable entry size. 311H*039 shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

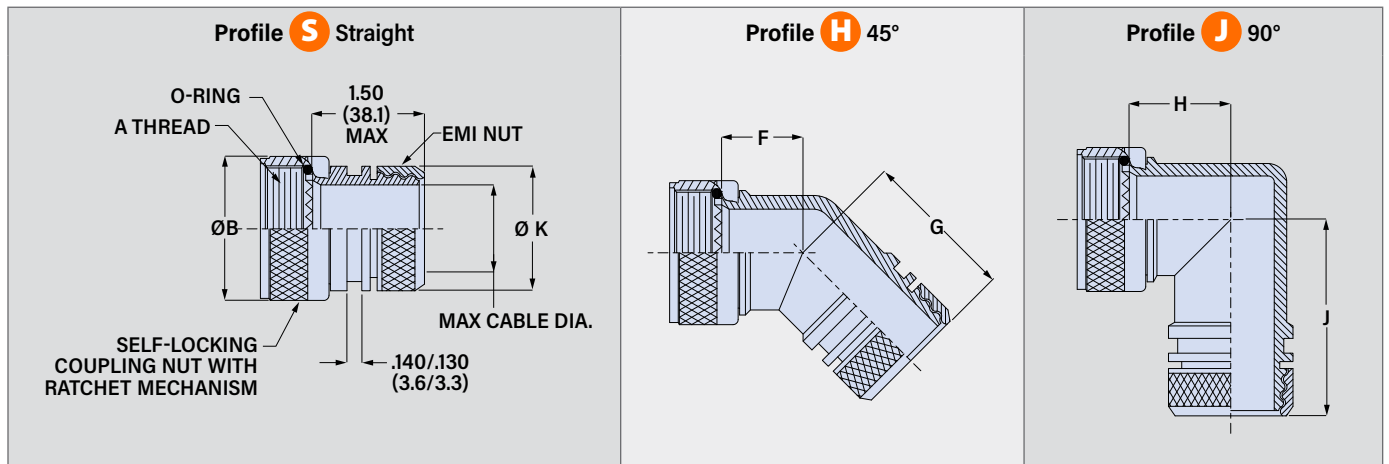
		311HS039	M	17	05	T				
Base P/N	Base Part No.	311HS039	S	Profile						
		311HH039	H	Straight						
		311HJ039	J	45°						
Material/ Finish		M	Alum/ Electroless Nickel							
		MT	Alum/ Nickel-PTFE							
		NF	Alum/ Olive Drab Cadmium							
		ZR	Alum/ Black Zinc-Nickel							
		TZ	Alum/ Tin-Zinc							
	ZI	SST/ Passivated								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	A	B	C	D	E	F	G	H	J
		09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Shrink Boot	Omit if not required T Shrink Boot included									

TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	Max Cable Dia. in	mm	K Max in	Max mm
02	09-25	.250	6.4	.515	13.1
03	11-25	.375	9.5	.640	16.3
04	13-25	.500	12.7	.765	19.4
05	15-25	.625	15.9	.920	23.4
06	17-25	.750	19.1	1.015	25.8
07	21-25	.875	22.2	1.140	29.0
08	23-25	1.000	25.4	1.265	32.1
09	25	1.125	28.6	1.432	36.4

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Shell Size	A Thread	ø B Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	Max Entry Size*
9 (A)	M12X1.0-6H	.94	24.8	.795	20.2	1.045	26.5	.906	23.0	1.155	29.3	02
11 (B)	M15X1.0-6H	1.06	26.9	.820	20.8	1.075	27.3	.966	24.5	1.225	31.1	03
13 (C)	M18X1.0-6H	1.17	29.7	.844	21.4	1.097	27.9	1.026	26.1	1.285	32.6	04
15 (D)	M22X1.0-6H	1.29	32.7	.861	21.9	1.125	28.6	1.076	27.3	1.345	34.2	05
17 (E)	M25X1.0-6H	1.42	36.1	.888	22.6	1.145	29.1	1.136	28.9	1.405	35.7	06
19 (F)	M28X1.0-6H	1.54	39.1	.904	23.0	1.165	29.6	1.176	29.9	1.455	37.0	06
21 (G)	M31X1.0-6H	1.67	42.4	.929	23.6	1.195	30.4	1.236	31.4	1.525	38.7	07
23 (H)	M34X1.0-6H	2.01	51.1	.956	24.3	1.215	30.9	1.296	32.9	1.575	40.0	08
25 (J)	M37X1.0-6H	2.12	53.8	.979	24.9	1.245	31.6	1.356	34.4	1.645	41.8	09



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

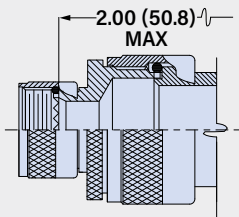
31H*039 Shrink Boot Adapter, Braid Trap, Self-Locking

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

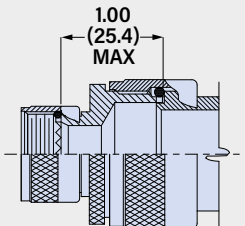
Shell Size	Max Entry Size	Shell Size	Max Entry Size
09	02	19	06
11	03	21	07
13	04	23	08
15	05	25	09
17	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds ½ inch to the length.

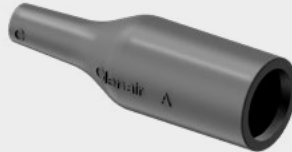
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.00 inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

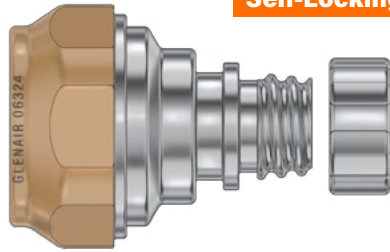


Entry Size	Shrink Boot P/N
02	770-003S112
03	770-003S103
04	770-003S103
05	770-003S104
06	770-003S104
07	770-003S105
08	770-003S106
09	770-003S107

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

311H*019 Shrink Boot Adapter, Braid Trap, Composite



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

BRAID TRAP

TAPERED
CANDELABRA
THREAD

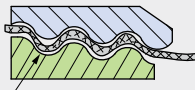


TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes	K Entry Dia. ±.030 (0.8)		L ±.06 (1.5)	
		in	mm	in	mm
02	09-25	.250	6.4	.52	13.2
03	11-25	.375	9.5	.64	16.3
04	13-25	.500	12.7	.77	19.6
05	15-25	.625	15.9	.92	23.4
06	17-25	.750	19.1	1.02	25.9
07	19-25	.875	22.2	1.14	29.0
08	21-25	1.000	25.4	1.27	32.3
09	23-25	1.125	28.6	1.43	36.3
10	25	1.250	31.8	1.52	38.6

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

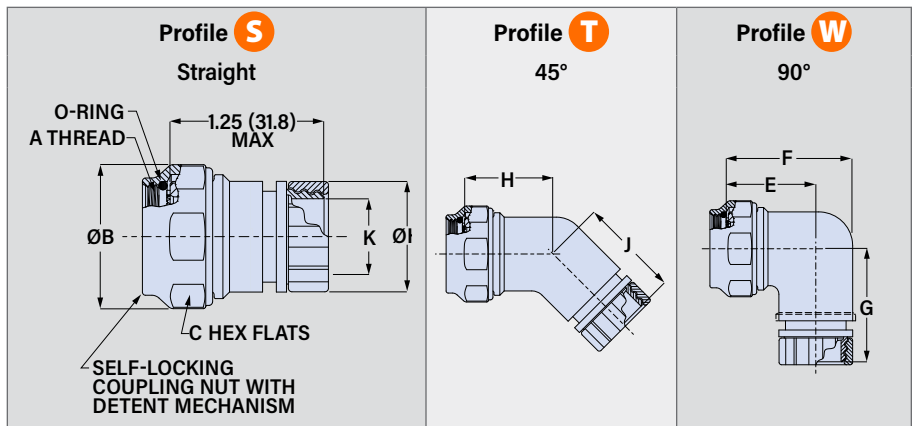


Entry Size	Shrink Boot P/N
02	770-003S112
03	770-003S103
04	770-003S103
05	770-003S104
06	770-003S104
07	770-003S105
08	770-003S106
09	770-003S107
10	770-003S107

Corrosion-proof composite material. 311H*019 composite shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic, silicone O-ring.

PART NUMBER

	311HS019	XM	21	06	T					
Base P/N	Base Part No.	Profile								
	311HS019	S Straight								
	311HT019	T 45°								
	311HW019	W 90°								
Finish	XM	Electroless Nickel	Coupling nut is natural amber color, unplated							
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XZR	Black Zinc-Nickel								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	A	B	C	D	E	F	G	H	J
Entry Size	See Table 1									
Shrink Boot	Omit if not required									
	T	Shrink Boot included								



Shell Size	A Thread	ø B Max	C Hex Flats	±.06(1.5)	±.09(2.3)	±.09(2.3)	±.06(1.5)	±.09(2.3)	Entry Size							
		in	mm	in	mm	in	mm	in	mm							
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.19	30.2	.72	18.3	1.00	25.4	02
11 (B)	M15X1.0-6H	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.25	31.8	.75	19.1	1.06	26.9	03
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.31	33.3	.75	19.1	1.13	28.7	04
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	.76	19.3	1.16	29.5	05
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	.78	19.8	1.18	30.0	06
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	.79	20.1	1.19	30.2	07
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	.82	20.8	1.22	31.0	08
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	.86	21.8	1.26	32.0	09
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	.89	22.6	1.29	32.8	10

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

319H*001 Shrink Boot Adapter, Braid Sock



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

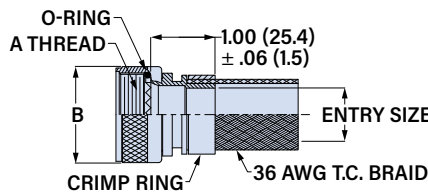
PROFILE SELECTION GUIDE

S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°

Braid Sock. 319H*001 shrink boot adapter with braid sock fits MIL-DTL-38999 Series III and IV connectors. Adapter has braid attached with crimp ring. install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel. Tin-plated copper crimp ring. Braid is 36 AWG tinned copper per A-A-59569.

PART NUMBER

319HS001	NF	11	04	-6	T					
Base P/N	Base Part No.	Profile								
	319HS001	S Straight								
	319HA001	A 90° Elbow								
	319HB001	B 45° Elbow								
	319HC001	C 90° Low Prof.								
	319HD001	D 90° Split								
	319HF001	F 45° Split								
	319HH001	H 45° Cut/Weld								
	319HJ001	J 90° Cut/Weld								
Material/Finish	M Alum/ Electroless Nickel									
	MT Alum/ Nickel-PTFE									
	NF Alum/ Olive Drab Cadmium									
	ZR Alum/ Black Zinc-Nickel									
	TZ Alum/ Tin-Zinc									
	ZI SST/ Passivated (Profiles H, J, S only)									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
		A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	Size	Cable Entry	Shell	Size	Cable Entry	Shell				
		$\pm .015$ (0.4)	Sizes*		$\pm .015$ (0.4)	Sizes*				
	01	.188 (4.8)	09-25	10	.750 (19.1)	17-25				
	02	.250 (6.4)	09-25	11	.812 (20.6)	19-25				
	03	.312 (7.9)	11-25	12	.875 (22.2)	19-25				
	04	.375 (9.5)	11-25	13	.938 (23.8)	21-25				
	05	.438 (11.1)	13-25	14	1.000 (25.4)	21-25				
	06	.500 (12.7)	13-25	22	1.062 (27.0)	23-25				
	07	.562 (14.3)	15-25	19	1.125 (28.6)	23-25				
	08	.625 (15.9)	15-25	23	1.188 (30.2)	25				
	09	.688 (17.5)	17-25	15	1.250 (31.8)	25				
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. Δ Profile \odot entry size cannot exceed shell size range listed in table.										
Braid Length	Braid length in 1 inch increments, 4 inch minimum									
Shrink Boot	Omit if not required T Shrink Boot included									

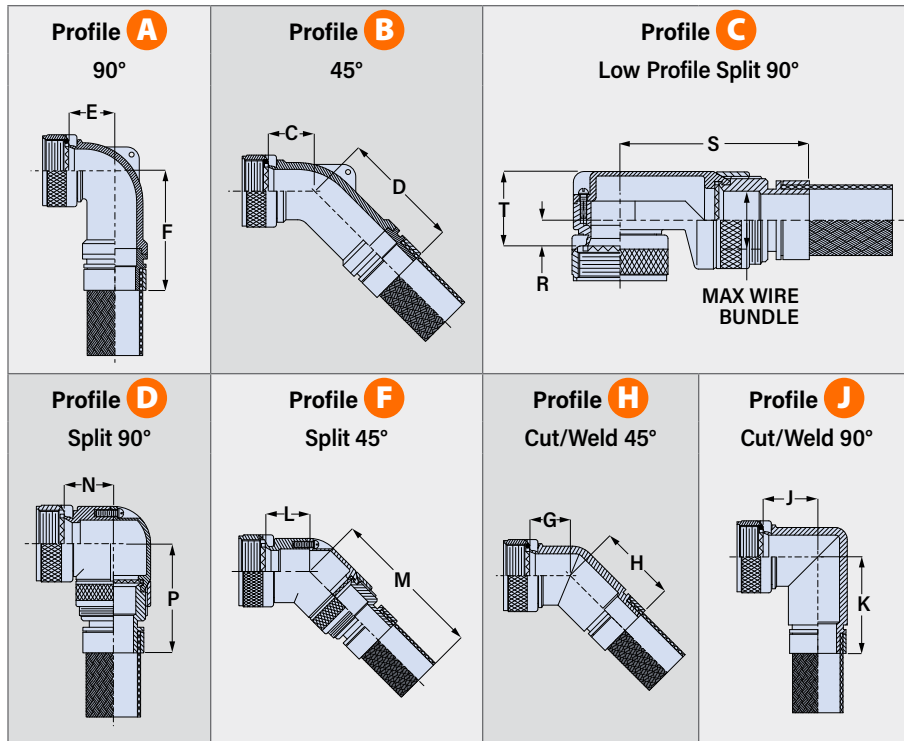


Shell Size	A Thread	øB Max in	Max Entry Size
9 (A)	M12X1.0-6H	.770	02
11 (B)	M15X1.0-6H	.840	04
13 (C)	M18X1.0-6H	.960	06
15 (D)	M22X1.0-6H	1.090	08
17 (E)	M25X1.0-6H	1.230	10
19 (F)	M28X1.0-6H	1.360	12
21 (G)	M31X1.0-6H	1.480	14
23 (H)	M34X1.0-6H	1.600	19
25 (J)	M37X1.0-6H	1.720	15

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

319H*001 Shrink Boot Adapter, Braid Sock



SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Entry Size	Shrink Boot P/N
01-02	770-003S111
03-05	770-001S103
06-08	770-001S104
09-11	770-001S105
12-14	770-001S106
15	770-001S107
16-17	770-001S108
18	770-001S109
19-20	770-001S107
21	770-001S108
22	770-001S106
23	770-001S107

Shell Size	C Max		D Max		E Max		F Max		G Max		H Max		J Max		K Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.457	11.6	1.71	43.4	.500	12.7	1.730	43.9	.830	21.1	1.045	26.5	.940	23.9	1.188	29.3
11 (B)	.520	13.2	1.77	45.0	.595	15.1	1.850	47.0	.860	21.8	1.075	27.3	1.010	25.7	1.225	31.1
13 (C)	.582	14.8	1.83	46.5	.610	15.5	1.870	47.5	.882	22.4	1.097	27.9	1.070	27.2	1.285	32.6
15 (D)	.645	16.4	1.92	48.8	.700	17.8	1.940	49.3	.900	22.9	1.125	28.6	1.130	28.7	1.345	34.2
17 (E)	.738	18.7	2.03	51.6	.885	22.5	2.030	51.6	.930	23.6	1.145	29.1	1.190	30.2	1.405	35.7
19 (F)	.926	23.5	2.22	56.4	.975	24.8	2.200	55.9	.950	24.1	1.165	29.6	1.240	31.5	1.455	37.0
21 (G)	.926	23.5	2.22	56.4	.975	24.8	2.200	55.9	.980	24.9	1.195	30.4	1.310	33.3	1.525	38.7
23 (H)	1.020	25.9	2.37	60.2	1.125	28.6	2.310	58.7	1.000	25.4	1.215	30.9	1.360	34.5	1.575	40.0
25 (J)	1.020	25.9	2.37	60.2	1.125	28.6	2.310	58.7	1.030	26.2	1.245	31.6	1.430	36.3	1.645	41.8

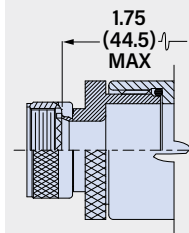
Shell Size	L Max		M Max		N Max		P Max		R Ref	S Max		T Max		Max Wire Bundle		
	in	mm	in	mm	in	mm	in	mm		in	mm	in	mm			
9 (A)	.440	11.2	1.500	38.1	.680	17.3	1.440	36.6	.340	8.6	1.780	45.2	.681	17.3	250	6.4
11 (B)	.500	12.7	1.560	39.6	.750	19.1	1.500	38.1	.270	6.9	1.940	49.3	.731	18.6	375	9.5
13 (C)	.560	14.2	1.630	41.4	.810	20.6	1.570	39.9	.270	6.9	1.940	49.3	.731	18.6	375	9.5
15 (D)	.620	15.7	1.660	42.2	.870	22.1	1.600	40.6	.280	7.1	2.010	51.1	.831	21.1	500	12.7
17 (E)	.680	17.3	1.760	44.7	.930	23.6	1.700	43.2	.420	10.7	2.060	52.3	.981	24.9	625	15.9
19 (F)	.750	19.1	1.820	46.2	1.000	25.4	1.760	44.7	.640	16.3	2.090	53.1	1.181	30.0	625	15.9
21 (G)	.820	20.8	1.880	47.8	1.060	26.9	1.820	46.2	.640	16.3	2.090	53.1	1.181	30.0	625	15.9
23 (H)	.880	22.4	1.940	49.3	1.120	28.4	1.880	47.8	.540	13.7	2.240	56.9	1.181	30.0	750	19.1
25 (J)	.940	23.9	2.000	50.8	1.180	30.3	1.940	49.3	.540	13.7	2.240	56.9	1.181	30.0	750	19.1

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a *Style 2* backshell.

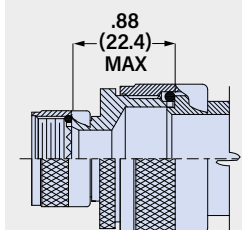
Shell Size	Max Entry Size	Shell Size	Max Entry Size
09	02	19	12
11	04	21	14
13	06	23	19
15	08	25	15
17	10		

Style 2 Straight Backshell



For Style 2 straight backshells, the front adapter adds 1/2 inch to the length.

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inch.

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

319H*044 Shrink Boot Adapter, Braid Sock, Self-Locking

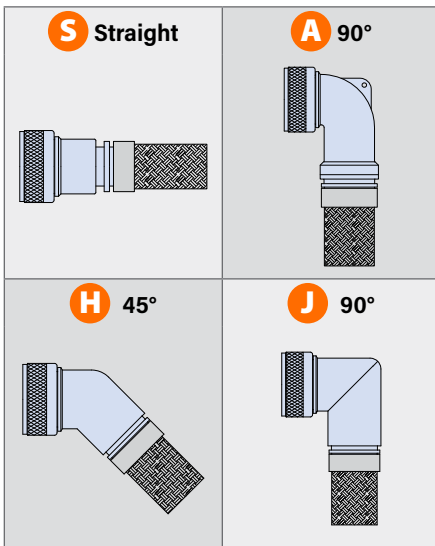
Self-Locking



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE



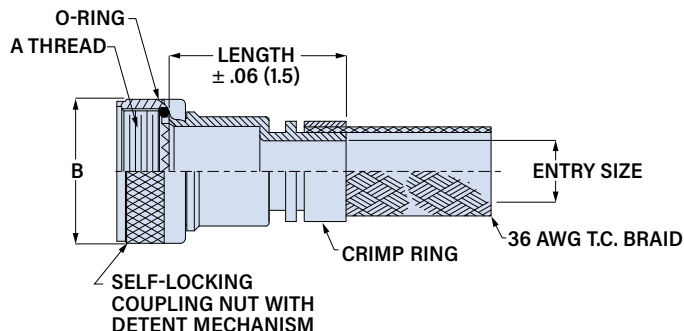
Shell Size	A Thread	ø B Max in	Max Entry Size*
9 (A)	M12X1.0-6H	.94 24.8	02
11 (B)	M15X1.0-6H	1.06 26.9	04
13 (C)	M18X1.0-6H	1.17 29.7	06
15 (D)	M22X1.0-6H	1.29 32.7	08
17 (E)	M25X1.0-6H	1.42 36.1	10
19 (F)	M28X1.0-6H	1.54 39.1	11
21 (G)	M31X1.0-6H	1.67 42.4	13
23 (H)	M34X1.0-6H	2.01 51.1	14
25 (J)	M37X1.0-6H	2.12 53.8	14

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See **Maximum Entry Size** on next page.

Braid Sock. 319H*044 shrink boot adapter with braid sock fits MIL-DTL-38999 Series III and IV connectors. Adapter has braid attached with crimp ring. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring. Tin-plated copper crimp ring. Braid is 36 AWG tinned copper per A-A-59569.

PART NUMBER

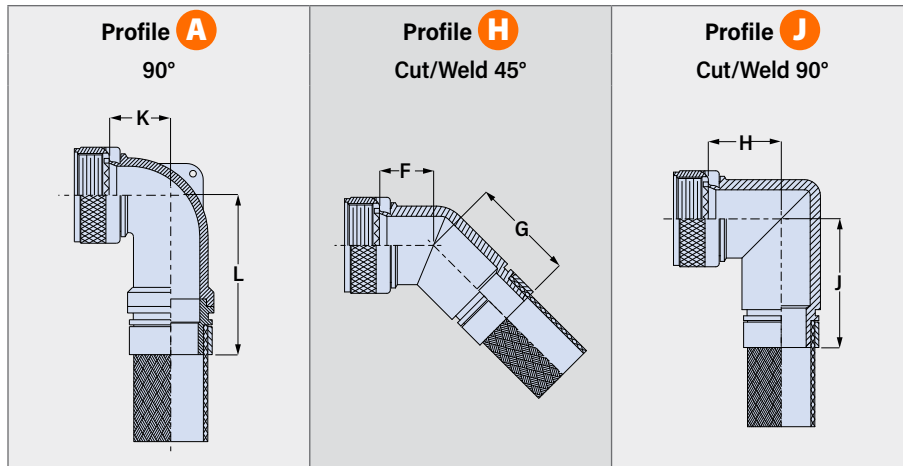
		319HS044	M	17	08	-6	-4	T		
Base P/N	Base Part No.	Profile								
	319HS044	S Straight								
	319HA044	A 90° Elbow								
	319HH044	H 45° Cut/Weld								
	319HJ044	J 90° Cut/Weld								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated (Profiles H, J, S only)								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	Cable Entry Size	Shell Size	Cable Entry Size*		Cable Entry Size		Shell Size		Cable Entry Size*	
	01	.188 (4.8)	09-25	09	.688 (17.5)	17-25	10	.750 (19.1)	17-25	
	02	.250 (6.4)	09-25	11	.812 (20.6)	19-25	12	.875 (22.2)	21-25	
	03	.312 (7.9)	11-25	13	.938 (23.8)	21-25	14	1.000 (25.4)	23-25	
	04	.375 (9.5)	11-25	15	1.250 (31.8)	-	16	1.500 (38.1)	-	
	05	.438 (11.1)	13-25							
	06	.500 (12.7)	13-25							
	07	.562 (14.3)	15-25							
	08	.625 (15.9)	15-25							
	* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size .									
Braid Length	Braid length in one inch increments, 6 inch minimum.									
Length	3	1.5 inches	Applies to Profile S only.							
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.							
	5	2.5 inches								
Shrink Boot	Omit if not required									
	T	Shrink Boot included								



Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

319H*044 Shrink Boot Adapter, Braid Sock, Self-Locking



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.986	25.0	1.045	26.5	1.096	27.8	1.155	29.3	.655	16.6	1.88	47.8
11 (B)	1.016	25.8	1.075	27.3	1.166	29.6	1.225	31.1	.750	19.1	2.00	50.8
13 (C)	1.038	26.4	1.097	27.9	1.226	31.1	1.285	32.6	.765	19.4	2.02	51.3
15 (D)	1.056	26.8	1.125	28.6	1.286	32.7	1.345	34.2	.855	21.7	2.09	53.1
17 (E)	1.066	27.1	1.145	29.1	1.346	34.2	1.405	35.7	1.040	26.4	2.18	55.4
19 (F)	1.106	28.1	1.165	29.6	1.396	35.5	1.455	37.0	1.130	28.7	2.35	59.7
21 (G)	1.136	28.9	1.195	30.4	1.466	37.2	1.525	38.7	1.130	28.7	2.35	59.7
23 (H)	1.156	29.4	1.215	30.9	1.516	38.5	1.575	40.0	1.280	32.5	2.46	62.5
25 (J)	1.186	30.1	1.245	31.6	1.586	40.3	1.645	41.8	1.280	32.5	2.46	62.5

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



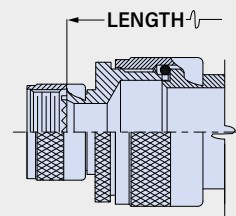
Entry Size	Shrink Boot P/N
01-02	770-003S111
03-05	770-001S103
06-08	770-001S104
09-11	770-001S105
12-14	770-001S106
15	770-001S107
16	770-001S108

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

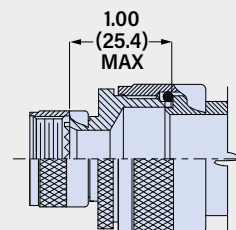
Shell Size	Max Entry Size
9 (A)	02
11 (B)	04
13 (C)	06
15 (D)	08
17 (E)	10
19 (F)	11
21 (G)	13
23 (H)	14
25 (J)	14

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.00 inch.

Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

319HS155 Shrink Boot Adapter, Braid Sock, Composite

Self-Locking



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

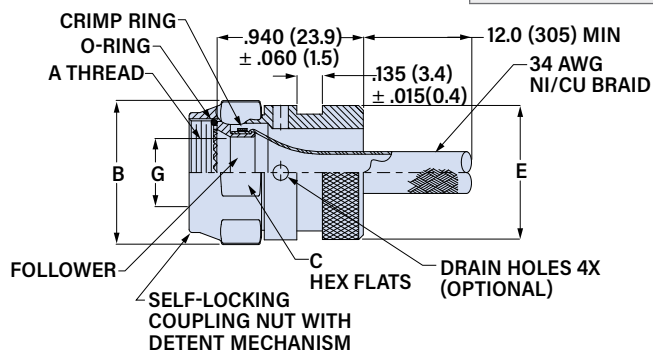
MATERIAL AND FINISH

- Coupling nut, adapter, split ring: high performance thermoplastic
- EMI adapter: brass, electroless nickel plating
- Anti-decoupling spring: high performance thermoplastic
- O-ring: silicone
- Crimp ring: copper alloy, tin plated
- Braid:
 - 34 AWG nickel-coated copper (standard)
 - Code T: 34 AWG tin-coated copper,
 - Code A: AmberStrand® ultralightweight nickel-coated polymer
 - Code L: ArmorLite® lightweight microfilament nickel-coated 316L SST

Low profile, corrosion-proof, shielded. 319H*155 shrink boot adapter with braid sock fits MIL-DTL-38999 Series III and IV connectors. Adapter has 12 inches of shield braid attached to nickel-plated brass follower. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic. Tin-plated copper crimp ring, nickel-plated brass follower, silicone O-ring.

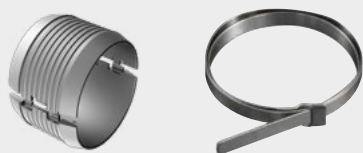
PART NUMBER

	319HS155	XB	17	L-	D	T	R	14		
Base P/N	319HS155									
Finish	XB No Finish, Black Color									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Braid Type	<i>Omit for 34 AWG nickel-coated copper</i>									
	T-	34 AWG Tin/Copper								
	A-	AmberStrand® Nickel/Composite								
	L-	ArmorLite® Nickel/SST								
Drain Holes	<i>Omit if not required</i>									
	D	Drain Holes								
Shrink Boot	<i>Omit if not required</i>									
	T	Shrink Boot included								
Split Ring and Band	<i>Omit if not required</i>									
	R	Split Ring and Band included With Backshell								
Braid Length	<i>Omit for standard 12 inch length</i>									
	14	Braid Length in inches, 4 inch minimum								

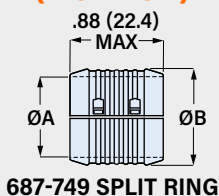


Shell Size	A Thread	Ø B Max	C Hex Flats	E Max	Ø G ±.015 (0.4)
		in mm	in mm	in mm	in mm
9 (A)	M12X1.0-6H	.86 21.8	.750 19.1	.533 13.5	.265 6.7
11 (B)	M15X1.0-6H	.98 24.9	.875 22.2	.605 15.4	.370 9.4
13 (C)	M18X1.0-6H	1.16 29.5	1.000 25.4	.774 19.7	.506 12.9
15 (D)	M22X1.0-6H	1.28 32.5	1.125 28.6	.838 21.3	.580 14.7
17 (E)	M25X1.0-6H	1.41 35.8	1.250 31.8	.963 24.5	.705 17.9
19 (F)	M28X1.0-6H	1.52 38.6	1.375 34.9	1.042 26.5	.784 19.9
21 (G)	M31X1.0-6H	1.64 41.7	1.500 38.1	1.217 30.9	.907 23.0
23 (H)	M34X1.0-6H	1.77 45.0	1.625 41.3	1.355 34.4	1.034 26.3
25 (J)	M37X1.0-6H	1.89 48.0	1.750 44.5	1.443 36.7	1.140 28.9

SUPPORT RING AND PRE-COILED BAND (R OPTION)



Optional split support ring provides a reliable, low resistance method of splicing braid. Snap split ring over wire bundle, then overlap adapter braid and cable braid. Install band around split ring and braid using Band-Master ATS standard banding tool.



Shell Size	Support Ring Part Number	±.030 (0.8) in mm	±.030 (0.8) in mm
08	687-749XB04	.25 6.4	.40 10.2
10	687-749XB06	.38 9.7	.53 13.5
12	687-749XB08	.50 12.7	.65 16.5
14	687-749XB10	.63 16.0	.78 19.8
16	687-749XB12	.75 19.1	.90 22.9
18	687-749XB14	.88 22.4	1.03 26.2
20	687-749XB16	1.00 25.4	1.15 29.2
22	687-749XB18	1.13 28.7	1.28 32.5
24	687-749XB20	1.25 31.8	1.40 35.6

Shell Size	Band Part Number	Tool Part Number
8-24	601-041	601-100

Series 31 Shrink Boot Adapters

for Series 80 Mighty Mouse Connectors

310MS034 Shrink Boot Adapter, Direct Coupling



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.



Direct coupling. Low profile. 310MS034 shrink boot adapter fits Glenair Series 80 Mighty Mouse connectors. Adapter has groove for lipped shrink boot. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

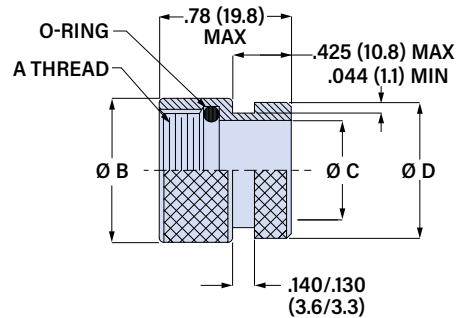
310MS034 NF 14 T

Base P/N **310MS034**

Material/Finish
M Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
ZI SST/ Passivated

Shell Size **05 06 07 08 09 10 11 12 13 14**
 See table

Shrink Boot *Omit if not required*
T Shrink Boot included



Shell Size Code	Shell Size Series		A Thread UNEF-2B	Ø B		Ø C		Ø D		Shrink Boot Part No.
	800, 801, 803, 804	Series 805		±.015 (0.4) in	mm	±.015 (0.4) in	mm	±.015 (0.4) in	mm	
05	5	N/A	0.250-32	.320	8.1	.188	4.8	.375	9.5	770-003S111
06	6	N/A	0.3125-32	.440	11.2	.250	6.4	.437	11.2	770-003S112
11	N/A	8	0.3750-32	.500	12.7	.280	7.1	.437	11.2	770-003S112
07	7	9	0.4375-28	.570	14.5	.312	7.9	.500	12.7	770-003S112
08	8	10	0.500-28	.625	15.9	.375	9.5	.562	14.3	770-003S112
09	9	11	0.5625-24	.690	17.5	.438	11.2	.625	15.9	770-001S104
10	10	12	0.625-24	.750	19.1	.500	12.7	.687	17.4	770-001S104
12	12, 13	N/A	0.6875-24	.820	20.8	.562	14.3	.750	19.1	770-001S104
13	N/A	15	0.750-20	.880	22.4	.625	15.9	.812	20.6	770-001S104
14	14, 15, 16, 17	18, 19	0.9375-20	1.070	27.2	.812	20.6	1.000	25.4	770-001S105

Series 31 Shrink Boot Adapters

for Series 80 Mighty Mouse Connectors

319MS001 Shrink Boot Adapter, Braid Sock



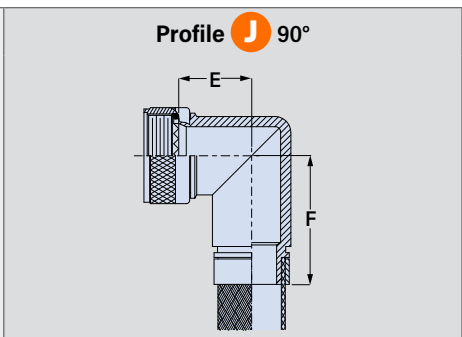
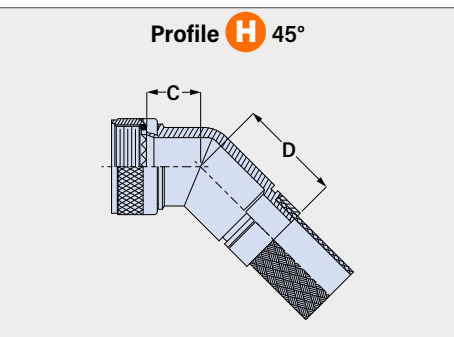
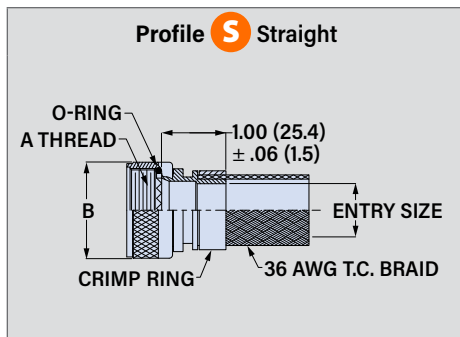
Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

Braid Sock. 319M*001 shrink boot adapter with braid sock fits Glenair Series 80 Mighty Mouse connectors. Adapter has braid attached with crimp ring, install optional lipped shrink boot for environmental protection. Supplied as adapter only or as kit with shrink boot. Aluminum or stainless steel. Tin-plated copper crimp ring. Braid is 36 AWG tinned copper per A-A-59569.

PART NUMBER

		319MS001	M	11	03	-6
Base P/N	Base Part No.	319MS001				
	Profile	S Straight				
		H 45°				
		J 90°				
Material/Finish	M	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/ Passivated (Profiles H, J, S only)				
Shell Size		05 06 07 08 09 10 11 12 13 14 16 17				
		See table				
Entry Size	Size	Cable Entry Size	Shell Size	Size	Cable Entry Size	Shell Size
		± .015 (0.4)			± .015 (0.4)	
	01	.188 (4.8)	05-17	08	.625 (15.9)	12-17
	02	.250 (6.4)	06-17	09	.688 (17.5)	14-17
	03	.312 (7.9)	07-17	10	.750 (19.1)	14-17
	04	.375 (9.5)	07-17	11	.812 (20.6)	14-17
	05	.438 (11.1)	08-17	12	.875 (22.2)	14-17
	06	.500 (12.7)	09-17	13	.938 (23.8)	16-17
07	.562 (14.3)	10-17	14	1.000 (25.4)	17	
Braid Length	Braid length in 1 inch increments, 6 inch minimum					



Shell Size Code	Shell Size		A Thread UNEF-2B	øB Max		C Max		D Max		E Max		F Max		Max Entry Size
	Series 800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	
05	5	N/A	0.250-32	.470	11.9	.640	16.3	.870	22.1	.820	20.8	1.000	25.4	01
06	6	N/A	0.3125-32	.530	13.5	.650	16.5	.880	22.4	.840	21.3	1.000	25.4	02
11	N/A	8	0.3750-32	.570	14.5	.660	16.8	.890	22.6	.860	21.8	1.020	25.9	02
07	7	9	0.4375-28	.637	16.2	.670	17.0	.900	22.9	.870	22.1	1.040	26.4	04
08	8	10	0.500-28	.700	17.8	.680	17.3	.910	23.1	.900	22.9	1.060	26.9	05
09	9	11	0.5625-24	.758	19.3	.690	17.5	.920	23.4	.930	23.6	1.080	27.4	06
10	10	12	0.625-24	.819	20.8	.710	18.0	.940	23.9	.980	24.9	1.120	28.4	07
12	11, 12, 13	13	0.6875-24	.896	22.8	.740	18.8	.960	24.4	1.030	26.2	1.180	30.0	08
13	N/A	15	0.750-20	.930	23.6	.760	19.3	.980	24.9	1.090	27.7	1.240	31.5	08
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	.790	20.1	1.010	25.7	1.160	29.5	1.300	33.0	12
16	19	21	1.0625-18	1.250	31.8	.820	20.8	1.030	26.2	1.250	31.8	1.360	34.5	13
17	21	23	1.1875-18	1.387	35.2	.850	21.6	1.070	27.2	1.320	33.5	1.410	35.8	14

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY

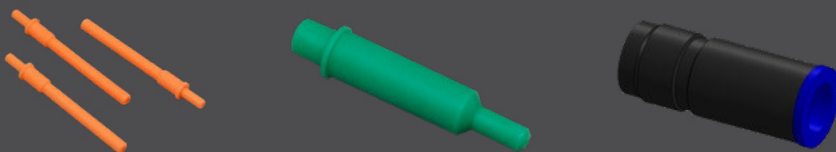
Weight / Cost-Saving Dummy Contact Sealing Plugs (DCSP)



For reliable sealing of unused contact cavities—without the use of electrical contacts

The use of color-coded M27488 type plastic sealing plugs in unused contact cavities is a requirement in all environmental interconnect applications. Conventional sealing plugs, combined with the connector grommet seal, provide reliable dust and moisture ingress protection. But common contact sealing plugs still require that a properly-sized electrical contact be first inserted into the cavity, followed by the plastic plug. Glenair innovative Dummy Contact Sealing Plugs (DCSP) eliminate the need to use expensive electrical contacts as part of the sealing regimen. Fast and easy-to-install, longer form-factor DCSPs are a one-piece solution to contact cavity sealing that results in significant weight reduction, material cost reduction, and assembly labor. Available in Size #22 to Size #8, for connector series D38999, EN4165, Series 800 Mighty Mouse, EN4644 and ARINC 600, Glenair Dummy Contact Sealing Plugs reduce weight as much as 90% compared to conventional contact/sealing plug configurations.

- Powerful tool in Electrical Wire Interconnect System weight reduction
- Eliminates use of expensive electrical contacts for sealing-only applications
- Leverages connector contact clip for secure retention of the sealing plug—no FOD
- Easy-to-install single piece design
- Visible quality control / confirmation of cavity fill from back of connector
- EWIS compliant test report GT 15-106 available



Series 32 Extender Backshells

Selection Guide

Series 32 Extender Backshells

Series 32 Extender Backshells fit standard mil spec circular electrical connectors. Extenders provide extra room for wiring. The back end of the extender is identical to the back end of the connector. Attach cable clamp or backshell to extender.

1 *Extender Backshells with Expanded Clearance* have larger inside dimensions for connectors with #8 twinax, quadrax and octaxial contacts with sealing boots.

Adapter Code

A

AS50151 crimp
AS95234
MIL-DTL-26482 Ser. II
MIL-DTL-83723 Ser. III



Extender Backshell,
Spin Coupling
320A*001
Page 32-2



Extender Backshell,
Direct Coupling
320AS002
Page 32-3



Extender Backshell,
Self-Locking
320A*006
Page 32-4



Extender Backshell,
Composite
327A*060
Page 32-5

Adapter Code

B

AS50151 Solder



Extender Backshell,
Direct Coupling
320BS002
Page 32-6

Adapter Code

D

MIL-DTL-26482
Series I



Extender Backshell,
Direct Coupling
320DS002
Page 32-7

Adapter Code

F

MIL-DTL-38999
Series I and II



Extender Backshell,
Spin Coupling
320F*001
Page 32-8



Extender Backshell,
Direct Coupling
320FS002
Page 32-9



Extender Backshell,
Self-Locking
320F*006
Page 32-10



Extender Backshell,
Composite
327F*060
Page 32-11

Adapter Code

G

MIL-DTL-28840



Extender Backshell,
Spin Coupling
320G*001
Page 32-18

Adapter Code

H

MIL-DTL-38999
Series III and IV



Extender Backshell,
Spin Coupling
320H*001
Page 32-8



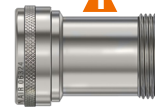
Extender Backshell,
Direct Coupling
320HS002
Page 32-9



Extender Backshell,
Self-Locking
320H*006
Page 32-10



Extender Backshell,
Composite
327H*060
Page 32-11



Extender Backshell,
Expanded Clearance
320H*030
Page 32-16

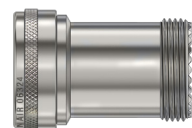


Extender Backshell,
Composite,
Expanded Clearance
320HS031
Page 32-17

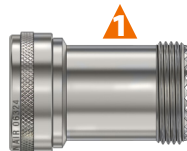
Adapter Code

M

Series 80
Mighty Mouse



Extender Backshell,
Spin Coupling
320M*001
Page 32-19

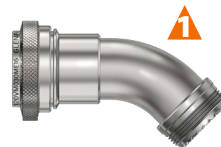


Extender Backshell,
Self-Locking, Expanded
Clearance
320M*030
Page 32-20

Adapter Code

V

Series 806
Mil-Aero

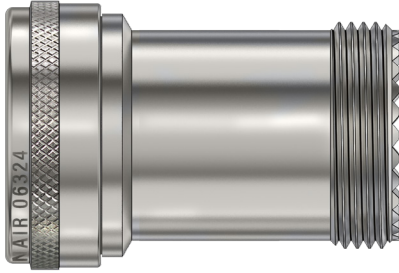


Extender Backshell,
Self-Locking, Expanded
Clearance
320V*030
Page 32-21

Series 32 Extender Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

320A*001 Extender Backshell, Spin Coupling



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

Spin coupling. 320A*001 extender backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

PART NUMBER

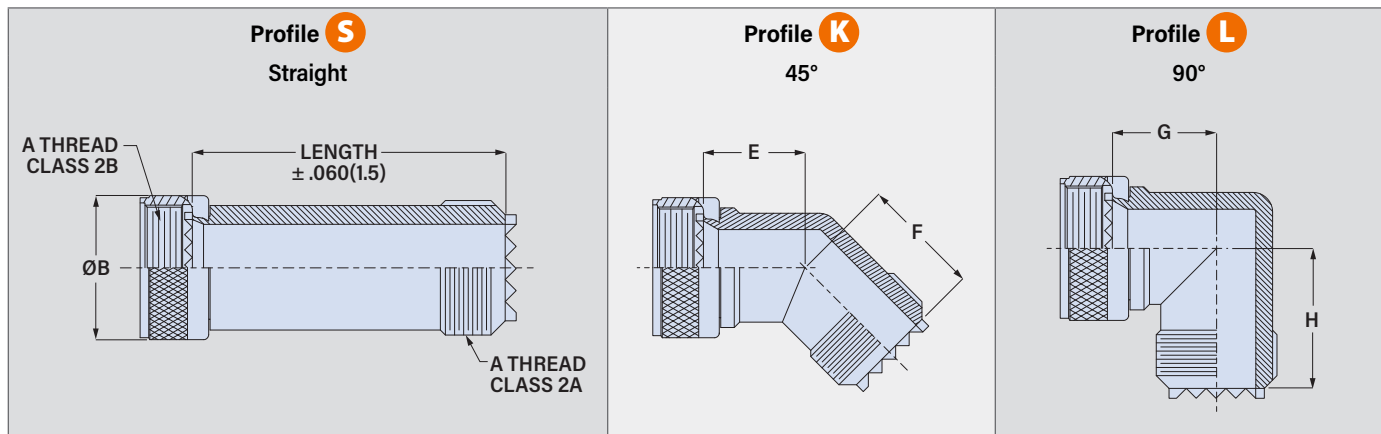
320AS001 M 16 -3

Base P/N	Base Part No.	Profile
	320AS001	S Straight
	320AK001	K 45°
	320AL001	L 90°

Material/Finish	Material/Finish
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated

Shell Size	Shell Size
08 10 12 14 16 18 20 22 24 28 32 36 40	

Length	Length	Notes
-3	1.5 inches	<i>Applies to Profile S only. Length in ½ inch increments, 1.5 inch minimum.</i>
-4	2.0 inches	
-5	2.5 inches	
-6	3.0 inches	



Shell Size	A Thread	ø B Max.		E Max.		F Max.		G Max.		H Max.	
		in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.65	16.5	.830	21.1	.890	22.6	.940	23.9	1.000	25.4
10	0.625-24 UNEF	.77	19.6	.860	21.8	.920	23.4	1.010	25.7	1.070	27.2
12	0.750-20 UNEF	.94	23.9	.882	22.4	.942	23.9	1.070	27.2	1.130	28.7
14	0.875-20 UNEF	1.07	27.2	.900	22.9	.970	24.6	1.130	28.7	1.190	30.2
16	1.000-20 UNEF	1.21	30.7	.930	23.6	.990	25.1	1.190	30.2	1.250	31.8
18	1.0625-18 UNEF	1.23	31.2	.950	24.1	1.010	25.7	1.240	31.5	1.300	33.0
20	1.1875-18 UNEF	1.36	34.5	.980	24.9	1.040	26.4	1.310	33.3	1.370	34.8
22	1.3125-18 UNEF	1.48	37.6	1.000	25.4	1.060	26.9	1.360	34.5	1.420	36.1
24	1.4375-18 UNEF	1.73	43.9	1.030	26.2	1.090	27.7	1.540	39.1	1.490	37.8
28	1.750-18 UNS	1.97	50.0	1.480	37.6	1.140	29.0	1.670	42.4	1.600	40.6
32	2.000-18 UNS	2.22	56.4	1.610	40.9	1.180	30.0	1.780	45.2	1.690	42.9
36	2.250-16 UN	2.47	62.7	1.720	43.7	1.230	31.2	1.890	48.0	1.800	45.7
40	2.500-16 UN	2.72	69.1	1.830	46.5	1.270	32.3	2.010	51.1	1.910	48.5

Series 32 Extender Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

320AS002 Extender Backshell, Direct Coupling



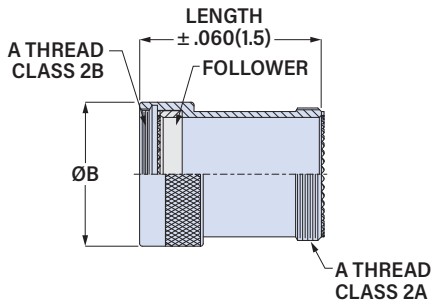
Direct coupling. Low profile. 320AS002 extender backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

Adapter Code A
 AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PART NUMBER

			320AS002	NF	16	-3
Base P/N	320AS002					
Material/Finish	M	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/ Passivated				
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40					
Length	-3	1.5 inches				
	-4	2.0 inches				
	-5	2.5 inches				
	-6	3.0 inches				

Length in 1/2 inch increments, 1.5 inch minimum.



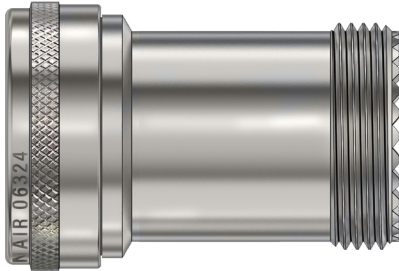
Shell Size	A Thread	ø B Max.	
		in	mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.97	24.6
14	0.875-20 UNEF	1.09	27.7
16	1.000-20 UNEF	1.22	31.0
18	1.0625-18 UNEF	1.22	31.0
20	1.1875-18 UNEF	1.34	34.0
22	1.3125-18 UNEF	1.47	37.3
24	1.4375-18 UNEF	1.59	40.4
28	1.750-18 UNS	1.97	50.0
32	2.000-18 UNS	2.28	57.9
36	2.250-16 UN	2.53	64.3
40	2.500-16 UN	2.78	70.6

Series 32 Extender Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

320A*006 Extender Backshell, Self-Locking

Self-Locking



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

Self-locking. 320A*006 extender backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or stainless steel.

PART NUMBER

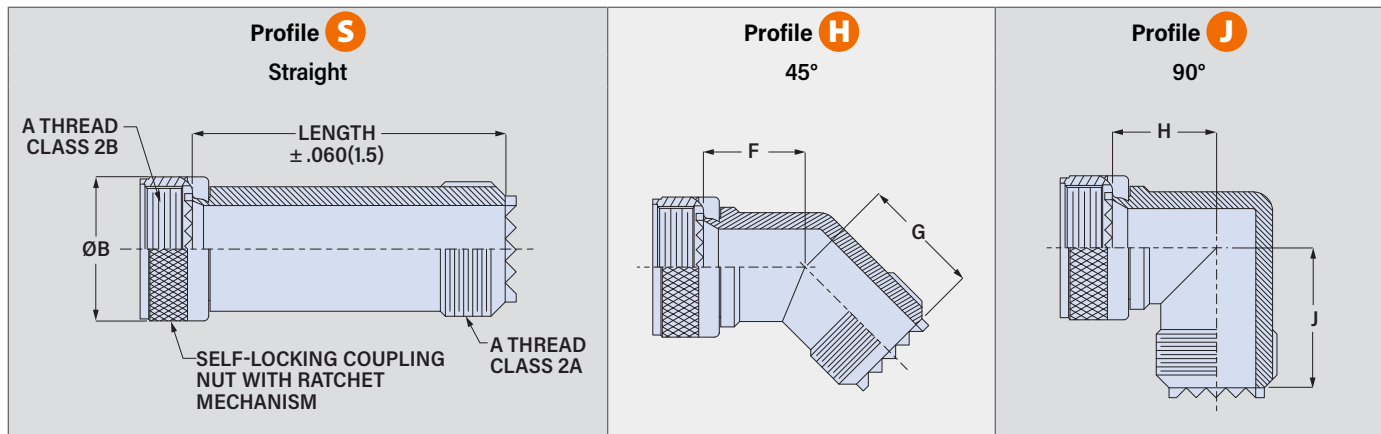
320AS006 M 16 -3

Base P/N	Base Part No.	Profile
	320AS006	S Straight
	320AH006	H 45°
	320AJ006	J 90°

Material/Finish	Material/Finish
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated

Shell Size **08 10 12 14 16 18 20 22 24 28 32 36 40**

Length	Length	Notes
-3	1.5 inches	Applies to Profile S only. Length in 1/2 inch increments, 1.5 inch minimum.
-4	2.0 inches	
-5	2.5 inches	
-6	3.0 inches	



Shell Size	A Thread	ø B Max.		F Max.		G Max.		H Max.		J Max.	
		in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.69	17.5	.986	25.0	.890	22.6	1.096	27.8	1.000	25.4
10	0.625-24 UNEF	.82	20.8	1.016	25.8	.920	23.4	1.166	29.6	1.070	27.2
12	0.750-20 UNEF	.94	23.9	1.038	26.4	.942	23.9	1.226	31.1	1.130	28.7
14	0.875-20 UNEF	1.06	26.9	1.056	26.8	.970	24.6	1.286	32.7	1.190	30.2
16	1.000-20 UNEF	1.17	29.7	1.086	27.6	.990	25.1	1.346	34.2	1.250	31.8
18	1.0625-18 UNEF	1.46	37.1	1.106	28.1	1.010	25.7	1.396	35.5	1.300	33.0
20	1.1875-18 UNEF	1.60	40.6	1.136	28.9	1.040	26.4	1.466	37.2	1.370	34.8
22	1.3125-18 UNEF	1.70	43.2	1.156	29.4	1.060	26.9	1.516	38.5	1.420	36.1
24	1.4375-18 UNEF	1.84	46.7	1.186	30.1	1.090	27.7	1.696	43.1	1.490	37.8
28	1.750-18 UNS	2.01	51.1	1.636	41.6	1.140	29.0	1.826	46.4	1.600	40.6
32	2.000-18 UNS	2.26	57.4	1.766	44.9	1.180	30.0	1.936	49.2	1.690	42.9
36	2.250-16 UN	2.53	64.3	1.876	47.7	1.230	31.2	2.046	52.0	1.800	45.7
40	2.500-16 UN	3.04	77.2	1.986	50.4	1.270	32.3	2.166	55.0	1.910	48.5

Series 32 Extender Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

327A*060 Extender Backshell, Composite

Self-Locking



Adapter Code A

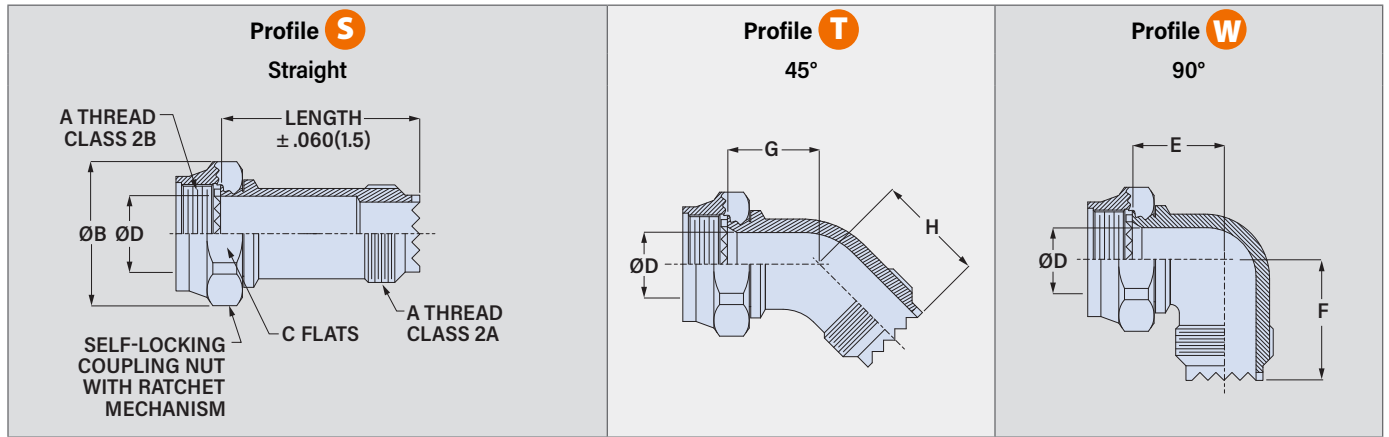
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

Corrosion-free composite. 327A*060 extender backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. High performance thermoplastic.

PART NUMBER

327AS060 XM 16 -6

Base P/N	Base Part No.	Profile	
	327AS060	S Straight	
	327AH060	T 45°	
	327AJ060	W 90°	
Adapter Finish	XB No Plating, Black Color	<i>Coupling nut is unplated</i>	
	XM Electroless Nickel		
	XO No Plating, Amber Color		
	XW Olive Drab Cadmium		
Shell Size	08 10 12 14 16 18 20 22 24		
Length	-6 .75 inch	<i>Applies to Profile S only.</i>	
	-8 1.0 inch		



Shell Size	A Thread	ØB Max in	ØB Max mm	C Hex Flats in	C Hex Flats mm	ØD Ref in	ØD Ref mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm
08	0.500-20 UNF	.86	21.8	.750	19.1	.250	6.4	.740	18.8	1.000	25.4	.780	19.8	.890	22.6
10	0.625-24 UNEF	.98	24.9	.875	22.2	.375	9.5	.800	20.3	1.060	26.9	.810	20.6	.920	23.4
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.500	12.7	.860	21.8	1.120	28.4	.810	20.6	.940	23.9
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.625	15.9	.930	23.6	1.190	30.2	.820	20.8	.970	24.6
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.750	19.1	.990	25.1	1.250	31.8	.840	21.3	.990	25.1
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.844	21.4	1.050	26.7	1.310	33.3	.850	21.6	1.000	25.4
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	.968	24.6	1.120	28.4	1.380	35.1	.880	22.4	1.030	26.2
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.094	27.8	1.180	30.0	1.440	36.6	.920	23.4	1.070	27.2
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.219	31.0	1.240	31.5	1.500	38.1	.970	24.6	1.080	27.4

Series 32 Extender Backshells

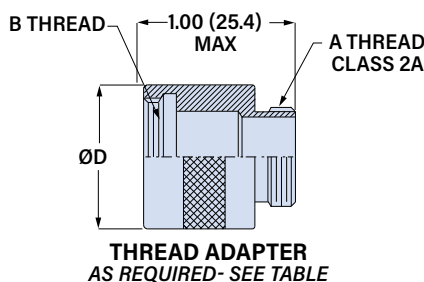
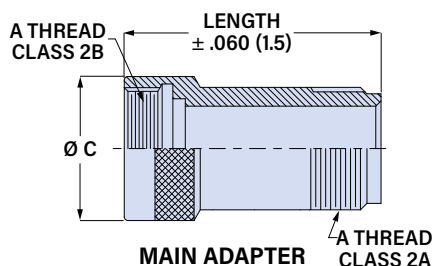
for AS50151 Solder Connectors

320BS002 Extender Backshell, Direct Coupling



Adapter Code B

Fits AS50151 Series 1 AN type solder Connectors . AS310*1, MS3100.



Direct coupling. 320BS002 extender fits AS50151 (MS3100) solder connectors. Includes universal thread adapters as required to assure compatibility with all connector manufacturers. Direct coupling, Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end.

PART NUMBER

Base P/N	320BS002	320BS002	NF	16	-3	A																															
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated																																				
Shell Size	<table border="1"> <tr><td>Code</td><td>Shell Size</td><td>Code</td><td>Shell Size</td></tr> <tr><td>05</td><td>10S</td><td>20</td><td>22</td></tr> <tr><td>08</td><td>10SL</td><td>21</td><td>24</td></tr> <tr><td>11</td><td>12, 12S</td><td>22</td><td>28</td></tr> <tr><td>14</td><td>14, 14S</td><td>23</td><td>32</td></tr> <tr><td>15</td><td>16, 16S</td><td>26</td><td>36</td></tr> <tr><td>16</td><td>18</td><td>31</td><td>40</td></tr> <tr><td>17</td><td>20</td><td></td><td></td></tr> </table>	Code	Shell Size	Code	Shell Size	05	10S	20	22	08	10SL	21	24	11	12, 12S	22	28	14	14, 14S	23	32	15	16, 16S	26	36	16	18	31	40	17	20						
Code	Shell Size	Code	Shell Size																																		
05	10S	20	22																																		
08	10SL	21	24																																		
11	12, 12S	22	28																																		
14	14, 14S	23	32																																		
15	16, 16S	26	36																																		
16	18	31	40																																		
17	20																																				
Length	-3 1.5 inches -4 2.0 inches -5 2.5 inches -6 3.0 inches	Length in ½ inch increments. 1.5 inch minimum.																																			
Connector Manufacturer Code	A Universal	Compatible with all manufacturers. Includes additional thread adapter(s) as necessary to fit multiple manufacturers.																																			

Shell Size Code	Shell Size	A THD. Main Adapter Class 2B	B THD. Thread Adapter Class 2B	øC Max in	øC Max mm	øD Max in	øD Max mm
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A
21	24	1.3750-18 UNEF	N/A	1.468	37.3	N/A	N/A
22	28	1.6250-18 UNEF	N/A	1.593	40.5	N/A	N/A
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4
26	36	2.1250-16 UN	2.0625-16 UNS 2.0625-20 UNEF 2.1250-18 UNS	2.375	60.3	2.312	58.7
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1



Series 32 Extender Backshells

for MIL-DTL-26482 Series I Connectors

320DS002 Extender Backshell, Direct Coupling



Adapter Code D

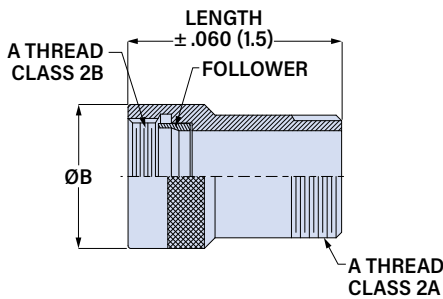
This accessory fits MIL-DTL-26482 Series I connectors

Direct coupling. 320DS002 extender backshell fits MIL-DTL-26482 Series I connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

PART NUMBER

320DS002 NF 16 -3

Base P/N	320DS002
Material/Finish	<ul style="list-style-type: none"> M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated
Shell Size	08 10 12 14 16 18 20 22 24
Length	<ul style="list-style-type: none"> -3 1.5 inches -4 2.0 inches -5 2.5 inches -6 3.0 inches <p><i>Length in 1/2 inch increments, 1.5 inch minimum.</i></p>

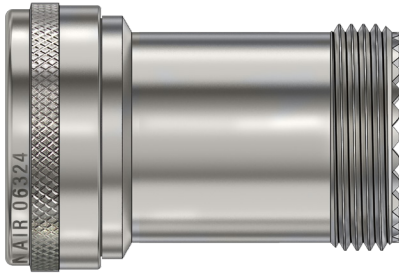


Shell Size	A Thread UNEF		øB Max.	
	in	mm	in	mm
08	0.4375-28		.59	15.0
10	0.5625-24		.72	18.3
12	0.6875-24		.84	21.3
14	0.8125-20		.97	24.6
16	0.9375-20		1.09	27.7
18	1.0625-18		1.22	31.0
20	1.1875-18		1.34	34.0
22	1.3125-18		1.47	37.3
24	1.4375-18		1.59	40.4

Series 32 Extender Backshells

for MIL-DTL-38999 Series I and II Connectors

320F*001 Extender Backshell, Spin Coupling



Adapter Code F

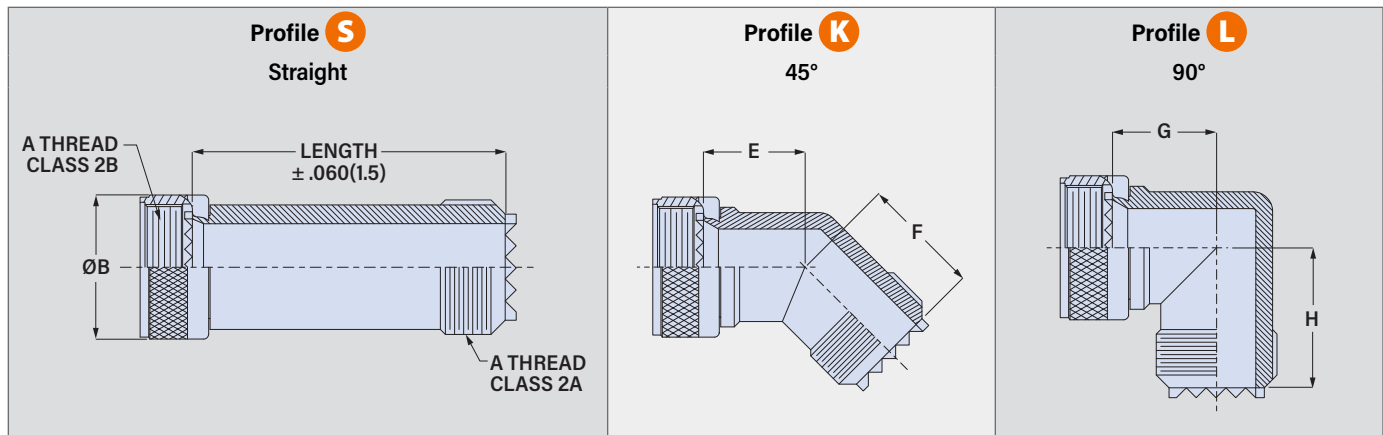
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

Spin coupling. 320F*001 extender backshell fits MIL-DTL-38999 Series I and II connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

PART NUMBER

320FS001 M 16 -3

Base P/N	Base Part No.	Profile								
	320FS001	S Straight								
	320FK001	K 45°								
	320FL001	L 90°								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Length	-2	1.0 inch								
	-3	1.5 inches								
	-4	2.0 inches								
	-5	2.5 inches								
	-6	3.0 inches								
		<i>Applies to Profile S only. Length in ½ inch increments, 1.5 inch minimum.</i>								



Shell Size	A Thread UNEF	øB Max in	mm	E Max. in	mm	F Max. in	mm	G Max. in	mm	H Max. in	mm
8/9	0.4375-28	.650	16.5	.830	21.1	.890	22.6	.940	23.9	1.000	25.4
10/11	0.5625-24	.770	19.6	.860	21.8	.920	23.4	1.010	25.7	1.070	27.2
12/13	0.6875-24	.890	22.6	.882	22.4	.942	23.9	1.070	27.2	1.130	28.7
14/15	0.8125-20	1.020	25.9	.900	22.9	.970	24.6	1.130	28.7	1.190	30.2
16/17	0.9375-20	1.150	29.2	.930	23.6	.990	25.1	1.190	30.2	1.250	31.8
18/19	1.0625-18	1.230	31.2	.950	24.1	1.010	25.7	1.240	31.5	1.300	33.0
20/21	1.1875-18	1.360	34.5	.980	24.9	1.040	26.4	1.310	33.3	1.370	34.8
22/23	1.3125-18	1.480	37.6	1.000	25.4	1.060	26.9	1.360	34.5	1.420	36.1
24/25	1.4375-18	1.730	43.9	1.030	26.2	1.090	27.7	1.540	39.1	1.490	37.8

Series 32 Extender Backshells

for MIL-DTL-38999 Series I and II Connectors

320FS002 Extender Backshell, Direct Coupling



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

Direct coupling. Low profile. 320FS002 extender backshell fits MIL-DTL-38999 Series I and II connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

PART NUMBER

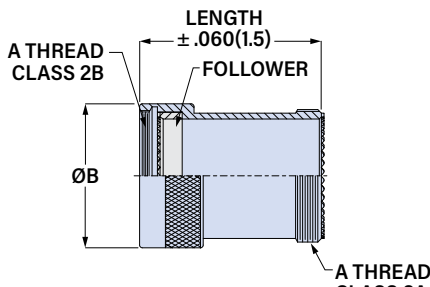
320FS002 NF 16 -3

Base P/N 320FS002

Material/Finish
M Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
ZI SST/ Passivated

Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24

Length
-3 1.5 inches
-4 2.0 inches
-5 2.5 inches
-6 3.0 inches
Length in ½ inch increments, 1.5 inch minimum.



Shell Size	A Thread UNEF-2B	ø B Max.	
		in	mm
8/9	0.4375-28	.59	15.0
10/11	0.5625-24	.72	18.3
12/13	0.6875-24	.84	21.3
14/15	0.8125-20	.97	24.6
16/17	0.9375-20	1.09	27.7
18/19	1.0625-18	1.22	31.0
20/21	1.1875-18	1.34	34.0
22/23	1.3125-18	1.47	37.3
24/25	1.4375-18	1.59	40.4

Series 32 Extender Backshells

for MIL-DTL-38999 Series I and II Connectors

320F*006 Extender Backshell, Self-Locking

Self-Locking



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

Self-locking. 320F*006 extender backshell fits MIL-DTL-38999 Series I and II connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or stainless steel.

PART NUMBER

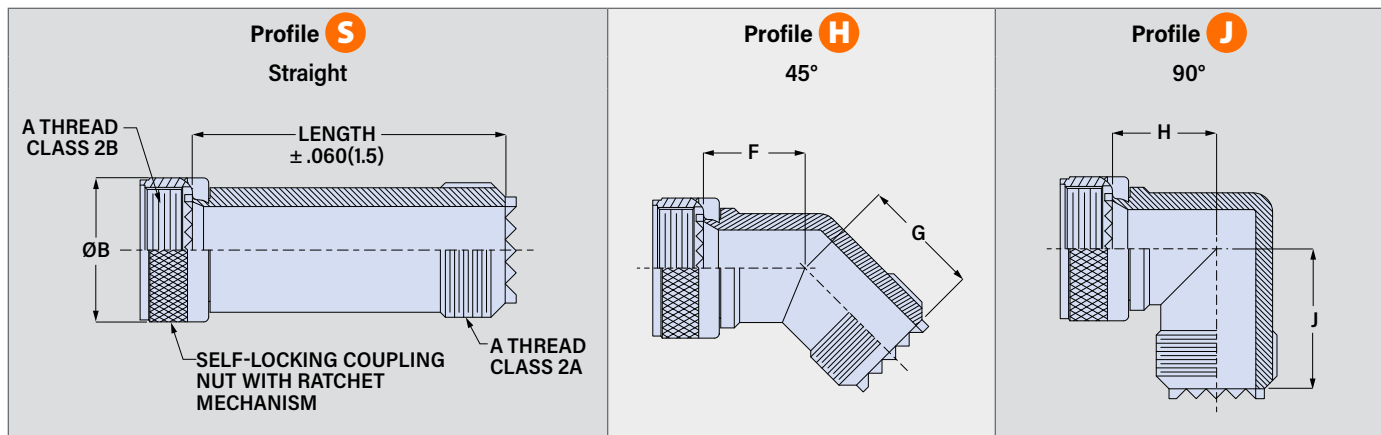
320FS006 M 16 -3

Base P/N	Profile
320FS006	S Straight
320FH006	H 45°
320FJ006	J 90°

Material/Finish	
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated

Shell Size	Shell Size									
	38999 Series I					38999 Series II				
	9	11	13	15	17	19	21	23	25	
	Size Code	08	10	12	14	16	18	20	22	24

Length		
-3	1.5 inches	<i>Applies to Profile S only. Length in 1/2 inch increments, 1.5 inch minimum.</i>
-4	2.0 inches	
-5	2.5 inches	
-6	3.0 inches	



Shell Size	A Thread UNEF-2B	øB Max in	mm	F Max. in	mm	G Max. in	mm	H Max. in	mm	J Max. in	mm
8/9	0.4375-28	.860	21.8	.986	25.0	.890	22.6	1.096	27.8	1.000	25.4
10/11	0.5625-24	.970	24.6	1.016	25.8	.920	23.4	1.166	29.6	1.070	27.2
12/13	0.6875-24	1.110	28.2	1.038	26.4	.942	23.9	1.226	31.1	1.130	28.7
14/15	0.8125-20	1.210	30.7	1.056	26.8	.970	24.6	1.286	32.7	1.190	30.2
16/17	0.9375-20	1.350	34.3	1.086	27.6	.990	25.1	1.346	34.2	1.250	31.8
18/19	1.0625-18	1.460	37.1	1.106	28.1	1.010	25.7	1.396	35.5	1.300	33.0
20/21	1.1875-18	1.600	40.6	1.136	28.9	1.040	26.4	1.466	37.2	1.370	34.8
22/23	1.3125-18	1.700	43.2	1.156	29.4	1.060	26.9	1.516	38.5	1.420	36.1
24/25	1.4375-18	1.840	46.7	1.186	30.1	1.090	27.7	1.696	43.1	1.490	37.8

Series 32 Extender Backshells

for MIL-DTL-38999 Series I and II Connectors

327F*060 Extender Backshell, Composite

Self-Locking



Adapter Code F

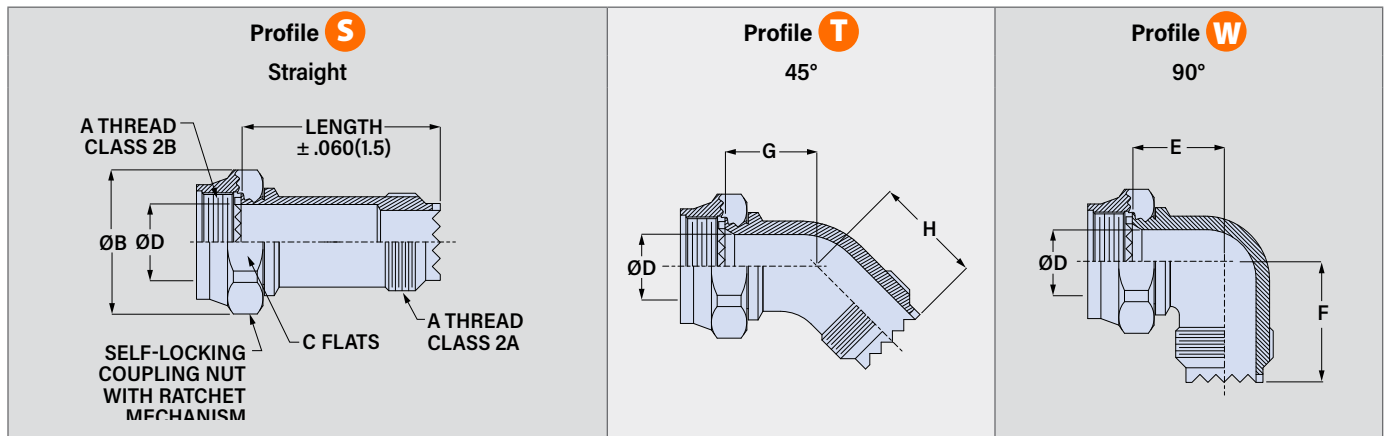
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

Corrosion-free composite. 327F*060 extender backshell fits MIL-DTL-38999 Series I and II connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. High performance thermoplastic.

PART NUMBER

327FS060 XM 16 -6

Base P/N	Base Part No.	Profile	Coupling nut is unplated								
	327FS060 S	Straight									
	327FT060 T	45°									
	327FW060 W	90°									
Adapter Finish	XB	No Plating, Black Color									
	XM	Electroless Nickel									
	XO	No Plating, Amber Color									
	XW	Olive Drab Cadmium									
Shell Size	Shell Size										
	38999 Series I	9	11	13	15	17	19	21	23	25	
38999 Series II	8	10	12	14	16	18	20	22	24		
	Size Code	08	10	12	14	16	18	20	22	24	
Length	-6	.75 inch									Applies to Profile S only.
	-8	1.0 inch									



Shell Size	A Thread UNEF-2B	ø B Max		C Hex Flats		ø D Ref		E Max		F Max		G Max		H Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	0.4375-28	.86	21.8	.750	19.1	.250	6.4	.740	18.8	1.000	25.4	.780	19.8	.890	22.6
10/11	0.5625-24	.98	24.9	.875	22.2	.375	9.5	.800	20.3	1.060	26.9	.810	20.6	.920	23.4
12/13	0.6875-24	1.16	29.5	1.000	25.4	.500	12.7	.860	21.8	1.120	28.4	.810	20.6	.940	23.9
14/15	0.8125-20	1.28	32.5	1.125	28.6	.625	15.9	.930	23.6	1.190	30.2	.820	20.8	.970	24.6
16/17	0.9375-20	1.41	35.8	1.250	31.8	.750	19.1	.990	25.1	1.250	31.8	.840	21.3	.990	25.1
18/19	1.0625-18	1.52	38.6	1.375	34.9	.844	21.4	1.050	26.7	1.310	33.3	.850	21.6	1.000	25.4
20/21	1.1875-18	1.64	41.7	1.500	38.1	.968	24.6	1.120	28.4	1.380	35.1	.880	22.4	1.030	26.2
22/23	1.3125-18	1.77	45.0	1.625	41.3	1.094	27.8	1.180	30.0	1.440	36.6	.920	23.4	1.070	27.2
24/25	1.4375-18	1.89	48.0	1.750	44.5	1.219	31.0	1.240	31.5	1.500	38.1	.970	24.6	1.080	27.4

Series 32 Extender Backshells

for MIL-DTL-38999 Series III and IV Connectors

320H*001 Extender Backshell, Spin Coupling



Adapter Code H

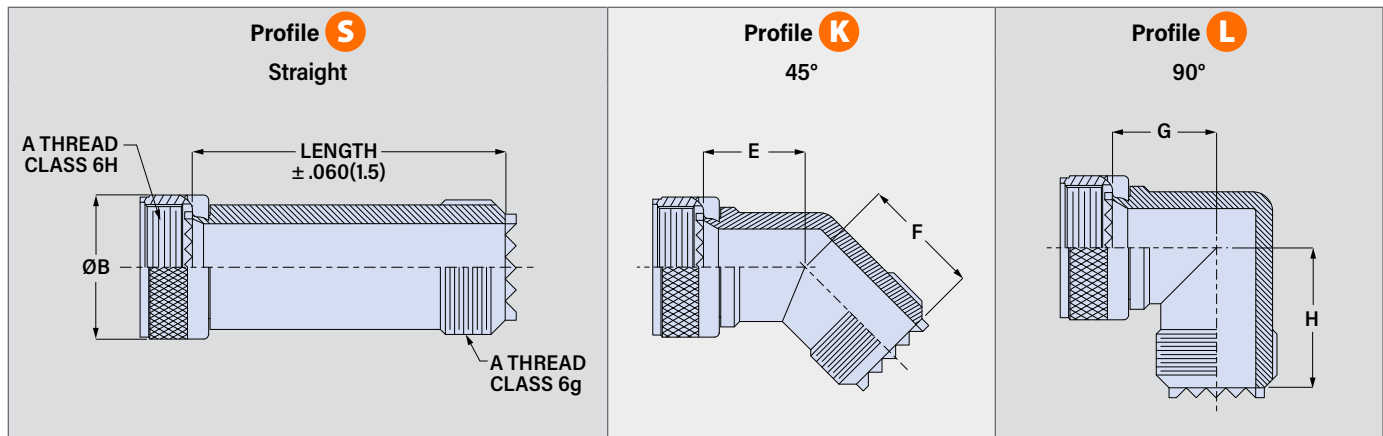
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Spin coupling. 320H*001 extender backshell fits MIL-DTL-38999 Series III and IV connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

PART NUMBER

320HS001 MT 17 -3

Base P/N	Base Part No.	Profile
	320HS001	S Straight
	320HK001	K 45°
	320HL001	L 90°
Material/Finish	M	Alum/ Electroless Nickel
	MT	Alum/ Nickel-PTFE
	NF	Alum/ Olive Drab Cadmium
	ZR	Alum/ Black Zinc-Nickel
	TZ	Alum/ Tin-Zinc
	ZI	SST/ Passivated
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25
	Size Code	09 11 13 15 17 19 21 23 25
Length	-2	1.0 inch
	-3	1.5 inches
	-4	2.0 inches
	-5	2.5 inches
	-6	3.0 inches
		<i>Applies to Profile S only. Length in 1/2 inch increments.</i>



Shell Size	A Thread	øB Max	E Max.	F Max.	G Max.	H Max.					
		in	mm	in	mm	in	mm				
9 (A)	M12X1.0	.770	19.6	.830	21.1	.890	22.6	.940	23.9	1.000	25.4
11 (B)	M15X1.0	.840	21.3	.860	21.8	.920	23.4	1.010	25.7	1.070	27.2
13 (C)	M18X1.0	.960	24.4	.882	22.4	.942	23.9	1.070	27.2	1.130	28.7
15 (D)	M22X1.0	1.090	27.7	.900	22.9	.970	24.6	1.130	28.7	1.190	30.2
17 (E)	M25X1.0	1.230	31.2	.930	23.6	.990	25.1	1.190	30.2	1.250	31.8
19 (F)	M28X1.0	1.360	34.5	.950	24.1	1.010	25.7	1.240	31.5	1.300	33.0
21 (G)	M31X1.0	1.480	37.6	.980	24.9	1.040	26.4	1.310	33.3	1.370	34.8
23 (H)	M34X1.0	1.600	40.6	1.000	25.4	1.060	26.9	1.360	34.5	1.420	36.1
25 (J)	M37X1.0	1.720	43.7	1.030	26.2	1.090	27.7	1.540	39.1	1.490	37.8

Series 32 Extender Backshells

for MIL-DTL-38999 Series III and IV Connectors

320HS002 Extender Backshell, Direct Coupling



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Direct coupling. Low profile. 320FS002 extender backshell fits MIL-DTL-38999 Series III and IV connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

PART NUMBER

320HS002 NF 17 -3

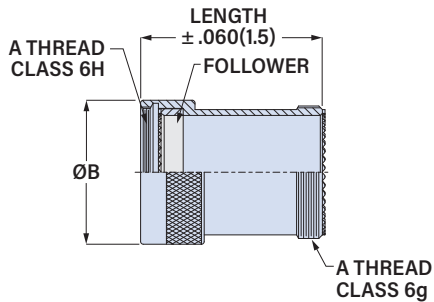
Base P/N 320HS002

Material/Finish
M Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
Z1 SST/ Passivated

Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	A	B	C	D	E	F	G	H	J
		09	11	13	15	17	19	21	23	25

Length
-2 1.0 inch
-3 1.5 inches
-4 2.0 inches
-5 2.5 inches
-6 3.0 inches

Length in 1/2 inch increments



Shell Size	A Thread	ø B Max.	
		in	mm
9 (A)	M12X1.0	.65	16.5
11 (B)	M15X1.0	.77	19.6
13 (C)	M18X1.0	.89	22.6
15 (D)	M22X1.0	1.03	26.2
17 (E)	M25X1.0	1.15	29.2
19 (F)	M28X1.0	1.28	32.5
21 (G)	M31X1.0	1.41	35.8
23 (H)	M34X1.0	1.53	38.9
25 (J)	M37X1.0	1.66	42.2

Series 32 Extender Backshells

for MIL-DTL-38999 Series III and IV Connectors

320H*006 Extender Backshell, Self-Locking**Self-Locking****Adapter Code H**This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Self-locking. 320H*006 extender backshell fits MIL-DTL-38999 Series III and IV connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or stainless steel.

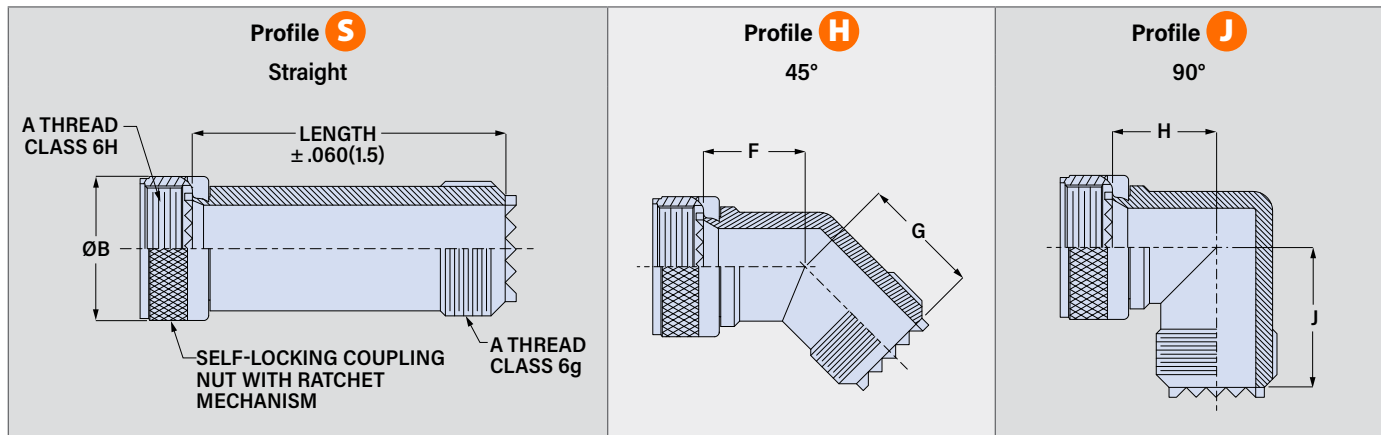
PART NUMBER**320HS006 ZR 19 -3**

Base P/N	Base Part No.	Profile
	320HS006	S Straight
	320HH006	H 45°
	320HJ006	J 90°

Material/Finish	Material/Finish
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated

Shell Size	Shell Size									
	9	11	13	15	17	19	21	23	25	
	A	B	C	D	E	F	G	H	J	
Size Code	09	11	13	15	17	19	21	23	25	

Length	Length
-3	1.5 inches
-4	2.0 inches
-5	2.5 inches
-6	3.0 inches

Applies to Profile **S** only. Length in ½ inch increments, 1.5 inch minimum.

Shell Size	A Thread	øB Max		F Max.		G Max.		H Max.		J Max.	
		in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0	.94	24.8	.986	25.0	.890	22.6	1.096	27.8	1.000	25.4
11 (B)	M15X1.0	1.06	26.9	1.016	25.8	.920	23.4	1.166	29.6	1.070	27.2
13 (C)	M18X1.0	1.17	29.7	1.038	26.4	.942	23.9	1.226	31.1	1.130	28.7
15 (D)	M22X1.0	1.29	32.7	1.056	26.8	.970	24.6	1.286	32.7	1.190	30.2
17 (E)	M25X1.0	1.42	36.1	1.086	27.6	.990	25.1	1.346	34.2	1.250	31.8
19 (F)	M28X1.0	1.54	39.1	1.106	28.1	1.010	25.7	1.396	35.5	1.300	33.0
21 (G)	M31X1.0	1.67	42.4	1.136	28.9	1.040	26.4	1.466	37.2	1.370	34.8
23 (H)	M34X1.0	2.01	51.1	1.156	29.4	1.060	26.9	1.516	38.5	1.420	36.1
25 (J)	M37X1.0	2.12	53.8	1.186	30.1	1.090	27.7	1.696	43.1	1.490	37.8

Series 32 Extender Backshells

for MIL-DTL-38999 Series III and IV Connectors

327H*060 Extender Backshell, Composite

Self-Locking



Adapter Code H

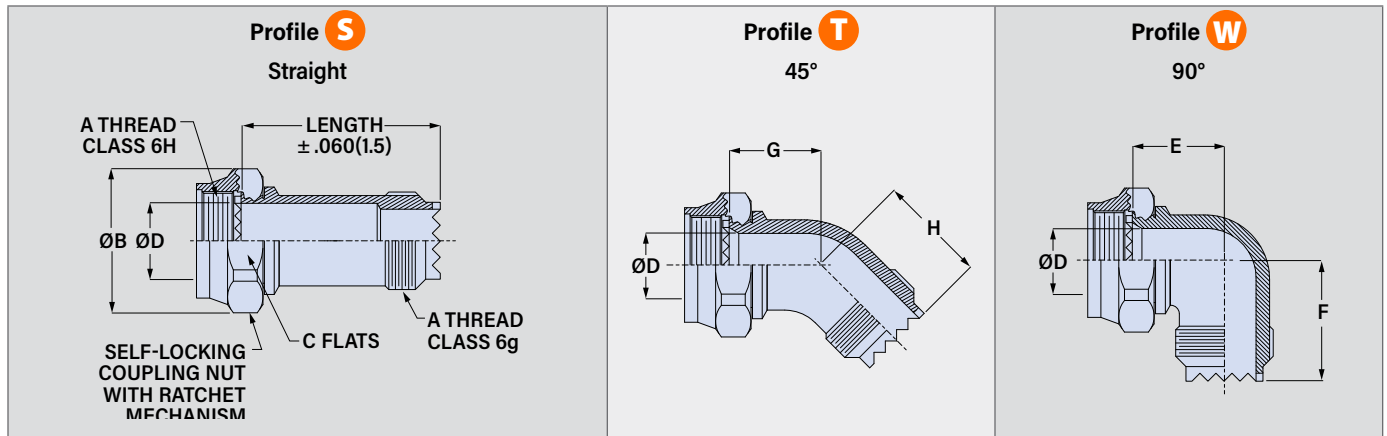
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Corrosion-free composite. 327H*060 extender backshell fits MIL-DTL-38999 Series III and IV connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. High performance thermoplastic.

PART NUMBER

327HS060 XM 15 -6

Base P/N	Base Part No.	Profile	
	327HS060 S	Straight	
	327HT060 T	45°	
	327HW060 W	90°	
Adapter Finish	XB	No Plating, Black Color	<i>Coupling nut is unplated</i>
	XM	Electroless Nickel	
	XO	No Plating, Amber Color	
	XW	Olive Drab Cadmium	
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25	
	Size Code	09 11 13 15 17 19 21 23 25	
Length	-6	.75 inch	<i>Applies to Profile S only.</i>
	-8	1.0 inch	



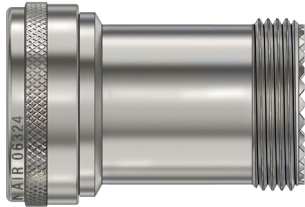
Shell Size	A Thread	ø B Max		C Hex Flats		ø D Ref		E Max		F Max		G Max		H Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0	.86	21.8	.750	19.1	.250	6.4	.740	18.8	1.000	25.4	.780	19.8	.890	22.6
11 (B)	M15X1.0	.98	24.9	.875	22.2	.375	9.5	.800	20.3	1.060	26.9	.810	20.6	.920	23.4
13 (C)	M18X1.0	1.16	29.5	1.000	25.4	.500	12.7	.860	21.8	1.120	28.4	.810	20.6	.940	23.9
15 (D)	M22X1.0	1.28	32.5	1.125	28.6	.625	15.9	.930	23.6	1.190	30.2	.820	20.8	.970	24.6
17 (E)	M25X1.0	1.41	35.8	1.250	31.8	.750	19.1	.990	25.1	1.250	31.8	.840	21.3	.990	25.1
19 (F)	M28X1.0	1.52	38.6	1.375	34.9	.844	21.4	1.050	26.7	1.310	33.3	.850	21.6	1.000	25.4
21 (G)	M31X1.0	1.64	41.7	1.500	38.1	.968	24.6	1.120	28.4	1.380	35.1	.880	22.4	1.030	26.2
23 (H)	M34X1.0	1.77	45.0	1.625	41.3	1.094	27.8	1.180	30.0	1.440	36.6	.920	23.4	1.070	27.2
25 (J)	M37X1.0	1.89	48.0	1.750	44.5	1.219	31.0	1.240	31.5	1.500	38.1	.970	24.6	1.080	27.4

Series 32 Extender Backshells

for MIL-DTL-38999 Series III and IV Connectors

320H*030 Extender Backshell, Self-Locking, Expanded Clearance

Self-Locking



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Self-locking. Extra clearance for #8 contacts. 320H*030 extender backshell fits MIL-DTL-38999 Series III and IV connectors. Extender provides extra clearance for #8 coaxial, twinax, quadax and octaxial contacts with sealing boots. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or stainless steel with silicone O-ring.

PART NUMBER

320HS030 ME 13 -4

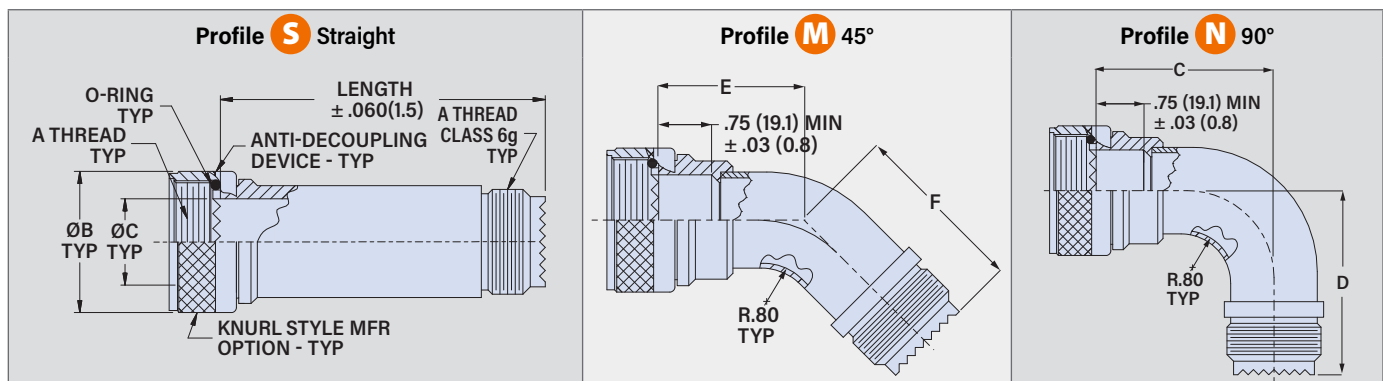
Base P/N	Base Part No.	Profile
	320HS030 S	Straight
	320HM030 M	45°
	320HN030 N	90°

Material/Finish	ME Alum/ Electroless Nickel
	MT Alum/ Nickel-PTFE
	NF Alum/ Olive Drab Cadmium
	ZR Alum/ Black Zinc-Nickel
	TZ Alum/ Tin-Zinc
	ZI SST/ Passivated

Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
		A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25

Length	-2	1.0 inches	-4	2.0 inches
	-3	1.5 inches	-5	2.5 inches

Shell Size	A Thread	øB Max		C Max.		D Max.		E Max.		F Max.	
		in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0	.94	24.8	1.893	48.1	1.483	37.7	1.433	36.4	1.023	26.0
11 (B)	M15X1.0	1.06	26.9	1.955	49.7	1.545	39.2	1.460	37.1	1.050	26.7
13 (C)	M18X1.0	1.17	29.7	2.107	53.5	1.697	43.1	1.485	37.7	1.075	27.3
15 (D)	M22X1.0	1.29	32.7	2.170	55.1	1.760	44.7	1.541	39.1	1.131	28.7
17 (E)	M25X1.0	1.42	36.1	2.275	57.8	1.865	47.4	1.580	40.1	1.170	29.7
19 (F)	M28X1.0	1.54	39.1	2.338	59.4	1.928	49.0	1.606	40.8	1.196	30.4
21 (G)	M31X1.0	1.67	42.4	2.399	60.9	1.989	50.5	1.588	40.3	1.178	29.9
23 (H)	M34X1.0	2.01	51.1	2.420	61.5	2.010	51.1	1.610	40.9	1.200	30.5
25 (J)	M37X1.0	2.12	53.8	2.525	64.1	2.115	53.7	1.641	41.7	1.231	31.3



Series 32 Extender Backshells

for MIL-DTL-38999 Series III and IV Connectors

320HS031 Extender Backshell, Composite, Expanded Clearance



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Self-locking. Extra clearance for #8 contacts. 320HS031 extender backshell fits MIL-DTL-38999 Series III and IV connectors. Extender provides extra clearance for #8 coax, twinax, quadax and octaxial contacts with sealing boots. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. High performance thermoplastic.

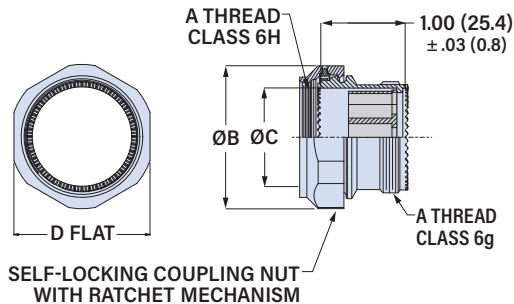
PART NUMBER

320HS031 XM 25

Base P/N **320HS031**

Finish	XM Electroless Nickel	<i>Coupling nut is unplated</i>
	XW Cadmium Olive Drab Over Electroless Nickel	
	XB No Plating, Black	
	XO No Plating, Natural	
	XMT 2000 Hour Corrosion Resistant Ni-Ptfe, Nickel-Fluorocarbon Polymer, 1000 Hr Grey	
	XTD 2000 Hour Corrosion Resistant Ni-Ptfe, Nickel-Fluorocarbon Polymer, 1000 Hr Grey - Enhanced	
	XMD 2000 Hour Corrosion Resistant Electroless Nickel - Enhanced	

Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
		A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25



Shell Size	A Thread	øB Max		øC Min		D Hex Flats			
		in	mm	in	mm	Max	Min		
9 (A)	M12X1.0	.812	20.6	.304	7.7	.750	19.1	736	18.69
11 (B)	M15X1.0	.938	23.8	.432	11.0	.875	22.2	.860	21.84
13 (C)	M18X1.0	1.125	28.6	.546	13.9	1.000	25.4	.980	24.89
15 (D)	M22X1.0	1.250	31.8	.671	17.0	1.125	28.6	1.100	27.94
17 (E)	M25X1.0	1.375	34.9	.796	20.2	1.250	31.8	1.224	31.09
19 (F)	M28X1.0	1.500	38.1	.902	22.9	1.375	34.9	1.348	34.24
21 (G)	M31X1.0	1.625	41.3	1.027	26.1	1.500	38.1	1.469	37.31
23 (H)	M34X1.0	1.750	44.5	1.152	29.3	1.625	41.3	1.581	40.16
25 (J)	M37X1.0	1.875	47.6	1.287	32.7	1.750	44.5	1.690	42.93

Series 32 Extender Backshells

for MIL-DTL-28840 Connectors

320G*001 Extender Backshell, Spin Coupling



Spin coupling. 320G*001 extender backshell fits MIL-DTL-28840 connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel.

Adapter Code **G**

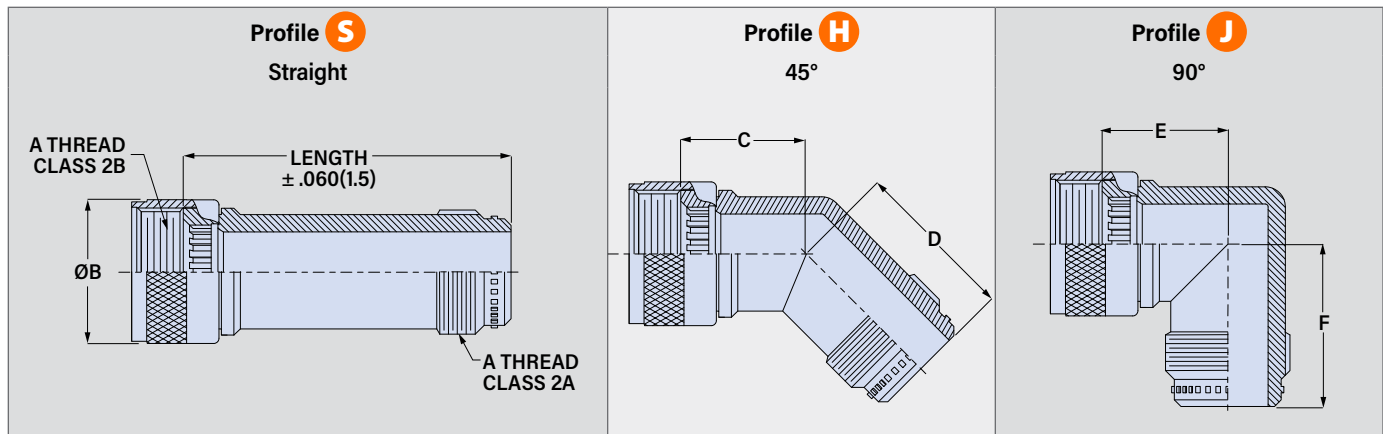
This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

PART NUMBER

320GS001 TZ 17 -3

Base P/N	Base Part No.	Profile
	320GS001	S Straight
	320GH001	H 45°
	320GJ001	J 90°
Material/Finish	M	Alum/Electroless Nickel
	NF	Alum/Cadmium, Olive Drab
	ZR	Alum/Black Zinc-Nickel
	TZ	Alum/Tin-Zinc
	ZI	SST/Passivated
	ZU	SST/Cadmium, Black
	ZTZ	SST/Tin-Zinc
Shell Size	Shell Size	11 13 15 17 19 23 25 29 33
		A B C D E F G H J
	Size Code	11 13 15 17 19 23 25 29 33

Length	-3	1.5 inches	<i>Applies to Profile S only. Length in 1/2 inch increments.</i>
	-4	2.0 inches	
	-5	2.5 inches	
	-6	3.0 inches	



Size Code	Shell Size	A Thread	øB Max. in	øB Max. mm	C Max. in	C Max. mm	D Max. in	D Max. mm	E Max. in	E Max. mm	F Max. in	F Max. mm
11	A (11)	.750-20 UNEF	.94	23.9	1.240	31.5	1.080	27.4	1.380	35.1	1.210	30.7
13	B (13)	.875-20 UNEF	1.07	27.7	1.260	32.0	1.100	27.9	1.440	36.6	1.260	32.0
15	C (15)	1.000-20 UNEF	1.21	30.7	1.290	32.8	1.120	28.4	1.500	38.1	1.350	34.3
17	D (17)	1.125-18 UNEF	1.41	35.7	1.310	33.3	1.150	29.2	1.570	39.9	1.420	36.1
19	E (19)	1.250-18 UNEF	1.53	38.9	1.340	34.0	1.180	30.0	1.630	41.4	1.490	37.8
23	F (23)	1.438-18 UNEF	1.73	43.9	1.380	35.1	1.220	31.0	1.730	43.9	1.570	39.9
25	G (25)	1.562-18 UNEF	1.82	46.3	1.410	35.8	1.250	31.8	1.800	45.7	1.640	41.7
29	H (29)	1.875-16 UN	2.14	54.4	1.580	40.1	1.430	36.3	2.040	51.8	1.900	48.3
33	J (33)	2.062-16 UNS	2.33	59.1	1.620	41.1	1.470	37.3	2.130	54.1	1.980	50.3



Series 32 Extender Backshells

for Series 80 Mighty Mouse Connectors

320M*001 Extender Backshell, Spin Coupling



Spin coupling. 320M*001 extender backshell fits Glenair's Series 80 Mighty Mouse connectors. Extender provides extra room for wiring. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Aluminum or stainless steel with silicone O-ring.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

Profile S
Straight

Profile K
45°

Profile L
90°

PART NUMBER

320MS001 M 16 -3

Base P/N	Base Part No.	Profile		
	320MS001 S	Straight		
	320MK001 K	45°		
	320ML001 L	90°		
Material/Finish	M	Alum/ Electroless Nickel		
	MT	Alum/ Nickel-PTFE		
	NF	Alum/ Olive Drab Cadmium		
	ZR	Alum/ Black Zinc-Nickel		
	TZ	Alum/ Tin-Zinc		
	ZI	SST/ Passivated		
Size Code	Shell Size		Coupling Nut Thread UNEF-2B	
	Shell Size Code	Series 800, 801, 803, 804		Series 805
	05	5	N/A	0.250-32
	06	6	N/A	0.3125-32
	11	N/A	8	0.3750-32
	07	7	9	0.4375-28
	08	8	10	0.500-28
	09	9	11	0.5625-24
	10	10	12	0.625-24
	12	11, 12, 13	13	0.6875-24
	13	N/A	15	0.750-20
	14	14, 15, 16, 17	18, 19	0.9375-20
	16	19	21	1.0625-18
	17	21	23	1.1875-18
Length	-3	1.5 inches		
	-4	2.0 inches		
	-5	2.5 inches		
	-6	3.0 inches		
<i>Applies to Profile S only. Length in 1/2 inch increments, 1.5 inch minimum.</i>				

Shell Size Code	Shell Size		A Thread UNEF	ØB Max. in mm	C Max. in mm	D Max. in mm	E Max. in mm	F Max. in mm					
	Series 800, 801, 803, 804	Series 805											
05	5	N/A	0.250-32	.470	11.9	.640	16.3	.770	19.6	.550	14.0	.600	15.2
06	6	N/A	0.3125-32	.530	13.5	.670	17.0	.810	20.6	.570	14.5	.610	15.5
11	N/A	8	0.3750-32	.570	14.5	.690	17.5	.830	21.1	.580	14.7	.620	15.7
07	7	9	0.4375-28	.637	16.2	.730	18.5	.860	21.8	.600	15.2	.630	16.0
08	8	10	0.500-28	.700	17.8	.760	19.3	.890	22.6	.610	15.5	.640	16.3
09	9	11	0.5625-24	.758	19.3	.790	20.1	.920	23.4	.620	15.7	.650	16.5
10	10	12	0.625-24	.819	20.8	.820	20.8	.950	24.1	.630	16.0	.670	17.0
12	11, 12, 13	13	0.6875-24	.896	22.8	.860	21.8	.990	25.1	.650	16.5	.680	17.3
13	N/A	15	0.750-20	.930	23.6	.900	22.9	1.040	26.4	.670	17.0	.700	17.8
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	.980	24.9	1.110	28.2	.700	17.8	.730	18.5
16	19	21	1.0625-18	1.230	31.2	1.010	25.7	1.140	29.0	.720	18.3	.750	19.1
17	21	23	1.1875-18	1.387	35.2	1.070	27.2	1.200	30.5	.740	18.8	.770	19.6

Series 32 Extender Backshells

for Series 80 Mighty Mouse Connectors

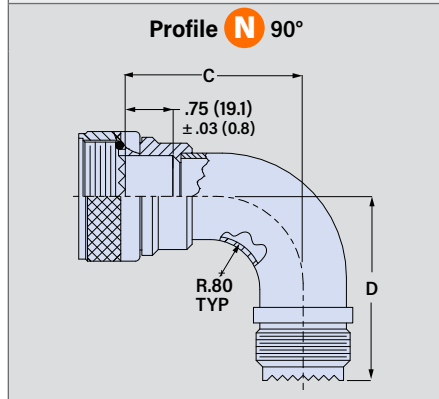
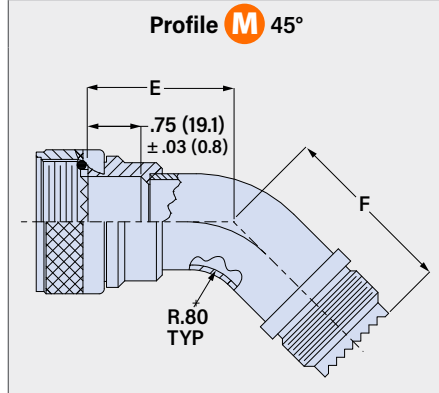
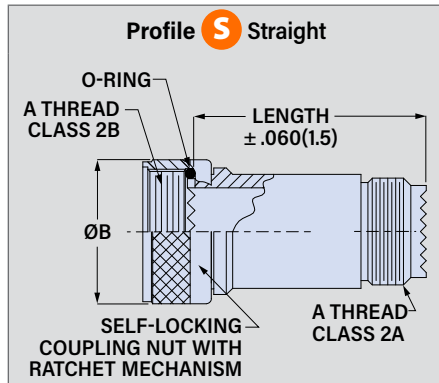
320M*030 Extender Backshell, Self-Locking, Expanded Clearance

Self-Locking



Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors



Self-locking. Extra clearance for #8 contacts. 320M*030 extender backshell fits Glenair's Series 80 Mighty Mouse connectors. Extender provides extra clearance for #8 coax, twinax, quadax and octaxial contacts with sealing boots. Back end of extender is identical to connector back end. Attach cable clamp or backshell to extender. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or stainless steel with silicone O-ring.

PART NUMBER

320MS030 ME 16 -8

Base P/N	Base Part No.	Profile
	320MS030 S	Straight
	320MM030 M	45°
	320MN030 N	90°

Material/Finish

- ME** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc
- ZI** SST/ Passivated

Size Code	Shell Size		Coupling Nut Thread
	Series 800, 801, 803, 804	Series 805	
11	N/A	8	0.3750-32
07	7	9	0.4375-28
08	8	10	0.500-28
09	9	11	0.5625-24
10	10	12	0.625-24
12	11, 12, 13	13	0.6875-24
13	N/A	15	0.750-20
14	14, 15, 16, 17	18, 19	0.9375-20
16	19	21	1.0625-18
17	21	23	1.1875-18

Length

- 8** 2.0 inches
- 10** 2.5 inches
- 12** 3.0 inches
- 14** 3.5 inches

Applies to Profile S only. Length in 1/4 inch increments, 2 inch minimum.

Shell Size Code	Shell Size		A Thread UNEF	øB Max. in	C Max. in	D Max. in	E Max. in	F Max. in					
	Series 800, 801, 803, 804	Series 805											
11	N/A	8	0.3750-32	.763	19.4	1.893	48.1	1.393	35.4	1.433	36.4	.933	23.7
07	7	9	0.4375-28	.782	19.9	1.893	48.1	1.393	35.4	1.433	36.4	.933	23.7
08	8	10	0.500-28	.803	20.4	1.955	49.7	1.455	37.0	1.460	37.1	.960	24.4
09	9	11	0.5625-24	.950	24.1	1.955	49.7	1.455	37.0	1.460	37.1	.960	24.4
10	10	12	0.625-24	1.034	26.3	2.107	53.5	1.607	40.8	1.485	37.7	.985	25.0
12	11, 12, 13	13	0.6875-24	1.076	27.3	2.107	53.5	1.607	40.8	1.485	37.7	.985	25.0
13	N/A	15	0.750-20	1.170	29.7	2.170	55.1	1.670	42.4	1.541	39.1	1.041	26.4
14	14, 15, 16, 17	18, 19	0.9375-20	1.320	33.5	2.275	57.8	1.775	45.1	1.580	40.1	1.080	27.4
16	19	21	1.0625-18	1.470	37.3	2.338	59.4	1.838	46.7	1.606	40.8	1.106	28.1
17	21	23	1.1875-18	1.582	40.2	2.399	60.9	1.899	48.2	1.588	40.3	1.088	27.6

Series 32 Extender Backshells

for Series 806 Mil-Aero Connectors

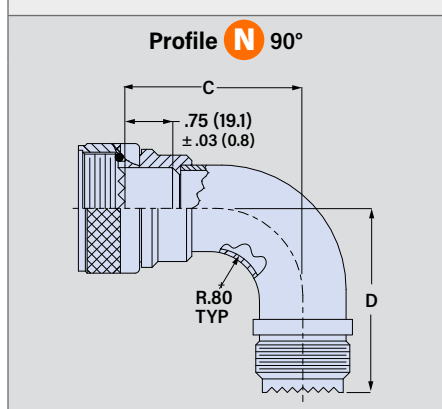
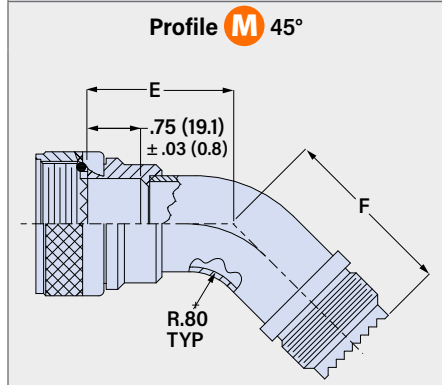
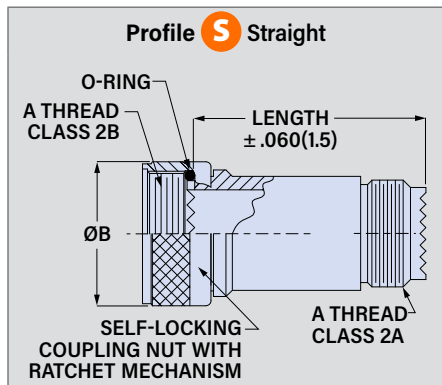
320V*030 Extender Backshell, Self-Locking, Expanded Clearance

Self-Locking



Self-locking. Extra clearance for #8 contacts. 320V*030 extender backshell fits Glenair's Series 806 Mil-Aero connectors. Extender provides extra clearance for #8 coax, twinax, quadax and octaxial contacts with sealing boots. Back end of extender is identical to connector back end. Attach cable clamp or backshell to back end. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or stainless steel with silicone O-ring.

Adapter Code V
This accessory fits Glenair Series 806 MilAero Connectors



PART NUMBER

	320VS030	ME	20	-8
Base P/N	Base Part No.	Profile		
	320VS030 S	Straight		
	320VM030 M	45°		
	320VN030 N	90°		
Material/Finish	ME	Alum/ Electroless Nickel		
	MT	Alum/ Nickel-PTFE		
	NF	Alum/ Olive Drab Cadmium		
	ZR	Alum/ Black Zinc-Nickel		
	TZ	Alum/ Tin-Zinc		
	ZI	SST/ Passivated		
Shell Size	08 09 10 11 12 14 16 18 20 22 24			
Length	-8	2.0 inches		
	-10	2.5 inches		
	-12	3.0 inches		
	-14	3.5 inches		

Applies to Profile S only. Length in ¼ inch increments, 2 inch minimum.

Shell Size	A Thread	øB Max. in	mm	C Max. in	mm	D Max. in	mm	E Max. in	mm	F Max. in	mm
08	M10X1.0-6H	.710	18.0	1.893	48.1	1.393	35.4	1.433	36.4	.933	23.7
09	M12X1.0-6H	.790	20.1	1.893	48.1	1.393	35.4	1.433	36.4	.933	23.7
10	M14X1.0-6H	.890	22.6	1.955	49.7	1.455	37.0	1.460	37.1	.960	24.4
11	M15X1.0-6H	.930	23.6	1.955	49.7	1.455	37.0	1.460	37.1	.960	24.4
12	M17X1.0-6H	1.010	25.7	2.107	53.5	1.607	40.8	1.485	37.7	.985	25.0
14	M19X1.0-6H	1.090	27.7	2.107	53.5	1.607	40.8	1.485	37.7	.985	25.0
16	M22X1.0-6H	1.210	30.7	2.170	55.1	1.670	42.4	1.541	39.1	1.041	26.4
18	M25X1.0-6H	1.330	33.8	2.275	57.8	1.775	45.1	1.580	40.1	1.080	27.4
20	M28X1.0-6H	1.450	36.8	2.338	59.4	1.838	46.7	1.606	40.8	1.106	28.1
22	M31X1.0-6H	1.570	39.9	2.399	60.9	1.899	48.2	1.588	40.3	1.088	27.6
24	M34X1.0-6H	1.710	43.4	2.420	61.5	1.920	48.8	1.610	40.9	1.110	28.2

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Ground Straps for for electrostatic discharge, lightning strike and power equipment grounding



2-ply ground straps provide superior bonding and flexibility

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- Ultra-lightweight ground straps with highly conductive or dissipative performance
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- Fast turnaround on requests for unusual and build-to-print requirements

FAST TURNAROUND ON UNUSUAL/BUILD-TO-PRINT REQUESTS



Hybrid braid materials and customizable lug material options

Specialized lug configurations

Heavy-duty braid and lug configurations

Round cross-section braid

Series 33 NPT Adapters

Selection Guide

Series 33 NPT Adapters

Series 33 NPT Adapters feature tapered pipe threads for attaching conduit or hose fittings to connectors. These adapters are compatible with AS50151 and MIL-DTL-38999 connectors.

Adapter Code

A

AS50151 crimp
AS95234
MIL-DTL-26482 Ser. II
MIL-DTL-83723 Ser. III



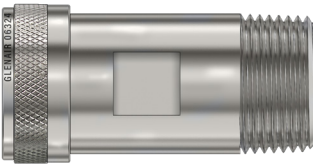
NPT Adapter, Spin Coupling, External Threads
330AS001
Page 33-2



NPT Adapter, Spin Coupling, Internal Threads
330AS002
Page 33-2

Styles

1



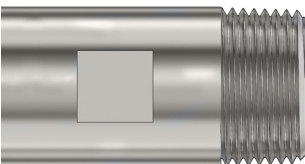
NPT Adapter, Spin Coupling, External Threads

2



NPT Adapter, Spin Coupling, Internal Threads

3



NPT Adapter, Direct Coupling, External Threads

4



NPT Adapter, Direct Coupling, Internal Threads

Adapter Code

B

AS50151 Solder



NPT Adapter, Direct Coupling, External Threads
330BS003
Page 33-3

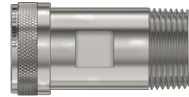


NPT Adapter, Direct Coupling, Internal Threads
330BS004
Page 33-3

Adapter Code

F

MIL-DTL-38999 Series I and II



NPT Adapter, Spin Coupling, External Threads
330FS001
Page 33-4



NPT Adapter, Spin Coupling, Internal Threads
330FS002
Page 33-4

Adapter Code

H

MIL-DTL-38999 Series III and IV



NPT Adapter, Spin Coupling, External Threads
330HS001
Page 33-5

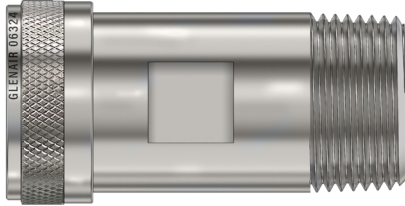


NPT Adapter, Spin Coupling, Internal Threads
330HS002
Page 33-5

Series 33 NPT Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

330AS001, 330AS002 NPT Adapter, Spin Coupling



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

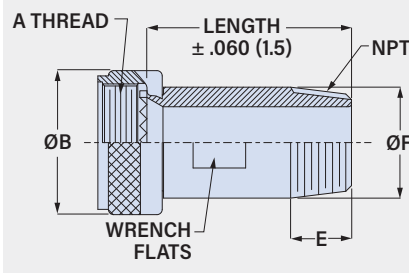
Spin coupling. NPT adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Adapter has tapered ANSI/ASME B1.20.1 National Pipe Threads. Aluminum or stainless steel.

PART NUMBER

330AS001 M 16 04 -4

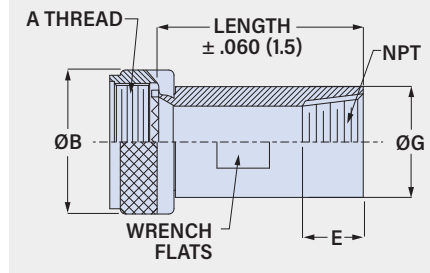
Base P/N	330AS001 External NPT 330AS002 Internal NPT
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40
NPT Size	Code NPT Size 03 3/8 04 1/2 05 3/4 06 1 07 1 1/4 08 1 1/2 09 2
Length	-3 1.5 inches (NPT size 3/8 only) -4 2.0 inches (NPT size 3/8 to 1) -5 2.5 inches -6 3.0 inches <i>Length in 1/2 inch increments.</i>

330AS001 WITH EXTERNAL NPT



Shell Size	A Thread	Ø B Max.	
		in	mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9
28	1.750-18 UNS	1.97	50.0
32	2.000-18 UNS	2.22	56.4
36	2.250-16 UN	2.47	62.7
40	2.500-16 UN	2.72	69.1

330AS002 WITH INTERNAL NPT



Size Code	NPT Size	E		Ø F		Ø G	
		±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm
03	3/8	.593	15.1	.675	17.1	.875	22.2
04	1/2	.781	19.8	.840	21.3	1.000	25.4
05	3/4	.812	20.6	1.050	26.7	1.250	31.8
06	1	1.000	25.4	1.315	33.4	1.500	38.1
07	1 1/4	1.031	26.2	1.660	42.2	1.750	44.5
08	1 1/2	1.031	26.2	1.900	48.3	2.125	54.0
09	2	1.062	27.0	2.375	60.3	2.500	63.5

Series 33 NPT Adapters

for AS50151 Solder Connectors

330BS003, 330BS004 NPT Adapter, Direct Coupling



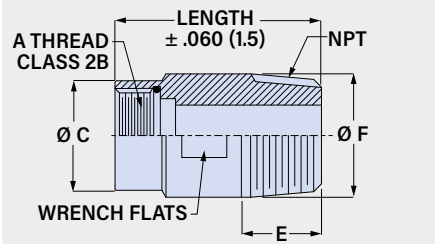
Adapter Code **B**

Fits AS50151 Series 1 AN Type solder Connectors . AS310*, MS3100.

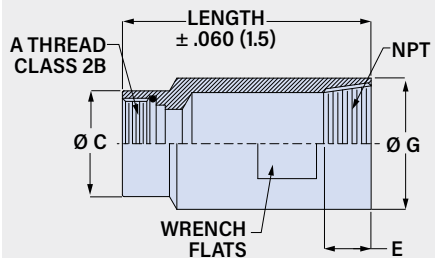
TABLE 1: NPT SIZE

Size Code	NPT Size	E		ø F		ø G	
		± .015 (0.4) in	± .015 (0.4) mm	± .015 (0.4) in	± .015 (0.4) mm	± .015 (0.4) in	± .015 (0.4) mm
03	3/8	.593	15.1	.675	17.1	.875	22.2
04	1/2	.781	19.8	.840	21.3	1.000	25.4
05	3/4	.812	20.6	1.050	26.7	1.250	31.8
06	1	1.000	25.4	1.315	33.4	1.500	38.1
07	1 1/4	1.031	26.2	1.660	42.2	1.750	44.5
08	1 1/2	1.031	26.2	1.900	48.3	2.125	54.0
09	2	1.062	27.0	2.375	60.3	2.500	63.5

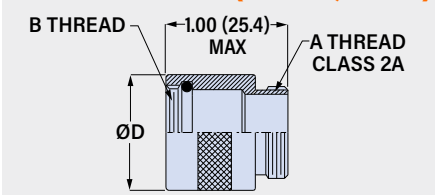
330BS003 WITH EXTERNAL NPT



330BS004 WITH INTERNAL NPT



FRONT ADAPTER (AS REQUIRED)



Direct coupling. NPT adapter fits AS50151 (MS3100) solder connectors. Adapter has tapered ANSI/ASME B1.20.1 National Pipe Threads. Supplied with extra front adapters as necessary for compatibility with all connector brands. Aluminum or stainless steel, silicone O-ring.

PART NUMBER

		330BS003	M	16	04	-4	A
Base P/N	330BS003 External NPT 330BS004 Internal NPT						
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated						
Shell Size	Code Shell Size 05 10S 08 10SL 11 12, 12S 14 14, 14S 15 16, 16S 16 18 17 20	Code Shell Size 20 22 21 24 22 28 23 32 26 36 31 40					
NPT Size	See Table 1						
Length	-3 1.5 inches (NPT size 3/8 only) -4 2.0 inches (NPT size 3/8 to 1) -5 2.5 inches -6 3.0 inches	Length in 1/2 inch increments.					
Connector Manufacturer Code	A Universal	Compatible with all manufacturers. Includes additional front adapter(s) as necessary to fit multiple manufacturers.					

Shell Size Code	Shell Size	A Main Backshell Class 2B		B Front Adapter Class 2B		øC Max		øD Max	
		in	mm	in	mm	in	mm	in	mm
05	10S	0.5000-28	UNEf	0.5625-24	UNEf	.724	18.4	.687	17.4
08	10SL	0.5625-24	UNEf	0.6250-24	UNEf	.724	18.4	.687	17.4
11	12, 12S	0.6250-24	UNEf	0.6875-24	UNEf	.848	21.5	.812	20.6
14	14, 14S	0.7500-20	UNEf	N/A		.974	24.7	N/A	N/A
15	16, 16S	0.8750-20	UNEf	N/A		1.102	28.0	N/A	N/A
16	18	1.0000-20	UNEf	N/A		1.220	31.0	N/A	N/A
17	20	1.1250-18	UNEf	1.1250-24	UNS	1.343	34.1	1.312	33.3
20	22	1.2500-18	UNEf	N/A		1.343	34.1	N/A	N/A
21	24	1.3750-18	UNEf	N/A		1.468	37.3	N/A	N/A
22	28	1.6250-18	UNEf	N/A		1.593	40.5	N/A	N/A
23	32	1.8750-16	UN	1.90625-18	UNS	2.125	54.0	2.062	52.4
26	36	2.1250-16	UN	2.0625-16	UNS	2.375	60.3	2.312	58.7
31	40	2.3750-16	UN	2.0625-20	UNEf	2.1250-18	UNS	2.625	66.7
				2.3125-16	UNS			2.562	65.1

Series 33 NPT Adapters

for MIL-DTL-38999 Series I and II Connectors

330FS001, 330FS002 NPT Adapter, Spin Coupling



Adapter Code F

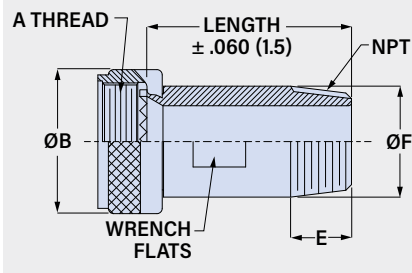
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

Spin coupling. NPT adapter fits MIL-DTL-38999 Series I and II connectors. Adapter has tapered ANSI/ASME B1.20.1 National Pipe Threads. Aluminum or stainless steel.

PART NUMBER

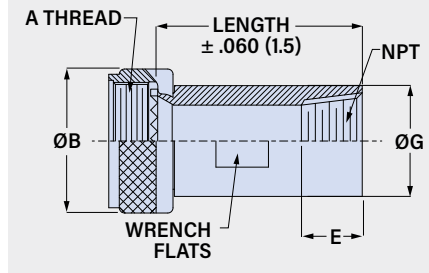
		330FS001	M	12	04	-4																																																			
Base P/N	330FS001 External NPT 330FS002 Internal NPT																																																								
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated																																																								
Shell Size	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="10">Shell Size</th> </tr> <tr> <th>38999 Series I</th> <th></th> <th>9</th><th>11</th><th>13</th><th>15</th><th>17</th><th>19</th><th>21</th><th>23</th><th>25</th> <th colspan="2"></th> </tr> <tr> <th>38999 Series II</th> <th></th> <th>8</th><th>10</th><th>12</th><th>14</th><th>16</th><th>18</th><th>20</th><th>22</th><th>24</th> <th colspan="2"></th> </tr> <tr> <th colspan="2">Size Code</th> <th>08</th><th>10</th><th>12</th><th>14</th><th>16</th><th>18</th><th>20</th><th>22</th><th>24</th> <th colspan="2"></th> </tr> </thead> </table>								Shell Size										38999 Series I		9	11	13	15	17	19	21	23	25			38999 Series II		8	10	12	14	16	18	20	22	24			Size Code		08	10	12	14	16	18	20	22	24		
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38999 Series II		8	10	12	14	16	18	20	22	24																																															
Size Code		08	10	12	14	16	18	20	22	24																																															
NPT Size	<table border="1"> <thead> <tr> <th>Code</th> <th>NPT Size</th> </tr> </thead> <tbody> <tr><td>03</td><td>3/8</td></tr> <tr><td>04</td><td>1/2</td></tr> <tr><td>05</td><td>3/4</td></tr> <tr><td>06</td><td>1</td></tr> <tr><td>07</td><td>1 1/4</td></tr> <tr><td>08</td><td>1 1/2</td></tr> <tr><td>09</td><td>2</td></tr> </tbody> </table>						Code	NPT Size	03	3/8	04	1/2	05	3/4	06	1	07	1 1/4	08	1 1/2	09	2																																			
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08	1 1/2																																																								
09	2																																																								
Length	<table border="1"> <tbody> <tr><td>-3</td><td>1.5 inches (NPT size 3/8 only)</td><td></td></tr> <tr><td>-4</td><td>2.0 inches (NPT size 3/8 to 1)</td><td>Length in 1/2 inch increments.</td></tr> <tr><td>-5</td><td>2.5 inches</td><td></td></tr> <tr><td>-6</td><td>3.0 inches</td><td></td></tr> </tbody> </table>						-3	1.5 inches (NPT size 3/8 only)		-4	2.0 inches (NPT size 3/8 to 1)	Length in 1/2 inch increments.	-5	2.5 inches		-6	3.0 inches																																								
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-5	2.5 inches																																																								
-6	3.0 inches																																																								

330FS001 WITH EXTERNAL NPT



Shell Size	A Thread UNEF-2B	ØB Max in	ØB Max mm
8/9	0.4375-28	.650	16.5
10/11	0.5625-24	.770	19.6
12/13	0.6875-24	.890	22.6
14/15	0.8125-20	1.020	25.9
16/17	0.9375-20	1.150	29.2
18/19	1.0625-18	1.230	31.2
20/21	1.1875-18	1.360	34.5
22/23	1.3125-18	1.480	37.6
24/25	1.4375-18	1.730	43.9

330FS002 WITH INTERNAL NPT



Size Code	NPT Size	E ±.015 (0.4) in	E ±.015 (0.4) mm	ØF ±.015 (0.4) in	ØF ±.015 (0.4) mm	ØG ±.015 (0.4) in	ØG ±.015 (0.4) mm
03	3/8	.593	15.1	.675	17.1	.875	22.2
04	1/2	.781	19.8	.840	21.3	1.000	25.4
05	3/4	.812	20.6	1.050	26.7	1.250	31.8
06	1	1.000	25.4	1.315	33.4	1.500	38.1
07	1 1/4	1.031	26.2	1.660	42.2	1.750	44.5
08	1 1/2	1.031	26.2	1.900	48.3	2.125	54.0
09	2	1.062	27.0	2.375	60.3	2.500	63.5



Series 33 NPT Adapters

for MIL-DTL-38999 Series III and IV Connectors

330HS001, 330HS002 NPT Adapter, Spin Coupling



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

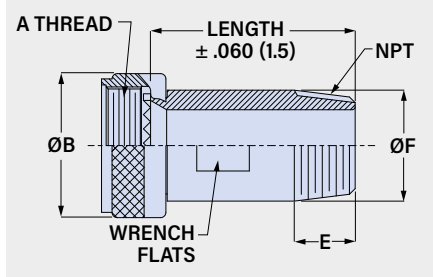
Spin coupling. NPT adapter fits MIL-DTL-38999 Series III and IV connectors. Adapter has tapered ANSI/ASME B1.20.1 National Pipe Threads. Aluminum or stainless steel.

PART NUMBER

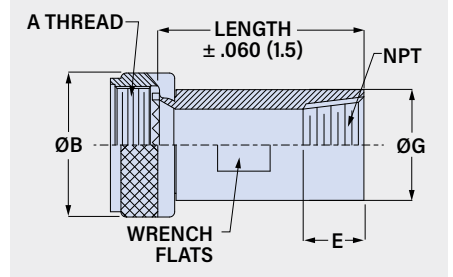
330HS001 M 17 06 -4

Base P/N	330HS001 External NPT 330HS002 Internal NPT																														
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated																														
Shell Size	<table border="1"> <tr> <td>Shell Size</td> <td>9</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td><td>25</td> </tr> <tr> <td></td> <td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>J</td> </tr> <tr> <td>Size Code</td> <td>09</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td><td>25</td> </tr> </table>	Shell Size	9	11	13	15	17	19	21	23	25		A	B	C	D	E	F	G	H	J	Size Code	09	11	13	15	17	19	21	23	25
Shell Size	9	11	13	15	17	19	21	23	25																						
	A	B	C	D	E	F	G	H	J																						
Size Code	09	11	13	15	17	19	21	23	25																						
NPT Size	<table border="1"> <tr> <td>Code</td> <td>NPT Size</td> </tr> <tr> <td>03</td> <td>3/8</td> </tr> <tr> <td>04</td> <td>1/2</td> </tr> <tr> <td>05</td> <td>3/4</td> </tr> <tr> <td>06</td> <td>1</td> </tr> <tr> <td>07</td> <td>1 1/4</td> </tr> <tr> <td>08</td> <td>1 1/2</td> </tr> <tr> <td>09</td> <td>2</td> </tr> </table>	Code	NPT Size	03	3/8	04	1/2	05	3/4	06	1	07	1 1/4	08	1 1/2	09	2														
Code	NPT Size																														
03	3/8																														
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Length	<table border="1"> <tr> <td>-3</td> <td>1.5 inches (NPT size 3/8 only)</td> </tr> <tr> <td>-4</td> <td>2.0 inches (NPT size 3/8 to 1)</td> </tr> <tr> <td>-5</td> <td>2.5 inches</td> </tr> <tr> <td>-6</td> <td>3.0 inches</td> </tr> </table> <p style="text-align: right;"><i>Length in 1/2 inch increments.</i></p>	-3	1.5 inches (NPT size 3/8 only)	-4	2.0 inches (NPT size 3/8 to 1)	-5	2.5 inches	-6	3.0 inches																						
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-4	2.0 inches (NPT size 3/8 to 1)																														
-5	2.5 inches																														
-6	3.0 inches																														

330HS001 WITH EXTERNAL NPT



330HS002 WITH INTERNAL NPT



Shell Size	A Thread	øB Max	
		in	mm
9 (A)	M12X1.0-6H	.770	19.6
11 (B)	M15X1.0-6H	.840	21.3
13 (C)	M18X1.0-6H	.960	24.4
15 (D)	M22X1.0-6H	1.090	27.7
17 (E)	M25X1.0-6H	1.230	31.2
19 (F)	M28X1.0-6H	1.360	34.5
21 (G)	M31X1.0-6H	1.480	37.6
23 (H)	M34X1.0-6H	1.600	40.6
25 (J)	M37X1.0-6H	1.720	43.7

Size Code	NPT Size	E		øF		øG	
		±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm
03	3/8	.593	15.1	.675	17.1	.875	22.2
04	1/2	.781	19.8	.840	21.3	1.000	25.4
05	3/4	.812	20.6	1.050	26.7	1.250	31.8
06	1	1.000	25.4	1.315	33.4	1.500	38.1
07	1 1/4	1.031	26.2	1.660	42.2	1.750	44.5
08	1 1/2	1.031	26.2	1.900	48.3	2.125	54.0
09	2	1.062	27.0	2.375	60.3	2.500	63.5

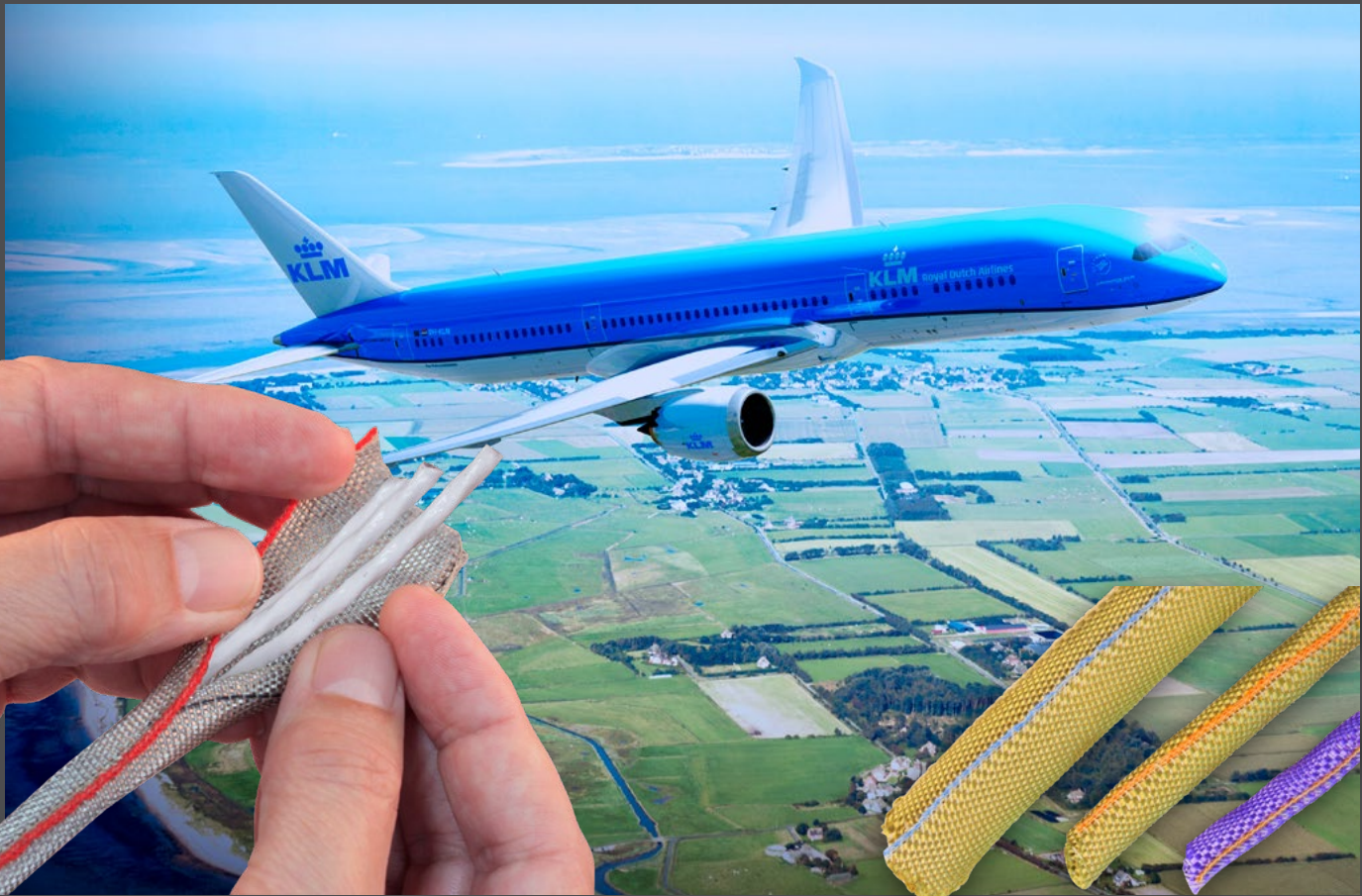
ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY

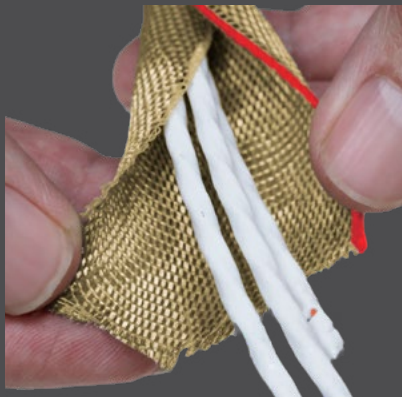


MasterWrap™

Flexible, lightweight wraparound
EMI/RFI shielding and abrasion
protection material



MasterWrap™, a lightweight, easy-to-install, side-entry, self-wrapping shielding solution—available in conductive ArmorLite™ and now in abrasion-resistant Nomex®—solves these problems and more. MasterWrap™ is ideally suited for both long-run wire harness protection as well as spot coverage and maintenance of EWIS cable applications—all with outstanding weight reduction and ease-of-assembly. MasterWrap™ ArmorLite™ and MasterWrap™ Nomex® are qualified for use at major aircraft manufacturers for long cable runs, spot coverage, and repairs.



MasterWrap™ (Nomex®) is the ideal solution for mechanical abrasion protection of wire bundle harnessing in aircraft applications. Available color selections allow for easy identification and labeling of wire circuitry.



Interwoven with high-temperature PEEK composite thermoplastic spring members ensure up to 95% optical / mechanical coverage

MASTERWRAP ARMORLITE

- Up to 70% weight reduction
- 500 hour salt spray corrosion resistance
- 50,000 cycle 90°–120° bend flex tested
- Temperature tolerant from -65°C to 200°C

MASTERWRAP NOMEX®

- Soft, abrasion resistant unbonded Nomex® yarn
- -60° to +240°C temperature range
- 90,000 PSI yield tensile strength
- Excellent chemical resistance; will not melt

Series 34 Shorting Cap Backshells

Selection Guide

Series 34 Shorting Cap Backshells



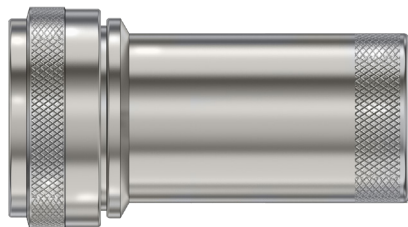
Series 34 Shorting Cap Backshells provide fully enclosed protection for shorting plugs and test connectors.

<p>Adapter Code A AS50151 crimp AS95234 MIL-DTL-26482 Ser. II MIL-DTL-83723 Ser. III</p>			
<p>Adapter Code B AS50151 Solder</p>		<p>Adapter Code G MIL-DTL-28840</p>	
<p>Adapter Code F MIL-DTL-38999 Series I and II</p>			
<p>Adapter Code H MIL-DTL-38999 Series III and IV</p>			
<p>Adapter Code M Series 80 Mighty Mouse</p>			
<p>Adapter Code V Series 806 Mil-Aero</p>			
	<p>Shorting Cap Backshell, Spin Coupling 340VS035 Page 34-16</p>		

Series 34 Shorting Cap Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

340AS001 Shorting Cap Backshell, Spin Coupling



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

ATTACHMENT TYPES

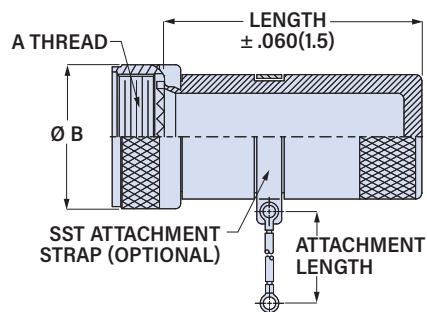
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
SK		Nylon Rope with Slip Knot Solid braided nylon cord, black, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Spin coupling. Shorting cap backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Tether shorting cap backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel.

PART NUMBER

340AS001 M 16 -2 F 12 -095

Base P/N	340AS001				
Material/Finish	M	Alum/ Electroless Nickel			
	MT	Alum/ Nickel-PTFE			
	NF	Alum/ Olive Drab Cadmium			
	ZR	Alum/ Black Zinc-Nickel			
	TZ	Alum/ Tin-Zinc			
	ZI	SST/ Passivated			
Shell Size	08	10	12	14	16
	18	20	22	24	28
	32	36	40		
Length	-2	1.0 inch	-6	3.0 inches	<i>Length in ½ inch increments.</i>
	-3	1.5 inches	-8	4.0 inches	
	-4	2.0 inches	-10	5.0 inches	
	-5	2.5 inches			
Attachment Type	N	No Attachment			
	C	Attachment Strap Only, No Lanyard			
	F	Wire Rope, Blue Nylon Jacket			
	G	Nylon Rope			
	H	Wire Rope, Clear FEP Jacket			
	S	Sash Chain			
	SK	Nylon Rope with Slip Knot			
	U	Wire Rope, Black Polyurethane Jacket			
Attachment Length	<i>Omit for Attachment Types C and N</i>				
	<i>Attachment Length in ½ inch increments. e.g., "11" = 5.5 inches.</i>				
Attachment Ring	<i>Omit for Attachment Types C, N and SK</i>				
	SMALL RING		LARGE RING		
	Code	Ring I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code
	E	.125 (3.2)	-095	.312 (7.9)	-109
	A	.140 (3.6)	-100	.391 (9.9)	-111
	B	.167 (4.2)	-101	.516 (13.1)	-113
	C	.182 (4.6)	-103	.641 (16.3)	-115
	D	.191 (4.9)	-105	.766 (19.5)	-117
	F	.218 (5.5)	-107	1.016 (25.8)	

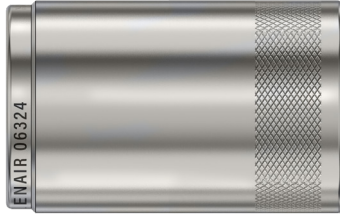


Shell Size	A Thread Class 2B	øB Max. in	øB Max. mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9
28	1.750-18 UNS	1.97	50.0
32	2.000-18 UNS	2.22	56.4
36	2.250-16 UN	2.47	62.7
40	2.500-16 UN	2.72	69.1

Series 34 Shorting Cap Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

340AS002 Shorting Cap Backshell, Direct Coupling



Direct coupling. Shorting cap backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel.

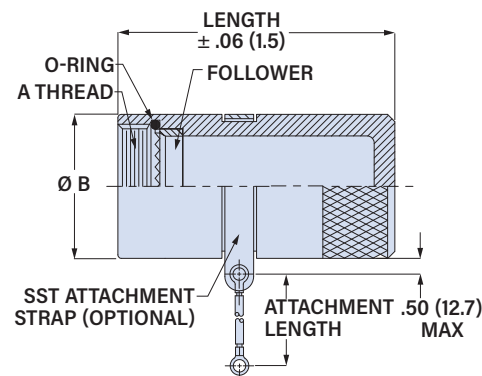
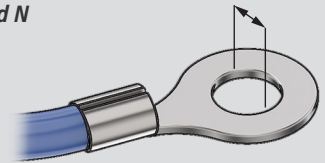
Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

ATTACHMENT TYPES

F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

340AS002	M	16	-2	F	12	A
Base P/N	340AS002					
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated					
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40					
Length	-2 1.0 inch -3 1.5 inches -4 2.0 inches -5 2.5 inches -6 3.0 inches <i>Length in ½ inch increments.</i>					
Attachment Type	N No Attachment C Attachment Strap Only, No Lanyard F Wire Rope, Blue Nylon Jacket G Nylon Rope H Wire Rope, Clear FEP Jacket S Sash Chain U Wire Rope, Black Polyurethane Jacket					
Attachment Length	<i>Omit for Attachment Types C and N</i> Attachment Length in ½ inch increments. "11" = 5.5 inches.					
Lanyard Ring I.D.	<i>Omit for Attachment Types C and N</i> E .125 (3.2) ± .010 (0.3) A .140 (3.6) ± .010 (0.3) B .167 (4.2) ± .010 (0.3) C .182 (4.6) ± .010 (0.3) D .191 (4.9) ± .010 (0.3) F .218 (5.5) ± .010 (0.3)					



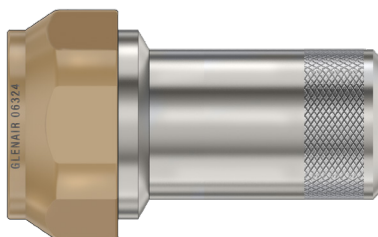
Shell Size	A Thread Class 2B	øB Max. in	øB Max. mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNF	.77	19.6
12	0.750-20 UNF	.97	24.6
14	0.875-20 UNF	1.09	27.7
16	1.000-20 UNF	1.22	31.0
18	1.0625-18 UNF	1.22	31.0
20	1.1875-18 UNF	1.34	34.0
22	1.3125-18 UNF	1.47	37.3
24	1.4375-18 UNF	1.59	40.4
28	1.750-18 UNS	1.97	50.0
32	2.000-18 UNS	2.28	57.9
36	2.250-16 UN	2.53	64.3
40	2.500-16 UN	2.78	70.6

Series 34 Shorting Cap Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

347A129 Shorting Cap Backshell, Composite, Self-Locking

Self-Locking



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

ATTACHMENT TYPES

F

Wire Rope, Blue Nylon Jacket
6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C

G

Nylon Rope
Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C

H

Wire Rope, Clear FEP Jacket
Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C

S

Sash Chain
#8 sash chain, stainless steel

U

Wire Rope, Black Polyurethane
Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Composite. Self-locking. Shorting cap backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Lightweight composite material resists corrosion. Tether backshell with optional attachment strap and lanyard. High performance thermoplastic. Attachment strap and hardware are passivated stainless steel.

PART NUMBER

347A129 XM 18 2 G 6 -05

Base P/N 347A129

Finish **XM** Electroless Nickel
XMT Nickel-PTFE *Coupling nut is unplated*
XW Olive Drab Cadmium

Shell Size 08 10 12 14 16 18 20 22 24

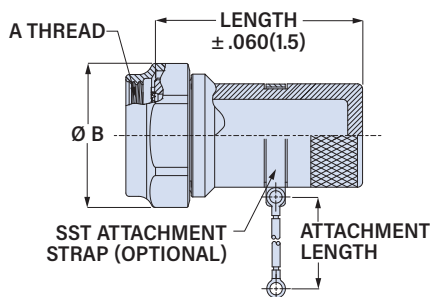
Length **2** 1.0 inch
3 1.5 inches
4 2.0 inches *Length in ½ inch increments*
5 2.5 inches
6 3.0 inches

Attachment Type
N No Attachment
C Attachment Strap Only, No Lanyard
F Wire Rope, Blue Nylon Jacket
G Nylon Rope
H Wire Rope, Clear FEP Jacket
S Sash Chain
U Wire Rope, Black Polyurethane Jacket

Attachment Length *Omit for Attachment Types C and N*
Attachment Length in ½ inch increments. e.g., "11" = 5.5 inches.

Omit for Attachment Types C and N

SMALL RING		LARGE RING			
Code	Ring I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-109	1.266 (32.2)
-01	.140 (3.6)	-100	.391 (9.9)	-111	1.521 (38.6)
-09	.156 (4.0)	-101	.516 (13.1)	-113	1.766 (44.9)
-05	.167 (4.2)	-103	.641 (16.3)	-115	2.078 (52.8)
-02	.182 (4.6)	-105	.766 (19.5)	-117	2.510 (63.8)
-03	.191 (4.9)	-107	1.016 (25.8)		
-07	.218 (5.5)				



Shell Size	A Thread Class 2B	øB Max. in	øB Max. mm
08	0.500-20 UNF	.86	21.8
10	0.625-24 UNEF	.98	24.9
12	0.750-20 UNEF	1.16	29.5
14	0.875-20 UNEF	1.28	32.5
16	1.000-20 UNEF	1.41	35.8
18	1.0625-18 UNEF	1.52	38.6
20	1.1875-18 UNEF	1.64	41.7
22	1.3125-18 UNEF	1.77	45.0
24	1.4375-18 UNEF	1.89	48.0

Series 34 Shorting Cap Backshells

for AS50151 Solder Connectors

340BS002 Shorting Cap Backshell, Direct Coupling



Direct coupling. Shorting cap backshell fits AS50151 (MS3100) solder connectors. Backshell includes universal thread adapters as required to assure compatibility with all connector manufacturers. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel. Silicone O-ring.

Adapter Code B

Fits AS50151 Series 1 AN Type solder Connectors . AS310*1, MS3100.

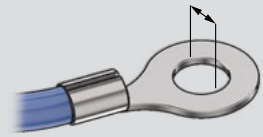
ATTACHMENT TYPES

F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

340BS002 M 15 -2 F 12 A A

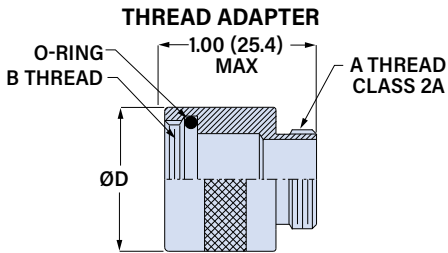
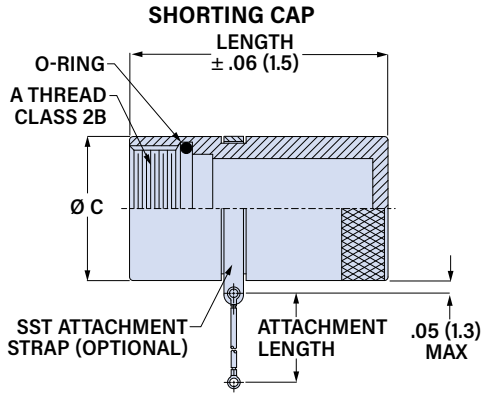
Base P/N	340BS002																																	
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated																																	
Shell Size	<table border="1"> <thead> <tr> <th>Code</th> <th>Shell Size</th> <th>Code</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr> <td>05</td> <td>10S</td> <td>20</td> <td>22</td> </tr> <tr> <td>08</td> <td>10SL</td> <td>21</td> <td>24</td> </tr> <tr> <td>11</td> <td>12, 12S</td> <td>22</td> <td>28</td> </tr> <tr> <td>14</td> <td>14, 14S</td> <td>23</td> <td>32</td> </tr> <tr> <td>15</td> <td>16, 16S</td> <td>26</td> <td>36</td> </tr> <tr> <td>16</td> <td>18</td> <td>31</td> <td>40</td> </tr> <tr> <td>17</td> <td>20</td> <td></td> <td></td> </tr> </tbody> </table>	Code	Shell Size	Code	Shell Size	05	10S	20	22	08	10SL	21	24	11	12, 12S	22	28	14	14, 14S	23	32	15	16, 16S	26	36	16	18	31	40	17	20			
Code	Shell Size	Code	Shell Size																															
05	10S	20	22																															
08	10SL	21	24																															
11	12, 12S	22	28																															
14	14, 14S	23	32																															
15	16, 16S	26	36																															
16	18	31	40																															
17	20																																	
Length	-2 1.0 inch -3 1.5 inches -4 2.0 inches -5 2.5 inches -6 3.0 inches	Length in ½ inch increments.																																
Attachment Type	N No Attachment C Attachment Strap Only, No Lanyard F Wire Rope, Blue Nylon Jacket G Nylon Rope H Wire Rope, Clear FEP Jacket S Sash Chain U Wire Rope, Black Polyurethane Jacket																																	
Attachment Length	Omit for Attachment Types C and N Attachment Length in ½ inch increments. "11" = 5.5 inches.																																	
Lanyard Ring I.D.	Omit for Attachment Types C and N E .125 (3.2) ± .010 (0.3) A .140 (3.6) ± .010 (0.3) B .167 (4.2) ± .010 (0.3) C .182 (4.6) ± .010 (0.3) D .191 (4.9) ± .010 (0.3) F .218 (5.5) ± .010 (0.3)																																	
Connector Manufacturer Code	A Universal	Compatible with all manufacturers. Includes additional thread adapter(s) as necessary to fit multiple manufacturers. See following page for thread adapter details.																																



Series 34 Shorting Cap Backshells

for AS50151 Solder Connectors

340BS002 Shorting Cap Backshell, Direct Coupling



Shell Size Code	Shell Size	A		B		øC Max		øD Max	
		Main Backshell Class 2B	Thread Adapter Class 2B	in	mm	in	mm		
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4		
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4		
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6		
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A		
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A		
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A		
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3		
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A		
21	24	1.3750-18 UNEF	N/A	1.468	37.3	N/A	N/A		
22	28	1.6250-18 UNEF	N/A	1.593	40.5	N/A	N/A		
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4		
26	36	2.1250-16 UN	2.0625-16 UNS 2.0625-20 UNEF 2.1250-18 UNS	2.375	60.3	2.312	58.7		
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1		

Series 34 Shorting Cap Backshells

for MIL-DTL-38999 Series I and II Connectors

340FS001 Shorting Cap Backshell, Spin Coupling



Spin coupling. Shorting cap backshell fits MIL-DTL-38999 Series I and II connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel. Silicone O-ring.

Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

ATTACHMENT TYPES

F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
SK		Nylon Rope with Slip Knot Solid braided nylon cord, black, very flexible, very good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) dia. loop, 55 to +100 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

340FS001	M	16	-2	F	12	-095
Base P/N	340FS001					

Material/Finish	M	Alum/ Electroless Nickel
	MT	Alum/ Nickel-PTFE
	NF	Alum/ Olive Drab Cadmium
	ZR	Alum/ Black Zinc-Nickel
	TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated	

Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24

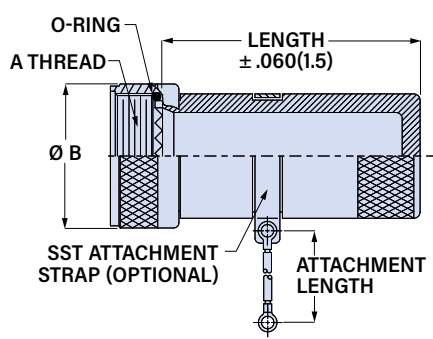
Length	-2	1.0 inch	-6	3.0 inches	Length in 1/2 inch increments.
	-3	1.5 inches	-8	4.0 inches	
	-4	2.0 inches	-10	5.0 inches	
	-5	2.5 inches			

Attachment Type	N	No Attachment
	C	Attachment Strap Only, No Lanyard
	F	Wire Rope, Blue Nylon Jacket
	G	Nylon Rope
	H	Wire Rope, Clear FEP Jacket
	S	Sash Chain
SK	Nylon Rope with Slip Knot	
U	Wire Rope, Black Polyurethane Jacket	

Attachment Length Omit for Attachment Types C and N
Attachment Length in 1/2 inch increments. e.g., "11" = 5.5 inches.

Omit for Attachment Types C, N and SK

SMALL RING		LARGE RING		
Code	Ring I.D.	Code	Ring I.D.	Ring I.D.
	± .010 (0.3)		± .015 (0.4)	± .015 (0.4)
E	.125 (3.2)	-095	.312 (7.9)	-109 1.266 (32.2)
A	.140 (3.6)	-100	.391 (9.9)	-111 1.521 (38.6)
B	.167 (4.2)	-101	.516 (13.1)	-113 1.766 (44.9)
C	.182 (4.6)	-103	.641 (16.3)	-115 2.078 (52.8)
D	.191 (4.9)	-105	.766 (19.5)	-117 2.510 (63.8)
F	.218 (5.5)	-107	1.016 (25.8)	



Shell Size	A Thread UNEF-2B	øB Max in	øB Max mm
8/9	0.4375-28	.650	16.5
10/11	0.5625-24	.770	19.6
12/13	0.6875-24	.890	22.6
14/15	0.8125-20	1.020	25.9
16/17	0.9375-20	1.150	29.2
18/19	1.0625-18	1.230	31.2
20/21	1.1875-18	1.360	34.5
22/23	1.3125-18	1.480	37.6
24/25	1.4375-18	1.730	43.9

Series 34 Shorting Cap Backshells

for MIL-DTL-38999 Series I and II Connectors

340FS002 Shorting Cap Backshell, Direct Coupling



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

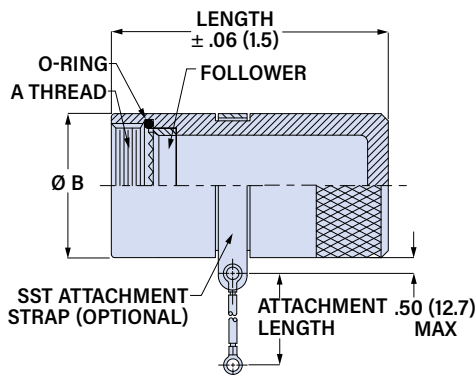
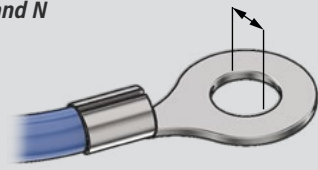
ATTACHMENT TYPES

F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Direct coupling. Shorting cap backshell fits MIL-DTL-38999 Series I and II connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel.

PART NUMBER

340FS002	M	16	-2	F	12	A																																					
Base P/N	340FS002																																										
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated																																										
Shell Size	<table border="1"> <tr> <td></td> <td colspan="6">Shell Size</td> </tr> <tr> <td>38999 Series I</td> <td>9</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> <tr> <td>38999 Series II</td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> <tr> <td>Size Code</td> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> </table>							Shell Size						38999 Series I	9	11	13	15	17	19	21	23	25	38999 Series II	8	10	12	14	16	18	20	22	24	Size Code	08	10	12	14	16	18	20	22	24
	Shell Size																																										
38999 Series I	9	11	13	15	17	19	21	23	25																																		
38999 Series II	8	10	12	14	16	18	20	22	24																																		
Size Code	08	10	12	14	16	18	20	22	24																																		
Length	-2 1.0 inch -3 1.5 inches -4 2.0 inches -5 2.5 inches -6 3.0 inches <i>Length in ½ inch increments.</i>																																										
Attachment Type	N No Attachment C Attachment Strap Only, No Lanyard F Wire Rope, Blue Nylon Jacket G Nylon Rope H Wire Rope, Clear FEP Jacket S Sash Chain U Wire Rope, Black Polyurethane Jacket																																										
Attachment Length	<i>Omit for Attachment Types C and N</i> Attachment Length in ½ inch increments. "11" = 5.5 inches.																																										
Lanyard Ring I.D.	<i>Omit for Attachment Types C and N</i> E .125 (3.2) ± .010 (0.3) A .140 (3.6) ± .010 (0.3) B .167 (4.2) ± .010 (0.3) C .182 (4.6) ± .010 (0.3) D .191 (4.9) ± .010 (0.3) F .218 (5.5) ± .010 (0.3)																																										



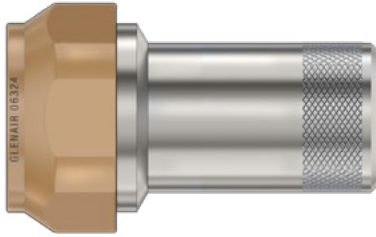
Shell Size	A Thread UNEF-2B	øB Max in	øB Max mm
8/9	0.4375-28	.59	15.0
10/11	0.5625-24	.72	18.3
12/13	0.6875-24	.84	21.3
14/15	0.8125-20	.97	24.6
16/17	0.9375-20	1.09	27.7
18/19	1.0625-18	1.22	31.0
20/21	1.1875-18	1.34	34.0
22/23	1.3125-18	1.47	37.3
24/25	1.4375-18	1.59	40.4

Series 34 Shorting Cap Backshells

for MIL-DTL-38999 Series I and II Connectors

347F129 Shorting Cap Backshell, Composite, Self-Locking

Self-Locking



Composite. Self-locking. Shorting cap backshell fits MIL-DTL-38999 Series I and II connectors. Lightweight composite material resists corrosion. Tether backshell with optional attachment strap and lanyard. High performance thermoplastic. Attachment strap and hardware are passivated stainless steel, silicone O-ring.

PART NUMBER

347F129 XM 12 3 H 7 -06

Base P/N 347F129

Finish
XM Electroless Nickel
XMT Nickel-PTFE
XW Olive Drab Cadmium
Coupling nut is unplated

Shell Size	Shell Size									
	38999 Series I			38999 Series II						
	9	11	13	15	17	19	21	23	25	
	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24

Length
2 1.0 inch
3 1.5 inches
4 2.0 inches
5 2.5 inches
6 3.0 inches
Length in 1/2 inch increments

Attachment Type
N No Attachment
C Attachment Strap Only, No Lanyard
F Wire Rope, Blue Nylon Jacket
G Nylon Rope
H Wire Rope, Clear FEP Jacket
S Sash Chain
U Wire Rope, Black Polyurethane Jacket

Attachment Length
Omit for Attachment Types C and N
Attachment Length in 1/2 inch increments. e.g., "11" = 5.5 inches.

Omit for Attachment Types C and N

SMALL RING		LARGE RING			
Code	Ring I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-109	1.266 (32.2)
-01	.140 (3.6)	-100	.391 (9.9)	-111	1.521 (38.6)
-09	.156 (4.0)	-101	.516 (13.1)	-113	1.766 (44.9)
-05	.167 (4.2)	-103	.641 (16.3)	-115	2.078 (52.8)
-02	.182 (4.6)	-105	.766 (19.5)	-117	2.510 (63.8)
-03	.191 (4.9)	-107	1.016 (25.8)		
-07	.218 (5.5)				

Adapter Code **F**

This accessory fits these connectors:
 MIL-DTL-38999 Series I and Series II

ATTACHMENT TYPES

F

Wire Rope, Blue Nylon Jacket
 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C

G

Nylon Rope
 Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C

H

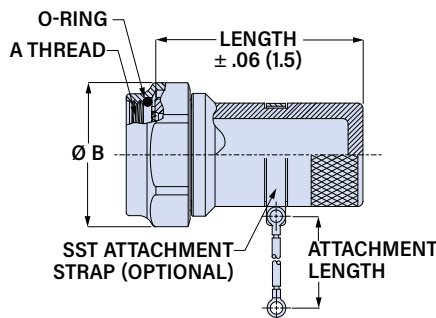
Wire Rope, Clear FEP Jacket
 Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C

S

Sash Chain
 #8 sash chain, stainless steel

U

Wire Rope, Black Polyurethane
 Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C



Shell Size	A Thread UNEF-2B	øB Max in mm
8/9	0.4375-28	.86 21.8
10/11	0.5625-24	.98 24.9
12/13	0.6875-24	1.16 29.5
14/15	0.8125-20	1.28 32.5
16/17	0.9375-20	1.41 35.8
18/19	1.0625-18	1.52 38.6
20/21	1.1875-18	1.64 41.7
22/23	1.3125-18	1.77 45.0
24/25	1.4375-18	1.89 48.0

Series 34 Shorting Cap Backshells

for MIL-DTL-38999 Series III and IV Connectors

340HS001 Shorting Cap Backshell, Spin Coupling



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

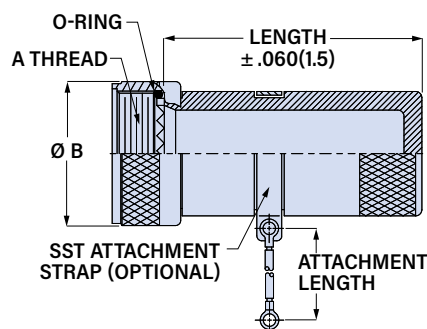
ATTACHMENT TYPES

F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
SK		Nylon Rope with Slip Knot Solid braided nylon cord, black, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) dia. loop, 55 to +100 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Spin coupling. Shorting cap backshell fits MIL-DTL-38999 Series III and IV connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel. Silicone O-ring.

PART NUMBER

PART NUMBER		340HS001	NF	17	-3	H	10	A		
Base P/N	340HS001									
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Length	-2	1.0 inch		-6		3.0 inches		Length in 1/2 inch increments.		
	-3	1.5 inches		-8		4.0 inches				
	-4	2.0 inches		-10		5.0 inches				
	-5	2.5 inches								
	Attachment Type	N No Attachment C Attachment Strap Only, No Lanyard F Wire Rope, Blue Nylon Jacket G Nylon Rope H Wire Rope, Clear FEP Jacket S Sash Chain SK Nylon Rope with Slip Knot U Wire Rope, Black Polyurethane Jacket								
Attachment Length	Omit for Attachment Types C and N Attachment Length in 1/2 inch increments. e.g., "11" = 5.5 inches.									
Attachment Ring	Omit for Attachment Types C, N and SK				SMALL RING		LARGE RING			
	Code	Ring I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
	E	.125 (3.2)	-095	.312 (7.9)	-109	1.266 (32.2)				
	A	.140 (3.6)	-100	.391 (9.9)	-111	1.521 (38.6)				
	B	.167 (4.2)	-101	.516 (13.1)	-113	1.766 (44.9)				
	C	.182 (4.6)	-103	.641 (16.3)	-115	2.078 (52.8)				
	D	.191 (4.9)	-105	.766 (19.5)	-117	2.510 (63.8)				
	F	.218 (5.5)	-107	1.016 (25.8)						



Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.770	19.6
11 (B)	M15X1.0-6H	.840	21.3
13 (C)	M18X1.0-6H	.960	24.4
15 (D)	M22X1.0-6H	1.090	27.7
17 (E)	M25X1.0-6H	1.230	31.2
19 (F)	M28X1.0-6H	1.360	34.5
21 (G)	M31X1.0-6H	1.480	37.6
23 (H)	M34X1.0-6H	1.600	40.6
25 (J)	M37X1.0-6H	1.720	43.7

Series 34 Shorting Cap Backshells

for MIL-DTL-38999 Series III and IV Connectors

340HS002 Shorting Cap Backshell, Direct Coupling



Direct coupling. Shorting cap backshell fits MIL-DTL-38999 Series III and IV connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel. Silicone O-ring.

PART NUMBER

340HS002 ZR 17 -4 H 10 C

Base P/N 340HS002

Material/Finish

- M** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc
- ZI** SST/ Passivated

Shell Size

Shell Size	9	11	13	15	17	19	21	23	25
	A	B	C	D	E	F	G	H	J
Size Code	09	11	13	15	17	19	21	23	25

Length

- 2** 1.0 inch
 - 3** 1.5 inches
 - 4** 2.0 inches
 - 5** 2.5 inches
 - 6** 3.0 inches
- Length in 1/2 inch increments.*

Attachment Type

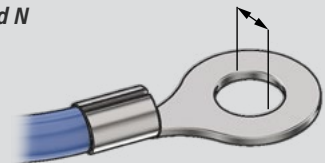
- N** No Attachment
- C** Attachment Strap Only, No Lanyard
- F** Wire Rope, Blue Nylon Jacket
- G** Nylon Rope
- H** Wire Rope, Clear FEP Jacket
- S** Sash Chain
- U** Wire Rope, Black Polyurethane Jacket

Attachment Length

Omit for Attachment Types C and N
Attachment Length in 1/2 inch increments. "11" = 5.5 inches.

Lanyard Ring I.D.

- Omit for Attachment Types C and N*
- A** .125 (3.2) ± .010 (0.3)
 - A** .140 (3.6) ± .010 (0.3)
 - B** .167 (4.2) ± .010 (0.3)
 - C** .182 (4.6) ± .010 (0.3)
 - D** .191 (4.9) ± .010 (0.3)
 - F** .218 (5.5) ± .010 (0.3)



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

ATTACHMENT TYPES

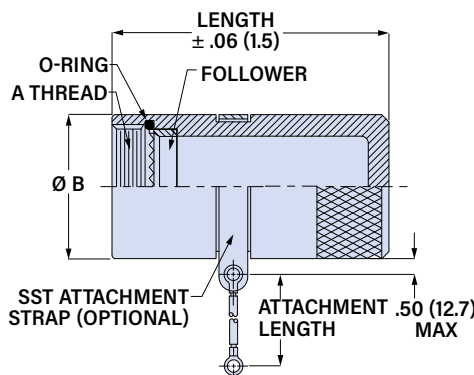
F **Wire Rope, Blue Nylon Jacket**
6/6 nylon over stainless steel rope, stainless steel ring terminal, very flexible, good abrasion resistance, -55 to +100 °C

G **Nylon Rope**
Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C

H **Wire Rope, Clear FEP Jacket**
Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C

S **Sash Chain**
#8 sash chain, stainless steel

U **Wire Rope, Black Polyurethane**
Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C



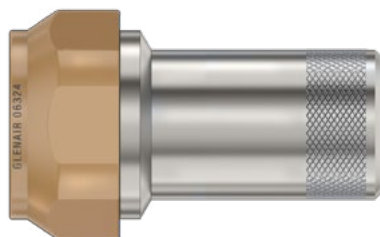
Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.65	16.5
11 (B)	M15X1.0-6H	.77	19.6
13 (C)	M18X1.0-6H	.89	22.6
15 (D)	M22X1.0-6H	1.03	26.2
17 (E)	M25X1.0-6H	1.15	29.2
19 (F)	M28X1.0-6H	1.28	32.5
21 (G)	M31X1.0-6H	1.41	35.8
23 (H)	M34X1.0-6H	1.53	38.9
25 (J)	M37X1.0-6H	1.66	42.2

Series 34 Shorting Cap Backshells

for MIL-DTL-38999 Series III and IV Connectors

347H129 Shorting Cap Backshell, Composite, Self-Locking

Self-Locking



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

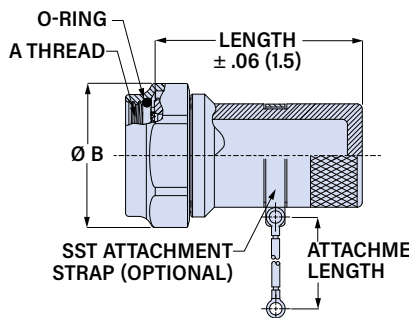
ATTACHMENT TYPES

F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Composite. Self-locking. Shorting cap backshell fits MIL-DTL-38999 Series III and IV connectors. Lightweight composite material resists corrosion. Tether backshell with optional attachment strap and lanyard. High performance thermoplastic. Attachment strap and hardware are passivated stainless steel, silicone O-ring.

PART NUMBER

		347H129	XM 13	3	U	7	-01			
Base P/N	347H129									
Finish	XM Electroless Nickel XMT Nickel-PTFE XW Olive Drab Cadmium	<i>Coupling nut is unplated</i>								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
		A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25
Length	2 1.0 inch 3 1.5 inches 4 2.0 inches 5 2.5 inches 6 3.0 inches	<i>Length in ½ inch increments</i>								
Attachment Type	N No Attachment C Attachment Strap Only, No Lanyard F Wire Rope, Blue Nylon Jacket G Nylon Rope H Wire Rope, Clear FEP Jacket S Sash Chain U Wire Rope, Black Polyurethane Jacket									
Attachment Length	<i>Omit for Attachment Types C and N</i> <i>Attachment Length in ½ inch increments. e.g., "11" = 5.5 inches.</i>									
Attachment Ring	<i>Omit for Attachment Types C and N</i>									
	SMALL RING					LARGE RING				
	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
	-06	± .010 (0.3)	-095	± .015 (0.4)	-109	± .015 (0.4)	-109	± .015 (0.4)	-109	± .015 (0.4)
	-01	.125 (3.2)	-100	.312 (7.9)	-111	1.266 (32.2)	-111	1.266 (32.2)	-111	1.266 (32.2)
	-09	.140 (3.6)	-101	.391 (9.9)	-113	1.521 (38.6)	-113	1.521 (38.6)	-113	1.521 (38.6)
	-05	.156 (4.0)	-101	.516 (13.1)	-113	1.766 (44.9)	-113	1.766 (44.9)	-113	1.766 (44.9)
	-02	.167 (4.2)	-103	.641 (16.3)	-115	2.078 (52.8)	-115	2.078 (52.8)	-115	2.078 (52.8)
	-03	.182 (4.6)	-105	.766 (19.5)	-117	2.510 (63.8)	-117	2.510 (63.8)	-117	2.510 (63.8)
	-07	.191 (4.9)	-107	1.016 (25.8)						
		.218 (5.5)								



Shell Size	A Thread	øB Max in	mm
9 (A)	M12X1.0-6H	.86	21.8
11 (B)	M15X1.0-6H	.98	24.9
13 (C)	M18X1.0-6H	1.16	29.5
15 (D)	M22X1.0-6H	1.28	32.5
17 (E)	M25X1.0-6H	1.41	35.8
19 (F)	M28X1.0-6H	1.52	38.6
21 (G)	M31X1.0-6H	1.64	41.7
23 (H)	M34X1.0-6H	1.77	45.0
25 (J)	M37X1.0-6H	1.89	48.0

Series 34 Shorting Cap Backshells

for MIL-DTL-28840 Connectors

340GS001 Shorting Cap Backshell, Spin Coupling



Adapter Code **G**

This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

ATTACHMENT TYPES

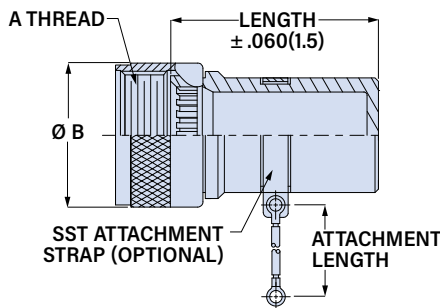
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
SK		Nylon Rope with Slip Knot Solid braided nylon cord, black, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) dia. loop, 55 to +100 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Spin coupling. Shorting cap backshell fits MIL-DTL-28840 connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel.

PART NUMBER

340GS001 NF 29 -3 H 10 A

Base P/N	340GS001																	
Material/Finish	M	Alum/Electroless Nickel	NF	Alum/Cadmium, Olive Drab	ZR	Alum/Black Zinc-Nickel	TZ	Alum/Tin-Zinc	ZI	SST/Passivated	ZU	SST/Cadmium, Black	ZTZ	SST/Tin-Zinc				
Shell Size	Shell Size	11	13	15	17	19	23	25	29	33								
		A	B	C	D	E	F	G	H	J								
	Size Code	11	13	15	17	19	23	25	29	33								
Length		-2	1.0 inch	-6	3.0 inches							<i>Length in 1/2 inch increments.</i>						
		-3	1.5 inches	-8	4.0 inches													
		-4	2.0 inches	-10	5.0 inches													
		-5	2.5 inches															
Attachment Type		N	No Attachment	C	Attachment Strap Only, No Lanyard	F	Wire Rope, Blue Nylon Jacket	G	Nylon Rope	H	Wire Rope, Clear FEP Jacket	S	Sash Chain	SK	Nylon Rope with Slip Knot	U	Wire Rope, Black Polyurethane Jacket	
Attachment Length	<i>Omit for Attachment Types C and N</i>																	
	<i>Attachment Length in 1/2 inch increments. e.g., "11" = 5.5 inches.</i>																	
Attachment Ring	<i>Omit for Attachment Types C, N and SK</i>																	
	SMALL RING								LARGE RING									
	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
		± .010 (0.3)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)
	E	.125 (3.2)	-095	.312 (7.9)	-109	1.266 (32.2)	A	.140 (3.6)	-100	.391 (9.9)	-111	1.521 (38.6)	B	.167 (4.2)	-101	.516 (13.1)	-113	1.766 (44.9)
	C	.182 (4.6)	-103	.641 (16.3)	-115	2.078 (52.8)	D	.191 (4.9)	-105	.766 (19.5)	-117	2.510 (63.8)	F	.218 (5.5)	-107	1.016 (25.8)		



Size Code	Shell Size	A Thread Class 2B	øB Max. in	øB Max. mm
11	A (11)	.750-20 UNEF	.94	23.9
13	B (13)	.875-20 UNEF	1.07	27.7
15	C (15)	1.000-20 UNEF	1.21	30.7
17	D (17)	1.125-18 UNEF	1.41	35.7
19	E (19)	1.250-18 UNEF	1.53	38.9
23	F (23)	1.438-18 UNEF	1.73	43.9
25	G (25)	1.562-18 UNEF	1.82	46.3
29	H (29)	1.875-16 UN	2.14	54.4
33	J (33)	2.062-16 UNS	2.33	59.1

Series 34 Shorting Cap Backshells

for Series 80 Mighty Mouse Connectors

340MS001 Shorting Cap Backshell, Spin Coupling



Spin coupling. Shorting cap backshell fits Series 80 Mighty Mouse connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel. Silicone O-ring.

Adapter Code **M**

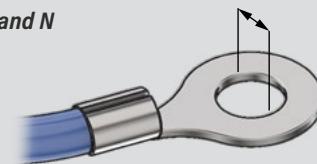
This accessory fits Series 80 Mighty Mouse Connectors

ATTACHMENT TYPES

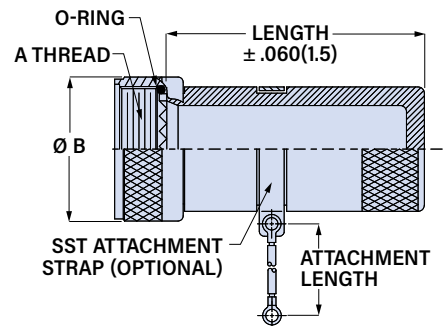
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	340MS001	M	16	-2	F	10	A
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated						
Shell Size	05 06 07 08 09 10 11 12 13 14 15 16 17 See table below						
Length	-2 1.0 inch -3 1.5 inches -4 2.0 inches -5 2.5 inches -6 3.0 inches -8 4.0 inches Length in 1/2 inch increments.						
Attachment Type	N No Attachment C Attachment Strap Only, No Lanyard F Wire Rope, Blue Nylon Jacket G Nylon Rope H Wire Rope, Clear FEP Jacket S Sash Chain U Wire Rope, Black Polyurethane Jacket						
Attachment Length	Omit for Attachment Types C and N Attachment Length in 1/2 inch increments. e.g., "11" = 5.5 inches.						
Lanyard Ring I.D.	Omit for Attachment Types C and N E .125 (3.2) ± .010 (0.3) A .140 (3.6) ± .010 (0.3) B .167 (4.2) ± .010 (0.3) C .182 (4.6) ± .010 (0.3) D .191 (4.9) ± .010 (0.3) F .218 (5.5) ± .010 (0.3)						



Shell Size Code	Series		A Thread UNEF-2B	øB Max. in	øB Max. mm
	800, 801, 803, 804	805			
05	5	N/A	0.250-32	.470	11.9
06	6	N/A	0.3125-32	.530	13.5
11	N/A	8	0.3750-32	.570	14.5
07	7	9	0.4375-28	.637	16.2
08	8	10	0.500-28	.700	17.8
09	9	11	0.5625-24	.758	19.3
10	10	12	0.625-24	.819	20.8
12	11, 12, 13	13	0.6875-24	.896	22.8
13	N/A	15	0.750-20	.930	23.6
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9
16	19	21	1.0625-18	1.230	31.2
17	21	23	1.1875-18	1.387	35.2



Series 34 Shorting Cap Backshells

for Series 80 Mighty Mouse Connectors

340MS026 Shorting Cap Backshell, Low Profile, Direct Coupling



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

ATTACHMENT TYPES

G **Nylon Rope**
Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C

H **Wire Rope, Clear FEP Jacket**
Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C

S **Sash Chain**
#8 sash chain, stainless steel

SK **Nylon Rope with Slip Knot**
Solid braided nylon cord, black, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) dia. loop, 55 to +100 °C

U **Wire Rope, Black Polyurethane**
Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

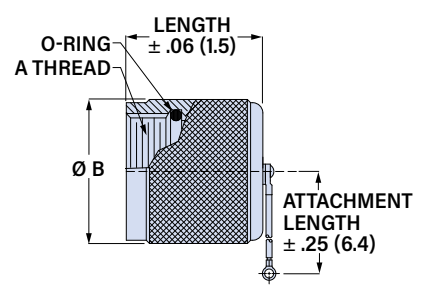
Direct coupling, low profile. Shorting cap backshell fits Series 80 Mighty Mouse connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel. Silicone O-ring.

PART NUMBER

340MS026 ZR H 07 -6 02 -6

Base P/N	340MS026					
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated					
Attachment Type	N No Attachment G Nylon Rope H Wire Rope, Clear FEP Jacket S Sash Chain SK Nylon Rope with Slip Knot U Wire Rope, Black Polyurethane Jacket					
Shell Size	05 06 07 08 09 10 11 12 13 14 15 16 17 <i>See table below</i>					
Length	-4 .50 inch -5 .75 inch -6 1.00 inch -7 1.25 inch	-8 1.50 inch -10 2.00 inch -12 2.50 inch -14 3.00 inch	<i>Length in .25 inch increments</i>			
Attachment Code <i>Omit for Attachment Types N and SK.</i>	SMALL SOLID RING		LARGE SOLID RING		LARGE SPLIT RING	
	Code	Ring I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
	01	.126 (3.2)	14	.385 (9.8)	50	.425 (10.8)
	02	.145 (3.7)	15	.445 (11.3)	52	.485 (12.3)
	04	.188 (4.8)	16	.570 (14.5)	54	.640 (16.3)
	06	.197 (5.0)	17	.635 (16.1)	56	.750 (19.1)
	TIEDOWN STRAP		18	.695 (17.7)	58	.890 (22.6)
		19	.885 (22.5)	60	1.015 (25.8)	
	Self-clinching nylon WS Strap	20	1.070 (27.2)	62	1.095 (27.8)	
	21	1.135 (28.8)	64	1.130 (28.7)		
	22	1.210 (30.7)	66	1.250 (31.8)		
	33	.510 (13.0)				
Attachment Length	<i>Omit for Attachment Type N</i> <i>Attachment Length in inches. e.g., "-6" = 6 inches.</i>					

Shell Size Code	Shell Size		A Thread	øB Max. in	øB Max. mm
	Series 800, 801, 803, 804	Series 805			
05	5	N/A	0.250-32	.350	8.9
06	6	N/A	0.3125-32	.415	10.5
11	N/A	8	0.3750-32	.465	11.8
07	7	9	0.4375-28	.530	13.5
08	8	10	0.500-28	.595	15.1
09	9	11	0.5625-24	.650	16.5
10	10	12	0.625-24	.715	18.2
12	11, 12, 13	13	0.6875-24	.785	19.9
13	N/A	15	0.750-20	.830	21.1
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9
16	19	21	1.0625-18	1.155	29.3
17	21	23	1.1875-18	1.270	32.3



Series 34 Shorting Cap Backshells

for Series 806 Mil-Aero Connectors

340VS035 Shorting Cap Backshell, Spin Coupling



Adapter Code **V**

This accessory fits Glenair Series 806 MilAero Connectors

ATTACHMENT TYPES

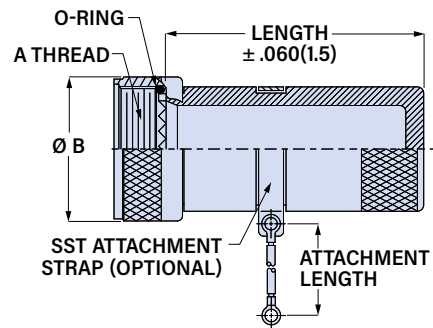
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Nylon Rope Solid braided nylon cord, black, stainless steel ring terminal, very flexible, good abrasion resistance, good resistance to fuels, .120" (3mm) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, stainless steel ring terminal, fair flexibility, good abrasion resistance, .100" diameter, -55 to +200 °C
S		Sash Chain #8 sash chain, stainless steel
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, stainless steel ring terminal, very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Spin coupling. Shorting cap backshell fits Series 806 Mil-Aero connectors. Tether backshell with optional attachment strap and lanyard. Aluminum or stainless steel. Attachment strap and hardware are passivated stainless steel. Silicone O-ring.

PART NUMBER

Base P/N	340VS035											
Material/Finish	M	Alum/ Electroless Nickel										
	MT	Alum/ Nickel-PTFE										
	NF	Alum/ Olive Drab Cadmium										
	ZR	Alum/ Black Zinc-Nickel										
	TZ	Alum/ Tin-Zinc										
	ZI	SST/ Passivated										
Shell Size	08	09	10	11	12	14	16	18	20	22	24	
Length	-3	.75 inch	-6	1.50 inch	-8	2.00 inch	-10	2.50 inch	-12	3.00 inch	Length in .25 inch increments	
	-4	1.00 inch	-10	2.50 inch	-12	3.00 inch						
	-5	1.25 inch										
Attachment Type	N	No Attachment										
	C	Attachment Strap Only, No Lanyard										
	F	Wire Rope, Blue Nylon Jacket										
	G	Nylon Rope										
	H	Wire Rope, Clear FEP Jacket										
	S	Sash Chain										
	U	Wire Rope, Black Polyurethane Jacket										
Attachment Length	Omit for Attachment Types C and N Attachment Length in 1/2 inch increments. e.g., "11" = 5.5 inches.											
Lanyard Ring	Omit for Attachment Types C and N											
	SMALL RING					LARGE RING						
	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
		± .010 (0.3)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		± .015 (0.4)
	-04	.126 (3.2)	-12	.423 (10.7)	-32	.950 (24.1)	-06	.145 (3.7)	-14	.481 (12.2)	-34	1.015 (25.8)
	-08	.188 (4.8)	-16	.560 (14.2)	-36	1.070 (27.2)	-10	.197 (5.0)	-18	.600 (15.2)	-38	1.135 (28.8)
					-20	.635 (16.1)	-12	.635 (16.1)	-22	.695 (17.7)	-40	1.210 (30.7)
					-24	.715 (18.2)	-14	.715 (18.2)	-26	.766 (19.5)	-42	1.275 (32.4)
					-28	.845 (21.5)	-16	.845 (21.5)	-30	.885 (22.5)	-44	1.380 (35.1)
							-18	.885 (22.5)			-46	1.470 (37.3)
											-48	1.625 (41.3)

Shell Size	A Thread ISO Metric	øB Max. in	mm
08	M10 x 1.0-6H	.570	14.5
09	M12 x 1.0-6H	.650	16.5
10	M14 x 1.0-6H	.750	19.1
11	M15 x 1.0-6H	.790	20.1
12	M17 x 1.0-6H	.870	22.1
14	M19 x 1.0-6H	.950	24.1
16	M22 x 1.0-6H	1.070	27.2
18	M25 x 1.0-6H	1.180	30.0
20	M28 x 1.0-6H	1.300	33.0
22	M31 x 1.0-6H	1.420	36.1
24	M34 x 1.0-6H	1.540	39.1



Series 36 Strain Relief Backshells

Selection Guide

Series 36 Strain Relief Backshells



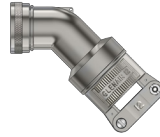
Series 36 Strain Relief Backshells are compatible with mil spec circular electrical connectors. Use with unshielded jacketed cable. Non-environmental. Available in aluminum or SST with Type H heavy duty saddle clamp or screwless Qwik-Clamp® strain relief. Corrosion-proof composite version features heat and chemical resistant glass-reinforced lightweight thermoplastic.

- Non-environmental backshell for use with unshielded jacketed cable
- Heavy-duty saddle clamp or screwless Qwik-Clamp®
- Aluminum, stainless steel or corrosion-proof composite
- Aluminum, stainless steel or composite
- Eight profiles in straight, 45° and 90°
- Compatible with standard mil spec circular electrical connectors

Adapter Code

A

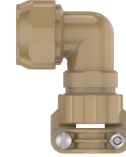
AS50151 crimp
AS95234
MIL-DTL-26482 Ser. II
MIL-DTL-83723 Ser. III



Strain Relief Backshell,
Spin Coupling
360A*001
Page 36-2



Strain Relief Backshell,
Direct Coupling
360AS002
Page 36-4



Strain Relief Backshell,
Composite
360A*014
Page 36-5



Strain Relief Backshell,
Qwik-Clamp
360A*017
Page 36-6

Adapter Code

B

AS50151 Solder



Strain Relief Backshell,
Direct Coupling
360BS002
Page 36-8

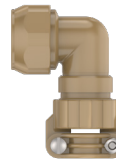
Adapter Code

F

MIL-DTL-38999
Series I and II



Strain Relief Backshell,
Spin Coupling
360F*001
Page 36-10



Strain Relief Backshell,
Composite
360F*014
Page 36-12



Strain Relief Backshell,
Qwik-Clamp
360F*017
Page 36-13

Adapter Code

G

MIL-DTL-28840

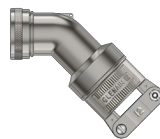


Strain Relief Backshell,
Spin Coupling
360G*003
Page 36-21

Adapter Code

H

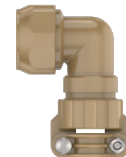
MIL-DTL-38999
Series III and IV



Strain Relief Backshell,
Spin Coupling
360H*001
Page 36-15



Strain Relief Backshell,
Direct Coupling
360HS002
Page 36-17



Strain Relief Backshell,
Composite
360H*014
Page 36-18

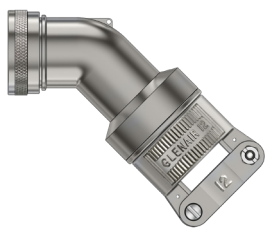


Strain Relief Backshell,
Qwik-Clamp
360H*017
Page 36-19

Series 36 Strain Relief Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

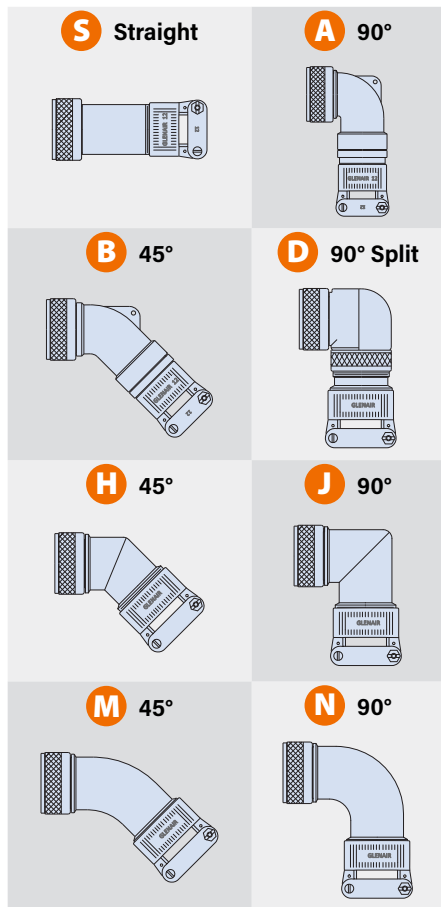
360A*001 Backshell, Strain Relief, Spin Coupling



Straight, 45° and 90°. Heavy duty saddle clamp. 360A*001 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Spin coupling, non-environmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PROFILES



PART NUMBER

Base P/N	360AS001	NF	12	06	H	6
Base Part No.	Profile	Shell Size				
360AS001	S Straight	08-40				
360AA001	A 90° Elbow	08-36				
360AB001	B 45° Elbow	08-36				
360AD001	D 90° Split	08-28				
360AH001	H 45° Cut/Weld	08-40				
360AJ001	J 90° Cut/Weld	08-40				
360AM001	M 45° Full Radius	08-32				
360AN001	N 90° Full Radius	08-40				

Material/Finish	C Alum/ Black Anodize
	M Alum/ Electroless Nickel
	MT Alum/ Nickel-PTFE
	NF Alum/ Olive Drab Cadmium
	ZR Alum/ Black Zinc-Nickel
	TZ Alum/ Tin-Zinc
	ZI SST/ Passivated (Profiles S, H, and J only)

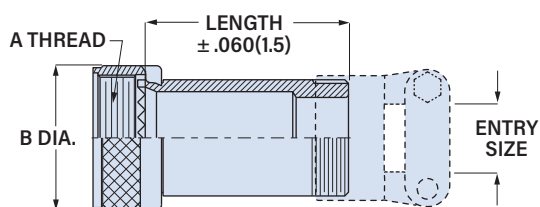
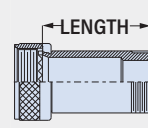
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40
-------------------	---

Entry Size*	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*
03	.250 (7.9)	08-40	16	.937 (23.8)	22-40
04	.312 (7.9)	10-40	20	1.250 (31.8)	28-40
06	.437 (11.1)	12-40	24	1.375 (34.9)	28-40
08	.562 (14.3)	14-40	28	1.625 (41.3)	32-40
10	.625 (15.9)	16-40	32	1.875 (47.6)	40
12	.750 (19.1)	18-40			

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Strain Relief Type	H Saddle Clamp, Heavy Duty
---------------------------	-----------------------------------

Length	3 1.5 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.
	4 2.0 inches	
	6 3.0 inches	
	8 4.0 inches	

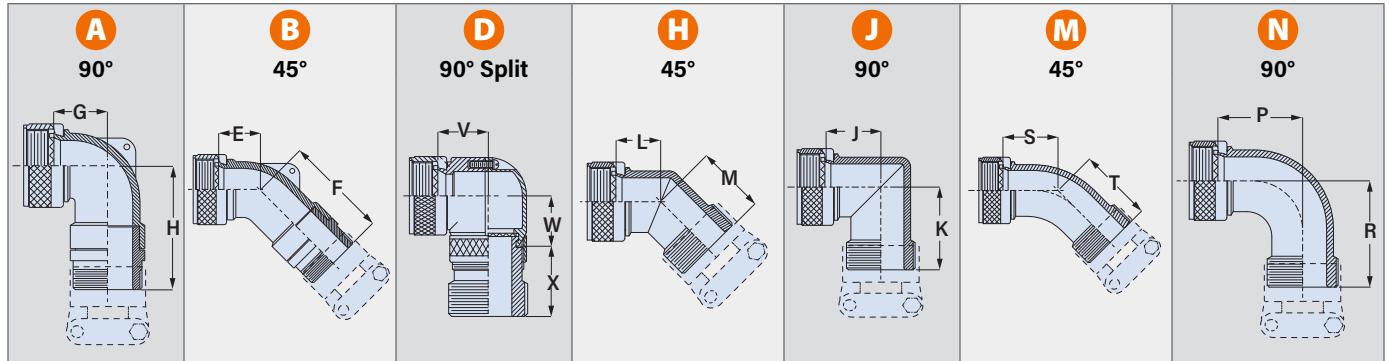


Shell Size	A Thread Class 2B	øB Max in	øB Max mm	Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.65	16.5	22	1.3125-18 UNEF	1.48	37.6
10	0.625-24 UNEF	.77	19.6	24	1.4375-18 UNEF	1.73	43.9
12	0.750-20 UNEF	.94	23.9	28	1.750-18 UNS	1.97	50.0
14	0.875-20 UNEF	1.07	27.2	32	2.000-18 UNS	2.22	56.4
16	1.000-20 UNEF	1.21	30.7	36	2.250-16 UN	2.47	62.7
18	1.0625-18 UNEF	1.23	31.2	40	2.500-16 UN	2.72	69.1
20	1.1875-18 UNEF	1.36	34.5				

Series 36 Strain Relief Backshells

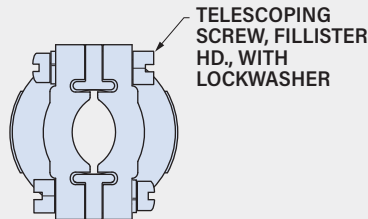
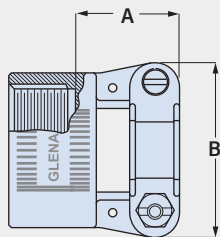
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

360A*001 Backshell, Strain Relief, Spin Coupling



Shell Size	E Max in mm	F Max in mm	G Max in mm	H Max in mm	J Max in mm	K Max in mm	L Max in mm	M Max in mm	P Max in mm	R Max in mm	S Max in mm	T Max in mm	V Max in mm	W Max in mm	X Max in mm															
08	.457	11.6	1.622	41.2	.500	12.7	1.632	41.5	.834	21.2	1.144	29.1	.726	18.5	1.036	26.3	1.125	28.6	1.445	36.7	.817	20.8	1.127	28.6	.680	17.2	1.670	42.4	1.00	25.4
10	.520	13.2	1.682	42.7	.595	15.1	1.752	44.5	.898	22.8	1.209	30.7	.753	19.1	1.062	27.0	1.250	31.8	1.570	39.9	.861	21.9	1.181	30.0	.750	19.0	1.725	43.8	1.00	25.4
12	.582	14.8	1.742	44.2	.610	15.5	1.772	45.0	.956	24.3	1.266	32.1	.777	19.7	1.087	27.6	1.375	34.9	1.695	43.1	.911	23.1	1.231	31.3	.810	20.5	1.795	45.5	1.00	25.4
14	.645	16.4	2.062	52.4	.700	17.8	2.072	52.6	1.018	25.9	1.328	33.7	.802	20.4	1.113	28.3	1.500	38.1	1.820	46.2	.965	24.5	1.285	32.6	.870	22.0	1.827	46.4	1.00	25.4
16	.738	18.7	2.172	55.2	.885	22.5	2.162	54.9	1.081	27.4	1.391	35.3	.828	21.0	1.138	28.9	1.625	41.3	1.945	49.4	1.014	25.8	1.334	33.9	.930	23.6	1.927	48.9	1.00	25.4
18	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.125	28.6	1.435	36.4	.847	21.5	1.157	29.4	1.750	44.5	2.070	52.6	1.064	27.0	1.384	35.2	1.000	25.4	1.985	50.4	1.00	25.4
20	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.188	30.2	1.498	38.0	.873	22.2	1.183	30.0	1.875	47.6	2.195	55.8	1.118	28.4	1.438	36.5	1.060	26.9	2.046	51.9	1.00	25.4
22	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.250	31.8	1.560	39.6	.898	22.8	1.208	30.7	2.000	50.8	2.320	58.9	1.172	29.8	1.492	37.9	1.120	28.4	2.107	53.5	1.50	38.1
24	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.312	33.3	1.623	41.2	.942	23.5	1.234	31.4	2.125	54.0	2.445	62.1	1.221	31.0	1.541	39.1	1.180	29.9	2.185	54.9	1.50	38.1
28	1.145	29.1	2.562	65.1	1.225	31.1	2.612	66.3	1.392	35.4	1.702	43.2	.957	24.3	1.267	32.2	2.375	60.3	2.695	68.5	1.325	33.7	1.645	41.8	1.300	33.0	2.326	59.0	1.50	38.1
32	1.207	30.7	2.662	67.6	1.575	40.0	2.862	72.7	1.515	38.5	1.825	46.4	1.008	25.6	1.318	33.5	2.675	67.9	2.995	76.1	1.495	37.8	1.815	46.1	N/A	N/A	N/A	N/A	N/A	N/A
36	1.238	31.4	2.752	69.9	1.775	45.1	2.862	72.7	1.623	41.2	1.932	49.1	1.053	26.7	1.363	34.6	2.785	70.7	3.105	78.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.895	48.1	2.220	56.4	1.220	31.0	1.480	37.6	2.985	75.8	3.215	81.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

STRAIN RELIEF DIMENSIONS



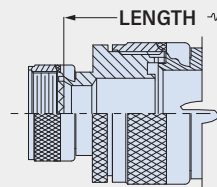
Entry Size	A Max in	A Max mm	B Max in	B Max mm	Cable Range		Min in	Min mm	Max in	Max mm
					in	mm				
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4		
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9		
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1		
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3		
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9		
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1		
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8		
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8		
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9		
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3		
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6		

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

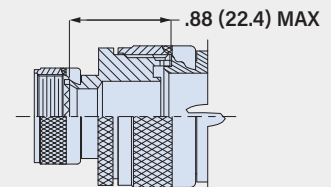
Shell Size	Max Entry Size	Shell Size	Max Entry Size
08	03	22	16
10	04	24	16
12	06	28	24
14	08	32	28
16	10	36	28
18	12	40	32
20	12		

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells

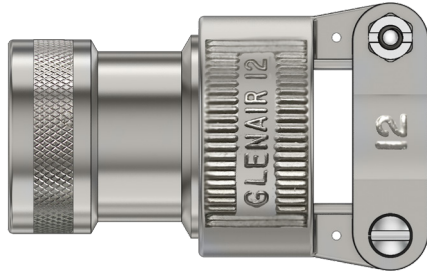


For 45° and 90° backshells, the length increases by .88 inches.

Series 36 Strain Relief Backshells

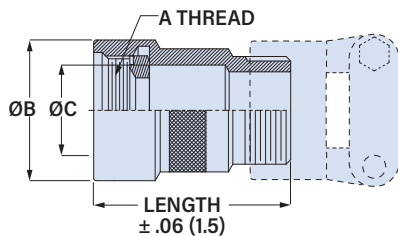
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

360AS002 Backshell, Strain Relief, Direct Coupling



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III



Shell Size	A Thread Class 2B	øB Max in	øB Max mm	øC Max in	øC Max mm	Max Entry Size
08	0.500-20 UNF	.65	16.5	.36	9.1	04
10	0.625-24 UNEF	.77	19.6	.49	12.4	06
12	0.750-20 UNEF	.97	24.6	.63	16.0	10
14	0.875-20 UNEF	1.09	27.7	.75	19.1	12
16	1.000-20 UNEF	1.22	31.0	.86	21.8	12
18	1.0625-18 UNEF	1.22	31.0	.93	23.6	16
20	1.1875-18 UNEF	1.34	34.0	1.05	26.7	16
22	1.3125-18 UNEF	1.47	37.3	1.18	30.0	16
24	1.4375-18 UNEF	1.59	40.4	1.30	33.0	20
28	1.750-18 UNS	1.97	50.0	1.61	40.9	24
32	2.000-18 UNS	2.28	57.9	1.86	47.2	28
36	2.250-16 UN	2.53	64.3	2.11	53.6	32
40	2.500-16 UN	2.78	70.6	2.36	59.9	32

Heavy duty saddles. 360AS002 backshell fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Direct coupling, nonenvironmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

360AS002 M 12 06 H 3

Base P/N **360AS002**

Material/Finish
C Alum/ Black Anodize
M Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
ZI SST/ Passivated

Shell Size **08 10 12 14 16 18 20 22 24 28 32 36 40**

Entry Size*	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*
04	.312 (7.9)	08-40	16	.937 (23.8)	18-40
06	.437 (11.1)	10-40	20	1.250 (31.8)	24-40
08	.562 (14.3)	12-40	24	1.375 (34.9)	28-40
10	.625 (15.9)	12-40	28	1.625 (41.3)	32-40
12	.750 (19.1)	14-40	32	1.875 (47.6)	36-40

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

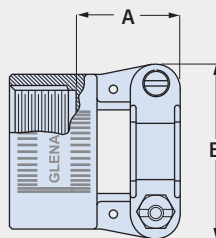
Strain Relief Type **H** Saddle Clamp

Length

3 1.5 inches
4 2.0 inches
6 3.0 inches
8 4.0 inches

If Entry Size is greater than "Max Entry Size" (see table at left), then 2 inch minimum applies.

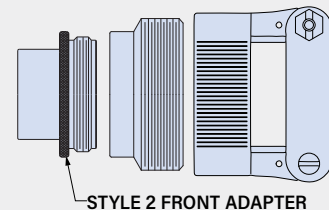
STRAIN RELIEF DIMENSIONS



Entry Size	A Max in	A Max mm	B Max in	B Max mm	Cable Range			
					Min in	Min mm	Max in	Max mm
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size shown in table, the backshell will include a Style 2 front adapter. **The minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).**



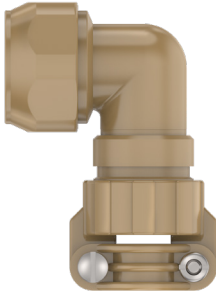


Series 36 Strain Relief Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

360A*014 Backshell, Strain Relief, Composite, Self-Locking

Self-Locking



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

MATERIAL/FINISH

Coupling nut, saddles: polyetherimide (PEI), unplated
 Body: polyetherimide (PEI)/finish per PN
 Screws, washers: stainless steel/passivated
 Anti-decoupling spring: thermoplastic

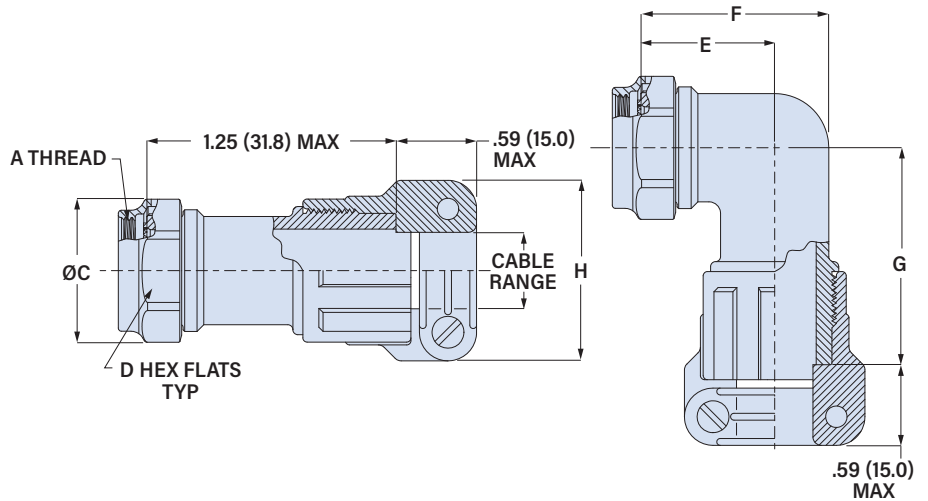
Straight and 90°. Composite. Self-locking. 360A*014 backshell fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Non-environmental. Full radius saddle clamp has telescoping screws. Polyetherimide, stainless steel screws and lockwashers.

PART NUMBER

			360AS014	XW	18	14
Base P/N	360AS014	Straight				
	360AW014	90°				
Body Finish	XM	Electroless Nickel				
	XW	Olive drab Cadmium				
	XB	Unplated, Black color				
	XO	Unplated, Natural (amber) Color				
	XZN	Black Zinc-Nickel				
Shell Size	08 10 12 14 16 18 20 22 24 28					
Entry Size	See Table 1					

TABLE 1: ENTRY SIZE

Entry Size	Cable Range				H Max in	Shell Sizes
	Min in	Max in	Min mm	Max mm		
10	.20	.25	5.1	6.4	1.00	25.4 08-28
12	.29	.38	7.4	9.7	1.23	31.2 10-28
14	.40	.44	10.1	11.2	1.34	34.0 12-28
16	.48	.63	12.2	15.9	1.47	37.3 14-28
18	.55	.69	14.0	17.5	1.56	39.6 16-28
20	.64	.75	16.3	19.1	1.62	41.1 16-28
22	.72	.88	18.3	22.2	1.75	44.5 20-28
24	.79	1.00	20.0	25.4	1.87	47.5 22-28
28	.89	1.13	20.3	28.6	1.97	50.0 24-28
32	.96	1.25	24.4	31.8	2.08	52.8 28



Shell Size	A Thread Class 2B	øC Max		D Hex Flats		E		F		G		Max Entry Size
		in	mm	in	mm	±.06(1.5) in	mm	±.09(2.3) in	mm	±.09(2.3) in	mm	
08	0.500-20 UNF	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	27.0	10
10	0.625-24 UNEF	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	12
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	14
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	16
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	20
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	20
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	22
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	24
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	28
28	1.750-18 UNS	2.16	54.9	2.000	50.8	1.34	34.0	2.13	54.1	1.78	45.2	32

Series 36 Strain Relief Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

360A*017 Backshell, Strain Relief, Qwik-Clamp®



Self-Locking

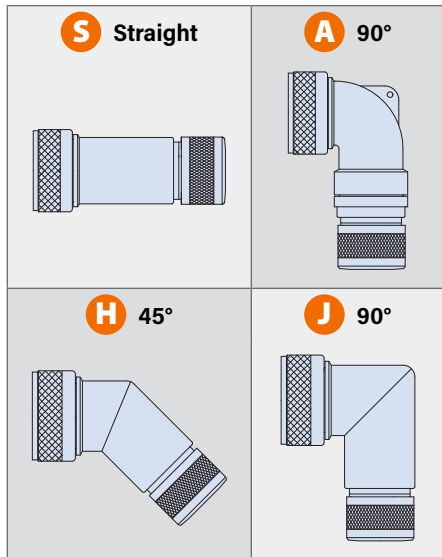


- No exposed screws
- High vibration
- NASA approved cable clamp

Screwless cable clamp. Self-locking. 360A*017 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Rotate clamp nut to tighten internal cable clamp. Clamp nut has anti-rotation device. Coupling nut has anti-decoupling mechanism providing audible detented coupling and preventing backoff under high vibration. Non-environmental. Adapter, elbows, coupling nut and clamp nut are aluminum, internal clamp components are thermoplastic. -65° to +200° C.

Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PROFILES



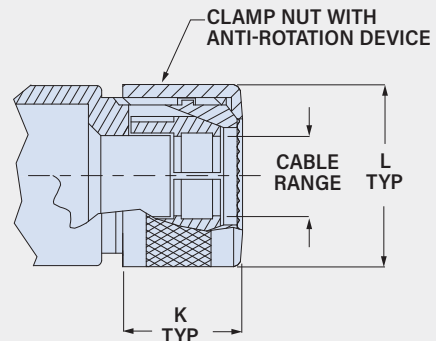
PART NUMBER

	360AS017	M	18	16	6
Base P/N	Base Part No.	Profile			
	360AS017	S	Straight		
	360AA017	A	90° Elbow		
	360AH017	H	45° Cut/Weld		
	360AJ017	J	90° Cut/Weld		
Material/Finish	C	Alum/ Black Anodize			
	M	Alum/ Electroless Nickel			
	MT	Alum/ Nickel-PTFE			
	NF	Alum/ Olive Drab Cadmium			
	ZR	Alum/ Black Zinc-Nickel			
	TZ	Alum/ Tin-Zinc			
Shell Size	08 10 12 14 16 18 20 22 24				
Entry Size	See Table 1				
Length	3	1.5 inches			
	4	2.0 inches			
	6	3.0 inches			
	8	4.0 inches			

Applies to Profile S only. in 1/2 inch increments.

TABLE 1: ENTRY SIZE

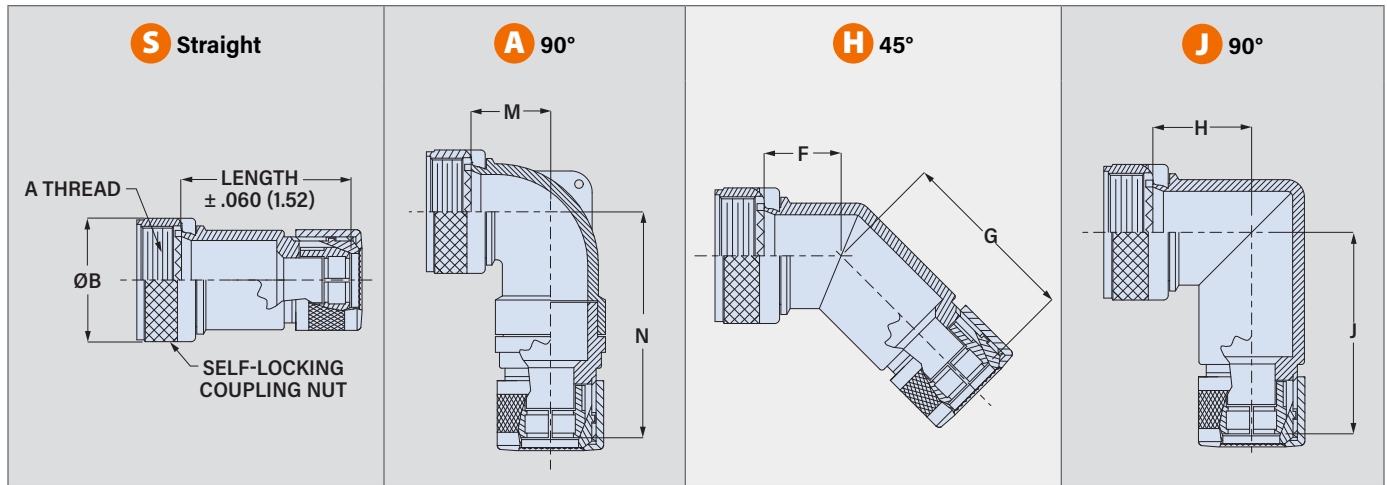
Entry Size	Cable Range				K Max in	K Max mm	L Max in	L Max mm	Shell Size
	Min in	Max in	Min mm	Max mm					
08	.128	.250	3.3	6.4	.530	13.5	.720	18.3	08-24
12	.233	.375	5.9	9.5	.710	18.0	.910	23.1	10-24
16	.358	.500	9.1	12.7	.720	18.3	1.090	27.7	12-24
20	.482	.625	12.2	15.9	.720	18.3	1.220	31.0	16-24
24	.545	.750	13.8	19.1	.660	16.8	1.340	34.0	18-24
28	.670	.875	17.0	22.2	.790	20.1	1.530	38.9	20-24
32	.795	1.000	20.2	25.4	.870	22.1	1.720	43.7	22-24
36	.889	1.125	22.6	28.6	.830	21.1	1.850	47.0	24



Series 36 Strain Relief Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

360A*017 Backshell, Strain Relief, Qwik-Clamp®



Shell Size	A Thread Class 2B	ØB Max		F Max		G Max		H Max		J Max		M Max		N Max		Max Entry Size
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
08	0.500-20 UNF	.69	17.5	.795	20.2	1.39	35.3	.906	23.0	1.50	38.1	.655	16.6	1.64	41.7	08
10	0.625-24 UNEF	.82	20.8	.820	20.8	1.42	36.1	.966	24.5	1.56	39.6	.750	19.1	1.76	44.7	12
12	0.750-20 UNEF	.94	23.9	.844	21.4	1.44	36.6	1.026	26.1	1.62	41.1	.765	19.4	1.78	45.2	16
14	0.875-20 UNEF	1.06	26.9	.861	21.9	1.47	37.3	1.076	27.3	1.69	42.9	.855	21.7	1.85	47.0	16
16	1.000-20 UNEF	1.17	29.7	.888	22.6	1.49	37.8	1.136	28.9	1.75	44.5	1.040	26.4	1.94	49.3	20
18	1.0625-18 UNEF	1.46	37.1	.904	23.0	1.50	38.1	1.176	29.9	1.77	45.0	1.130	28.7	2.11	53.6	24
20	1.1875-18 UNEF	1.60	40.6	.929	23.6	1.52	38.6	1.236	31.4	1.83	46.5	1.130	28.7	2.11	53.6	28
22	1.3125-18 UNEF	1.70	43.2	.956	24.3	1.56	39.6	1.296	32.9	1.91	48.5	1.280	32.5	2.22	56.4	32
24	1.4375-18 UNEF	1.84	46.7	.979	24.9	1.59	40.4	1.356	34.4	1.98	50.3	1.280	32.5	2.22	56.4	36



Series 36 Strain Relief Backshells

for AS50151 Solder Connectors

360BS002 Backshell, Strain Relief, Direct Coupling



Adapter Code B

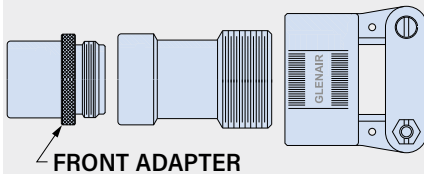
Fits AS50151 Series 1 AN Type solder Connectors . AS310*1, MS3100.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the "Max Entry Size" in the table, the backshell will include a front adapter. This is called a *Style 2* backshell.

Shell Size	Max Entry Size
10S	04
10SL	06
12, 12S	06
14, 14S	10
16, 16S	10
18	12
20	16
22	16
24	20
28	24
32	28
36	28
40	32

STYLE 2 BACKSHELL



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Heavy duty saddle clamp. 360BS002 backshell fits AS50151 (MS3100) solder connectors. includes universal thread adapters as required to assure compatibility with all connector manufacturers. Direct coupling, nonenvironmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

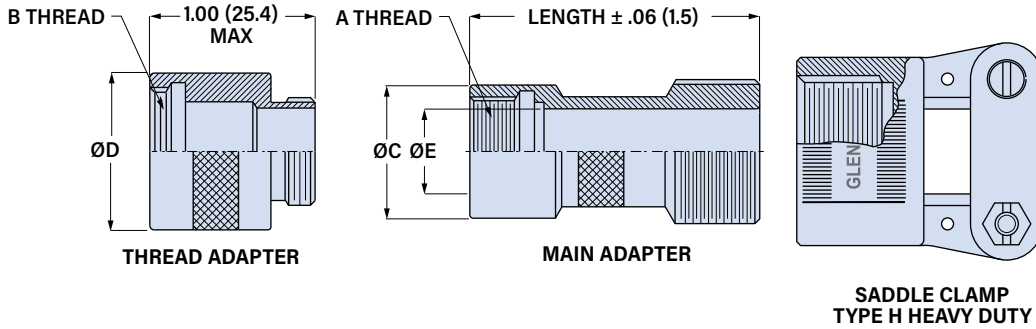
PART NUMBER

360BS002	NF	15	06	H	4	A
Base P/N	360BS002					
Material/Finish	C Alum/ Black Anodize M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated					
Shell Size	Code	Shell Size	Code	Shell Size		
	05	10S	20	22		
	08	10SL	21	24		
	11	12, 12S	22	28		
	14	14, 14S	23	32		
	15	16, 16S	26	36		
	16	18	31	40		
	17	20				
Entry Size	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*
	04	.312 (7.9)	10S-40	16	.937 (23.8)	20-40
	06	.437 (11.1)	10SL-40	20	1.250 (31.8)	24-40
	08	.562 (14.3)	14-40	24	1.375 (34.9)	28-40
	10	.625 (15.9)	14-40	28	1.625 (41.3)	32-40
	12	.750 (19.1)	18-40	32	1.875 (47.6)	40
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.						
Strain Relief	H	Saddle Clamp				
Length	3	1.5 inches	1.5 inch minimum. If Entry Size is greater than "Max Entry Size" in table, then 2 inch minimum applies.			
	4	2.0 inches				
	6	3.0 inches				
	8	4.0 inches				
Connector Manufacturer Code	A	Universal	Compatible with all manufacturers. includes additional thread adapter(s) as necessary to fit multiple manufacturers. See following page for thread adapter details.			

Series 36 Strain Relief Backshells

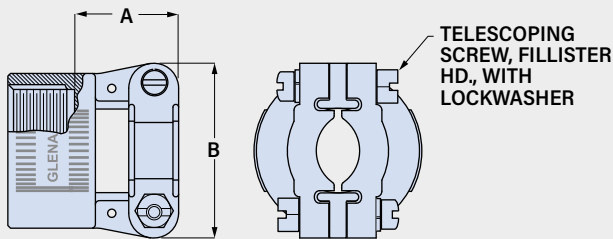
for AS50151 Solder Connectors

360BS002 Backshell, Strain Relief, Direct Coupling



Shell Size Code	Shell Size	A		B		ØC Max		ØD Max		ØE	
		Main Adapter Class 2B	Thread Adapter Class 2B	in	mm	in	mm	in	mm		
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4	.40	10.2		
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4	.44	11.2		
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6	.49	12.4		
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A	.62	15.7		
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A	.74	18.8		
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A	.87	22.2		
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3	.99	25.1		
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A	1.12	28.4		
21	24	1.3750-18 UNEF	N/A	1.468	37.3	N/A	N/A	1.28	32.5		
22	28	1.6250-18 UNEF	N/A	1.593	40.5	N/A	N/A	1.49	37.8		
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4	1.74	44.2		
26	36	2.1250-16 UN	2.0625-16 UNS 2.0625-20 UNEF 2.1250-18 UNS	2.375	60.3	2.312	58.7	1.86	47.2		
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1	2.18	55.4		

STRAIN RELIEF DIMENSIONS

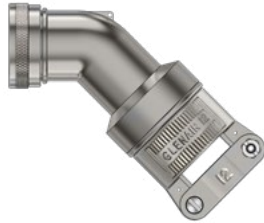


Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min	Max	Min	Max
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series I/II Connectors

360F*001 Backshell, Strain Relief, Spin Coupling

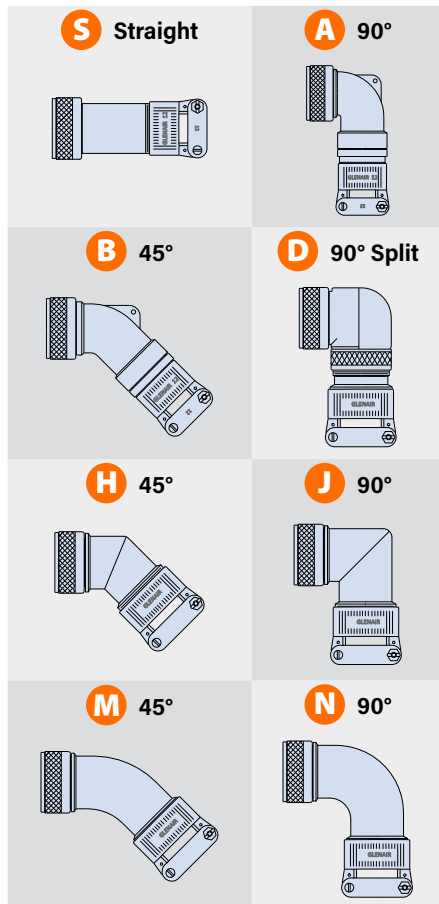


Straight, 45° and 90°. Heavy duty saddle clamp. 360F*001 backshell fits MIL-DTL-38999 Series I and II connectors. Spin coupling, nonenvironmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

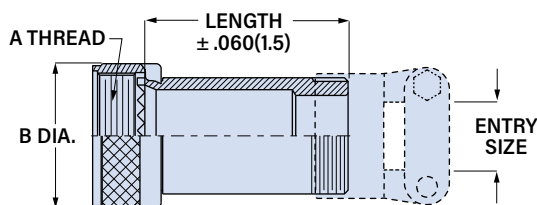
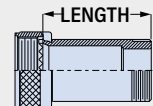
PROFILES



PART NUMBER

360FS001 M 12 04 H 3

Base P/N	Base Part No.	Profile								
	360AS001	S Straight								
	360AA001	A 90° Elbow								
	360AB001	B 45° Elbow								
	360AD001	D 90° Split								
	360AH001	H 45° Cut/Weld								
	360AJ001	J 90° Cut/Weld								
	360AM001	M 45° Full Radius								
	360AN001	N 90° Full Radius								
	Material/Finish	C	Alum/ Black Anodize							
M		Alum/ Electroless Nickel								
MT		Alum/ Nickel-PTFE								
NF		Alum/ Olive Drab Cadmium								
ZR		Alum/ Black Zinc-Nickel								
TZ		Alum/ Tin-Zinc								
ZI		SST/ Passivated (Profiles H, J, M, N, S only)								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size*	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*				
	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24				
	04	.312 (7.9)	10-24	20	1.250 (31.8)	24				
	06	.437 (11.1)	12-24	24	1.375 (34.9)	-				
	08	.562 (14.3)	14-24	28	1.625 (41.3)	-				
	10	.625 (15.9)	16-24	32	1.875 (47.6)	-				
	12	.750 (19.1)	18-24							
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.										
Strain Relief	H	Saddle Clamp								
Length	3	1.5 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.							
	4	2.0 inches								
	6	3.0 inches								
	8	4.0 inches								

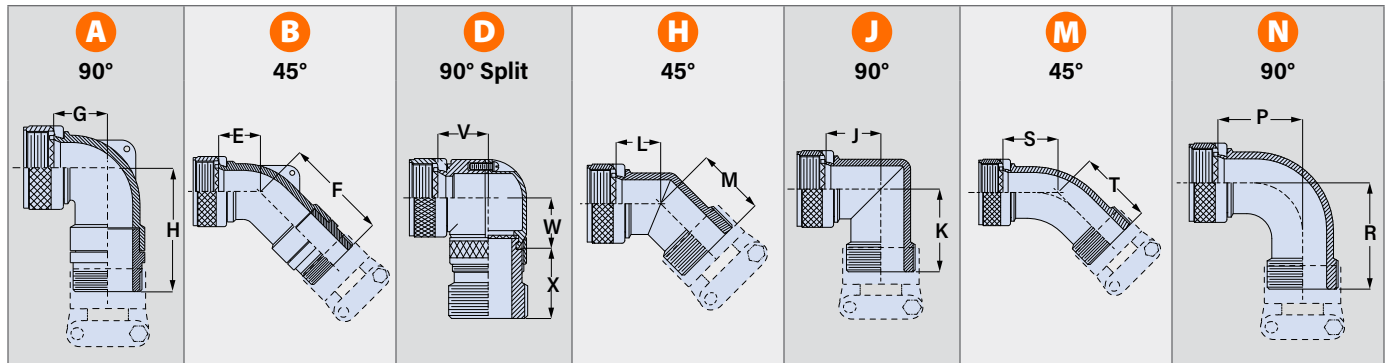


Shell Size	A Thread UNEF-2B	øB Max in	øB Max mm	Shell Size	A Thread UNEF-2B	øB Max in	øB Max mm
08	0.4375-28	.650	16.5	18	1.0625-18	1.230	31.2
10	0.5625-24	.770	19.6	20	1.1875-18	1.360	34.5
12	0.6875-24	.890	22.6	22	1.3125-18	1.480	37.6
14	0.8125-20	1.020	25.9	24	1.4375-18	1.730	43.9
16	0.9375-20	1.150	29.2				

Series 36 Strain Relief Backshells

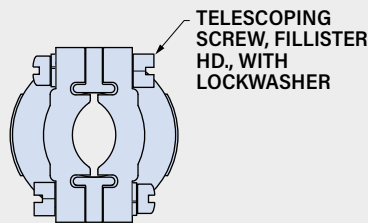
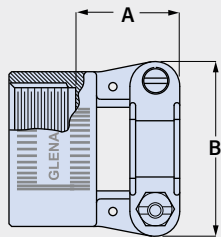
for MIL-DTL-38999 Series I/II Connectors

360F*001 Backshell, Strain Relief, Spin Coupling



Shell Size	E Max in mm	F Max in mm	G Max in mm	H Max in mm	J Max in mm	K Max in mm	L Max in mm	M Max in mm	P Max in mm	R Max in mm	S Max in mm	T Max in mm	V Max in mm	W Max in mm	X Max in mm															
08	.457	11.6	1.622	41.2	.500	12.7	1.632	41.5	.834	21.2	1.144	29.1	.726	18.5	1.036	26.3	1.125	28.6	1.445	36.7	.817	20.8	1.127	28.6	.680	17.2	1.670	42.4	1.00	25.4
10	.520	13.2	1.682	42.7	.595	15.1	1.752	44.5	.898	22.8	1.209	30.7	.753	19.1	1.062	27.0	1.250	31.8	1.570	39.9	.861	21.9	1.181	30.0	.750	19.0	1.725	43.8	1.00	25.4
12	.582	14.8	1.742	44.2	.610	15.5	1.772	45.0	.956	24.3	1.266	32.1	.777	19.7	1.087	27.6	1.375	34.9	1.695	43.1	.911	23.1	1.231	31.3	.810	20.5	1.795	45.5	1.00	25.4
14	.645	16.4	2.062	52.4	.700	17.8	2.072	52.6	1.018	25.9	1.328	33.7	.802	20.4	1.113	28.3	1.500	38.1	1.820	46.2	.965	24.5	1.285	32.6	.870	22.0	1.827	46.4	1.00	25.4
16	.738	18.7	2.172	55.2	.885	22.5	2.162	54.9	1.081	27.4	1.391	35.3	.828	21.0	1.138	28.9	1.625	41.3	1.945	49.4	1.014	25.8	1.334	33.9	.930	23.6	1.927	48.9	1.00	25.4
18	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.125	28.6	1.435	36.4	.847	21.5	1.157	29.4	1.750	44.5	2.070	52.6	1.064	27.0	1.384	35.2	1.000	25.4	1.985	50.4	1.00	25.4
20	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.188	30.2	1.498	38.0	.873	22.2	1.183	30.0	1.875	47.6	2.195	55.8	1.118	28.4	1.438	36.5	1.060	26.9	2.046	51.9	1.00	25.4
22	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.250	31.8	1.560	39.6	.898	22.8	1.208	30.7	2.000	50.8	2.320	58.9	1.172	29.8	1.492	37.9	1.120	28.4	2.107	53.5	1.50	38.1
24	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.312	33.3	1.623	41.2	.942	23.5	1.234	31.4	2.125	54.0	2.445	62.1	1.221	31.0	1.541	39.1	1.180	29.2	2.165	54.9	1.50	38.1

STRAIN RELIEF DIMENSIONS



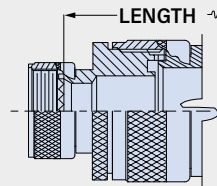
Entry Size	A Max in	A Max mm	B Max in	B Max mm	Cable Range			
					Min in	Min mm	Max in	Max mm
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

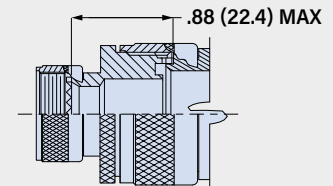
Shell Size	Maximum Entry Size
8/9	03
10/11	04
12/13	06
14/15	08
16/17	10
18/19	12
20/21	12
22/23	16
24/25	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.



Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series I/II Connectors

360F*014 Backshell, Strain Relief, Composite, Self-Locking



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

MATERIAL/FINISH

Coupling nut, saddles: polyetherimide (PEI), unplated
Body: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

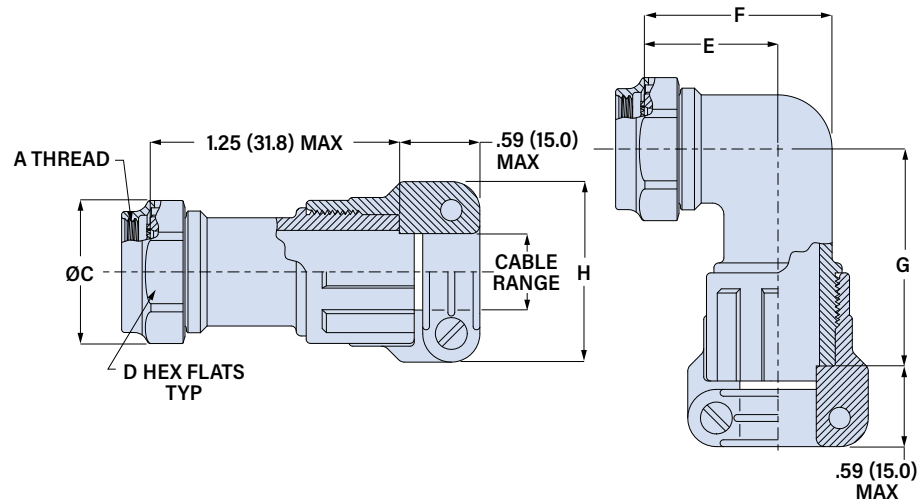
Straight and 90°. Composite. Self-locking. 360F*014 backshell fits MIL-DTL-38999 Series I and II connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Non-environmental. Full radius saddle clamp has telescoping screws. Polyetherimide, stainless steel screws and lockwashers.

PART NUMBER

	360FS014	XW	18	14
Base P/N	360FS014 Straight 360FW014 90°			
Body Finish	XM Electroless Nickel XW Olive drab Cadmium XB Unplated, Black color XO Unplated, Natural (amber) Color XZN Black Zinc-Nickel			
Shell Size	38999 Series I 9 11 13 15 17 19 21 23 25 38999 Series II 8 10 12 14 16 18 20 22 24 Size Code 08 10 12 14 16 18 20 22 24			
Entry Size	See Table 1			

TABLE 1: ENTRY SIZE

Entry Size	Cable Range				H Max in	H Max mm	Shell Sizes
	Min in	Max in	Min mm	Max mm			
10	.20	.25	5.1	6.4	1.00	25.4	08-24
12	.29	.38	7.4	9.7	1.23	31.2	10-24
14	.40	.44	10.1	11.2	1.34	34.0	12-24
16	.48	.63	12.2	15.9	1.47	37.3	14-24
18	.55	.69	14.0	17.5	1.56	39.6	16-24
20	.64	.75	16.3	19.1	1.62	41.1	16-24
22	.72	.88	18.3	22.2	1.75	44.5	20-24
24	.79	1.00	20.0	25.4	1.87	47.5	22-24
28	.89	1.13	20.3	28.6	1.97	50.0	24



Shell Size	A Thread UNEF-2B	øC Max in	øC Max mm	D Flats in	D Flats mm	E ±.06(1.5) in	E ±.06(1.5) mm	F ±.09(2.3) in	F ±.09(2.3) mm	G ±.09(2.3) in	G ±.09(2.3) mm	Max Entry Size
08	0.4375-28	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	27.0	10
10	0.5625-24	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	12
12	0.6875-24	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	14
14	0.8125-20	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	16
16	0.9375-20	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	20
18	1.0625-18	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	20
20	1.1875-18	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	22
22	1.3125-18	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	24
24	1.4375-18	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	28

Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series I/II Connectors

360F*017 Backshell, Strain Relief, Qwik-Clamp®



Self-Locking



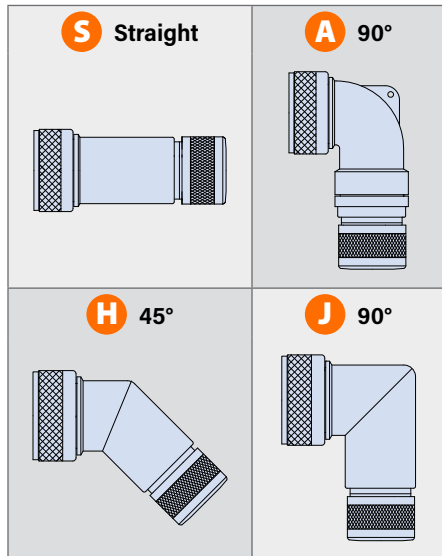
- No exposed screws
- High vibration
- NASA approved cable clamp

Screwless cable clamp. Self-locking. 360F*017 backshell fits MIL-DTL-38999 Series I and II connectors. Rotate clamp nut to tighten internal cable clamp. Clamp nut has anti-rotation device. Coupling nut has anti-decoupling mechanism providing audible detented coupling and preventing backoff under high vibration. Non-environmental. Adapter, elbows, coupling nut and clamp nut are aluminum, internal clamp components are thermoplastic.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILES

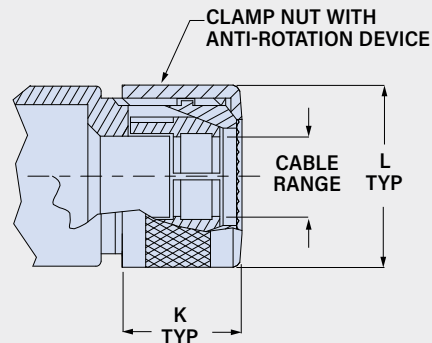


PART NUMBER

		360FS017	C	18	14	6				
Base P/N	Base Part No.	Profile								
	360FS017	S Straight								
	360FA017	A 90° Elbow								
	360AH017	H 45° Cut/Weld								
	360AJ017	J 90° Cut/Weld								
Material/Finish	C	Alum/ Black Anodize								
	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Length	3	1.5 inches								
	4	2.0 inches								
	6	3.0 inches								
	8	4.0 inches								
		Applies to Profile S only. in 1/2 inch increments.								

TABLE 1: ENTRY SIZE

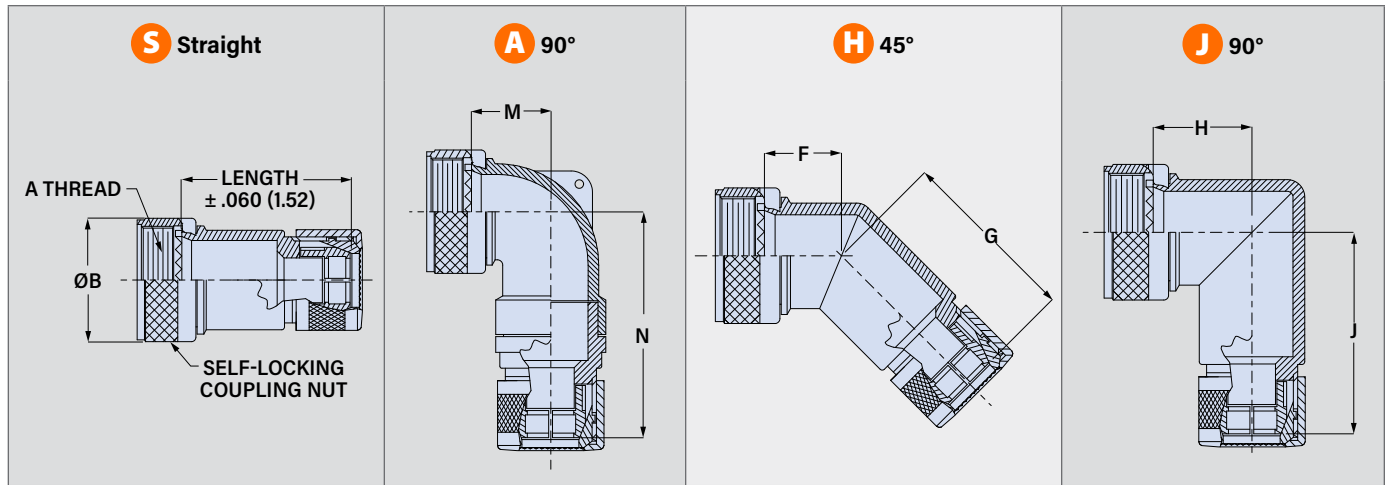
Entry Size	Cable Range				K Max in	K Max mm	L Max in	L Max mm	Shell Size
	Min in	Max in	Min mm	Max mm					
08	.128	.250	3.3	6.4	.530	13.5	.720	18.3	08-24
12	.233	.375	5.9	9.5	.710	18.0	.910	23.1	10-24
16	.358	.500	9.1	12.7	.720	18.3	1.090	27.7	12-24
20	.482	.625	12.2	15.9	.720	18.3	1.220	31.0	14-24
24	.545	.750	13.8	19.1	.660	16.8	1.340	34.0	16-24
28	.670	.875	17.0	22.2	.790	20.1	1.530	38.9	18-24
32	.795	1.000	20.2	25.4	.870	22.1	1.720	43.7	22-24
36	.889	1.125	22.6	28.6	.830	21.1	1.850	47.0	24



Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series I/II Connectors

360F*017 Backshell, Strain Relief, Qwik-Clamp®

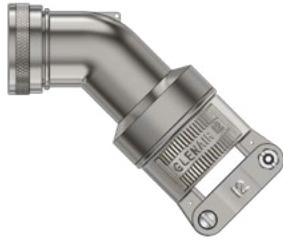


Shell Size	A Thread Class 2B	øB Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	M Max in	mm	N Max in	mm	Max Entry Size
08	0.4375-28 UNEF	.860	21.8	.795	20.2	1.39	35.3	.906	23.0	1.50	38.1	.655	16.6	1.64	41.7	08
10	0.5625-24 UNEF	.970	24.6	.820	20.8	1.42	36.1	.966	24.5	1.56	39.6	.750	19.1	1.76	44.7	12
12	0.6875-24 UNEF	1.110	28.2	.844	21.4	1.44	36.6	1.026	26.1	1.62	41.1	.765	19.4	1.78	45.2	16
14	0.8125-20 UNEF	1.210	30.7	.861	21.9	1.47	37.3	1.076	27.3	1.69	42.9	.855	21.7	1.85	47.0	16
16	0.9375-20 UNEF	1.350	34.3	.888	22.6	1.49	37.8	1.136	28.9	1.75	44.5	1.040	26.4	1.94	49.3	20
18	1.0625-18 UNEF	1.460	37.1	.904	23.0	1.50	38.1	1.176	29.9	1.77	45.0	1.130	28.7	2.11	53.6	24
20	1.1875-18 UNEF	1.600	40.6	.929	23.6	1.52	38.6	1.236	31.4	1.83	46.5	1.130	28.7	2.11	53.6	28
22	1.3125-18 UNEF	1.700	43.2	.956	24.3	1.56	39.6	1.296	32.9	1.91	48.5	1.280	32.5	2.22	56.4	32
24	1.4375-18 UNEF	1.840	46.7	.979	24.9	1.59	40.4	1.356	34.4	1.98	50.3	1.280	32.5	2.22	56.4	36

Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series III/IV Connectors

360H*001 Backshell, Strain Relief, Spin Coupling



Straight, 45° and 90°. Heavy duty saddle clamp. 360H*001 backshell fits MIL-DTL-38999 Series III and IV connectors. Spin coupling, nonenvironmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILES

S Straight	A 90°
B 45°	D 90° Split
H 45°	J 90°
M 45°	N 90°

PART NUMBER

360HS001 M 17 08 H 3

Base Part No.	Profile
360HS001	S Straight
360HA001	A 90° Elbow
360HB001	B 45° Elbow
360HD001	D 90° Split
360HH001	H 45° Cut/Weld
360HJ001	J 90° Cut/Weld
360HM001	M 45° Full Radius
360HN001	N 90° Full Radius

Material/Finish	
C	Alum/ Black Anodize
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated (Profiles H, J, M, N, S only)

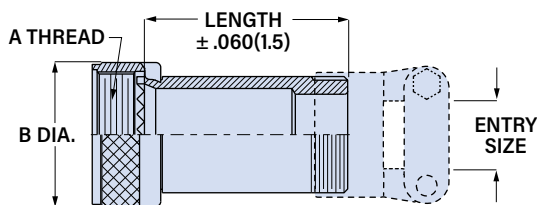
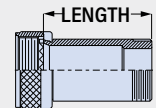
Shell Size	Shell Size									
	9	11	13	15	17	19	21	23	25	
	A	B	C	D	E	F	G	H	J	
Size Code	09	11	13	15	17	19	21	23	25	

Entry Size*	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*
03	.250 (7.9)	09-25	16	.937 (23.8)	21-25
04	.312 (7.9)	11-25	20	1.250 (31.8)	25
06	.437 (11.1)	13-25	24	1.375 (34.9)	-
08	.562 (14.3)	15-25	28	1.625 (41.3)	-
10	.625 (15.9)	15-25	32	1.875 (47.6)	-
12	.750 (19.1)	17-25			

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Strain Relief	H Saddle Clamp,
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Length	3 1.5 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.
	4 2.0 inches	
	6 3.0 inches	
	8 4.0 inches	

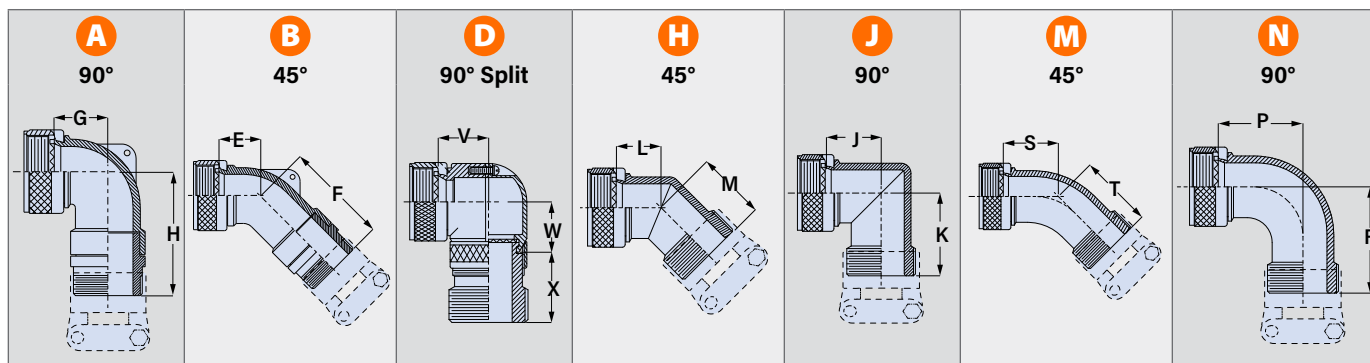


Shell Size	A Thread	øB Max in	øB Max mm	Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.770	19.6	19 (F)	M28X1.0-6H	1.360	34.5
11 (B)	M15X1.0-6H	.840	21.3	21 (G)	M31X1.0-6H	1.480	37.6
13 (C)	M18X1.0-6H	.960	24.4	23 (H)	M34X1.0-6H	1.600	40.6
15 (D)	M22X1.0-6H	1.090	27.7	25 (J)	M37X1.0-6H	1.720	43.7
17 (E)	M25X1.0-6H	1.230	31.2				

Series 36 Strain Relief Backshells

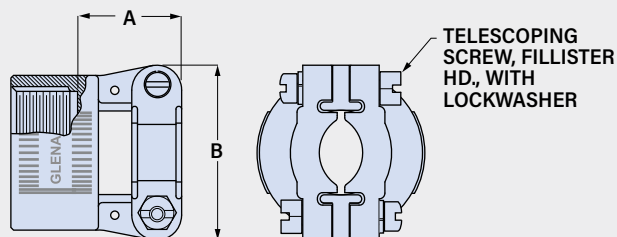
for MIL-DTL-38999 Series III/IV Connectors

360H*001 Backshell, Strain Relief, Spin Coupling



Shell Size	E Max in	F Max in	G Max in	H Max in	J Max in	K Max in	L Max in	M Max in	P Max in	R Max in	S Max in	T Max in	V Max in	W Max in	X Max in															
9 (A)	.457	11.6	1.622	41.2	.500	12.7	1.632	41.5	.834	21.2	1.144	29.1	.726	18.5	1.036	26.3	1.125	28.6	1.445	36.7	.817	20.8	1.127	28.6	.680	17.2	1.670	42.4	1.00	25.4
11 (B)	.520	13.2	1.682	42.7	.595	15.1	1.752	44.5	.898	22.8	1.209	30.7	.753	19.1	1.062	27.0	1.250	31.8	1.570	39.9	.861	21.9	1.181	30.0	.750	19.0	1.725	43.8	1.00	25.4
13 (C)	.582	14.8	1.742	44.2	.610	15.5	1.772	45.0	.956	24.3	1.266	32.1	.777	19.7	1.087	27.6	1.375	34.9	1.695	43.1	.911	23.1	1.231	31.3	.810	20.5	1.795	45.5	1.00	25.4
15 (D)	.645	16.4	2.062	52.4	.700	17.8	2.072	52.6	1.018	25.9	1.328	33.7	.802	20.4	1.113	28.3	1.500	38.1	1.820	46.2	.965	24.5	1.285	32.6	.870	22.0	1.827	46.4	1.00	25.4
17 (E)	.738	18.7	2.172	55.2	.885	22.5	2.162	54.9	1.081	27.4	1.391	35.3	.828	21.0	1.138	28.9	1.625	41.3	1.945	49.4	1.014	25.8	1.334	33.9	.930	23.6	1.927	48.9	1.00	25.4
19 (F)	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.125	28.6	1.435	36.4	.847	21.5	1.157	29.4	1.750	44.5	2.070	52.6	1.064	27.0	1.384	35.2	1.000	25.4	1.985	50.4	1.00	25.4
21 (G)	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.188	30.2	1.498	38.0	.873	22.2	1.183	30.0	1.875	47.6	2.195	55.8	1.118	28.4	1.438	36.5	1.060	26.9	2.046	51.9	1.00	25.4
23 (H)	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.250	31.8	1.560	39.6	.898	22.8	1.208	30.7	2.000	50.8	2.320	58.9	1.172	29.8	1.492	37.9	1.120	28.4	2.107	53.5	1.50	38.1
25 (J)	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.312	33.3	1.623	41.2	.942	23.5	1.234	31.4	2.125	54.0	2.445	62.1	1.221	31.0	1.541	39.1	1.180	29.2	2.165	54.9	1.50	38.1

STRAIN RELIEF DIMENSIONS



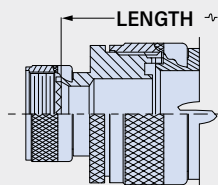
Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min in	Min mm	Max in	Max mm
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

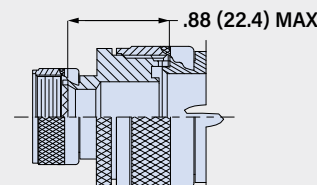
Shell Size	Maximum Entry Size
9 (A)	03
11 (B)	04
13 (C)	06
15 (D)	10
17 (E)	12
19 (F)	12
21 (G)	16
23 (H)	16
25 (J)	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



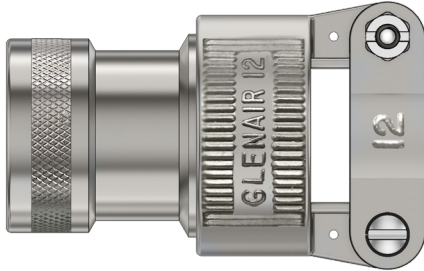
For 45° and 90° backshells, the length increases by .88 inches.



Series 36 Strain Relief Backshells

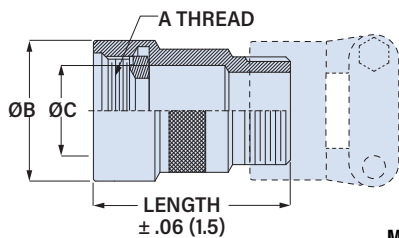
for MIL-DTL-38999 Series III/IV Connectors

360HS002 Backshell, Strain Relief, Direct Coupling



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV



Shell Size	A Thread	ØB Max in mm	ØC in mm	Max Entry Size (1)
09	M12X1.0-6H	.65 16.5	.30 7.6	04
11	M15X1.0-6H	.77 19.6	.43 10.9	06
13	M18X1.0-6H	.89 22.6	.55 14.0	08
15	M22X1.0-6H	1.03 26.2	.68 17.3	10
17	M25X1.0-6H	1.15 29.2	.80 20.3	12
19	M28X1.0-6H	1.28 32.5	.93 23.6	16
21	M31X1.0-6H	1.41 35.8	1.05 26.7	16
23	M34X1.0-6H	1.53 38.9	1.18 30.0	16
25	M37X1.0-6H	1.66 42.2	1.30 33.0	20

Heavy duty saddle clamp. 360HS002 backshell fits MIL-DTL-38999 Series III and IV connectors. Direct coupling, non-environmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

360HS002 M 11 04 H 3

Base P/N **360HS002**

Material/Finish
C Alum/ Black Anodize
M Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
Z1 SST/ Passivated

Shell Size	Shell Size									
	9	11	13	15	17	19	21	23	25	
	A	B	C	D	E	F	G	H	J	
Size Code	09	11	13	15	17	19	21	23	25	

Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*
04	.312 (7.9)	09-25	16	.937 (23.8)	19-25
06	.437 (11.1)	11-25	20	1.250 (31.8)	25
08	.562 (14.3)	13-25	24	1.375 (34.9)	-
10	.625 (15.9)	15-25	28	1.625 (41.3)	-
12	.750 (19.1)	17-25	32	1.875 (47.6)	-

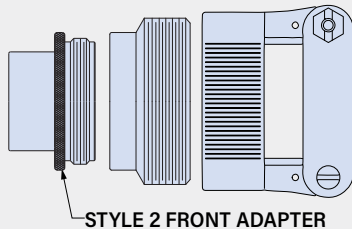
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Strain Relief H Saddle Clamp, Heavy Duty

Length	Code	Length	Notes
3	1.5 inches		If Entry Size is greater than "Max Entry Size" (see table at left), then 2 inch minimum applies.
4	2.0 inches		
6	3.0 inches		
8	4.0 inches		

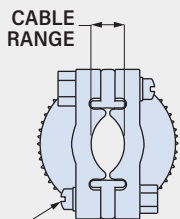
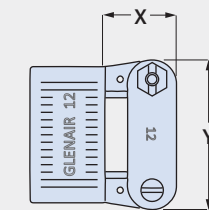
MAXIMUM ENTRY SIZE

(1) If the selected entry size exceeds the maximum size shown in table, the backshell will include a Style 2 front adapter.



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

STRAIN RELIEF DIMENSIONS



TELESCOPING SCREW, FILLISTER HD., WITH LOCKWASHER

Entry Size	X Max		Y Max		Cable Range			
	in	mm	in	mm	Min in	Min mm	Max in	Max mm
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series III/IV Connectors

360H*014 Backshell, Strain Relief, Composite, Self-Locking



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

Coupling nut, saddles: polyetherimide (PEI), unplated
Body: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

Straight and 90°. Composite. Self-locking. 360H*014 backshell fits MIL-DTL-38999 Series III and IV connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Non-environmental. Full radius saddle clamp has telescoping screws. Polyetherimide, stainless steel screws and lockwashers.

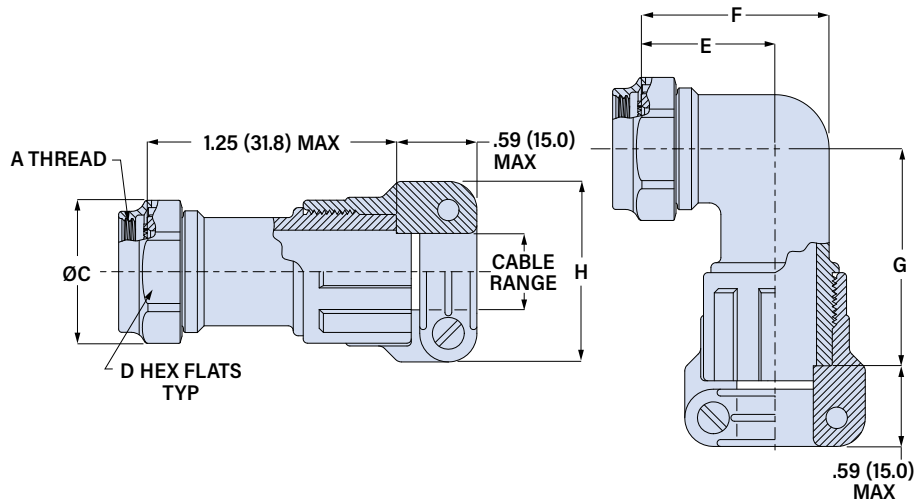
PART NUMBER

360HS014 XW 17 14

Base P/N	360HS014 Straight 360HW014 90°																														
Body Finish	XM Electroless Nickel XW Olive drab Cadmium XB Unplated, Black color XO Unplated, Natural (amber) Color XZN Black Zinc-Nickel																														
Shell Size	<table border="1"> <tr> <td>Shell Size</td> <td>9</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td><td>25</td> </tr> <tr> <td></td> <td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>J</td> </tr> <tr> <td>Size Code</td> <td>09</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td><td>25</td> </tr> </table>	Shell Size	9	11	13	15	17	19	21	23	25		A	B	C	D	E	F	G	H	J	Size Code	09	11	13	15	17	19	21	23	25
Shell Size	9	11	13	15	17	19	21	23	25																						
	A	B	C	D	E	F	G	H	J																						
Size Code	09	11	13	15	17	19	21	23	25																						
Entry Size	See Table 1																														

TABLE 1: ENTRY SIZE

Entry Size	Cable Range				H Max in	Shell Sizes
	in Min	in Max	mm Min	mm Max		
10	.20	.25	5.1	6.4	1.00	09-25
12	.29	.38	7.4	9.7	1.23	11-25
14	.40	.44	10.1	11.2	1.34	13-25
16	.48	.63	12.2	15.9	1.47	15-25
18	.55	.69	14.0	17.5	1.56	17-25
20	.64	.75	16.3	19.1	1.62	19-25
22	.72	.88	18.3	22.2	1.75	21-25
24	.79	1.00	20.0	25.4	1.87	23-25
28	.89	1.13	20.3	28.6	1.97	25



Shell Size	A Thread	øC Max in	mm	D Flats in	mm	E ± .06(1.5) in	mm	F ± .09(2.3) in	mm	G ± .09(2.3) in	mm	Max Entry Size
09	M12X1.0-6H	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	27.0	10
11	M15X1.0-6H	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	12
13	M18X1.0-6H	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	14
15	M22X1.0-6H	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	16
17	M25X1.0-6H	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	20
19	M28X1.0-6H	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	20
21	M31X1.0-6H	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	22
23	M34X1.0-6H	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	24
25	M37X1.0-6H	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	28

Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series III/IV Connectors

360H*017 Backshell, Strain Relief, Qwik-Clamp®

Self-Locking



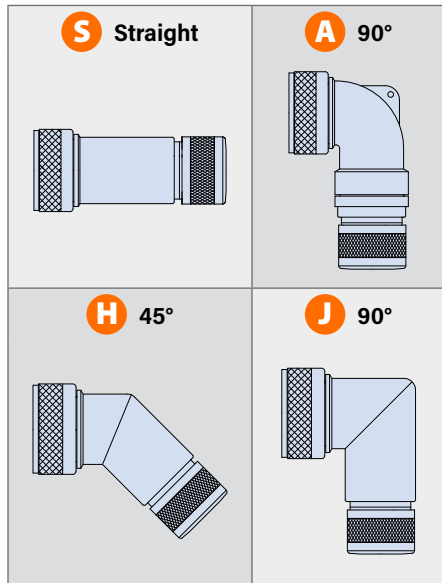
- No exposed screws
- High vibration
- NASA approved cable clamp

Screwless cable clamp. Self-locking. 360H*017 backshell fits MIL-DTL-38999 Series III and IV connectors. Rotate clamp nut to tighten internal cable clamp. Clamp nut has anti-rotation device. Coupling nut has anti-decoupling mechanism providing audible detented coupling and preventing backoff under high vibration. Non-environmental. Adapter, elbows, coupling nut and clamp nut are aluminum, internal clamp components are thermoplastic. -65° to +200° C.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILES



PART NUMBER

	360HS017	M	11	12	4																														
Base P/N	Base Part No.	Profile																																	
	360HS017	S Straight																																	
	360HA017	A 90° Elbow																																	
	360HH017	H 45° Cut/Weld																																	
	360HJ017	J 90° Cut/Weld																																	
Material/Finish	<p>C Alum/ Black Anodize M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc</p>																																		
Shell Size	<table border="1"> <tr> <td>Shell Size</td> <td>9</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> <td>F</td> <td>G</td> <td>H</td> <td>J</td> </tr> <tr> <td>Size Code</td> <td>09</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> </table>					Shell Size	9	11	13	15	17	19	21	23	25		A	B	C	D	E	F	G	H	J	Size Code	09	11	13	15	17	19	21	23	25
Shell Size	9	11	13	15	17	19	21	23	25																										
	A	B	C	D	E	F	G	H	J																										
Size Code	09	11	13	15	17	19	21	23	25																										
Entry Size	See Table 1																																		
Length	<p>3 1.5 inches 4 2.0 inches 6 3.0 inches 8 4.0 inches</p> <p><i>Applies to Profile S only. in 1/2 inch increments.</i></p>																																		

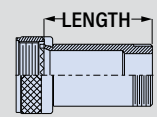
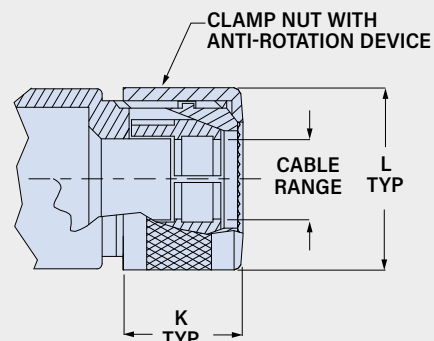


TABLE 1: ENTRY SIZE

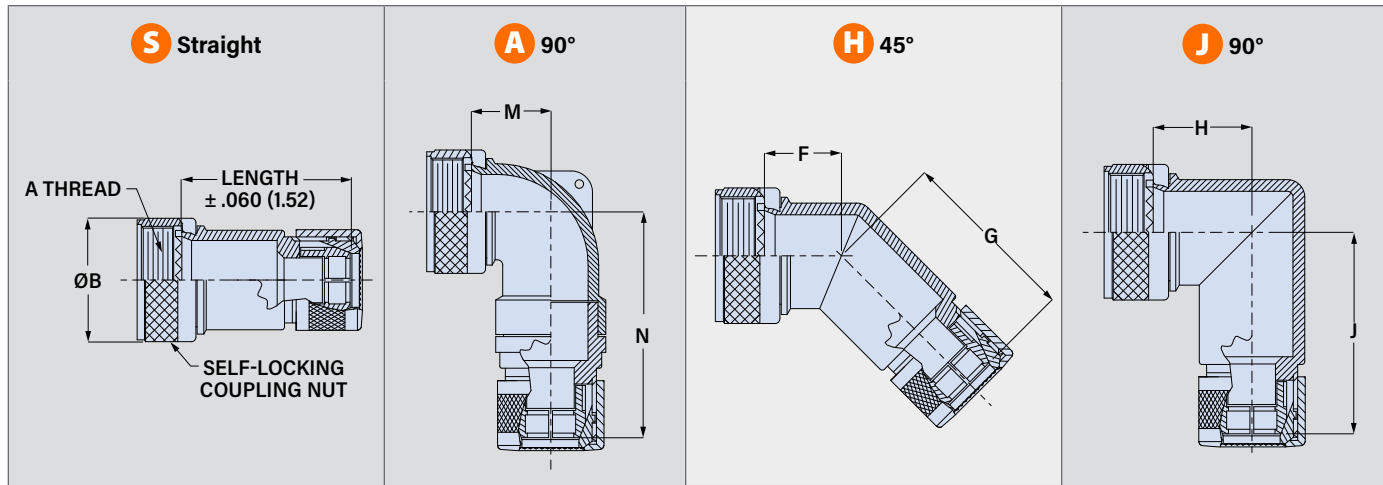
Entry Size	Cable Range		K Max		L Max		Shell Size		
	Min in	Max in	Min mm	Max mm	in	mm			
08	.128	.250	3.3	6.4	.530	13.5	18.3	09-25	
12	.233	.375	5.9	9.5	.710	18.0	.910	23.1	11-25
16	.358	.500	9.1	12.7	.720	18.3	1.090	27.7	13-25
20	.482	.625	12.2	15.9	.720	18.3	1.220	31.0	15-25
24	.545	.750	13.8	19.1	.660	16.8	1.340	34.0	17-25
28	.670	.875	17.0	22.2	.790	20.1	1.530	38.9	19-25
32	.795	1.000	20.2	25.4	.870	22.1	1.720	43.7	23, 25
36	.889	1.125	22.6	28.6	.830	21.1	1.850	47.0	25



Series 36 Strain Relief Backshells

for MIL-DTL-38999 Series III/IV Connectors

360H*017 Backshell, Strain Relief, Qwik-Clamp®



Shell Size	A Thread Class 2B	øB Max		F Max		G Max		H Max		J Max		M Max		N Max		Max Entry Size
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
08	M12X1.0-6H	.94	24.8	.795	20.2	1.39	35.3	.906	23.0	1.50	38.1	.655	16.6	1.64	41.7	08
10	M15X1.0-6H	1.06	26.9	.820	20.8	1.42	36.1	.966	24.5	1.56	39.6	.750	19.1	1.76	44.7	12
12	M18X1.0-6H	1.17	29.7	.844	21.4	1.44	36.6	1.026	26.1	1.62	41.1	.765	19.4	1.78	45.2	16
14	M22X1.0-6H	1.29	32.7	.861	21.9	1.47	37.3	1.076	27.3	1.69	42.9	.855	21.7	1.85	47.0	16
16	M25X1.0-6H	1.42	36.1	.888	22.6	1.49	37.8	1.136	28.9	1.75	44.5	1.040	26.4	1.94	49.3	20
18	M28X1.0-6H	1.54	39.1	.904	23.0	1.50	38.1	1.176	29.9	1.77	45.0	1.130	28.7	2.11	53.6	24
20	M31X1.0-6H	1.67	42.4	.929	23.6	1.52	38.6	1.236	31.4	1.83	46.5	1.130	28.7	2.11	53.6	28
22	M34X1.0-6H	2.01	51.1	.956	24.3	1.56	39.6	1.296	32.9	1.91	48.5	1.280	32.5	2.22	56.4	32
24	M37X1.0-6H	2.12	53.8	.979	24.9	1.59	40.4	1.356	34.4	1.98	50.3	1.280	32.5	2.22	56.4	36



Series 36 Strain Relief Backshells

for MIL-DTL-28840 Connectors

360G*003 Backshell, Strain Relief, Spin Coupling



Straight, 45° and 90°. Heavy duty saddle clamp. 360G*003 backshell fits MIL-DTL-28840 connectors. Spin coupling, non-environmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code G

This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

PROFILES

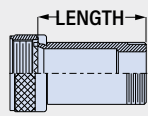
S Straight

H 45°

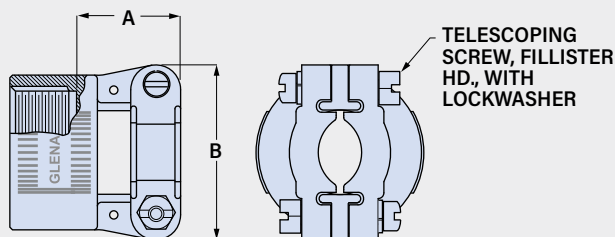
J 90°

PART NUMBER

		360GS003	TZ	15	06	H	3			
Base P/N	Base Part No.	Profile								
	360GS003	S	Straight							
	360GH003	H	45° Cut/Weld							
	360GJ003	J	90° Cut/Weld							
Material/Finish	M	Alum/Electroless Nickel								
	NF	Alum/Cadmium, Olive Drab								
	ZR	Alum/Black Zinc-Nickel								
	TZ	Alum/Tin-Zinc								
	Z1	SST/Passivated								
	ZU	SST/Cadmium, Black								
	ZTZ	SST/Tin-Zinc								
Shell Size	Shell Size	11	13	15	17	19	23	25	29	33
		A	B	C	D	E	F	G	H	J
	Size Code	11	13	15	17	19	23	25	29	33
Entry Size	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*				
	04	.312 (7.9)	11-33	16	.937 (23.8)	23-33				
	06	.437 (11.1)	13-33	20	1.250 (31.8)	29-33				
	08	.562 (14.3)	15-33	24	1.375 (34.9)	29-33				
	10	.625 (15.9)	15-33	28	1.625 (41.3)	33				
	12	.750 (19.1)	19-33	32	1.875 (47.6)	-				
								* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.		
Strain Relief	H	Saddle Clamp								
Length	3	1.5 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.							
	4	2.0 inches								
	6	3.0 inches								
	8	4.0 inches								



STRAIN RELIEF DIMENSIONS

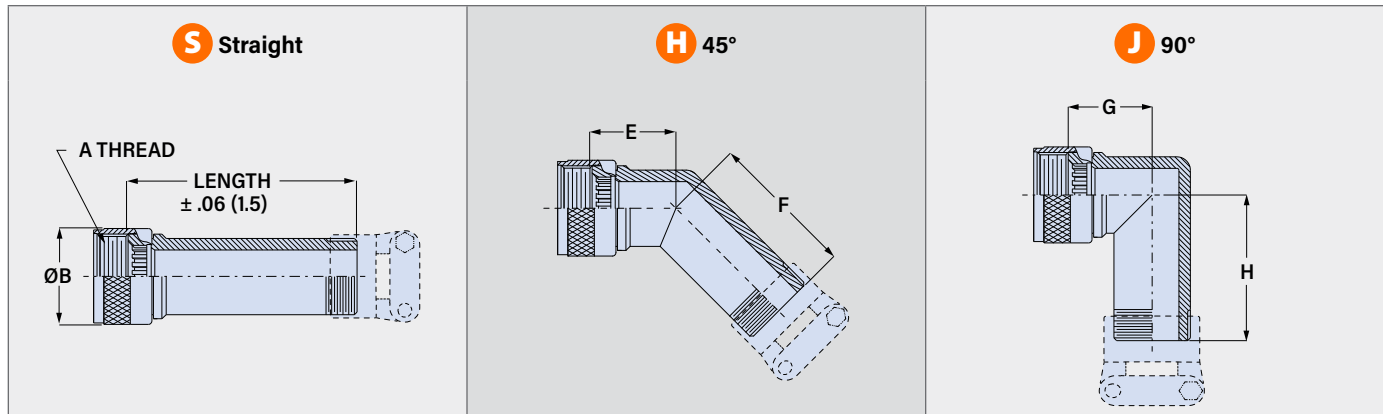


Entry Size	Cable Range							
	A Max		B Max		Min		Max	
	in	mm	in	mm	in	mm	in	mm
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

Series 36 Strain Relief Backshells

for MIL-DTL-28840 Connectors

360G*003 Backshell, Strain Relief, Spin Coupling



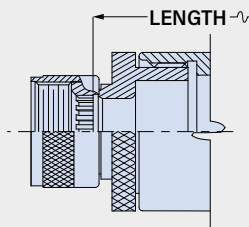
Size Code	Shell Size	A Thread Class 2B	øB Max in	øB Max mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm
11	A (11)	.750-20 UNEF	.94	23.9	1.24	31.5	.92	23.4	1.38	35.1	1.06	26.9
13	B (13)	.875-20 UNEF	1.02	25.9	1.26	32.0	.94	23.9	1.44	36.6	1.12	28.4
15	C (15)	1.000-20 UNEF	1.21	30.7	1.29	32.8	.97	24.6	1.50	38.1	1.19	30.2
17	D (17)	1.125-18 UNEF	1.36	34.5	1.31	33.3	.99	25.1	1.57	39.9	1.25	31.8
19	E (19)	1.250-18 UNEF	1.53	38.9	1.34	34.0	1.02	25.9	1.63	41.4	1.33	33.8
23	F (23)	1.438-18 UNEF	1.73	43.9	1.38	35.1	1.06	26.9	1.73	43.9	1.41	35.8
25	G (25)	1.562-18 UNEF	1.82	46.2	1.41	35.8	1.09	27.7	1.80	45.7	1.48	37.6
29	H (29)	1.875-16 UN	2.19	55.6	1.58	40.1	1.26	32.0	2.04	51.8	1.72	43.7
33	J (33)	2.062-16 UNS	2.44	62.0	1.62	41.1	1.30	33.0	2.13	54.1	1.81	46.0

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

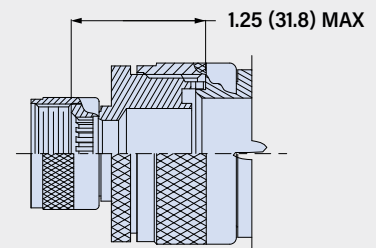
Shell Size	Maximum Entry Size
A (11)	04
B (13)	06
C (15)	10
D (17)	10
E (19)	12
F (23)	16
G (25)	16
H (29)	24
J (33)	28

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.25 inches.

Series 37 Environmental Backshells

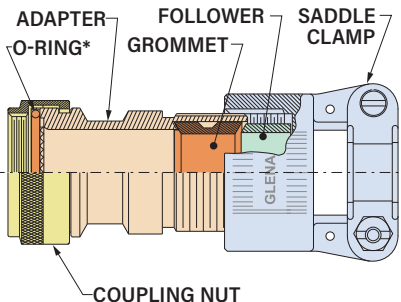
Selection Guide

Series 37 Environmental Backshells



Series 37 environmental backshells protect electrical wiring harnesses from water ingress and mechanical strain. For use with unshielded jacketed cable. Strain reliefs include saddle clamp or gland nut. When strain relief is tightened onto backshell, silicone grommet compresses onto cable jacket for a watertight seal.

- Environmental
- Heavy-duty saddle clamp with telescoping screws
- Aluminum or stainless steel
- Straight, 45° and 90°
- Silicone cable sealing grommet
- Compatible with standard mil spec circular electrical connectors



* NO O-RING FOR ADAPTER CODES A, G

Adapter Code

A

AS50151 crimp
AS95234
MIL-DTL-26482 Ser. II
MIL-DTL-83723 Ser. III



Environmental Backshell,
Spin Coupling
370A*001
Page 37-2

Adapter Code

B

AS50151 Solder



Environmental Backshell,
Direct Coupling
370B*002
Page 37-4

Adapter Code

D

MIL-DTL-26482
Series I



Environmental Backshell,
Direct Coupling
370D*002
Page 37-7

Adapter Code

E

MIL-DTL-26500



Environmental Backshell,
Direct Coupling
370E*002
Page 37-9

Adapter Code

F

MIL-DTL-38999
Series I and II



Environmental Backshell,
Spin Coupling
370F*001
Page 37-11

Adapter Code

G

MIL-DTL-28840



Environmental Backshell,
Spin Coupling
370G*007
Page 37-15

Adapter Code

H

MIL-DTL-38999
Series III and IV



Environmental Backshell,
Spin Coupling
370H*001
Page 37-13

Adapter Code

P

Series 970
PowerTrip

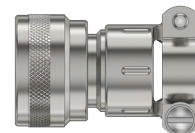


Environmental Backshell,
Spin Coupling
370P*024
Page 37-20

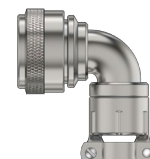
Adapter Code

M

Series 80
Mighty Mouse



Environmental Backshell,
Direct Coupling
370MS037
Page 37-17



Environmental Backshell,
Spin Coupling
370M*038
Page 37-18

Series 37 Environmental Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

370A*001 Backshell, Environmental, Spin Coupling



Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PROFILE SELECTION GUIDE

S Straight

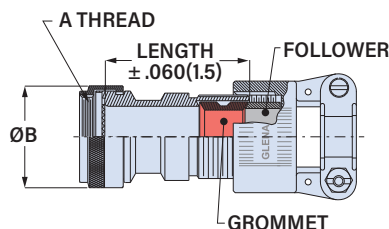
A 90° **B** 45° **H** 45°

J 90° **M** 45° **N** 90°

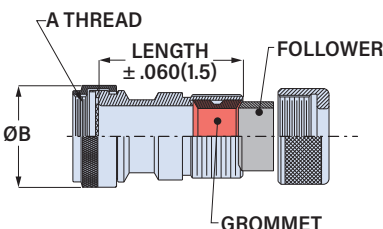
Submersible. Straight, 45° or 90°. 370A*001 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Spin coupling, environmentally sealed. For use with unshielded jacketed cable. Strain relief styles include saddle clamp or low profile nut. Type H heavy duty saddle clamp has telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone grommet.

PART NUMBER

			370AS001	M	10	04	H	4	
Base P/N	Base Part No.	Profile	Size						
	370AS001	S Straight	08-40						
	370AA001	A 90° Elbow	08-36						
	370AB001	B 45° Elbow	08-36						
	370AH001	H 45° Cut/Weld	08-40						
	370AJ001	J 90° Cut/Weld	08-40						
	370AM001	M 45° Full Radius	08-32						
	370AN001	N 90° Full Radius	08-40						
Material/Finish	C	Alum/ Black Anodize							
	M	Alum/ Electroless Nickel							
	MT	Alum/ Nickel-PTFE							
	NF	Alum/ Olive Drab Cadmium							
	ZR	Alum/ Black Zinc-Nickel							
	TZ	Alum/ Tin-Zinc							
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)							
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40								
Entry Size	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*			
	03	.250 (7.9)	08-40	16	.937 (23.8)	22-40			
	04	.312 (7.9)	10-40	20	1.250 (31.8)	28-40			
	06	.437 (11.1)	12-40	24	1.375 (34.9)	28-40			
	08	.562 (14.3)	14-40	28	1.625 (41.3)	32-40			
	10	.625 (15.9)	16-40	32	1.875 (47.6)	40			
	12	.750 (19.1)	18-40						
	<i>* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.</i>								
Strain Relief Type	H	Saddle Clamp							
	D	Nut							
Length	3	1.5 inches							
	4	2.0 inches							
	6	3.0 inches							
	8	4.0 inches							
<i>Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>									



Saddle Clamp



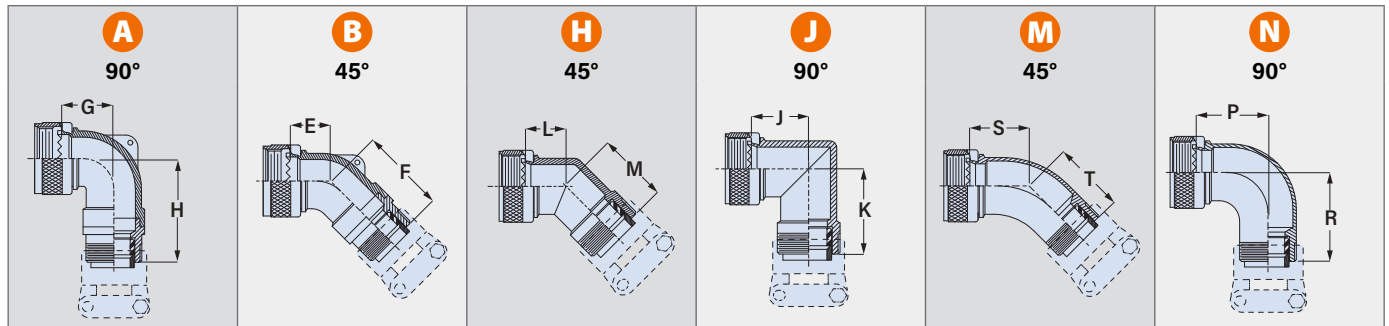
Nut

Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9
28	1.750-18 UNS	1.97	50.0
32	2.000-18 UNS	2.22	56.4
36	2.250-16 UN	2.47	62.7
40	2.500-16 UN	2.72	69.1

Series 37 Environmental Backshells

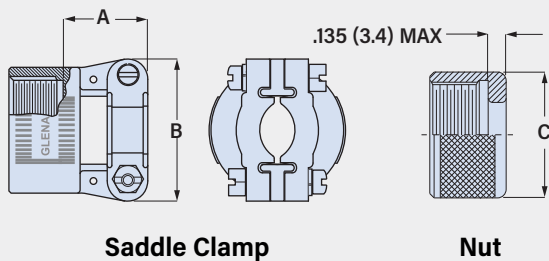
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

370A*001 Backshell, Environmental, Spin Coupling



Shell Size	E Max		F Max		G Max		H Max		J Max		K Max		L Max		M Max		P Max		R Max		S Max		T Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.457	11.6	1.622	41.2	.500	12.7	1.632	41.5	.834	21.2	1.144	29.1	.726	18.5	1.036	26.3	1.125	28.6	1.445	36.7	.817	20.8	1.127	28.6
10	.520	13.2	1.682	42.7	.595	15.1	1.752	44.5	.898	22.8	1.209	30.7	.753	19.1	1.062	27.0	1.250	31.8	1.570	39.9	.861	21.9	1.181	30.0
12	.582	14.8	1.742	44.2	.610	15.5	1.772	45.0	.956	24.3	1.266	32.1	.777	19.7	1.087	27.6	1.375	34.9	1.695	43.1	.911	23.1	1.231	31.3
14	.645	16.4	2.062	52.4	.700	17.8	2.072	52.6	1.018	25.9	1.328	33.7	.802	20.4	1.113	28.3	1.500	38.1	1.820	46.2	.965	24.5	1.285	32.6
16	.738	18.7	2.172	55.2	.885	22.5	2.162	54.9	1.081	27.4	1.391	35.3	.828	21.0	1.138	28.9	1.625	41.3	1.945	49.4	1.014	25.8	1.334	33.9
18	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.125	28.6	1.435	36.4	.847	21.5	1.157	29.4	1.750	44.5	2.070	52.6	1.064	27.0	1.384	35.2
20	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.188	30.2	1.498	38.0	.873	22.2	1.183	30.0	1.875	47.6	2.195	55.8	1.118	28.4	1.438	36.5
22	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.250	31.8	1.560	39.6	.898	22.8	1.208	30.7	2.000	50.8	2.320	58.9	1.172	29.8	1.492	37.9
24	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.312	33.3	1.623	41.2	.942	23.5	1.234	31.4	2.125	54.0	2.445	62.1	1.221	31.0	1.541	39.1
28	1.145	29.1	2.562	65.1	1.225	31.1	2.612	66.3	1.392	35.4	1.702	43.2	.957	24.3	1.267	32.2	2.375	60.3	2.695	68.5	1.325	33.7	1.645	41.8
32	1.207	30.7	2.662	67.6	1.575	40.0	2.862	72.7	1.515	38.5	1.825	46.4	1.008	25.6	1.318	33.5	2.675	67.9	2.995	76.1	1.495	37.8	1.815	46.1
36	1.238	31.4	2.752	69.9	1.775	45.1	2.862	72.7	1.623	41.2	1.932	49.1	1.053	26.7	1.363	34.6	2.785	70.7	3.105	78.9	N/A	N/A	N/A	N/A
40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.895	48.1	2.220	56.4	1.220	31.0	1.480	37.6	2.985	75.8	3.215	81.7	N/A	N/A	N/A	N/A

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

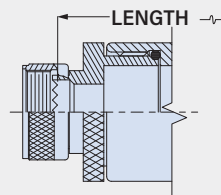
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

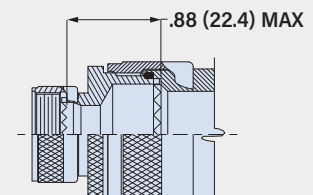
Shell Size	Max Entry Size	Shell Size	Max Entry Size
08	03	22	16
10	04	24	16
12	06	28	24
14	08	32	28
16	10	36	28
18	12	40	32
20	12		

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



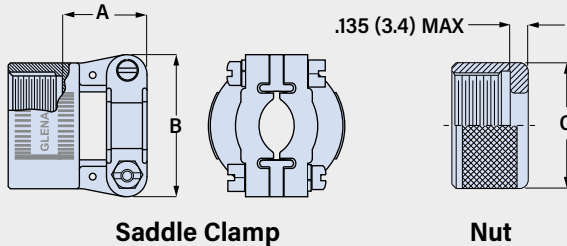
For 45° and 90° backshells, the length increases by .88 inches.

Series 37 Environmental Backshells

for AS50151 Solder Connectors

370B*002 Backshell, Environmental, Direct Coupling

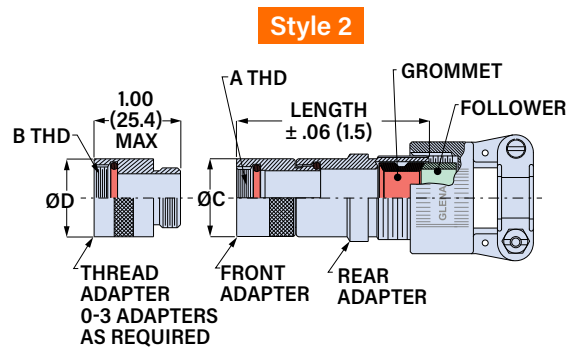
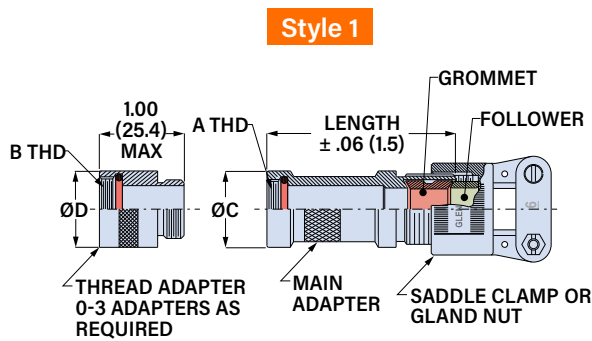
STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	mm	Max	mm
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

* Not applicable to Style D Nut

DIMENSIONS AND MAXIMUM ENTRY SIZE



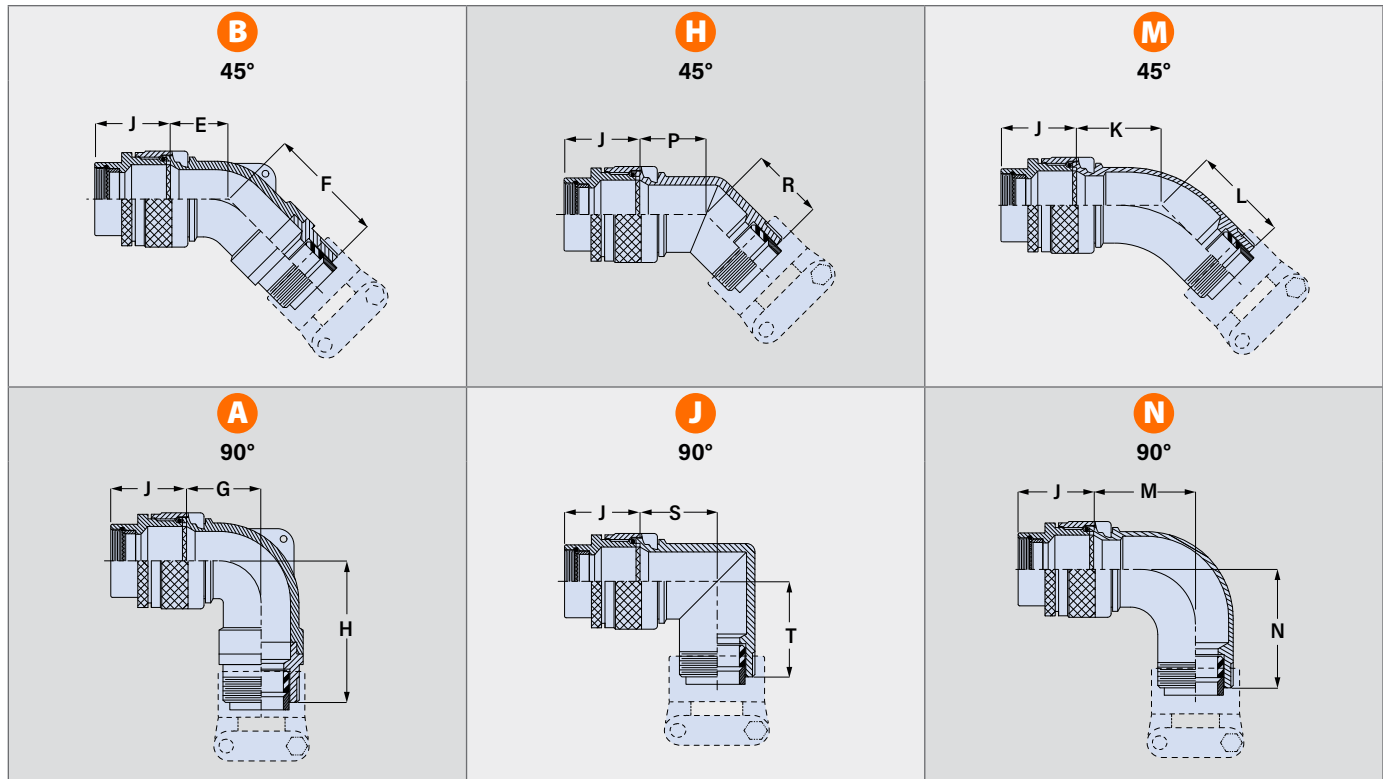
Shell Size Code	Shell Size	A Class 2B		B Class 2B		øC Max		øD Max		Max Entry Size (1)
		in	mm	in	mm	in	mm	in	mm	
05	10S	0.5000	12.70	0.5625	14.29	.724	18.4	.687	17.4	04
08	10SL	0.5625	14.29	0.6250	15.88	.724	18.4	.687	17.4	06
11	12, 12S	0.6250	15.88	0.6875	17.46	.848	21.5	.812	20.6	06
14	14, 14S	0.7500	19.05	N/A		.974	24.7	N/A	N/A	10
15	16, 16S	0.8750	22.23	N/A		1.102	28.0	N/A	N/A	10
16	18	1.0000	25.40	N/A		1.220	31.0	N/A	N/A	12
17	20	1.1250	28.58	1.1250	28.58	1.343	34.1	1.312	33.3	16
20	22	1.2500	31.75	N/A		1.343	34.1	N/A	N/A	16
21	24	1.3750	34.92	N/A		1.468	37.3	N/A	N/A	20
22	28	1.6250	41.27	N/A		1.593	40.5	N/A	N/A	24
23	32	1.8750	47.63	1.90625	48.28	2.125	54.0	2.062	52.4	28
				2.0625	52.40					
26	36	2.1250	53.98	2.0625	52.40	2.375	60.3	2.312	58.7	28
				2.1250	53.98					
31	40	2.3750	60.33	2.3125	58.58	2.625	66.7	2.562	65.1	32

Notes
 1) "Max Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the size shown in the table, a Style 2 adapter will be included. The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Series 37 Environmental Backshells

for AS50151 Solder Connectors

370B*002 Backshell, Environmental, Direct Coupling



Cable Entry	E Max in mm	F Max in mm	G Max in mm	H Max in mm	K Max in mm	L Max in mm	M Max in mm	N Max in mm	P Max in mm	R Max in mm	S Max in mm	T Max in mm
04	.567 14.4	1.399 35.5	.636 16.2	1.412 35.9	.861 21.9	1.181 30.0	1.250 31.8	1.570 39.9	.688 17.5	1.059 26.9	.870 22.1	1.239 31.5
06	.630 16.0	1.462 37.1	.710 18.0	1.532 38.9	.911 25.8	1.231 31.3	1.375 34.9	1.695 43.1	.705 17.9	1.089 27.7	.920 23.4	1.309 33.2
08	.692 17.6	1.524 38.7	.731 18.6	1.552 39.4	.965 27.0	1.285 32.6	1.500 38.1	1.820 46.2	.732 18.6	1.109 28.7	.980 24.9	1.369 34.8
10	.755 19.2	1.957 49.7	.825 21.0	1.962 49.8	1.014 29.8	1.334 33.9	1.625 41.3	1.945 49.4	.732 18.6	1.109 28.7	.980 24.9	1.369 34.8
12	.848 21.5	2.067 52.5	.988 25.1	2.052 52.1	1.064 27.0	1.384 35.2	1.750 44.5	2.070 52.6	.773 19.6	1.139 28.9	1.080 27.4	1.449 36.8
16	1.036 26.3	2.254 57.3	1.087 27.6	2.227 56.6	1.172 30.0	1.492 37.9	2.000 50.8	2.320 58.9	.823 20.6	1.209 30.7	1.200 30.5	1.599 40.6
20	1.130 28.7	2.463 62.6	1.325 33.7	2.395 60.8	1.325 33.7	1.645 41.8	2.375 60.3	2.695 68.5	1.041 26.4	1.379 34.9	1.480 37.6	1.839 46.7
24	1.255 31.9	2.503 63.6	1.337 34.0	2.548 64.7	1.325 33.7	1.645 41.8	2.375 60.3	2.695 68.5	1.092 27.7	1.419 36.0	1.610 40.9	1.929 49.0
28	1.317 33.5	2.598 66.0	1.827 46.4	2.798 71.1	1.428 36.3	1.748 44.4	2.625 66.7	2.945 74.8	1.138 28.9	1.469 37.3	1.720 43.7	2.039 51.8
32	1.348 34.2	2.813 71.5	2.027 51.5	2.818 71.6	N/A	N/A	N/A	N/A	1.184 30.1	1.509 38.3	1.830 46.5	2.149 54.6

Size Code	Shell Size	J Max in mm
05	10S	1.25 31.8
08	10SL	1.25 31.8
11	12, 12S	1.25 31.8
14	14, 14S	1.25 31.8
15	16, 16S	1.56 39.6
16	18	1.56 39.6
17	20	1.56 39.6
20	22	1.56 39.6
21	24	1.56 39.6
22	28	1.56 39.6
23	32	1.75 44.5
26	36	1.75 44.5
40	40	2.19 55.6



Series 37 Environmental Backshells

for MIL-DTL-26482 Series I Connectors

370D*002 Backshell, Environmental, Direct Coupling



Environmental. Straight, 45° or 90°. 370D*002 backshell fits MIL-DTL-26482 Series I connectors. Direct coupling, environmentally sealed with O-ring and cable grommet. For use with unshielded jacketed cable. Strain relief styles include saddle clamp or low profile nut. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-ring and grommet.

Adapter Code **D**

This accessory fits MIL-DTL-26482 Series I connectors

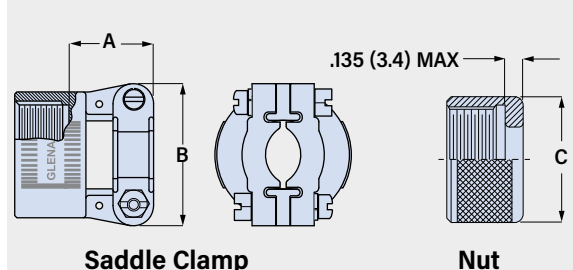
PROFILE SELECTION GUIDE

S Straight	B 45°	
H 45°	M 45°	
A 90°	J 90°	N 90°

PART NUMBER

370DS002	M	10	04	D	4																																			
Base P/N	<ul style="list-style-type: none"> S Straight A 90° Elbow B 45° Elbow H 45° Cut/Weld J 90° Cut/Weld M 45° Full Radius N 90° Full Radius 																																							
Material/Finish	<ul style="list-style-type: none"> C Alum/ Black Anodize M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated (Profiles H, J, M, N, S only) 																																							
Shell Size	08 10 12 14 16 18 20 22 24																																							
Entry Size	<table border="1"> <thead> <tr> <th>Entry Size</th> <th>Max Cable Dia.</th> <th>Shell Size*</th> <th>Entry Size</th> <th>Max Cable Dia.</th> <th>Shell Size*</th> </tr> </thead> <tbody> <tr> <td>04</td> <td>.312 (7.9)</td> <td>08-24</td> <td>16</td> <td>.937 (23.8)</td> <td>18-24</td> </tr> <tr> <td>06</td> <td>.437 (11.1)</td> <td>10-24</td> <td>20</td> <td>1.250 (31.8)</td> <td>24</td> </tr> <tr> <td>08</td> <td>.562 (14.3)</td> <td>12-24</td> <td>24</td> <td>1.375 (34.9)</td> <td>*</td> </tr> <tr> <td>10</td> <td>.625 (15.9)</td> <td>14-24</td> <td>28</td> <td>1.625 (41.3)</td> <td>*</td> </tr> <tr> <td>12</td> <td>.750 (19.1)</td> <td>16-24</td> <td>32</td> <td>1.875 (47.6)</td> <td>*</td> </tr> </tbody> </table> <p>* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. Applies to Profile S only. See Maximum Entry Size for details.</p>	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*	04	.312 (7.9)	08-24	16	.937 (23.8)	18-24	06	.437 (11.1)	10-24	20	1.250 (31.8)	24	08	.562 (14.3)	12-24	24	1.375 (34.9)	*	10	.625 (15.9)	14-24	28	1.625 (41.3)	*	12	.750 (19.1)	16-24	32	1.875 (47.6)	*			
Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*																																			
04	.312 (7.9)	08-24	16	.937 (23.8)	18-24																																			
06	.437 (11.1)	10-24	20	1.250 (31.8)	24																																			
08	.562 (14.3)	12-24	24	1.375 (34.9)	*																																			
10	.625 (15.9)	14-24	28	1.625 (41.3)	*																																			
12	.750 (19.1)	16-24	32	1.875 (47.6)	*																																			
Strain Relief	<ul style="list-style-type: none"> H Saddle Clamp D Nut 	 Saddle Clamp	 Nut																																					
Length	<ul style="list-style-type: none"> 3 1.5 inches 4 2.0 inches 6 3.0 inches 8 4.0 inches 	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.																																						

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	mm	in	mm
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

* Not applicable to Style D Nut.

Series 37 Environmental Backshells

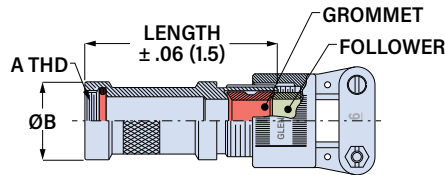
for MIL-DTL-26482 Series I Connectors

370D*002 Backshell, Environmental, Direct Coupling

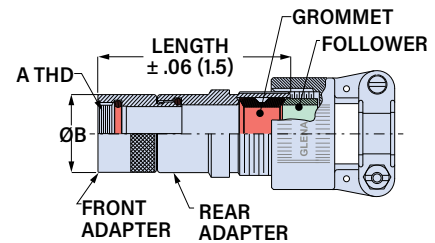
DIMENSIONS AND MAXIMUM ENTRY SIZE

Shell Size	A Thread	ØB Max	J Max	Max Entry Size (1)
	UNE-F-2B	in mm	in mm	
08	0.4375-28	.59 15.0	1.25 31.8	04
10	0.5625-24	.72 18.3	1.25 31.8	06
12	0.6875-24	.84 21.3	1.25 31.8	08
14	0.8125-20	.97 24.6	1.25 31.8	10
16	0.9375-20	1.09 27.7	1.56 39.6	12
18	1.0625-18	1.22 31.0	1.56 39.6	16
20	1.1875-18	1.34 34.0	1.56 39.6	16
22	1.3125-18	1.47 37.3	1.56 39.6	16
24	1.4375-18	1.59 40.4	1.56 39.6	20

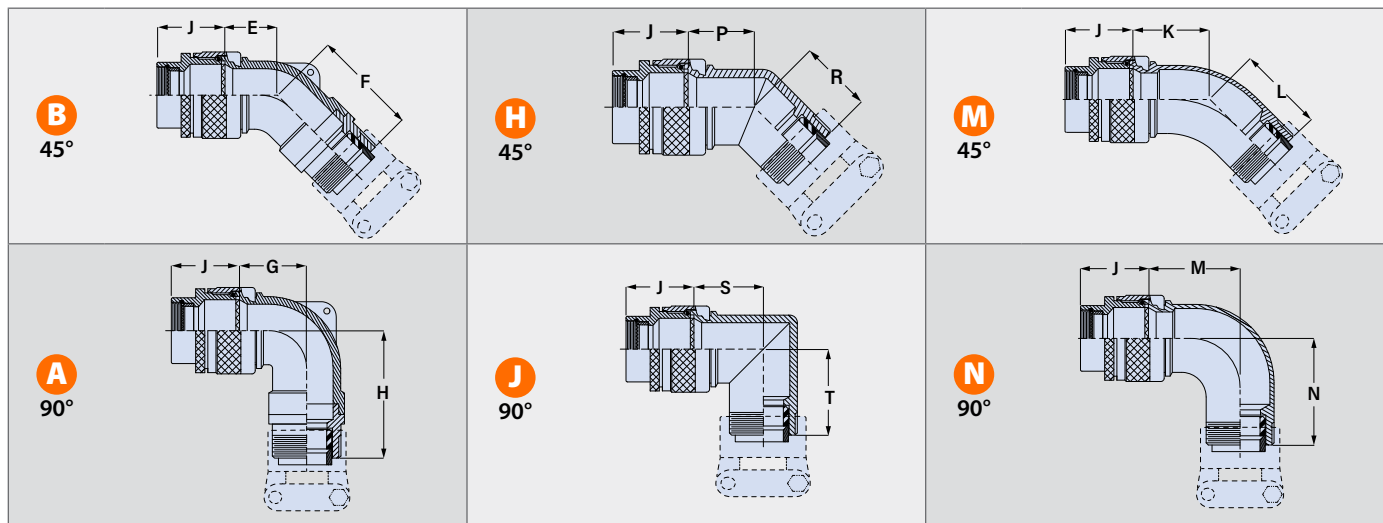
Style 1



Style 2



1) "Max Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the size shown in the table, a Style 2 front adapter will be included.



Cable Entry	E Max	F Max	G Max	H Max	K Max	L Max	M Max	N Max	P Max	R Max	S Max	T Max
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
04	.567 14.4	1.399 35.5	.636 16.2	1.412 35.9	.861 21.9	1.181 30.0	1.250 31.8	1.570 39.9	.688 17.5	1.059 26.9	.870 22.1	1.239 31.5
06	.630 16.0	1.462 37.1	.710 18.0	1.532 38.9	.911 25.8	1.231 31.3	1.375 34.9	1.695 43.1	.705 17.9	1.089 27.7	.920 23.4	1.309 33.2
08	.692 17.6	1.524 38.7	.731 18.6	1.552 39.4	.965 27.0	1.285 32.6	1.500 38.1	1.820 46.2	.732 18.6	1.109 28.7	.980 24.9	1.369 34.8
10	.755 19.2	1.957 49.7	.825 21.0	1.962 49.8	1.014 29.8	1.334 33.9	1.625 41.3	1.945 49.4	.732 18.6	1.109 28.7	.980 24.9	1.369 34.8
12	.848 21.5	2.067 52.5	.988 25.1	2.052 52.1	1.064 27.0	1.384 35.2	1.750 44.5	2.070 52.6	.773 19.6	1.139 28.9	1.080 27.4	1.449 36.8
16	1.036 26.3	2.254 57.3	1.087 27.6	2.227 56.6	1.172 30.0	1.492 37.9	2.000 50.8	2.320 58.9	.823 20.6	1.209 30.7	1.200 30.5	1.599 40.6
20	1.130 28.7	2.463 62.6	1.325 33.7	2.395 60.8	1.325 33.7	1.645 41.8	2.375 60.3	2.695 68.5	1.041 26.4	1.379 34.9	1.480 37.6	1.839 46.7
24	1.255 31.9	2.503 63.6	1.337 34.0	2.548 64.7	1.325 33.7	1.645 41.8	2.375 60.3	2.695 68.5	1.092 27.7	1.419 36.0	1.610 40.9	1.929 49.0
28	1.317 33.5	2.598 66.0	1.827 46.4	2.798 71.1	1.428 36.3	1.748 44.4	2.625 66.7	2.945 74.8	1.138 28.9	1.469 37.3	1.720 43.7	2.039 51.8
32	1.348 34.2	2.813 71.5	2.027 51.5	2.818 71.6	N/A	N/A	N/A	N/A	1.184 30.1	1.509 38.3	1.830 46.5	2.149 54.6

Series 37 Environmental Backshells

for MIL-DTL-26500 Connectors

370E*002 Backshell, Environmental, Direct Coupling



Environmental. Straight, 45° or 90°. 370E*002 backshell fits MIL-DTL-26500 connectors. Direct coupling, environmentally sealed with O-ring and cable grommet. For use with unshielded jacketed cable. Strain relief styles include saddle clamp or low profile nut. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-ring and grommet.

Adapter Code E

This accessory fits MIL-DTL-26500 connectors

PROFILE SELECTION GUIDE

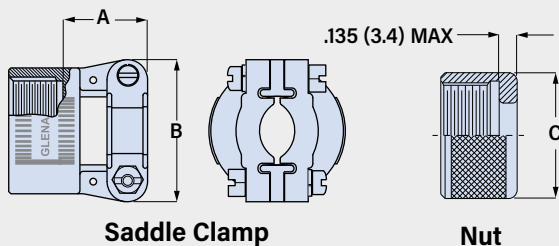
S Straight	B 45°	
H 45°	M 45°	
A 90°	J 90°	N 90°

PART NUMBER

370ES002 NF 18 06 D 3

Base P/N	370ES002 S Straight 370EA002 A 90° Elbow 370EB002 B 45° Elbow 370EH002 H 45° Cut/Weld 370EJ002 J 90° Cut/Weld 370EM002 M 45° Full Radius 370EN002 N 90° Full Radius																																				
Material/Finish	C Alum/ Black Anodize M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated (Profiles H, J, M, N, S only)																																				
Shell Size	08 10 12 14 16 18 20 22 24																																				
Entry Size	<table border="1"> <thead> <tr> <th>Entry Size</th> <th>Max Cable Dia.</th> <th>Shell Size*</th> <th>Entry Size</th> <th>Max Cable Dia.</th> <th>Shell Size*</th> </tr> </thead> <tbody> <tr> <td>04</td> <td>.312 (7.9)</td> <td>08-24</td> <td>16</td> <td>.937 (23.8)</td> <td>18-24</td> </tr> <tr> <td>06</td> <td>.437 (11.1)</td> <td>10-24</td> <td>20</td> <td>1.250 (31.8)</td> <td>24</td> </tr> <tr> <td>08</td> <td>.562 (14.3)</td> <td>12-24</td> <td>24</td> <td>1.375 (34.9)</td> <td>*</td> </tr> <tr> <td>10</td> <td>.625 (15.9)</td> <td>14-24</td> <td>28</td> <td>1.625 (41.3)</td> <td>*</td> </tr> <tr> <td>12</td> <td>.750 (19.1)</td> <td>16-24</td> <td>32</td> <td>1.875 (47.6)</td> <td>*</td> </tr> </tbody> </table> <p>* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. Applies to Profile S only. See Maximum Entry Size for details.</p>	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*	04	.312 (7.9)	08-24	16	.937 (23.8)	18-24	06	.437 (11.1)	10-24	20	1.250 (31.8)	24	08	.562 (14.3)	12-24	24	1.375 (34.9)	*	10	.625 (15.9)	14-24	28	1.625 (41.3)	*	12	.750 (19.1)	16-24	32	1.875 (47.6)	*
Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*																																
04	.312 (7.9)	08-24	16	.937 (23.8)	18-24																																
06	.437 (11.1)	10-24	20	1.250 (31.8)	24																																
08	.562 (14.3)	12-24	24	1.375 (34.9)	*																																
10	.625 (15.9)	14-24	28	1.625 (41.3)	*																																
12	.750 (19.1)	16-24	32	1.875 (47.6)	*																																
Strain Relief	H Saddle Clamp b D Nut																																				
Length	3 1.5 inches 4 2.0 inches 6 3.0 inches 8 4.0 inches <i>Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>																																				

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	mm	in	mm
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

* Not applicable to Style D Nut.

Series 37 Environmental Backshells

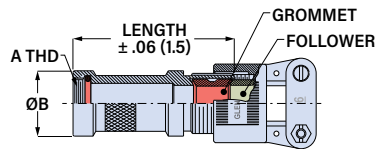
for MIL-DTL-26500 Connectors

370E*002 Backshell, Environmental, Direct Coupling

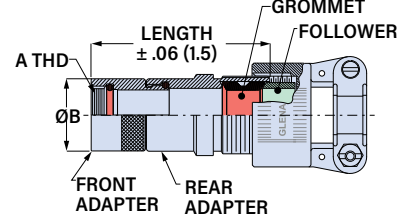
DIMENSIONS AND MAXIMUM ENTRY SIZE

Shell Size	A Thread UNEF-2B	øB Max in	mm	J Max in	mm	Max Entry Size (1)
08	0.4375-28	.59	15.0	1.25	31.8	04
10	0.5625-24	.72	18.3	1.25	31.8	06
12	0.7500-24	.84	21.3	1.25	31.8	08
14	0.8125-20	.97	24.6	1.25	31.8	10
16	0.9375-20	1.09	27.7	1.56	39.6	12
18	1.0625-18	1.22	31.0	1.56	39.6	16
20	1.1875-18	1.34	34.0	1.56	39.6	16
22	1.3125-18	1.47	37.3	1.56	39.6	16
24	1.4375-18	1.59	40.4	1.56	39.6	20

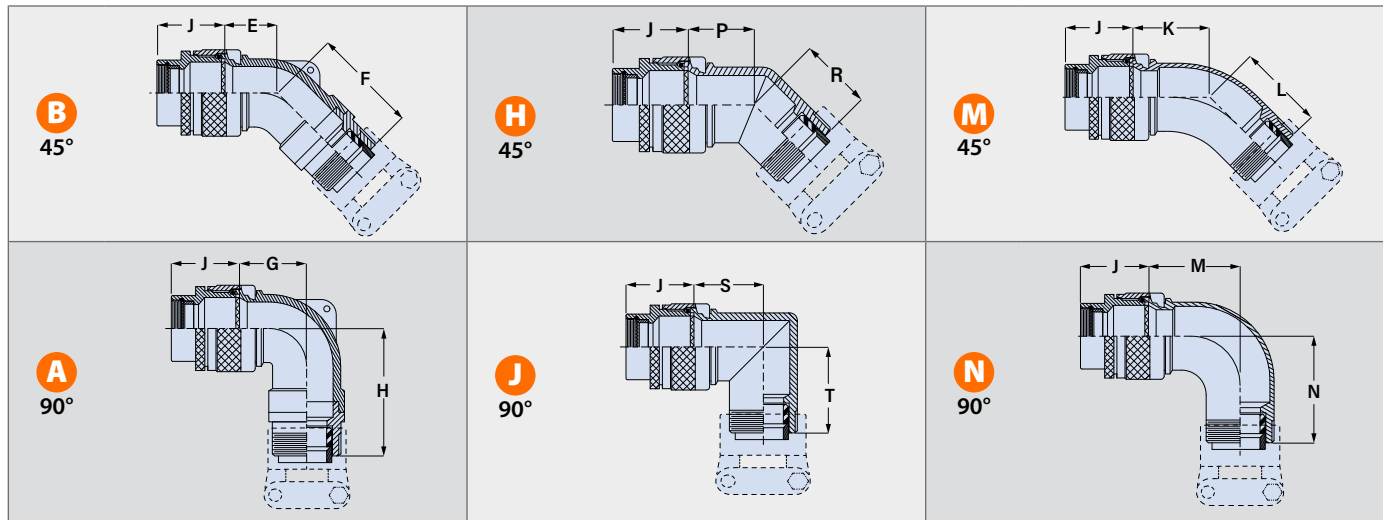
Style 1



Style 2



1) "Max Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the size shown in the table, a Style 2 front adapter will be included.



Entry Size	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	K Max in	mm	L Max in	mm	M Max in	mm	N Max in	mm	P Max in	mm	R Max in	mm	S Max in	mm	T Max in	mm
04	.567	14.4	1.399	35.5	.636	16.2	1.412	35.9	.861	21.9	1.181	30.0	1.250	31.8	1.570	39.9	.688	17.5	1.059	26.9	.870	22.1	1.239	31.5
06	.630	16.0	1.462	37.1	.710	18.0	1.532	38.9	.911	25.8	1.231	31.3	1.375	34.9	1.695	43.1	.705	17.9	1.089	27.7	.920	23.4	1.309	33.2
08	.962	17.6	1.524	38.7	.731	18.6	1.552	39.4	.965	27.0	1.285	32.6	1.500	38.1	1.820	46.2	.732	18.6	1.109	28.7	.980	24.9	1.369	34.8
10	.755	19.2	1.957	49.7	.825	21.0	1.962	49.8	1.014	29.8	1.334	33.9	1.625	41.3	1.945	49.4	.732	18.6	1.109	28.7	.980	24.9	1.369	34.8
12	.848	21.5	2.067	52.5	.988	25.1	2.052	52.1	1.064	27.0	1.384	35.2	1.750	44.5	2.070	52.6	.773	19.6	1.139	28.9	1.080	27.4	1.449	36.8
16	1.036	26.3	2.254	57.3	1.087	27.6	2.227	56.6	1.172	37.7	1.492	37.9	2.000	50.8	2.320	58.9	.823	20.6	1.209	30.7	1.200	30.5	1.599	40.6
20	1.130	28.7	2.463	62.6	1.325	33.7	2.395	60.8	1.325	33.7	1.645	41.8	2.375	60.3	2.695	68.5	1.041	26.4	1.379	34.9	1.480	37.6	1.839	46.7
24	1.255	31.9	2.503	63.6	1.337	34.0	2.548	64.7	1.325	33.7	1.645	41.8	2.375	60.3	2.695	68.5	1.092	27.7	1.419	36.0	1.610	40.9	1.929	49.0
28	1.317	33.5	2.598	66.0	1.827	46.4	2.798	71.1	1.428	36.3	1.748	44.4	2.625	66.7	2.945	74.8	1.138	28.9	1.469	37.3	1.720	43.7	2.039	51.8
32	1.348	34.2	2.813	71.5	2.027	51.5	2.818	71.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.184	30.1	1.509	38.3	1.830	46.5	2.149	54.6



Series 37 Environmental Backshells

for MIL-DTL-38999 Series I/II Connectors

370F*001 Backshell, Environmental, Spin Coupling



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

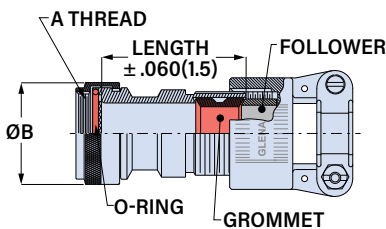
PROFILE SELECTION GUIDE

S Straight		
A 90°	B 45°	H 45°
J 90°	M 45°	N 90°

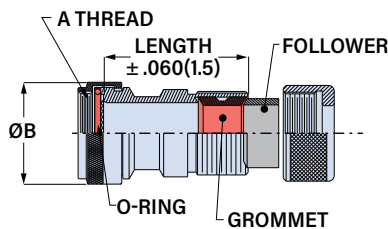
Environmental. Straight, 45° or 90°. 370F*001 backshell fits MIL-DTL-38999 Series I and II connectors. Spin coupling, environmentally sealed with O-ring and cable grommet. For use with unshielded jacketed cable. Strain relief styles include saddle clamp or low profile nut. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-ring and grommet.

PART NUMBER

		370FS001	M	16	08	D	3					
Base P/N	Base Part No.	Profile										
	370FS001	S Straight										
	370FA001	A 90° Elbow										
	370FB001	B 45° Elbow										
	370FH001	H 45° Cut/Weld										
	370FJ001	J 90° Cut/Weld										
	370FM001	M 45° Full Radius										
370FN001	N 90° Full Radius											
Material/Finish	C	Alum/ Black Anodize										
	M	Alum/ Electroless Nickel										
	MT	Alum/ Nickel-PTFE										
	NF	Alum/ Olive Drab Cadmium										
	ZR	Alum/ Black Zinc-Nickel										
	TZ	Alum/ Tin-Zinc										
ZI	SST/ Passivated (Profiles H, J, M, N, S only)											
Shell Size	38999 Series I		9	11	13	15	17	19	21	23	25	
	38999 Series II		8	10	12	14	16	18	20	22	24	
		Size Code		08	10	12	14	16	18	20	22	24
Entry Size	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*						
	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24						
	04	.312 (7.9)	10-24	20	1.250 (31.8)	24						
	06	.437 (11.1)	12-24	24	1.375 (34.9)	-						
	08	.562 (14.3)	14-24	28	1.625 (41.3)	-						
	10	.625 (15.9)	16-24	32	1.875 (47.6)	-						
	12	.750 (19.1)	18-24									
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.												
Strain Relief	H	Saddle Clamp										
	D	Nut										
				Saddle Clamp				Nut				
Length	3	1.5 inches		Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.								
	4	2.0 inches										
	6	3.0 inches										
	8	4.0 inches										



Saddle Clamp



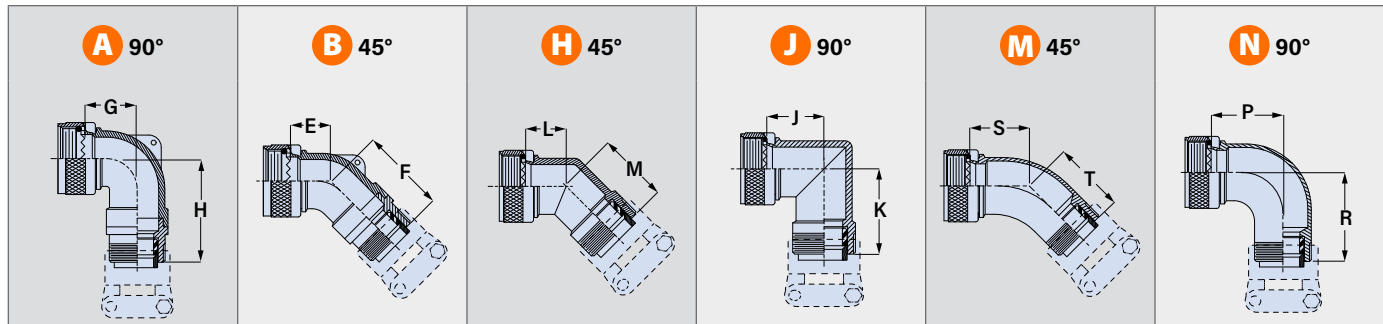
Nut

Shell Size	A Thread UNEF-2B	øB Max	
		in	mm
8/9	0.4375-28	.650	16.5
10/11	0.5625-24	.770	19.6
12/13	0.6875-24	.890	22.6
14/15	0.8125-20	1.020	25.9
16/17	0.9375-20	1.150	29.2
18/19	1.0625-18	1.230	31.2
20/21	1.1875-18	1.360	34.5
22/23	1.3125-18	1.480	37.6
24/25	1.4375-18	1.730	43.9

Series 37 Environmental Backshells

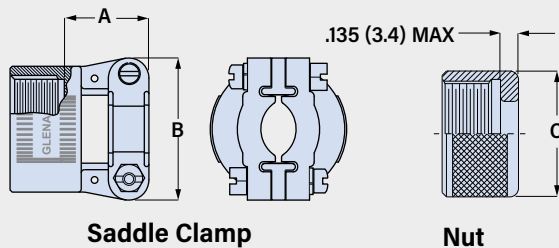
for MIL-DTL-38999 Series I/II Connectors

370F*001 Backshell, Environmental, Spin Coupling



Shell Size	E Max		F Max		G Max		H Max		J Max		K Max		L Max		M Max		P Max		R Max		S Max		T Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	.457	11.6	1.622	41.2	.500	12.7	1.632	41.5	.834	21.2	1.144	29.1	.726	18.5	1.036	26.3	1.125	28.6	1.445	36.7	.817	20.8	1.127	28.6
10/11	.520	13.2	1.682	42.7	.595	15.1	1.752	44.5	.898	22.8	1.209	30.7	.753	19.1	1.062	27.0	1.250	31.8	1.570	39.9	.861	21.9	1.181	30.0
12/13	.582	14.8	1.742	44.2	.610	15.5	1.772	45.0	.956	24.3	1.266	32.1	.777	19.7	1.087	27.6	1.375	34.9	1.695	43.1	.911	23.1	1.231	31.3
14/15	.645	16.4	2.062	52.4	.700	17.8	2.072	52.6	1.018	25.9	1.328	33.7	.802	20.4	1.113	28.3	1.500	38.1	1.820	46.2	.965	24.5	1.285	32.6
16/17	.738	18.7	2.172	55.2	.885	22.5	2.162	54.9	1.081	27.4	1.391	35.3	.828	21.0	1.138	28.9	1.625	41.3	1.945	49.4	1.014	25.8	1.334	33.9
18/19	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.125	28.6	1.435	36.4	.847	21.5	1.157	29.4	1.750	44.5	2.070	52.6	1.064	27.0	1.384	35.2
20/21	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.188	30.2	1.498	38.0	.873	22.2	1.183	30.0	1.875	47.6	2.195	55.8	1.118	28.4	1.438	36.5
22/23	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.250	31.8	1.560	39.6	.898	22.8	1.208	30.7	2.000	50.8	2.320	58.9	1.172	29.8	1.492	37.9
24/25	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.312	33.3	1.623	41.2	.942	23.5	1.234	31.4	2.125	54.0	2.445	62.1	1.221	31.0	1.541	39.1

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

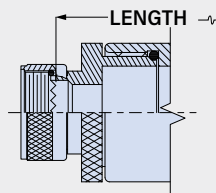
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

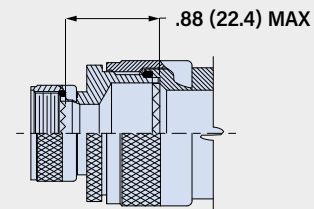
Shell Size	Maximum Entry Size
8/9	03
10/11	04
12/13	06
14/15	08
16/17	10
18/19	12
20/21	12
22/23	16
24/25	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.



Series 37 Environmental Backshells

for MIL-DTL-38999 Series III/IV Connectors

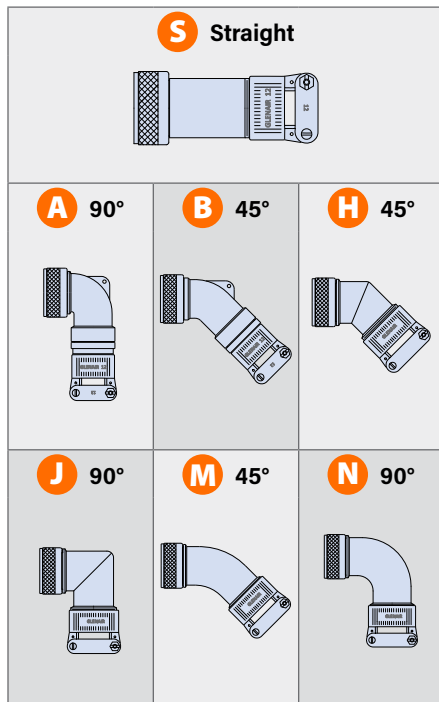
370H*001 Backshell, Environmental, Spin Coupling



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

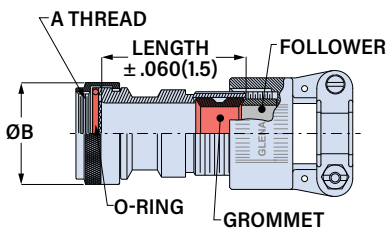


Environmental. Straight, 45° or 90°. 370H*001 backshell fits MIL-DTL-38999 Series III and IV connectors. Spin coupling, environmentally sealed with O-ring and cable grommet. For use with unshielded jacketed cable. Strain relief styles include saddle clamp or low profile nut. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-ring and grommet.

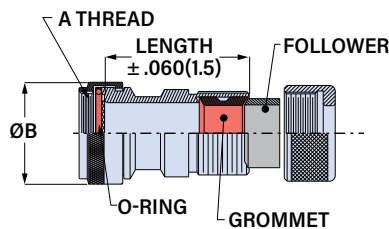
PART NUMBER

370HS001 M 13 06 H 4

Base P/N	Base Part No.	Profile				
	370HS001	S Straight				
	370HA001	A 90° Elbow				
	370HB001	B 45° Elbow				
	370HH001	H 45° Cut/Weld				
	370HJ001	J 90° Cut/Weld				
	370HM001	M 45° Full Radius				
	370HN001	N 90° Full Radius				
Material/ Finish	C	Alum/ Black Anodize				
	M	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)				
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25				
	Size Code	09 11 13 15 17 19 21 23 25				
Entry Size	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*
	03	.250 (7.9)	09-25	16	.937 (23.8)	21-25
	04	.312 (7.9)	11-25	20	1.250 (31.8)	25
	06	.437 (11.1)	13-25	24	1.375 (34.9)	-
	08	.562 (14.3)	15-25	28	1.625 (41.3)	-
	10	.625 (15.9)	15-25	32	1.875 (47.6)	-
	12	.750 (19.1)	17-25			
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.						
Strain Relief	H	Saddle Clamp				
	D	Nut				
Length	3	1.5 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.			
	4	2.0 inches				
	6	3.0 inches				
	8	4.0 inches				



Saddle Clamp



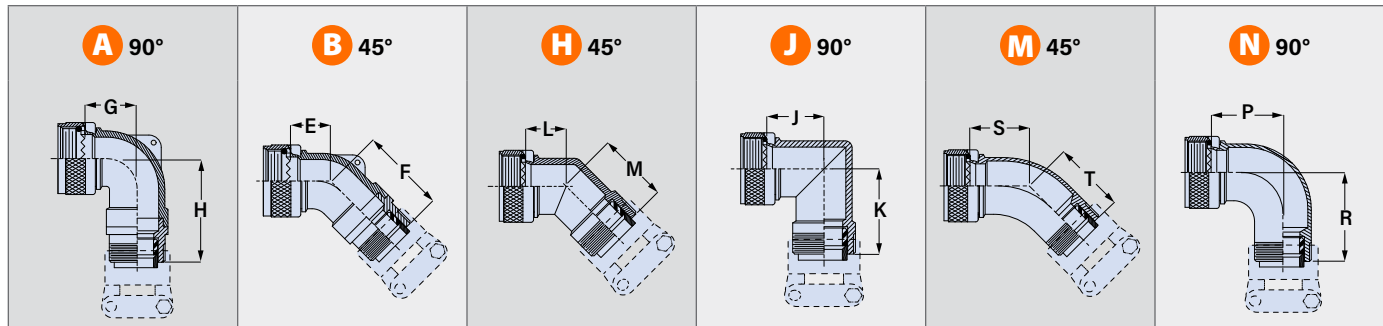
Nut

Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.770	19.6
11 (B)	M15X1.0-6H	.840	21.3
13 (C)	M18X1.0-6H	.960	24.4
15 (D)	M22X1.0-6H	1.090	27.7
17 (E)	M25X1.0-6H	1.230	31.2
19 (F)	M28X1.0-6H	1.360	34.5
21 (G)	M31X1.0-6H	1.480	37.6
23 (H)	M34X1.0-6H	1.600	40.6
25 (J)	M37X1.0-6H	1.720	43.7

Series 37 Environmental Backshells

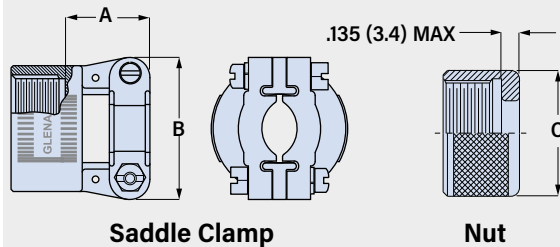
for MIL-DTL-38999 Series III/IV Connectors

370H*001 Backshell, Environmental, Spin Coupling



Shell Size	E Max		F Max		G Max		H Max		J Max		K Max		L Max		M Max		P Max		R Max		S Max		T Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.457	11.6	1.622	41.2	.500	12.7	1.632	41.5	.834	21.2	1.144	29.1	.726	18.5	1.036	26.3	1.125	28.6	1.445	36.7	.817	20.8	1.127	28.6
11 (B)	.520	13.2	1.682	42.7	.595	15.1	1.752	44.5	.898	22.8	1.209	30.7	.753	19.1	1.062	27.0	1.250	31.8	1.570	39.9	.861	21.9	1.181	30.0
13 (C)	.582	14.8	1.742	44.2	.610	15.5	1.772	45.0	.956	24.3	1.266	32.1	.777	19.7	1.087	27.6	1.375	34.9	1.695	43.1	.911	23.1	1.231	31.3
15 (D)	.645	16.4	2.062	52.4	.700	17.8	2.072	52.6	1.018	25.9	1.328	33.7	.802	20.4	1.113	28.3	1.500	38.1	1.820	46.2	.965	24.5	1.285	32.6
17 (E)	.738	18.7	2.172	55.2	.885	22.5	2.162	54.9	1.081	27.4	1.391	35.3	.828	21.0	1.138	28.9	1.625	41.3	1.945	49.4	1.014	25.8	1.334	33.9
19 (F)	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.125	28.6	1.435	36.4	.847	21.5	1.157	29.4	1.750	44.5	2.070	52.6	1.064	27.0	1.384	35.2
21 (G)	.926	23.5	2.362	60.0	.975	24.8	2.332	59.2	1.188	30.2	1.498	38.0	.873	22.2	1.183	30.0	1.875	47.6	2.195	55.8	1.118	28.4	1.438	36.5
23 (H)	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.250	31.8	1.560	39.6	.898	22.8	1.208	30.7	2.000	50.8	2.320	58.9	1.172	29.8	1.492	37.9
25 (J)	1.020	25.9	2.512	63.8	1.125	28.6	2.442	62.0	1.312	33.3	1.623	41.2	.942	23.5	1.234	31.4	2.125	54.0	2.445	62.1	1.221	31.0	1.541	39.1

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

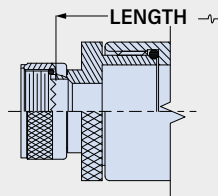
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

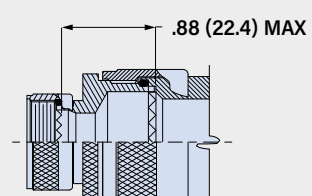
Shell Size	Maximum Entry Size
9 (A)	03
11 (B)	04
13 (C)	06
15 (D)	10
17 (E)	12
19 (F)	12
21 (G)	16
23 (H)	16
25 (J)	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.



Series 37 Environmental Backshells

for MIL-DTL-28840 Connectors

370G*007 Backshell, Environmental, Spin Coupling



Submersible. Straight, 45° or 90°. 370G*007 backshell fits MIL-DTL-28840 connectors. Spin coupling, environmentally sealed with cable grommet. When tightened onto connector, adapter body compresses connector rear grommet for watertight seal. For use with unshielded jacketed cable. Strain relief styles include saddle clamp or low profile nut. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone grommet.

Adapter Code **G**

This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

PROFILE SELECTION GUIDE

S Straight

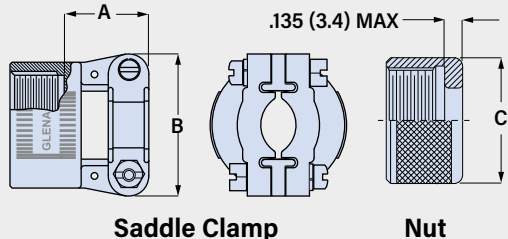
H 45°

J 90°

PART NUMBER

		370GS007	ZU	17	08	D	3			
Base P/N	Base Part No.	Profile								
	370GS007	S Straight								
	370GH007	H 45° Cut/Weld								
	370GJ007	J 90° Cut/Weld								
Material/Finish	M	Alum/Electroless Nickel								
	NF	Alum/Cadmium, Olive Drab								
	ZR	Alum/Black Zinc-Nickel								
	TZ	Alum/Tin-Zinc								
	ZI	SST/Passivated								
	ZU	SST/Cadmium, Black								
	ZTZ	SST/Tin-Zinc								
Shell Size	Shell Size	11	13	15	17	19	23	25	29	33
	A	B	C	D	E	F	G	H	J	
	Size Code	11	13	15	17	19	23	25	29	33
Entry Size	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*				
	04	.312 (7.9)	11-33	16	.937 (23.8)	23-33				
	06	.437 (11.1)	13-33	20	1.250 (31.8)	29-33				
	08	.562 (14.3)	15-33	24	1.375 (34.9)	29-33				
	10	.625 (15.9)	15-33	28	1.625 (41.3)	33				
	12	.750 (19.1)	19-33	32	1.875 (47.6)	-				
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.										
Strain Relief	H	Saddle Clamp								
	D	Nut								
Length	3	1.5 inches	Applies to Profile S only.							
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch							
	6	3.0 inches	minimum applies.							
	8	4.0 inches								

STRAIN RELIEF DIMENSIONS



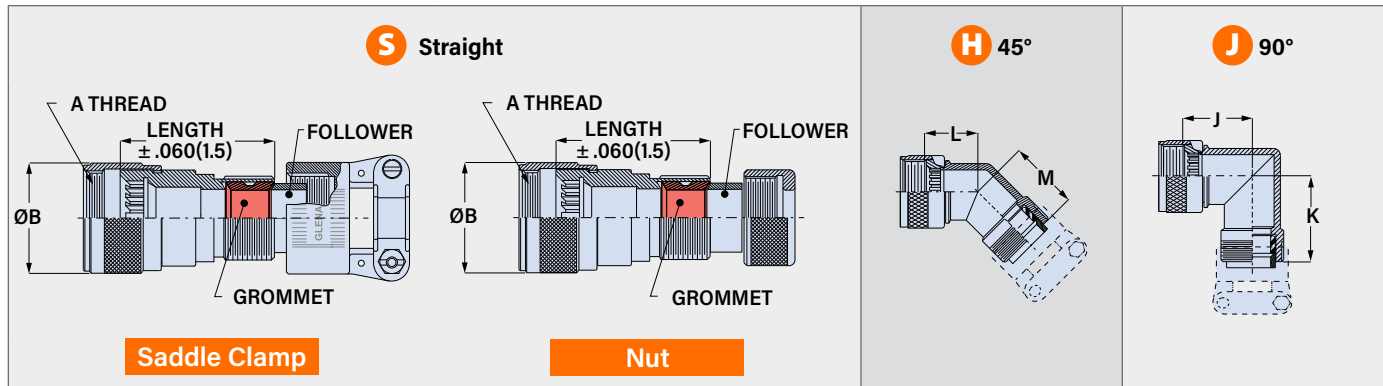
Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

* Not applicable to Style D Nut.

Series 37 Environmental Backshells

for MIL-DTL-28840 Connectors

370G*007 Backshell, Environmental, Spin Coupling



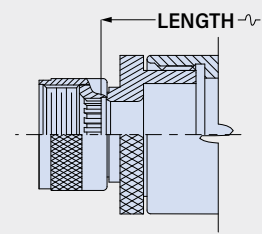
Size Code	Shell Size	A Thread Class 2B	øB Max in	øB Max mm	L Max in	L Max mm	M Max in	M Max mm	J Max in	J Max mm	K Max in	K Max mm
11	A (11)	.750-20 UNEF	.94	23.9	1.24	31.5	1.05	26.7	1.38	35.1	1.19	30.2
13	B (13)	.875-20 UNEF	1.02	25.9	1.26	32.0	1.07	27.2	1.44	36.6	1.25	31.8
15	C (15)	1.000-20 UNEF	1.21	30.7	1.29	32.8	1.10	27.9	1.50	38.1	1.32	33.5
17	D (17)	1.125-18 UNEF	1.36	34.5	1.31	33.3	1.12	28.4	1.57	39.9	1.38	35.1
19	E (19)	1.250-18 UNEF	1.53	38.9	1.34	34.0	1.15	29.2	1.63	41.4	1.46	37.1
23	F (23)	1.438-18 UNEF	1.73	43.9	1.38	35.1	1.19	30.2	1.73	43.9	1.54	39.1
25	G (25)	1.562-18 UNEF	1.82	46.2	1.41	35.8	1.22	31.0	1.80	45.7	1.61	40.9
29	H (29)	1.875-16 UN	2.19	55.6	1.58	40.1	1.39	35.3	2.04	51.8	1.85	47.0
33	J (33)	2.062-16 UNS	2.44	62.0	1.62	41.1	1.43	36.3	2.13	54.1	1.94	49.3

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

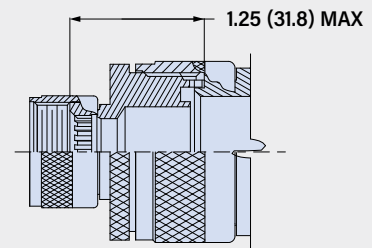
Shell Size	Maximum Entry Size
A (11)	04
B (13)	06
C (15)	10
D (17)	10
E (19)	12
F (23)	16
G (25)	16
H (29)	24
J (33)	28

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.25 inches.

Series 37 Environmental Backshells

for Series 80 Mighty Mouse Connectors

370MS037 Backshell, Environmental, Direct Coupling



Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

APPLICATION NOTE

This backshell has a *full radius* saddle clamp. This type of strain relief is designed to be fully bottomed onto the frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp. See E dimension in Table 2 for the diameter of the fully bottomed saddles.

Environmental. Low profile. Direct coupling. 370MS037 backshell fits Glenair Series 80 Mighty Mouse connectors. Environmentally sealed with O-rings. For use with unshielded cable. Strain relief styles include full radius saddle clamp or low profile nut. Saddle clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings.

PART NUMBER

370MS037		M	05	02	-6								
Base P/N	370MS037	Straight											
Material/Finish	C	Alum/Black Anodize											
	M	Alum/Electroless Nickel											
	MT	Alum/Nickel-PTFE											
	NF	Alum/Olive Drab Cadmium											
	ZR	Alum/Black Zinc-Nickel											
	TZ	Alum/Tin-Zinc											
ZI	SST/Passivated												
Shell Size Code	05	06	07	08	09	10	11	12	13	14	16	17	
(See Table 1)													
Entry Size	01	02	03	04	05	06	07	08	09	10	11	12	13
(See Table 2)													
Length	Length Code		Length		Length Code		Length		Length in 1/8 inch increments.				
	5	.63	(16.0)	10	1.25	(31.8)							
	6	.75	(19.1)	12	1.50	(38.1)							
	8	1.00	(25.4)	16	2.00	(50.8)							
Strain Relief	Omit for saddle clamp												
	N Nut												

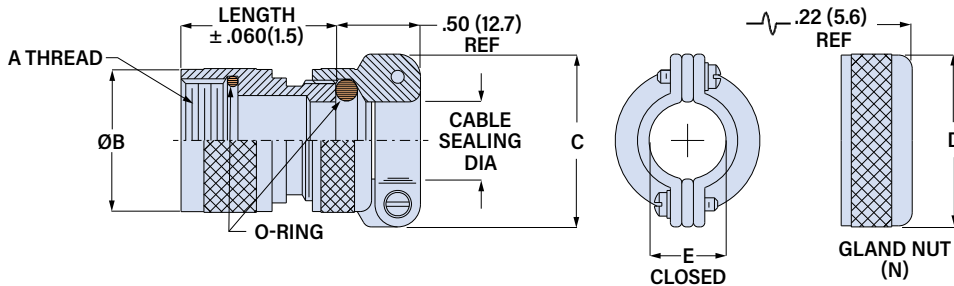


TABLE 1: SHELL SIZE

Size Code	Shell Size		A Thread UNEF-2B	øB Max	
	Series 800, 801, 803, 804	Series 805		in	mm
05	5	N/A	0.250-32	.350	8.9
06	6	N/A	0.3125-32	.415	10.5
11	N/A	8	0.3750-32	.465	11.8
07	7	9	0.4375-28	.530	13.5
08	8	10	0.500-28	.595	15.1
09	9	11	0.5625-24	.650	16.5
10	10	12	0.625-24	.715	18.2
12	11, 12, 13	13	0.6875-24	.785	19.9
13	N/A	15	0.750-20	.830	21.1
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9
16	19	21	1.0625-18	1.155	29.3
17	21	23	1.1875-18	1.280	32.5

TABLE 2: ENTRY SIZE

Entry Size	Cable Sealing Dia.				C		øD		øE Closed	
	Min in	Min mm	Max in	Max mm	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	in	mm
01	.031	0.8	.109	2.8	.496	12.6	.398	10.1	.11	2.8
02	.078	2.0	.172	4.4	.582	14.8	.460	11.7	.17	4.3
03	.140	3.6	.234	5.9	.656	16.7	.523	13.3	.23	5.8
04	.203	5.2	.297	7.5	.726	18.4	.585	14.9	.30	7.6
05	.265	6.7	.359	9.1	.885	22.5	.647	16.4	.36	9.1
06	.328	8.3	.422	10.7	.952	24.2	.710	18.0	.42	10.7
07	.390	9.9	.484	12.3	1.018	25.9	.773	19.6	.48	12.2
08	.453	11.5	.547	13.9	1.084	27.5	.835	21.2	.55	14.0
09	.515	13.1	.609	15.5	1.148	29.2	.897	22.8	.61	15.5
10	.578	14.7	.672	17.1	1.211	30.8	.959	24.4	.67	17.0
11	.640	16.3	.734	18.6	1.273	32.3	1.021	25.9	.73	18.5
12	.765	19.4	.859	21.8	1.400	35.6	1.083	27.5	.86	21.8
13	.906	23.0	1.000	25.4	1.539	39.1	1.145	29.1	.99	25.1

Series 37 Environmental Backshells

for Series 80 Mighty Mouse Connectors

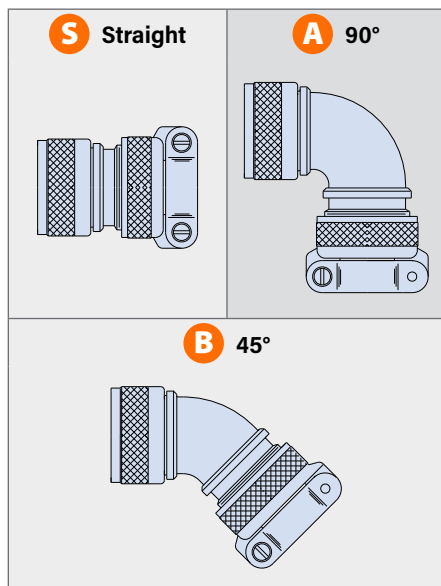
370M*038 Backshell, Environmental, Spin Coupling



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

PROFILE SELECTION GUIDE



APPLICATION NOTE

This backshell has a *full radius* saddle clamp. This type of strain relief is designed to be fully bottomed onto the frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.

Environmental. Low profile. Straight, 45°, and 90°. 370M*038 backshell fits Glenair Series 80 Mighty Mouse connectors. Environmentally sealed with O-rings. For use with unshielded cable. Strain relief styles include full radius saddle clamp or low profile nut. Saddle clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings.

PART NUMBER

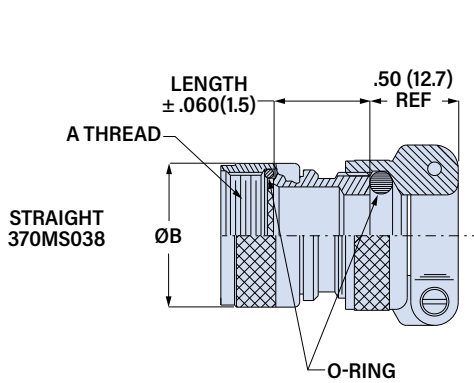
370MS038 MT 13 08 -8

Base P/N	Base Part No. Profile						
	370MS038 S Straight						
	370MB038 B 45°						
	370MA038 A 90°						
Material/Finish	C Alum/Black Anodize						
	M Alum/Electroless Nickel						
	MT Alum/Nickel-PTFE						
	NF Alum/Olive Drab Cadmium						
	ZR Alum/Black Zinc-Nickel						
	TZ Alum/Tin-Zinc						
	ZI SST/Passivated						
Shell Size	Shell Size						
	Size Code	Series 800, 801, 803, 804	Series 805	A Thread UNEF-2B			
	05	5	N/A	0.250-32			
	06	6	N/A	0.3125-32			
	11	N/A	8	0.3750-32			
	07	7	9	0.4375-28			
	08	8	10	0.500-28			
	09	9	11	0.5625-24			
	10	10	12	0.625-24			
	12	11, 12, 13	13	0.6875-24			
	13	N/A	15	0.750-20			
	14	14, 15, 16, 17	18, 19	0.9375-20			
	16	19	21	1.0625-18			
	17	21	23	1.1875-18			
	Entry Size	Entry Size	Cable Dia. Min	Cable Dia. Max	Entry Size	Cable Dia. Min	Cable Dia. Max
		01	.031	.109	08	.453	.547
		02	.078	.172	09	.515	.609
03		.140	.234	10	.578	.672	
04		.203	.297	11	.640	.734	
05		.265	.359	12	.765	.859	
06		.328	.422	13	.906	1.000	
07		.390	.484				
Length		Length Code	Length	Length Code	Length	Length applies to Profile S (straight) only, in 1/8 inch increments.	
		5	.63 (16.0)	10	1.25 (31.8)		
	6	.75 (19.1)	12	1.50 (38.1)			
	8	1.00 (25.4)	16	2.00 (50.8)			
Strain Relief	Omit for saddle clamp						
	N	Nut					

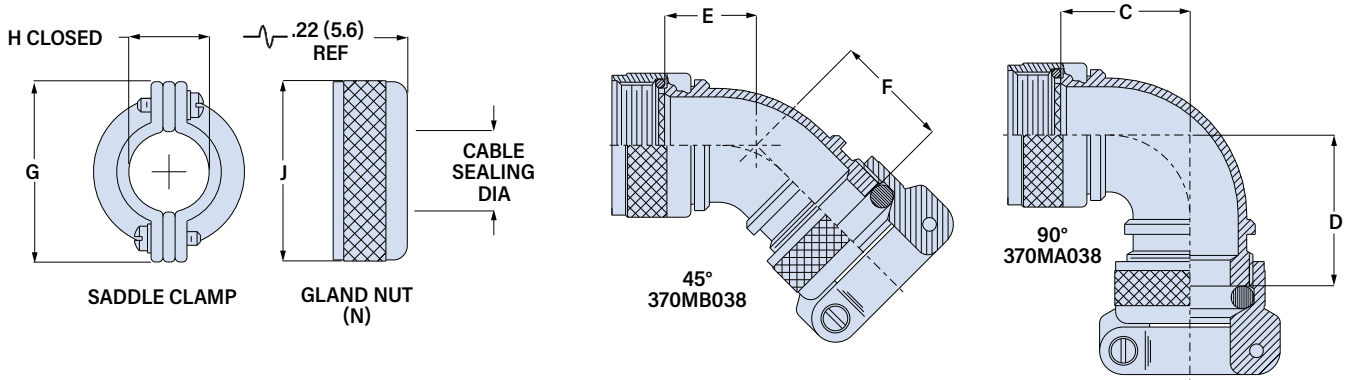
Series 37 Environmental Backshells

for Series 80 Mighty Mouse Connectors

370M*038 Backshell, Environmental, Spin Coupling



Size Code	Shell Size Series		A Thread UNEF-2B	øB Max	
	800, 801, 803, 804	Series 805		in	mm
05	5	N/A	0.250-32	.470	11.9
06	6	N/A	0.3125-32	.530	13.5
11	N/A	8	0.3750-32	.570	14.5
07	7	9	0.4375-28	.637	16.2
08	8	10	0.500-28	.700	17.8
09	9	11	0.5625-24	.758	19.3
10	10	12	0.625-24	.819	20.8
12	11, 12, 13	13	0.6875-24	.896	22.8
13	N/A	15	0.750-20	.930	23.6
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9
16	19	21	1.0625-18	1.230	31.2
17	21	23	1.1875-18	1.387	35.2



Entry Size	Cable Sealing Dia.				C Max				D Max				E Max		F Max		G Typ. ±.015 (0.4)		øH Closed ±.03 (0.8)		øJ ±.015 (0.4)	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
01	.031	0.8	.109	2.8	.724	18.4	.702	17.8	.603	15.3	.581	14.8	.496	12.6	.11	2.8	.398	10.1				
02	.078	2.0	.172	4.4	.724	18.4	.702	17.8	.603	15.3	.581	14.8	.582	14.8	.17	4.3	.460	11.7				
03	.140	3.6	.234	5.9	.724	18.4	.702	17.8	.603	15.3	.581	14.8	.656	16.7	.23	5.8	.523	13.3				
04	.203	5.2	.297	7.5	.786	20.0	.764	19.4	.629	16.0	.607	15.4	.726	18.4	.30	7.6	.585	14.9				
05	.265	6.7	.359	9.1	.786	20.0	.764	19.4	.629	16.0	.607	15.4	.885	22.5	.36	9.1	.647	16.4				
06	.328	8.3	.422	10.7	.848	21.5	.826	21.0	.655	16.6	.633	16.1	.952	24.2	.42	10.7	.710	18.0				
07	.390	9.9	.484	12.3	.848	21.5	.826	21.0	.655	16.6	.633	16.1	1.018	25.9	.48	12.2	.773	19.6				
08	.453	11.5	.547	13.9	.911	23.1	.889	22.6	.707	18.0	.685	17.4	1.084	27.5	.55	14.0	.835	21.2				
09	.515	13.1	.609	15.5	.911	23.1	.889	22.6	.707	18.0	.685	17.4	1.148	29.2	.61	15.5	.897	22.8				
10	.578	14.7	.672	17.1	.973	24.7	.951	24.2	.733	18.6	.711	18.1	1.211	30.8	.67	17.0	.959	24.4				
11	.640	16.3	.734	18.6	.973	24.7	.951	24.2	.733	18.6	.711	18.1	1.273	32.3	.73	18.5	1.021	25.9				
12	.765	19.4	.859	21.8	1.036	26.3	1.014	25.8	.785	19.9	.763	19.4	1.400	35.6	.86	21.8	1.083	27.5				
13	.906	23.0	1.000	25.4	1.098	27.9	1.076	27.3	.811	20.6	.789	20.0	1.539	39.1	.99	25.1	1.145	29.1				

Series 37 Environmental Backshells

for Series 970 PowerTrip® Connectors

370P*024 Backshell, Environmental, Spin Coupling

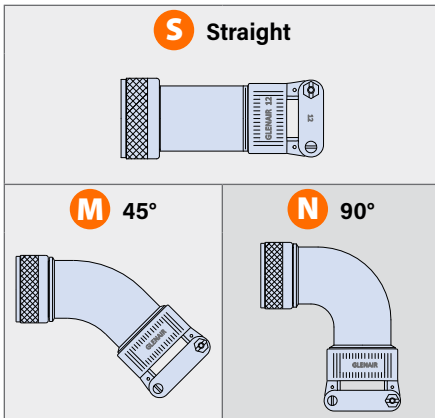


Self-Locking

Adapter Code P

This accessory fits Glenair Series 970 PowerTrip Connectors

PROFILE SELECTION GUIDE

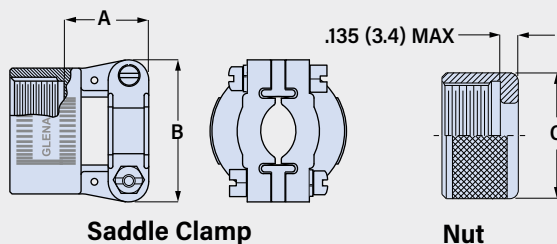


Submersible. Straight, 45° or 90°. 370P*024 backshell fits Glenair Series 970 PowerTrip connectors. Spin coupling, environmentally sealed. For use with unshielded jacketed cable. Strain relief styles include saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Available in aluminum or stainless steel.

PART NUMBER

		370PS024	ME	20	06	H	4	
Base P/N	Base Part No.	370PS024						
	Profile	S Straight						
		M 45° Full Radius						
		N 90° Full Radius						
Material/Finish	C	Alum/ Black Anodize						
	ME	Alum/ Electroless Nickel						
	MT	Alum/ Nickel-PTFE						
	NF	Alum/ Olive Drab Cadmium						
	ZR	Alum/ Black Zinc-Nickel						
	TZ	Alum/ Tin-Zinc						
	ZI	SST/ Passivated						
Shell Size		18	20	24	28	32	36	40
Entry Size	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*		
	04	.312 (7.9)	18-40	16	.937 (23.8)	24-40		
	06	.437 (11.1)	18-40	20	1.250 (31.8)	28-40		
	08	.562 (14.3)	18-40	24	1.375 (34.9)	32-40		
	10	.625 (15.9)	18-40	28	1.625 (41.3)	36-40		
	12	.750 (19.1)	20-40	32	1.875 (47.6)	40		
	* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.							
Strain Relief	H	Saddle Clamp						
	D	Nut		Saddle Clamp		Nut		
Length		inches	Shell Sizes					
		Length (mm)						
	6	3 (76)	18, 20					
	8	4 (102)	18-40					
	10	5 (127)	18-40					
12	6 (152)	18-40						
Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 5 inch minimum applies.								

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		oC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

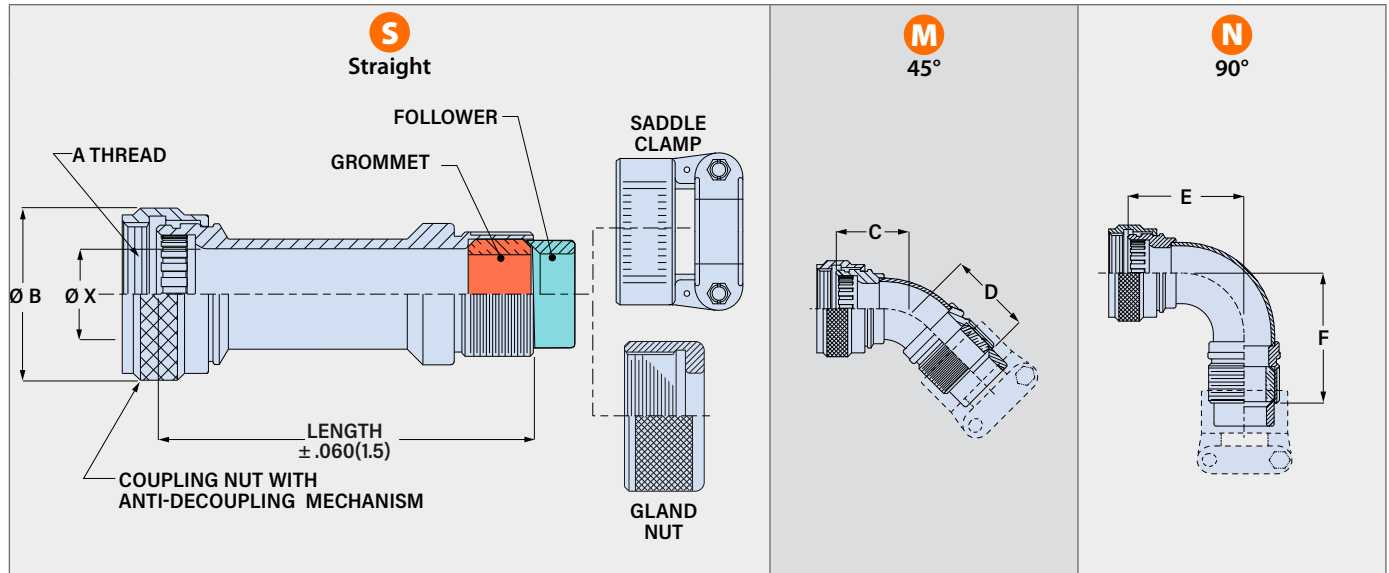
* Not applicable to Style D Nut.

Series 37 Environmental Backshells

for Series 970 PowerTrip® Connectors

370P*024 Backshell, Environmental, Spin Coupling

DIMENSIONS



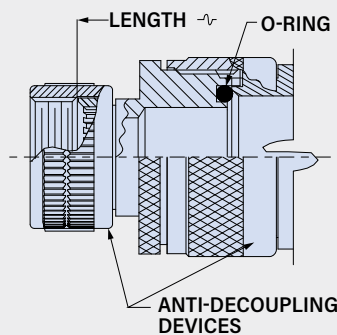
Shell Size	A Thread	Ø B Max in mm	C Max in mm	D Max in mm	E Max in mm	F Max in mm	Ø X Min in mm	Max Entry Size
18	1.125-18 UNEF-2B	1.39 35.3	1.250 31.8	2.468 62.7	1.906 48.4	1.812 46.0	.724 18.4	10
20	1.250-18 UNEF-2B	1.53 38.9	1.312 33.3	2.657 67.5	2.031 51.6	1.938 49.2	.858 21.8	12
24	1.4375-18 UNEF-2B	1.72 43.7	1.46 35.7	3.063 77.8	2.281 57.9	2.188 55.6	1.043 26.5	16
28	1.8125-16 UN-2B	2.13 54.1	1.500 38.1	3.656 92.9	2.531 64.3	2.625 66.7	1.353 34.4	20
32	2.0625-16 UNS-2B	2.35 59.7	1.675 42.5	3.845 97.7	2.625 66.7	2.895 73.5	1.620 41.2	24
36	2.250-16 UN-2B	2.59 65.8	1.799 45.7	4.230 107.4	2.875 73.0	3.145 79.9	1.823 46.3	28
40	2.500-16 UN-2B	2.87 70.6	1.861 47.3	4.459 113.3	3.025 76.8	3.295 83.7	2.050 52.1	32

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

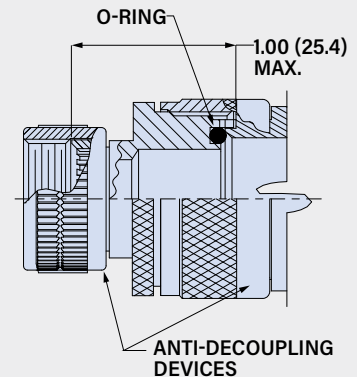
Shell Size	Maximum Entry Size
18	10
20	12
24	16
28	20
32	24
36	28
40	32

Style 2 Straight Backshell



Profile **S** straight backshell minimum length code is 10 (5 inches).

Style 2 45° and 90° Backshells



For Profile **M** and **N** 45° and 90° backshells, the length increases by 1 inch.

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY

ARMORLITE™

Microfilament nickel-clad expandable stainless steel EMI/RFI braided shielding



Save weight and total cost-of-ownership every time you fly! All-Up-Weight (AUW) has met its match: ArmorLite™ microfilament stainless steel braid saves significant weight compared to standard QQ-B-575/A-A-59569 EMI/RFI shielding, as well as competitor solutions such as 44 AWG NiCu. By way of comparison, 100 feet of 5/8 inch ArmorLite™ is more than four pounds lighter than standard shielding.

ArmorLite™ is an expandable, flexible, high-strength, conductive stainless steel microfilament braid material designed for use as EMI/RFI shielding in high-performance wire interconnect systems. ArmorLite™ is packaged in a wide range of formats including bulk expandable shielding, mesh tape, turnkey backshell shield sock assemblies, factory overbraiding, ground straps, HSTs, and more. ArmorLite™ offers superior temperature tolerance compared to other lightweight tubular braided shielding including microfilament composite technologies. New ArmorLite™ CF offers advanced



New enhanced corrosion resistance ArmorLite™ CF

corrosion protection compared to all other shielding types with comparable electrical performance due to its innovative combination of conductive copper filament and stainless steel cladding.

- Ultra-lightweight EMI/RFI braided sleeving for high-temperature applications -80°C to +260°C
- Microfilament stainless steel: 70% lighter than NiCu A-A-59569/QQB575
- Outstanding EMI/RFI shielding and conductivity
- ArmorLite™ CF with enhanced corrosion protection now available
- Superior flexibility and “windowing” resistance: 90 to 95% optical coverage
- 70,000 psi (min.) tensile strength
- Best performing metallic braid during lightning tests (IAW ANSI/EIA-364-75-1997 Waveform 5B)

Series 38 EMI Backshells

Selection Guide

Series 38 EMI Backshells



Series 38 EMI backshells protect electrical wiring harnesses from electromagnetic interference. For use with shielded cable. Non-environmental. Heavy duty Type H saddle clamp has telescoping screws and die cast saddles. Two grounding rings provide low resistance termination of braided overall and individual shields.

Adapter Code

A

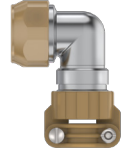
AS50151 crimp
AS95234
MIL-DTL-26482 Ser. II
MIL-DTL-83723 Ser. III



EMI Backshell,
Spin Coupling
380A*103
Page 38-2



EMI Backshell,
Self-Locking
380A*105
Page 38-4



EMI Backshell,
Composite, Self-Locking
380A*099
Page 38-6

Adapter Code

B

AS50151 Solder



EMI Backshell,
Direct Coupling
380B*002
Page 38-7

Adapter Code

D

MIL-DTL-26482
Series I



EMI Backshell,
Direct Coupling
380D*002
Page 38-9

Adapter Code

F

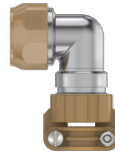
MIL-DTL-38999
Series I and II



EMI Backshell,
Spin Coupling
380F*103
Page 38-10



EMI Backshell,
Self-Locking
380F*105
Page 38-12



EMI Backshell,
Composite, Self-Locking
380F*099
Page 38-14

Adapter Code

G

MIL-DTL-28840



EMI Backshell,
Spin Coupling
380G*011
Page 38-15

Adapter Code

H

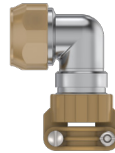
MIL-DTL-38999
Series III and IV



EMI Backshell,
Spin Coupling
380H*103
Page 38-17



EMI Backshell,
Self-Locking
380H*105
Page 38-19



EMI Backshell,
Composite, Self-Locking
380H*099
Page 38-21

Adapter Code

P

Series 970
PowerTrip



EMI Backshell,
Self-Locking
380P*105
Page 38-29

Adapter Code

M

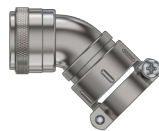
Series 80
Mighty Mouse



EMI Backshell,
Direct Coupling
380MS135
Page 38-22



EMI Backshell,
Spin Coupling, Lo Prof.
380MS141
Page 38-23



EMI Backshell,
Spin Coupling
380M*137
Page 38-24

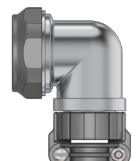
Adapter Code

V

Series 806
Mil-Aero



EMI Backshell,
Self-Locking
380V*143
Page 38-26



EMI Backshell,
Spin Coupling
387V*243
Page 38-28

Series 38 EMI Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

380A*103 EMI Backshell, Spin Coupling



Shielded. Straight, 45° or 90°. 380A*103 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Spin coupling. Cone and ring shield termination. Two ground rings for terminating individual and overall braid shields. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code	A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

PROFILE SELECTION GUIDE

S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°
M 45°	N 90°

PART NUMBER

380AS103	M	10	04	H	4
-----------------	----------	-----------	-----------	----------	----------

Base Part No.	Profile	Shell Size
380AS103	S Straight	08-28
380AA103	A 90° Elbow	08-28
380AB103	B 45° Elbow	08-28
380AC103	C 90° Low Prof.	10-24
380AD103	D 90° Split	08-24
380AF103	F 45° Split	08-24
380AH103	H 45° Cut/Weld	08-24
380AJ103	J 90° Cut/Weld	08-24
380AM103	M 45° Full Radius	08-28
380AN103	N 90° Full Radius	08-28

Material/Finish	
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated (Profiles H, J, M, N, S only)

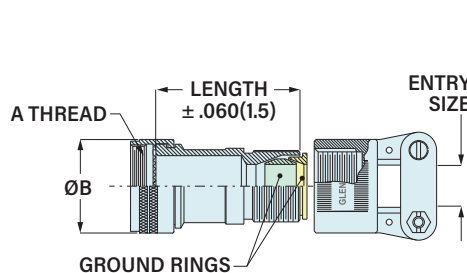
Shell Size	08	10	12	14	16	18	20	22	24	28
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Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*
	03	.250 (7.9)	08-28	16	.937 (23.8)	22-28
04	.312 (7.9)	10-28	20	1.250 (31.8)	28	
06	.437 (11.1)	12-28	24	1.375 (34.9)	28	
08	.562 (14.3)	14-28	28	1.625 (41.3)	-	
10	.625 (15.9)	16-28	32	1.875 (47.6)	-	
12	.750 (19.1)	18-28				

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

⚠ Profile **C** entry size cannot exceed shell size range listed in table.

Strain Relief	H	Saddle Clamp	
Length	3	1.5 inches	<i>Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>
	4	2.0 inches	
	6	3.0 inches	
	8	4.0 inches	



Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9
28	1.750-18 UNS	1.97	50.0

Series 38 EMI Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

380A*105 EMI Backshell, Self-Locking

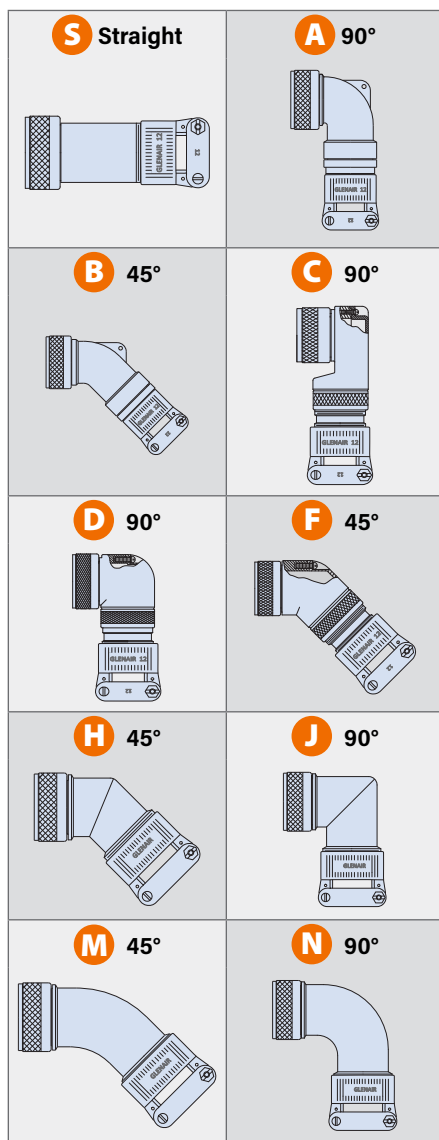


Self-Locking

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

PROFILE SELECTION GUIDE



PART NUMBER

Base P/N	Profile	Shell Size
380AS105	S Straight	08-40
380AA105	A 90° Elbow	08-28
380AB105	B 45° Elbow	08-28
380AC105	C 90° Low Prof.	08-24
380AD105	D 90° Split	08-24
380AF105	F 45° Split	08-24
380AH105	H 45° Cut/Weld	08-40
380AJ105	J 90° Cut/Weld	08-40
380AM105	M 45° Full Radius	08-40
380AN105	N 90° Full Radius	08-40

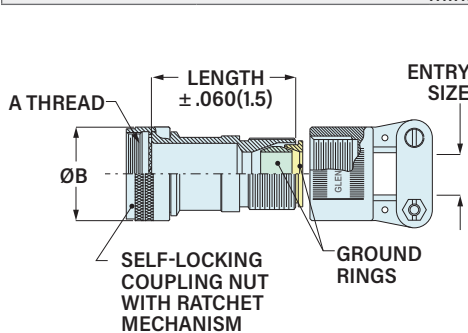
Material/Finish	Material/Finish
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated (Profiles H, J, M, N, S only)

Shell Size	08	10	12	14	16	18	20	22	24	28	32	36	40
Entry Size	03	04	06	08	10	12	16	20	24	28	32		
Max. Cable Dia.	.250 (7.9)	.312 (7.9)	.437 (11.1)	.562 (14.3)	.625 (15.9)	.750 (19.1)	.937 (23.8)	1.250 (31.8)	1.375 (34.9)	1.625 (41.3)	1.875 (47.6)		
Shell Size*	08-40	10-40	12-40	14-40	16-40	18-40	22-40	28-40	28-40	32-40	40		

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See *Maximum Entry Size* for details.
 ⚠ Profile **C** entry size cannot exceed shell size range listed in table.

Strain Relief	H	Saddle Clamp
Length	3	1.5 inches
	4	2.0 inches
	6	3.0 inches
	8	4.0 inches

Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.



Shell Size	A Thread Class 2B	ØB Max in	ØB Max mm
08	0.500-20 UNF	.69	17.5
10	0.625-24 UNEF	.82	20.8
12	0.750-20 UNEF	.94	23.8
14	0.875-20 UNEF	1.06	26.9
16	1.000-20 UNEF	1.17	29.7
18	1.0625-18 UNEF	1.46	37.1
20	1.1875-18 UNEF	1.60	40.6
22	1.3125-18 UNEF	1.70	43.2
24	1.4375-18 UNEF	1.84	46.7
28	1.750-18 UNS	2.01	51.1
32	2.000-18 UNS	2.26	57.4
36	2.250-16 UN	2.53	64.3
40	2.500-16 UN	3.04	77.2

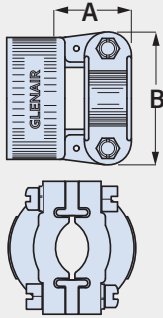


Series 38 EMI Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

380A*105 EMI Backshell, Self-Locking

STRAIN RELIEF DIMENSIONS



Entry Size	Cable Range							
	A Max		B Max		Min		Max	
	in	mm	in	mm	in	mm	in	mm
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

⚠ Profile C backshells are not available with entry sizes larger than shown in table.

Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	03	22	16
10	04	24	16
12	06	28	24
14	08	32	28
16	10	36	28
18	12	40	32
20	12		

Profile A Standard 90° 	Profile B Standard 45° 	Profile C Low Profile Split 90° 	Profile D Split 90°
Profile F Split 45° 	Profile H Cut/Weld 45° 	Profile J Cut/Weld 90° 	Profile M Full Radius 45°
		Profile N Full Radius 90° 	

Style 2 Straight Backshell

For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells

For Style 2 45° and 90° backshells, the length increases by 1.00 inches.

Shell Size	A Max		B Max		C Max		D Max		E Max		F Max		G Max		Max Wire Bundle		H Max		J Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.656	16.7	1.612	40.9	.613	15.6	1.062	40.7	.496	12.6	.837	21.3	1.780	45.2	.250	6.4	.836	21.2	1.530	38.9
10	.751	19.1	1.732	44.0	.676	17.2	1.662	42.2	.426	10.8	.887	22.5	1.940	49.3	.375	9.5	.906	23.0	1.590	40.4
12	.766	19.5	1.752	44.5	.738	18.7	1.722	43.7	.426	10.8	.887	22.5	1.940	49.3	.375	9.5	.966	24.5	1.660	42.2
14	.856	21.7	2.072	52.6	.801	20.3	2.062	52.4	.436	11.1	.987	25.1	2.010	51.1	.500	12.7	1.026	26.1	1.690	42.9
16	1.041	26.4	2.162	54.9	.894	22.7	2.172	55.2	.576	14.6	1.137	28.9	2.060	52.3	.625	15.9	1.086	27.6	1.790	45.5
18	1.131	28.7	2.332	59.2	1.082	27.5	2.362	60.0	.796	20.2	1.337	34.0	2.090	53.1	.625	15.9	1.156	29.4	1.850	47.0
20	1.131	28.7	2.332	59.2	1.082	27.5	2.362	60.0	.796	20.2	1.337	34.0	2.090	53.1	.625	15.9	1.216	30.9	1.910	48.5
22	1.281	32.5	2.442	62.0	1.176	29.9	2.512	63.8	.696	17.7	1.337	34.0	2.240	56.9	.750	19.1	1.276	32.4	1.970	50.0
24	1.281	32.5	2.442	62.0	1.176	29.9	2.512	63.8	.696	17.7	1.337	34.0	2.240	56.9	.750	19.1	1.336	33.9	2.030	51.6
28	1.381	35.1	2.612	66.3	1.301	33.0	2.562	65.1					Not available							Not available
Shell Size	K Max		L Max		M Max		N Max		P Max		R Max		S Max		T Max		V Max		W Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.596	15.1	1.590	40.4	.795	20.2	1.015	25.8	.906	23.0	1.125	28.6	.968	24.6	.875	22.2	1.281	32.5	1.188	30.2
10	.656	16.7	1.650	41.9	.820	20.8	1.045	26.5	.966	24.5	1.185	30.1	1.031	26.2	.938	23.8	1.406	35.7	1.312	33.3
12	.716	18.2	1.720	43.7	.844	21.4	1.065	27.1	1.026	26.1	1.245	31.6	1.094	27.8	1.000	25.4	1.531	38.9	1.438	36.5
14	.776	19.7	1.750	44.5	.861	21.9	1.095	27.8	1.076	27.3	1.315	33.4	1.156	29.4	1.062	27.0	1.656	42.1	1.562	39.7
16	.836	21.2	1.850	47.0	.888	22.6	1.115	28.3	1.136	28.9	1.375	34.9	1.219	31.0	1.125	28.6	1.781	45.2	1.688	42.9
18	.906	23.0	1.910	48.5	.904	23.0	1.125	28.6	1.176	29.9	1.395	35.4	1.250	31.8	1.156	29.4	1.906	48.4	1.812	46.0
20	.976	24.8	1.970	50.0	.929	23.6	1.145	29.1	1.236	31.4	1.445	36.7	1.312	33.3	1.219	31.0	2.031	51.6	1.938	49.2
22	1.036	26.3	2.030	51.6	.956	24.3	1.185	30.1	1.296	32.9	1.535	39.0	1.344	34.1	1.250	31.8	2.156	54.8	2.062	52.4
24	1.096	27.8	2.090	53.1	.979	24.9	1.215	30.9	1.356	34.4	1.605	40.8	1.406	35.7	1.312	33.3	2.281	57.9	2.188	55.6
28	Not available				1.064	27.0	1.454	36.9	1.507	38.3	1.897	48.2	1.500	38.1	1.625	41.3	2.531	64.3	2.625	66.7
32	Not available				1.114	28.3	1.504	38.2	1.630	41.4	2.020	51.3	1.675	42.5	1.945	49.4	2.625	66.7	2.895	73.5
36	Not available				1.159	29.4	1.549	39.3	1.738	44.1	2.128	54.1	1.799	45.7	2.069	52.6	2.875	73.0	3.145	79.9
40	Not available				1.204	30.6	1.594	40.5	1.845	46.9	2.235	56.8	1.861	47.3	2.131	54.1	3.025	76.8	3.295	83.7



Series 38 EMI Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS81703 Series 3, AS95234

380A*099 EMI Backshell, Composite, Self-Locking



Self-Locking

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, AS81703 Ser. 3, MIL-DTL-83723 Ser. III

MATERIAL/FINISH

Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, amber color
 Body and shield termination ring: polyetherimide (PEI)/finish per PN
 Screws, washers: stainless steel/passivated
 Anti-decoupling spring: thermoplastic

PART NUMBER

	380AS099	XM	16	12	C
Base P/N	Base Part No.	Profile	Shell Size		
	380AS099	S Straight	08-28		
	380AT099	T 45° Elbow	08-24		
	380AW099	W 90° Elbow	08-28		
Body Finish	XM	Electroless Nickel	<i>Coupling nut and saddle clamp are unplated.</i>		
	XMT	Nickel-PTFE			
	XW	Olive Drab Cadmium			
	XTZ	Tin-Zinc			
Shell Size	08 10 12 14 16 18 20 22 24 28				
Entry Size	See Table 1				
Strain Relief Type	C Saddle Clamp				

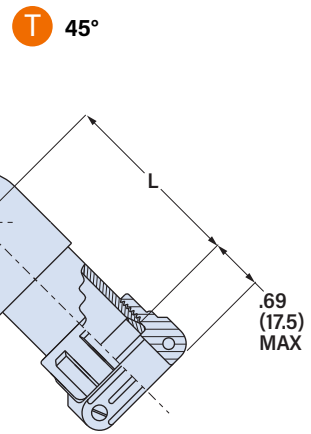
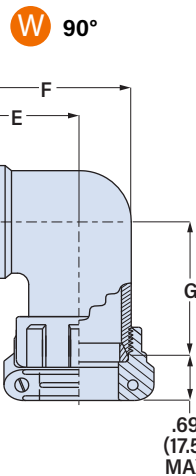
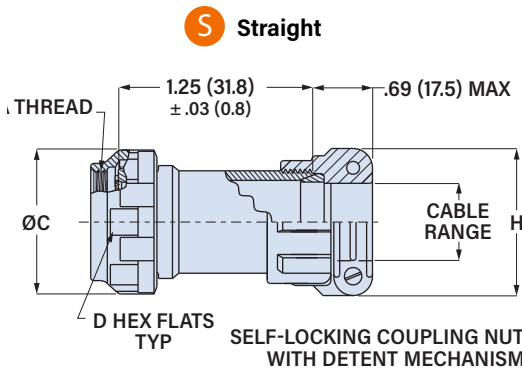


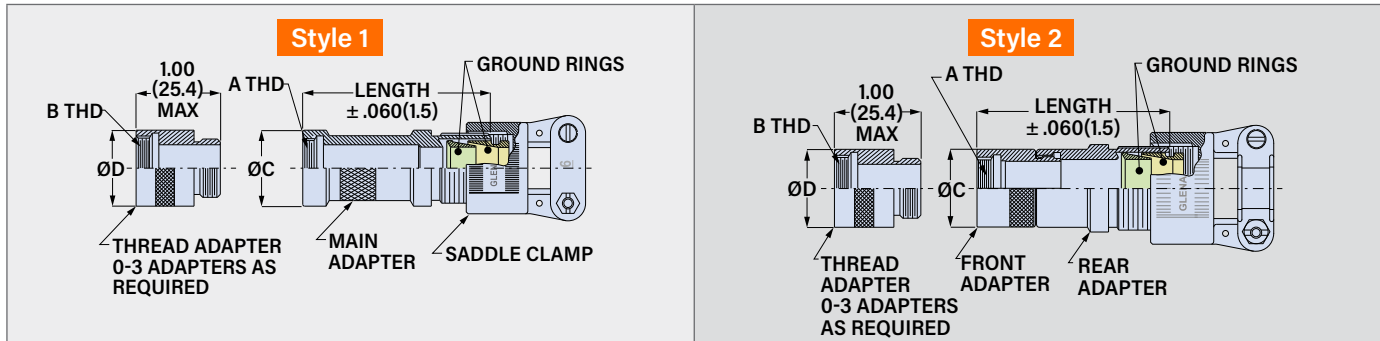
TABLE 1: ENTRY SIZE

Entry Size	Cable Diameter		H Max.	Shell Size	A	øC Max		D Hex Flats		E ±.06(1.5)		F ±.09(2.3)		G ±.09(2.3)		K ±.06(1.5)		L ±.06(1.5)		Max Entry Size
	Min	Max				in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
10	.20	.25	5.1	6.4	1.00	25.4	08-28													10
12	.29	.38	7.4	9.7	1.23	31.2	10-28													12
14	.40	.44	10.1	11.2	1.34	34.0	12-28													14
16	.48	.63	12.2	15.9	1.47	37.3	14-28													16
18	.55	.69	14.0	17.5	1.56	39.6	16-28													18
20	.64	.75	16.3	19.1	1.62	41.1	16-28													20
22	.72	.88	18.3	22.2	1.75	44.5	20-28													22
24	.79	1.00	20.0	25.4	1.87	47.5	22-28													24
28	.89	1.13	20.3	28.6	1.97	50.0	24-28													28
32	.96	1.25	24.4	31.8	2.08	52.8	28													32

Series 38 EMI Backshells

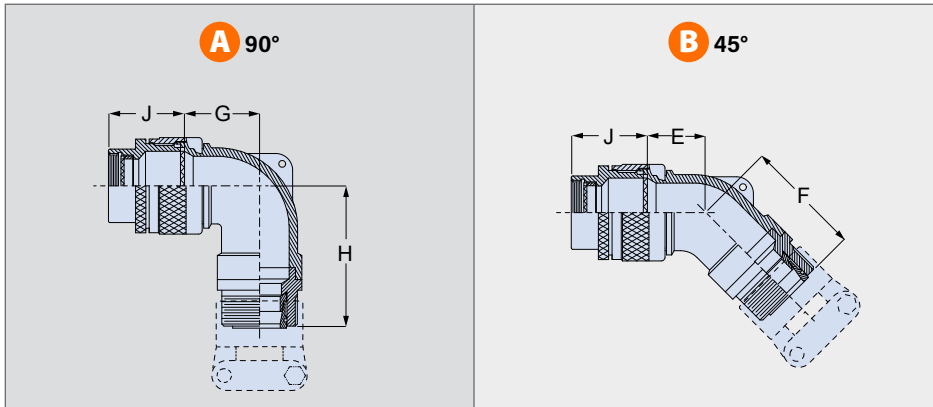
for AS50151 Solder Connectors

380B*002 EMI Backshell, Direct Coupling



Shell Code	Shell Size	A Class 2B	B Class 2B	øC Max in	øC Max mm	øD Max in	øD Max mm	Max. Entry Size (I)
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4	04
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4	06
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6	06
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A	10
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A	10
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A	12
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3	16
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A	16
21	24	1.3750-18 UNEF	N/A	1.468	37.3	N/A	N/A	20
22	28	1.6250-18 UNEF	N/A	1.593	40.5	N/A	N/A	24
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4	28
			2.0625-16 UNS					
26	36	2.1250-16 UN	2.0625-20 UNEF	2.375	60.3	2.312	58.7	28
			2.1250-18 UNS					
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1	32

- Notes
- "Max. Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the maximum entry shown in the table, a *Style 2* front adapter will be included.



Shell Code	Shell Size	J Max in	J Max mm
05	10S	1.25	31.8
08	10SL	1.25	31.8
11	12, 12S	1.25	31.8
14	14, 14S	1.25	31.8
15	16, 16S	1.56	39.6
16	18	1.56	39.6
17	20	1.56	39.6
20	22	1.56	39.6
21	24	1.56	39.6
22	28	1.56	39.6
23	32	1.75	44.5
26	36	1.75	44.5
31	40	2.19	55.6

Entry Size	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm
04	.567	14.4	1.630	41.4	.636	16.2	1.200	30.5
06	.630	16.0	1.250	31.8	.710	18.0	1.320	33.5
08	.692	17.6	1.312	33.3	.731	18.6	1.340	34.0
10	.755	19.2	1.655	42.0	.825	21.0	1.660	42.2
12	.848	21.5	1.765	44.8	.988	25.1	1.750	44.5
16	1.036	26.3	1.953	49.6	1.087	27.6	1.925	48.9
20	1.130	28.7	2.098	53.3	1.325	33.7	2.033	51.6
24	1.255	31.9	2.155	54.7	1.337	34.0	2.200	55.9
28	1.317	33.5	2.250	57.2	1.827	46.4	2.450	62.2
32	1.348	34.2	2.343	59.5	2.027	51.5	2.450	62.2

Series 38 EMI Backshells

for MIL-DTL-26482 Series I Connectors

380D*002 EMI Backshell, Direct Coupling

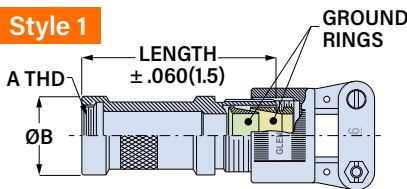


Adapter Code **D**

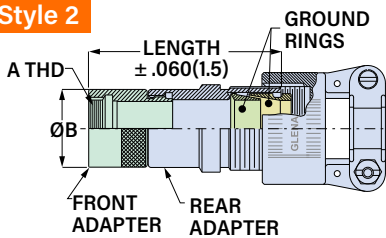
This accessory fits MIL-DTL-26482 Series I connectors

S Straight

Style 1



Style 2



Shell Size	A Thread UNEF-2B	ØB Max. in mm	J Max. in mm	Max. Entry Size ⁽¹⁾
08	0.4375-28	.59	15.0	04
10	0.5625-24	.72	18.3	06
12	0.6875-24	.84	21.3	08
14	0.8125-20	.97	24.6	10
16	0.9375-20	1.09	27.7	12
18	1.0625-18	1.22	31.0	16
20	1.1875-18	1.34	34.0	16
22	1.3125-18	1.47	37.3	16
24	1.4375-18	1.59	40.4	20

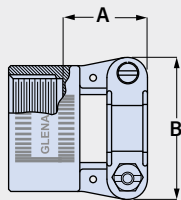
Straight, 45° or 90°. Cone and ring shield termination. 380D*002 backshell fits MIL-DTL-26482 Series I connectors. Direct coupling. Non-environmental, for use with shielded cable. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

380DS002 NF 12 04 H 3

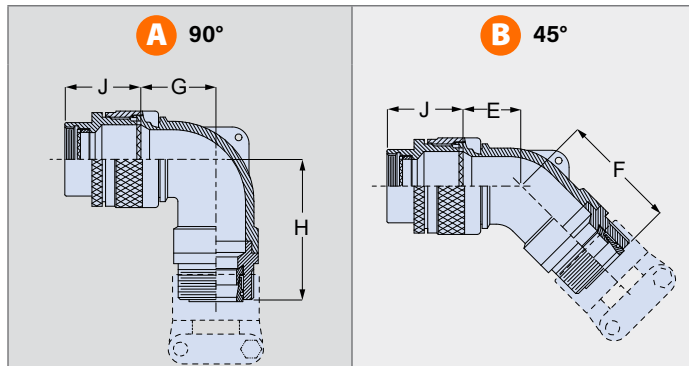
Base P/N	380DS002 S Straight 380DA002 A 90° Elbow 380DB002 B 45° Elbow
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated (Profile S only)
Shell Size	08 10 12 14 16 18 20 22 24
Entry Size	See Table 1
Strain Relief	H Saddle Clamp
Length	5 2.5 inches 6 3.0 inches 7 3.5 inches 8 4.0 inches <i>Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size", then 3 inch minimum applies.</i>

TABLE 1: STRAIN RELIEF DIMENSIONS



Entry Size	A Max in mm	B Max in mm	Cable Range				Profile S Shell Size Range ⁽¹⁾		
			Min in mm	Max in mm	Min in mm	Max in mm			
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9	08-24
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1	10-24
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3	12-24
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9	14-24
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1	16-24
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8	18-24
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8	24
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9	
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3	
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6	

(1) If selected entry size exceeds shell size range, a Style 2 transition adapter will be included.



Entry Size	E Max in mm	F Max in mm	G Max in mm	H Max in mm				
04	.567	14.4	1.630	41.4	.636	16.2	1.200	30.5
06	.630	16.0	1.250	31.8	.710	18.0	1.320	33.5
08	.692	17.6	1.312	33.3	.731	18.6	1.340	34.0
10	.755	19.2	1.655	42.0	.825	21.0	1.660	42.2
12	.848	21.5	1.765	44.8	.988	25.1	1.750	44.5
16	1.036	26.3	1.953	49.6	1.087	27.6	1.925	48.9
20	1.130	28.7	2.098	53.3	1.325	33.7	2.033	51.6
24	1.255	31.9	2.155	54.7	1.337	34.0	2.200	55.9
28	1.317	33.5	2.250	57.2	1.827	46.4	2.450	62.2
32	1.348	34.2	2.343	59.5	2.027	51.5	2.450	62.2

Series 38 EMI Backshells

for MIL-DTL-38999 Series I/II Connectors

380F*103 EMI Backshell, Spin Coupling



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

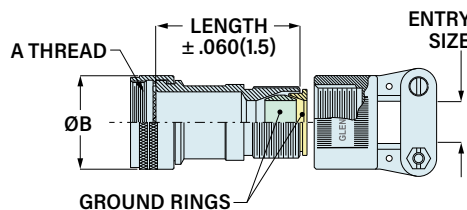
PROFILE SELECTION GUIDE

S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°
M 45°	N 90°

Shielded, Straight, 45° or 90°. 380F*103 backshell fits MIL-DTL-38999 Series I and II connectors. Spin coupling. Cone and ring shield termination. Two ground rings for terminating individual and overall braid shields. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

380FS103	M	10	04	H	4					
Base Part No.	Profile									
380FS103	S	Straight								
380FA103	A	90° Elbow								
380FB103	B	45° Elbow								
380FC103	C	90° Low Prof.								
380FD103	D	90° Split								
380FF103	F	45° Split								
380FH103	H	45° Cut/Weld								
380FJ103	J	90° Cut/Weld								
380FM103	M	45° Full Radius								
380FN103	N	90° Full Radius								
Base P/N	Material/Finish									
	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*				
03	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24				
04	04	.312 (7.9)	10-24	20	1.250 (31.8)	24				
06	06	.437 (11.1)	12-24	24	1.375 (34.9)	-				
08	08	.562 (14.3)	14-24	28	1.625 (41.3)	-				
10	10	.625 (15.9)	14-24	32	1.875 (47.6)	-				
12	12	.750 (19.1)	16-24							
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.										
⚠ Profile G entry size cannot exceed shell size range listed in table.										
Strain Relief	H	Saddle Clamp								
Length	3	1.5 inches	<i>Applies to Profile S only.</i>							
	4	2.0 inches	<i>If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>							
	6	3.0 inches								
	8	4.0 inches								



Shell Size	A Thread UNEF-2B	øB Max in	øB Max mm
8/9	0.4375-28	.650	16.5
10/11	0.5625-24	.770	19.6
12/13	0.6875-24	.890	22.6
14/15	0.8125-20	1.020	25.9
16/17	0.9375-20	1.150	29.2
18/19	1.0625-18	1.230	31.2
20/21	1.1875-18	1.360	34.5
22/23	1.3125-18	1.480	37.6
24/25	1.4375-18	1.730	43.9

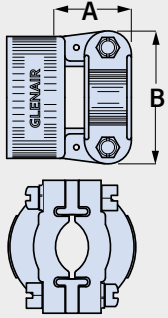


Series 38 EMI Backshells

for MIL-DTL-38999 Series I/II Connectors

380F*103 EMI Backshell, Spin Coupling

STRAIN RELIEF DIMENSIONS



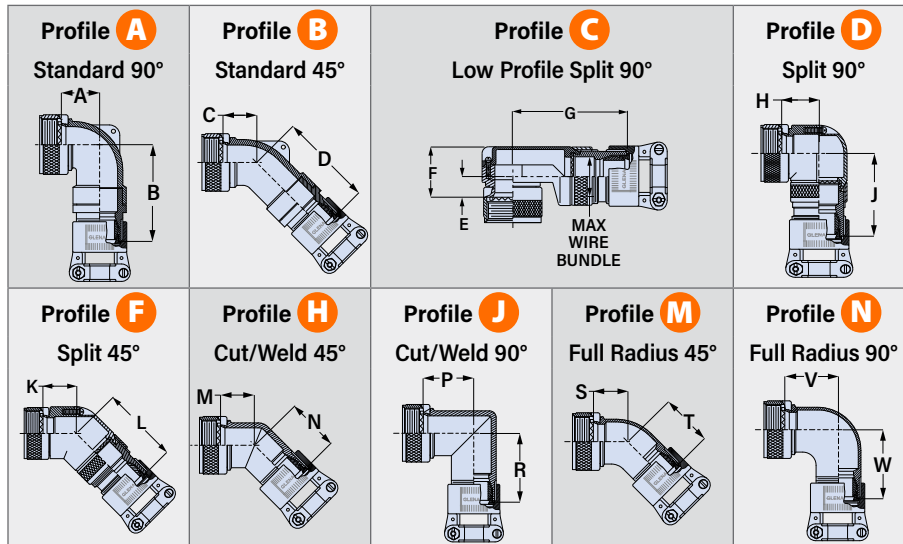
Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min in	Min mm	Max in	Max mm
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

MAXIMUM ENTRY SIZE

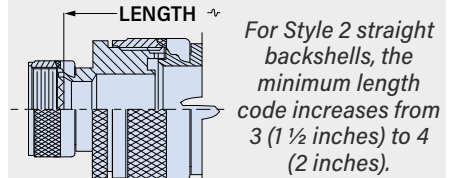
If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

Profile C backshells are not available with entry sizes larger than shown in table.

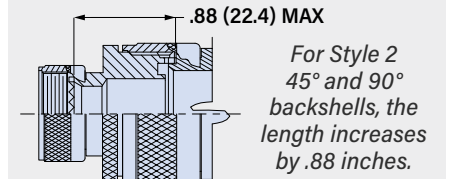
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
8/9	03	18/19	12
10/11	04	20/21	16
12/13	06	22/23	16
14/15	10	24/25	20
16/17	12		



Style 2 Straight Backshell



Style 2 45° and 90° Backshells



Shell Size	Profile A		Profile B		Profile C						Profile D									
	A Max in	A Max mm	B Max in	B Max mm	C Max in	C Max mm	D Max in	D Max mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	Max Wire Bundle in	Max Wire Bundle mm	H Max in	H Max mm	J Max in	J Max mm
8/9	.500	12.7	1.612	40.9	.457	11.6	1.062	40.7	.340	8.6	.681	17.3	1.780	45.2	.250	6.4	.680	17.3	1.530	38.9
10/11	.595	15.1	1.732	44.0	.520	13.2	1.662	42.2	.270	6.9	.731	18.6	1.940	49.3	.375	9.5	.750	19.1	1.590	40.4
12/13	.610	15.5	1.752	44.5	.582	14.8	1.722	43.7	.270	6.9	.731	18.6	1.940	49.3	.375	9.5	.810	20.6	1.660	42.2
14/15	.700	17.8	2.072	52.6	.645	16.4	2.062	52.4	.280	7.1	.831	21.1	2.010	51.1	.500	12.7	.870	22.1	1.690	42.9
16/17	.885	22.5	2.162	54.9	.738	18.7	2.172	55.2	.420	10.7	.981	24.9	2.060	52.3	.625	15.9	.930	23.6	1.790	45.5
18/19	.975	24.8	2.332	59.2	.926	23.5	2.362	60.0	.640	16.3	1.181	30.0	2.090	53.1	.625	15.9	1.000	25.4	1.850	47.0
20/21	.975	24.8	2.332	59.2	.926	23.5	2.362	60.0	.640	16.3	1.181	30.0	2.090	53.1	.625	15.9	1.060	26.9	1.910	48.5
22/23	1.125	28.6	2.442	62.0	1.020	25.9	2.512	63.8	.540	13.7	1.181	30.0	2.240	56.9	.750	19.1	1.120	28.4	1.970	50.0
24/25	1.125	28.6	2.442	62.0	1.020	25.9	2.512	63.8	.540	13.7	1.181	30.0	2.240	56.9	.750	19.1	1.180	30.0	2.030	51.6

Shell Size	Profile F		Profile H		Profile J		Profile M		Profile N											
	K Max in	K Max mm	L Max in	L Max mm	M Max in	M Max mm	N Max in	N Max mm	P Max in	P Max mm	R Max in	R Max mm	S Max in	S Max mm	T Max in	T Max mm	V Max in	V Max mm	W Max in	W Max mm
8/9	.440	11.2	1.590	40.4	.639	16.2	1.015	25.8	.750	19.1	1.125	28.6	.812	20.6	.875	22.2	1.125	28.6	1.188	30.2
10/11	.500	12.7	1.650	41.9	.664	16.9	1.045	26.5	.810	20.6	1.185	30.1	.875	22.2	.938	23.8	1.250	31.8	1.312	33.3
12/13	.560	14.2	1.720	43.7	.688	17.5	1.065	27.1	.870	22.1	1.245	31.6	.938	23.8	1.000	25.4	1.375	34.9	1.438	36.5
14/15	.620	15.7	1.750	44.5	.705	17.9	1.095	27.8	.920	23.4	1.315	33.4	1.000	25.4	1.062	27.0	1.500	38.1	1.562	39.7
16/17	.680	17.3	1.850	47.0	.732	18.6	1.115	28.3	.980	24.9	1.375	34.9	1.062	27.0	1.125	28.6	1.625	41.3	1.688	42.9
18/19	.750	19.1	1.910	48.5	.748	19.0	1.125	28.6	1.020	25.9	1.395	35.4	1.094	27.8	1.156	29.4	1.750	44.5	1.812	46.0
20/21	.820	20.8	1.970	50.0	.773	19.6	1.145	29.1	1.080	27.4	1.445	36.7	1.156	29.4	1.219	31.0	1.875	47.6	1.938	49.2
22/23	.880	22.4	2.030	51.6	.800	20.3	1.185	30.1	1.140	29.0	1.535	39.0	1.188	30.2	1.250	31.8	2.000	50.8	2.062	52.4
24/25	.940	23.9	2.090	53.1	.823	20.9	1.215	30.9	1.200	30.5	1.605	40.8	1.250	31.8	1.312	33.3	2.125	54.0	2.188	55.6



Series 38 EMI Backshells

for MIL-DTL-38999 Series I/II Connectors

380F*105 EMI Backshell, Spin Coupling, Self-Locking



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

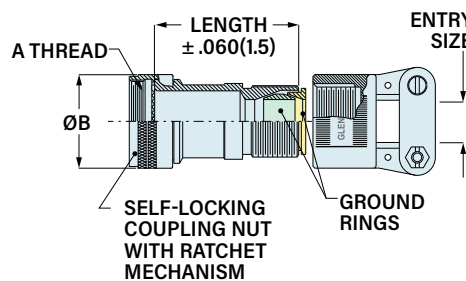
PROFILE SELECTION GUIDE

S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°
M 45°	N 90°

PART NUMBER

380FS105 M 10 04 H 4

Base P/N	Base Part No.	Profile								
	380FS105	S Straight								
	380FA105	A 90° Elbow								
	380FB105	B 45° Elbow								
	380FC105	C 90° Low Prof.								
	380FD105	D 90° Split								
	380FF105	F 45° Split								
	380FH105	H 45° Cut/Weld								
	380FJ105	J 90° Cut/Weld								
	380FM105	M 45° Full Radius								
	380FN105	N 90° Full Radius								
	Material/Finish	M Alum/ Electroless Nickel								
MT Alum/ Nickel-PTFE										
NF Alum/ Olive Drab Cadmium										
ZR Alum/ Black Zinc-Nickel										
TZ Alum/ Tin-Zinc										
ZI SST/ Passivated (Profiles H, J, M, N, S only)										
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*				
	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24				
	04	.312 (7.9)	10-24	20	1.250 (31.8)	24				
	06	.437 (11.1)	12-24	24	1.375 (34.9)	-				
	08	.562 (14.3)	14-24	28	1.625 (41.3)	-				
	10	.625 (15.9)	14-24	32	1.875 (47.6)	-				
	12	.750 (19.1)	16-24							
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.										
⚠ Profile C entry size cannot exceed shell size range listed in table.										
Strain Relief	H	Saddle Clamp								
	Length	3	1.5 inches	<i>Applies to Profile S only.</i>						
	4	2.0 inches	<i>If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch</i>							
	6	3.0 inches	<i>minimum applies.</i>							
	8	4.0 inches								



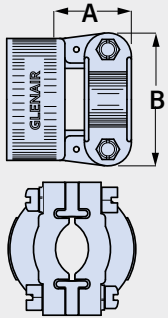
Shell Size	A Thread	øB Max
	UNEF-2B	in mm
8/9	0.4375-28	.860 21.8
10/11	0.5625-24	.970 24.6
12/13	0.6875-24	1.110 28.2
14/15	0.8125-20	1.210 30.7
16/17	0.9375-20	1.350 34.3
18/19	1.0625-18	1.460 37.1
20/21	1.1875-18	1.600 40.6
22/23	1.3125-18	1.700 43.2
24/25	1.4375-18	1.840 46.7

Series 38 EMI Backshells

for MIL-DTL-38999 Series I/II Connectors

380F*105 EMI Backshell, Spin Coupling, Self-Locking

STRAIN RELIEF DIMENSIONS



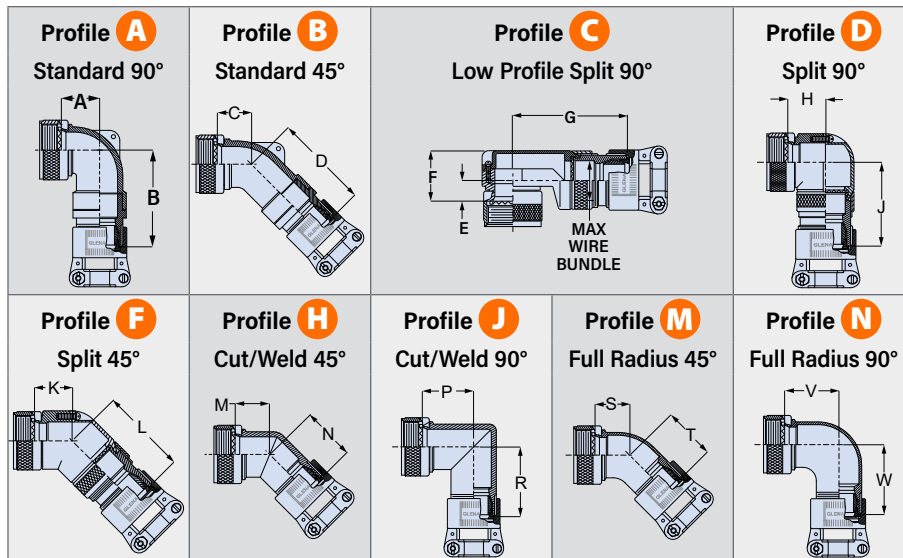
Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min		Max	
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

MAXIMUM ENTRY SIZE

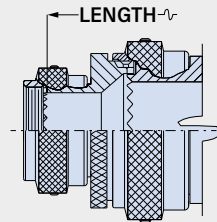
If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

Profile C backshells are not available with entry sizes larger than shown in table.

Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
8/9	03	18/19	12
10/11	04	20/21	16
12/13	06	22/23	16
14/15	10	24/25	20
16/17	12		

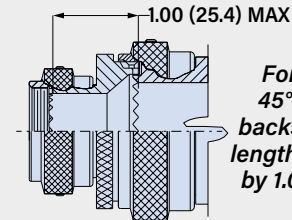


Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.00 inches.

Shell Size	Profile A		Profile B		Profile C		Profile D		Max Wire Bundle	H Max	J Max									
	A Max in	A Max mm	B Max in	B Max mm	C Max in	C Max mm	D Max in	D Max mm												
8/9	.656	16.7	1.612	40.9	.613	15.6	1.062	40.7	.496	12.6	.837	21.3	1.780	45.2	.250	6.4	.836	21.2	1.530	38.9
10/11	.751	19.1	1.732	44.0	.676	17.2	1.662	42.2	.426	10.8	.887	22.5	1.940	49.3	.375	9.5	.906	23.0	1.590	40.4
12/13	.766	19.5	1.752	44.5	.738	18.7	1.722	43.7	.426	10.8	.887	22.5	1.940	49.3	.375	9.5	.966	24.5	1.660	42.2
14/15	.856	21.7	2.072	52.6	.801	20.3	2.062	52.4	.436	11.1	.987	25.1	2.010	51.1	.500	12.7	1.026	26.1	1.690	42.9
16/17	1.041	26.4	2.162	54.9	.894	22.7	2.172	55.2	.576	14.6	1.137	28.9	2.060	52.3	.625	15.9	1.086	27.6	1.790	45.5
18/19	1.131	28.7	2.332	59.2	1.082	27.5	2.362	60.0	.796	20.2	1.337	34.0	2.090	53.1	.625	15.9	1.156	29.4	1.850	47.0
20/21	1.131	28.7	2.332	59.2	1.082	27.5	2.362	60.0	.796	20.2	1.337	34.0	2.090	53.1	.625	15.9	1.216	30.9	1.910	48.5
22/23	1.281	32.5	2.442	62.0	1.176	29.9	2.512	63.8	.696	17.7	1.337	34.0	2.240	56.9	.750	19.1	1.276	32.4	1.970	50.0
24/25	1.281	32.5	2.442	62.0	1.176	29.9	2.512	63.8	.696	17.7	1.337	34.0	2.240	56.9	.750	19.1	1.336	33.9	2.030	51.6

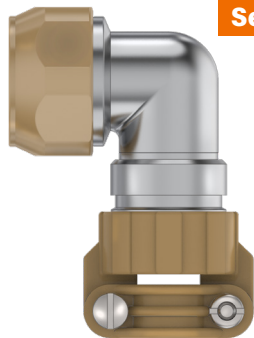
Shell Size	Profile F		Profile H		Profile J		Profile M		Profile N	
	K Max in	K Max mm	L Max in	L Max mm	M Max in	M Max mm	N Max in	N Max mm	P Max in	P Max mm
8/9	.596	15.1	1.590	40.4	.795	20.2	1.015	25.8	.906	23.0
10/11	.656	16.7	1.650	41.9	.820	20.8	1.045	26.5	.966	24.5
12/13	.716	18.2	1.720	43.7	.844	21.4	1.065	27.1	1.026	26.1
14/15	.776	19.7	1.750	44.5	.861	21.9	1.095	27.8	1.076	27.3
16/17	.836	21.2	1.850	47.0	.888	22.6	1.115	28.3	1.136	28.9
18/19	.906	23.0	1.910	48.5	.904	23.0	1.125	28.6	1.176	29.9
20/21	.976	24.8	1.970	50.0	.929	23.6	1.145	29.1	1.236	31.4
22/23	1.036	26.3	2.030	51.6	.956	24.3	1.185	30.1	1.296	32.9
24/25	1.096	27.8	2.090	53.1	.979	24.9	1.215	30.9	1.356	34.4



Series 38 EMI Backshells

for MIL-DTL-38999 Series I/II Connectors

380F*099 EMI Backshell, Composite, Self-Locking



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

MATERIAL/FINISH

Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, amber color
Body and shield termination ring: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

Shielded. Corrosion proof. Self locking. 380F*099 backshell fits MIL-DTL-38999 Series I / II connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Non-environmental. Cone and ring braid shield termination. Glass-reinforced thermoplastic, telescoping stainless steel clamp screws.

PART NUMBER

		380FS099	XM	16	12	C					
Base P/N	Base Part No.										
	Profile										
	380FS099	S	Straight								
380FT099	T	45° Elbow									
380FW099	W	90° Elbow									
Body Finish	XM	Electroless Nickel									
	XMT	Nickel-PTFE									
	XW	Olive Drab Cadmium									
	XTZ	Tin-Zinc									
		<i>Coupling nut and saddle clamp are unplated.</i>									
Shell Size	Shell Size										
	38999 Series I	9	11	13	15	17	19	21	23	25	
	38999 Series II	8	10	12	14	16	18	20	22	24	
Size Code		08	10	12	14	16	18	20	22	24	
Entry Size	<i>See Table 1</i>										
Strain Relief	C	Saddle Clamp									

S Straight

W 90°

T 45°

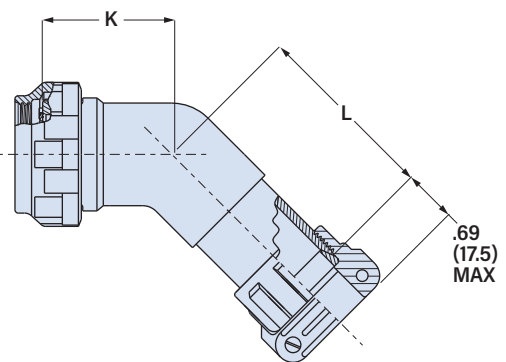
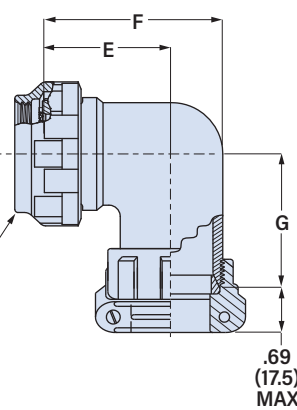
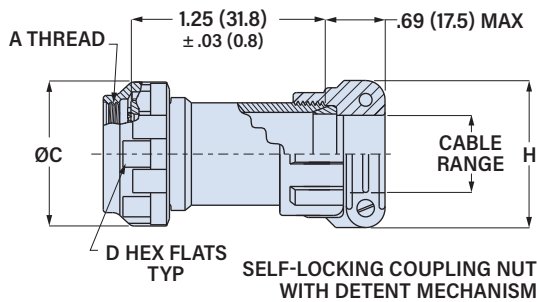


TABLE 1: ENTRY SIZE

Entry Size	Cable Diameter				H Max.		Shell Sizes	Shell Size	A Thread UNEF-2B	øC Max	D Hex Flats	E ±.06(1.5)	F ±.09(2.3)	G ±.09(2.3)	K ±.06(1.5)	L ±.06(1.5)	Max Entry Size	
	Min in	Max in	Min mm	Max mm	in	mm												
10	.20	.25	5.1	6.4	1.00	25.4	08-24	8/9	0.4375-28	.86	21.8	.750	19.1	.69	17.5	.88	22.4	10
12	.29	.38	7.4	9.7	1.23	31.2	10-24	10/11	0.5625-24	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	12
14	.40	.44	10.1	11.2	1.34	34.0	12-24	12/13	0.6875-24	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	14
16	.48	.63	12.2	15.9	1.47	37.3	14-24	14/15	0.8125-20	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	16
18	.55	.69	14.0	17.5	1.56	39.6	16-24	16/17	0.9375-20	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	20
20	.64	.75	16.3	19.1	1.62	41.1	16-24	18/19	1.0625-18	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	20
22	.72	.88	18.3	22.2	1.75	44.5	20-24	20/21	1.1875-18	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	22
24	.79	1.00	20.0	25.4	1.87	47.5	22-24	22/23	1.3125-18	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	24
28	.89	1.13	20.3	28.6	1.97	50.0	24	24/25	1.4375-18	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	28

Series 38 EMI Backshells

for MIL-DTL-28840 Connectors

380G*011 EMI Backshell, Spin Coupling



Shielded. Straight, 45° or 90°. 380G*011- backshell fits MIL-DTL-28840 connectors. Spin coupling. For use with shielded jacketed cable. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code **G**

This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

PROFILE SELECTION GUIDE

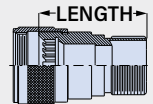
S Straight

H 45°

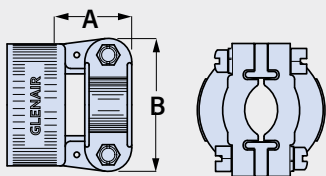
J 90°

PART NUMBER

		380GS011	ZU	17	08	H	3			
Base P/N	Base Part No.									
	Profile									
	380GS011 S Straight									
	380GH011 H 45°									
	380GJ011 J 90°									
Material/Finish	M Alum/Electroless Nickel									
	NF Alum/Cadmium, Olive Drab									
	ZR Alum/Black Zinc-Nickel									
	TZ Alum/Tin-Zinc									
	ZI SST/Passivated									
	ZU SST/Cadmium, Black									
	ZTZ SST/Tin-Zinc									
Shell Size	Shell Size	11	13	15	17	19	23	25	29	33
	Size Code	11	13	15	17	19	23	25	29	33
Entry Size	Entry Size	Max. Cable Dia.		Shell Size*						
	04	.312 (7.9)		11-33		* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.				
	06	.437 (11.1)		13-33						
	08	.562 (14.3)		15-33						
	10	.625 (15.9)		15-33						
	12	.750 (19.1)		17-33						
	16	.937 (23.8)		23-33						
	20	1.250 (31.8)		29-33						
	24	1.375 (34.9)		29-33						
28	1.625 (41.3)		33							
32	1.875 (47.6)		-							
Strain Relief	H	Saddle Clamp								
Length	3	1.5 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.							
	4	2.0 inches								
	6	3.0 inches								
	8	4.0 inches								



STRAIN RELIEF DIMENSIONS



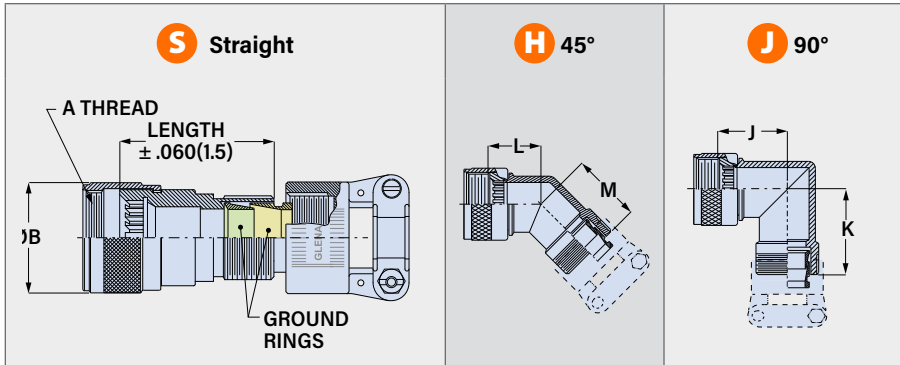
Saddle Clamp

Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min in	Min mm	Max in	Max mm
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

Series 38 EMI Backshells

for MIL-DTL-28840 Connectors

380G*011 EMI Backshell, Spin Coupling



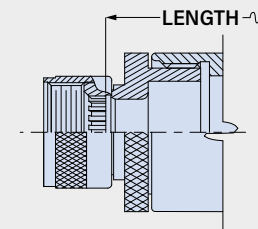
Size Code	Shell Size	A Thread Class 2B	øB Max.		J Max.		K Max.		L Max.		M Max.	
			in	mm	in	mm	in	mm	in	mm	in	mm
11	A (11)	.750-20 UNEF	.94	23.9	1.24	31.5	1.05	26.7	1.38	35.1	1.19	30.2
13	B (13)	.875-20 UNEF	1.07	27.7	1.26	32.0	1.07	27.2	1.44	36.6	1.25	31.8
15	C (15)	1.000-20 UNEF	1.21	30.7	1.29	32.8	1.10	27.9	1.50	38.1	1.32	33.5
17	D (17)	1.125-18 UNEF	1.41	35.7	1.31	33.3	1.12	28.4	1.57	39.9	1.38	35.1
19	E (19)	1.250-18 UNEF	1.53	38.9	1.34	34.0	1.15	29.2	1.63	41.4	1.46	37.1
23	F (23)	1.438-18 UNEF	1.73	43.9	1.38	35.1	1.19	30.2	1.73	43.9	1.54	39.1
25	G (25)	1.562-18 UNEF	1.82	46.2	1.41	35.8	1.22	31.0	1.80	45.7	1.61	40.9
29	H (29)	1.875-16 UN	2.14	54.4	1.58	40.1	1.39	35.3	2.04	51.8	1.85	47.0
33	J (33)	2.062-16 UNS	2.44	62.0	1.62	41.1	1.43	36.3	2.13	54.1	1.94	49.3

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

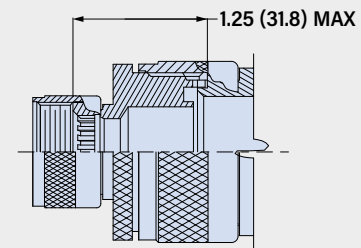
Shell Size	Maximum Entry Size
A (11)	04
B (13)	06
C (15)	10
D (17)	12
E (19)	12
F (23)	16
G (25)	16
H (29)	24
J (33)	28

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.25 inches.



Series 38 EMI Backshells

for MIL-DTL-38999 Series III/IV Connectors

380H*103 EMI Backshell, Spin Coupling



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

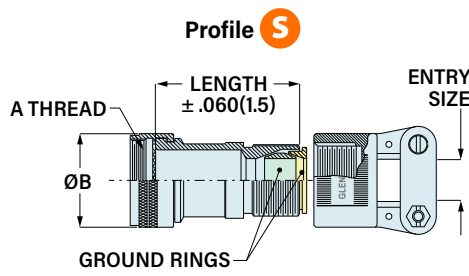
S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°
M 45°	N 90°

Shielded. Straight, 45° or 90°. 380H*103 backshell fits MIL-DTL-38999 Series III and IV connectors. Spin coupling. Cone and ring shield termination. Two ground rings for terminating individual and overall braid shields. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

380HS103 M 11 04 H 3

Base P/N	Base Part No.	Profile			
	380HS103	S Straight			
	380HA103	A 90° Elbow			
	380HB103	B 45° Elbow			
	380HC103	C 90° Low Prof.			
	380HD103	D 90° Split			
	380HF103	F 45° Split			
	380HH103	H 45° Cut/Weld			
	380HJ103	J 90° Cut/Weld			
	380HM103	M 45° Full Radius			
380HN103	N 90° Full Radius				
Material/Finish	M Alum/ Electroless Nickel				
	MT Alum/ Nickel-PTFE				
	NF Alum/ Olive Drab Cadmium				
	ZR Alum/ Black Zinc-Nickel				
	TZ Alum/ Tin-Zinc				
	ZI SST/ Passivated (<i>Profiles H, J, M, N, S only</i>)				
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25			
	Size Code	09 11 13 15 17 19 21 23 25			
Entry Size	Entry Size	03 .250 (7.9)	09-25	16 .937 (23.8)	21-25
	Max. Cable Dia.	04 .312 (7.9)	11-25	20 1.250 (31.8)	25
	Shell Size*	06 .437 (11.1)	13-25	24 1.375 (34.9)	-
		08 .562 (14.3)	15-25	28 1.625 (41.3)	-
		10 .625 (15.9)	15-25	32 1.875 (47.6)	-
		12 .750 (19.1)	17-25		
		* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.			
Strain Relief	H Saddle Clamp				
Length	3 1.5 inches	Applies to Profile S only.			
	4 2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.			
	6 3.0 inches				
	8 4.0 inches				



Shell Size	A Thread	ØB Max in	ØB Max mm
9 (A)	M12X1.0-6H	.770	19.6
11 (B)	M15X1.0-6H	.840	21.3
13 (C)	M18X1.0-6H	.960	24.4
15 (D)	M22X1.0-6H	1.090	27.7
17 (E)	M25X1.0-6H	1.230	31.2
19 (F)	M28X1.0-6H	1.360	34.5
21 (G)	M31X1.0-6H	1.480	37.6
23 (H)	M34X1.0-6H	1.600	40.6
25 (J)	M37X1.0-6H	1.720	43.7



Series 38 EMI Backshells

for MIL-DTL-38999 Series III/IV Connectors

380H*105 EMI Backshell, Self-Locking



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

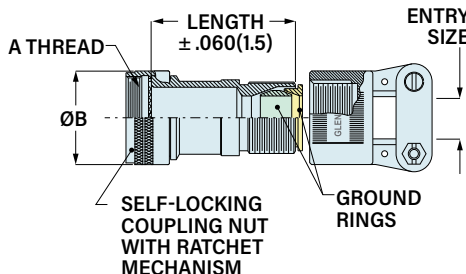
S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°
M 45°	N 90°

Shielded. Self locking. 380H*105 backshell fits MIL-DTL-38999 Series III and IV connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Non-environmental. Cone and ring shield termination. Two ground rings for terminating individual and overall braid shields. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

380HS105 M 13 04 H 3

Base P/N	Base Part No.	Profile				
	380HS105	S Straight				
	380HA105	A 90° Elbow				
	380HB105	B 45° Elbow				
	380HC105	C 90° Low Prof.				
	380HD105	D 90° Split				
	380HF105	F 45° Split				
	380HH105	H 45° Cut/Weld				
	380HJ105	J 90° Cut/Weld				
	380HM105	M 45° Full Radius				
	380HN105	N 90° Full Radius				
	Material/Finish	M Alum/ Electroless Nickel				
MT Alum/ Nickel-PTFE						
NF Alum/ Olive Drab Cadmium						
ZR Alum/ Black Zinc-Nickel						
TZ Alum/ Tin-Zinc						
ZI SST/ Passivated (Profiles H, J, M, N, S only)						
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25				
	Size Code	09 11 13 15 17 19 21 23 25				
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*
	03	.250 (7.9)	09-25	16	.937 (23.8)	21-25
	04	.312 (7.9)	11-25	20	1.250 (31.8)	25
	06	.437 (11.1)	13-25	24	1.375 (34.9)	-
	08	.562 (14.3)	15-25	28	1.625 (41.3)	-
	10	.625 (15.9)	15-25	32	1.875 (47.6)	-
	12	.750 (19.1)	17-25			
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.						
⚠ Profile C entry size cannot exceed shell size range listed in table.						
Strain Relief	H	Saddle Clamp				
Length	3	1.5 inches	Applies to Profile S only.			
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.			
	6	3.0 inches				
	8	4.0 inches				



Shell Size	A Thread	øB Max in	mm
9 (A)	M12X1.0-6H	.94	24.8
11 (B)	M15X1.0-6H	1.06	26.9
13 (C)	M18X1.0-6H	1.17	29.7
15 (D)	M22X1.0-6H	1.29	32.7
17 (E)	M25X1.0-6H	1.42	36.1
19 (F)	M28X1.0-6H	1.54	39.1
21 (G)	M31X1.0-6H	1.67	42.4
23 (H)	M34X1.0-6H	2.01	51.1
25 (J)	M37X1.0-6H	2.12	53.8

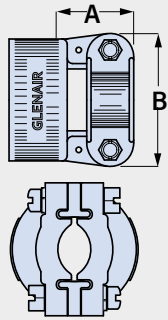


Series 38 EMI Backshells

for MIL-DTL-38999 Series III/IV Connectors

380H*105 EMI Backshell, Self-Locking

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min in	Min mm	Max in	Max mm
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

MAXIMUM ENTRY SIZE

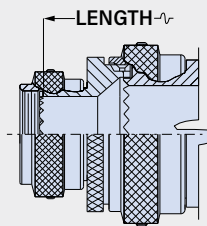
If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

Profile C backshells are not available with entry sizes larger than shown in table.

Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
9 (A)	03	19 (F)	12
11 (B)	04	21 (G)	16
13 (C)	06	23 (H)	16
15 (D)	10	25 (J)	20
17 (E)	12		

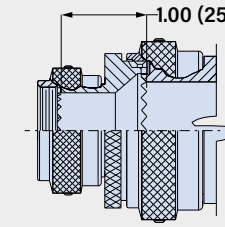
Profile A Standard 90° 	Profile B Standard 45° 	Profile C Low Profile Split 90° 	Profile D Split 90°
Profile F Split 45° 	Profile H Cut/Weld 45° 	Profile J Cut/Weld 90° 	Profile M Full Radius 45°
		Profile N Full Radius 90° 	

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.00 inches.

Shell Size	Profile A		Profile B		Profile C				Max Wire Bundle	Profile D										
	A Max in	A Max mm	B Max in	B Max mm	C Max in	C Max mm	D Max in	D Max mm		E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm	J Max in	J Max mm	
9 (A)	.656	16.7	1.612	40.9	.613	15.6	1.062	40.7	.496	12.6	.837	21.3	1.780	45.2	.250	6.4	.836	21.2	1.530	38.9
11 (B)	.751	19.1	1.732	44.0	.676	17.2	1.662	42.2	.426	10.8	.887	22.5	1.940	49.3	.375	9.5	.906	23.0	1.590	40.4
13 (C)	.766	19.5	1.752	44.5	.738	18.7	1.722	43.7	.426	10.8	.887	22.5	1.940	49.3	.375	9.5	.966	24.5	1.660	42.2
15 (D)	.856	21.7	2.072	52.6	.801	20.3	2.062	52.4	.436	11.1	.987	25.1	2.010	51.1	.500	12.7	1.026	26.1	1.690	42.9
17 (E)	1.041	26.4	2.162	54.9	.894	22.7	2.172	55.2	.576	14.6	1.137	28.9	2.060	52.3	.625	15.9	1.086	27.6	1.790	45.5
19 (F)	1.131	28.7	2.332	59.2	1.082	27.5	2.362	60.0	.796	20.2	1.337	34.0	2.090	53.1	.625	15.9	1.156	29.4	1.850	47.0
21 (G)	1.131	28.7	2.332	59.2	1.082	27.5	2.362	60.0	.796	20.2	1.337	34.0	2.090	53.1	.625	15.9	1.216	30.9	1.910	48.5
23 (H)	1.281	32.5	2.442	62.0	1.176	29.9	2.512	63.8	.696	17.7	1.337	34.0	2.240	56.9	.750	19.1	1.276	32.4	1.970	50.0
25 (J)	1.281	32.5	2.442	62.0	1.176	29.9	2.512	63.8	.696	17.7	1.337	34.0	2.240	56.9	.750	19.1	1.336	33.9	2.030	51.6

Shell Size	Profile F		Profile H		Profile J		Profile M		Profile N											
	K Max in	K Max mm	L Max in	L Max mm	M Max in	M Max mm	N Max in	N Max mm	P Max in	P Max mm	R Max in	R Max mm	S Max in	S Max mm	T Max in	T Max mm	V Max in	V Max mm	W Max in	W Max mm
9 (A)	.596	15.1	1.590	40.4	.795	20.2	1.015	25.8	.906	23.0	1.125	28.6	.968	24.6	.875	22.2	1.281	32.5	1.188	30.2
11 (B)	.656	16.7	1.650	41.9	.820	20.8	1.045	26.5	.966	24.5	1.185	30.1	1.031	26.2	.938	23.8	1.406	35.7	1.312	33.3
13 (C)	.716	18.2	1.720	43.7	.844	21.4	1.065	27.1	1.026	26.1	1.245	31.6	1.094	27.8	1.000	25.4	1.531	38.9	1.438	36.5
15 (D)	.776	19.7	1.750	44.5	.861	21.9	1.095	27.8	1.076	27.3	1.315	33.4	1.156	29.4	1.062	27.0	1.656	42.1	1.562	39.7
17 (E)	.836	21.2	1.850	47.0	.888	22.6	1.115	28.3	1.136	28.9	1.375	34.9	1.219	31.0	1.125	28.6	1.781	45.2	1.688	42.9
19 (F)	.906	23.0	1.910	48.5	.904	23.0	1.125	28.6	1.176	29.9	1.395	35.4	1.250	31.8	1.156	29.4	1.906	48.4	1.812	46.0
21 (G)	.976	24.8	1.970	50.0	.929	23.6	1.145	29.1	1.236	31.4	1.445	36.7	1.312	33.3	1.219	31.0	2.031	51.6	1.938	49.2
23 (H)	1.036	26.3	2.030	51.6	.956	24.3	1.185	30.1	1.296	32.9	1.535	39.0	1.344	34.1	1.250	31.8	2.156	54.8	2.062	52.4
25 (J)	1.096	27.8	2.090	53.1	.979	24.9	1.215	30.9	1.356	34.4	1.605	40.8	1.406	35.7	1.312	33.3	2.281	57.9	2.188	55.6

Series 38 EMI Backshells

for MIL-DTL-38999 Series III/IV Connectors

380H*099 EMI Backshell, Composite, Self-Locking



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, amber color
Body and shield termination ring: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

PART NUMBER

		380HS099	XM	13	10	C				
Base P/N	Base Part No.									
	Profile									
	380HS099 S Straight									
380HT099 T 45° Elbow										
380HW099 W 90° Elbow										
Body Finish	XM Electroless Nickel	<i>Coupling nut and saddle clamp are unplated.</i>								
	XMT Nickel-PTFE									
	XW Olive Drab Cadmium									
	XTZ Tin-Zinc									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Strain Relief	C	Saddle Clamp								

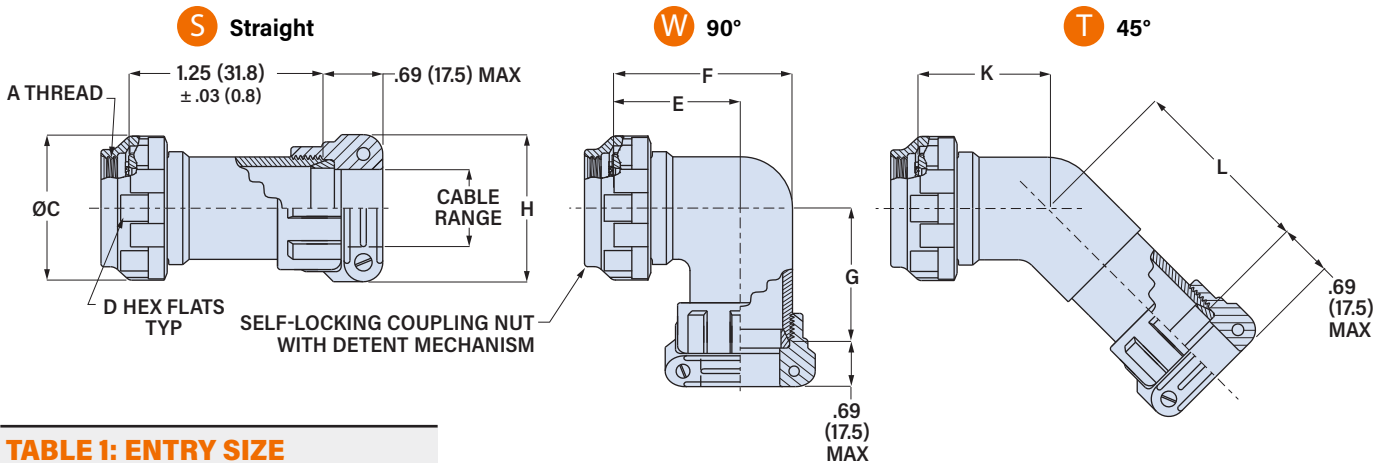


TABLE 1: ENTRY SIZE

Entry Size	Cable Diameter				H Max.	Shell Size	Shell Size	øC Max	D Hex Flats	E ±.06(1.5)	F ±.09(2.3)	G ±.09(2.3)	K ±.06(1.5)	L ±.06(1.5)	Max Entry Size							
	Min	Max	Min	Max												in	mm	in	mm	in	mm	in
10	.20	.25	5.1	6.4	1.00	25.4	09-25	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	27.0	.72	18.3	.88	22.4	10
12	.29	.38	7.4	9.7	1.23	31.2	11-25	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	.75	19.1	.94	23.9	12
14	.40	.44	10.1	11.2	1.34	34.0	13-25	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	.75	19.1	1.00	25.4	14
16	.48	.63	12.2	15.9	1.47	37.3	15-25	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	.76	19.3	1.03	26.2	16
18	.55	.69	14.0	17.5	1.56	39.6	17-25	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	.78	19.8	1.06	26.9	20
20	.64	.75	16.3	19.1	1.62	41.1	19-25	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	.79	20.1	1.07	27.2	20
22	.72	.88	18.3	22.2	1.75	44.5	21-25	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	.82	20.8	1.09	27.7	22
24	.79	1.00	20.0	25.4	1.87	47.5	23-25	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	.86	21.8	1.14	29.0	24
28	.89	1.13	20.3	28.6	1.97	50.0	25	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	.92	23.4	1.17	29.7	28

Series 38 EMI Backshells

for Series 80 Mighty Mouse Connectors

380MS135 EMI Backshell, Direct Coupling

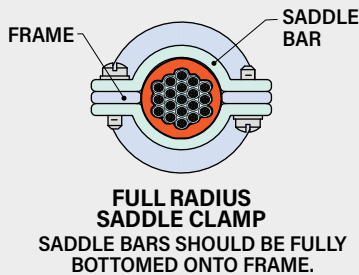


Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

APPLICATION NOTE

This backshell has a **full radius** saddle clamp. This type of strain relief is designed to be fully bottomed onto the frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp. See E dimension in Table 2 for the diameter of the fully bottomed saddles.



EMI. Low profile. Direct coupling. Non-environmental. 380MS135 backshell fits Glenair Series 80 Mighty Mouse connectors. For use with shielded cable. Fold cable braid over ground ring. Full radius saddle clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

380MS135 M 05 02 -6

Base P/N **380MS135**

Material/Finish
M Alum/Electroless Nickel
MT Alum/Nickel-PTFE
NF Alum/Olive Drab Cadmium
ZR Alum/Black Zinc-Nickel
TZ Alum/Tin-Zinc
ZI SST/Passivated

Shell Size See Table 1

Entry Size See Table 2

Length	Length		Length	
	Code	Length	Code	Length
5		.63 (16.0)	10	1.25 (31.8)
6		.75 (19.1)	12	1.50 (38.1)
8		1.00 (25.4)	16	2.00 (50.8)

Length in 1/8 inch increments.

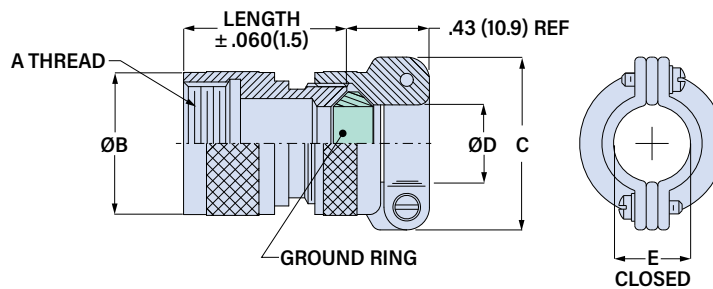


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size		A Thread UNEF-2B	øB Max.	
	Series 800, 801, 803, 804	Series 805		in	mm
05	5	N/A	0.250-32	.350	8.9
06	6	N/A	0.3125-32	.415	10.5
11	N/A	8	0.3750-32	.465	11.8
07	7	9	0.4375-28	.530	13.5
08	8	10	0.500-28	.595	15.1
09	9	11	0.5625-24	.650	16.5
10	10	12	0.625-24	.715	18.2
12	11, 12, 13	13	0.6875-24	.785	19.9
13	N/A	15	0.750-20	.830	21.1
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9
16	19	21	1.0625-18	1.155	29.3
17	21	23	1.1875-18	1.280	32.5

TABLE 2: ENTRY SIZE

Entry Size	C		øD		øE Closed	
	±.015 (0.4) in	mm	±.015 (0.4) in	mm	±.03 (0.8) in	mm
01	.496	12.6	.119	3.0	.11	2.8
02	.582	14.8	.182	4.6	.17	4.3
03	.656	16.7	.244	6.2	.23	5.8
04	.726	18.4	.307	7.8	.30	7.6
05	.885	22.5	.369	9.4	.36	9.1
06	.952	24.2	.432	11.0	.42	10.7
07	1.018	25.9	.494	12.5	.48	12.2
08	1.084	27.5	.557	14.1	.55	14.0
09	1.148	29.2	.619	15.7	.61	15.5
10	1.211	30.8	.682	17.3	.67	17.0
11	1.273	32.3	.744	18.9	.73	18.5
12	1.400	35.6	.869	22.1	.86	21.8
13	1.539	39.1	1.010	25.7	.99	25.1

Series 38 EMI Backshells

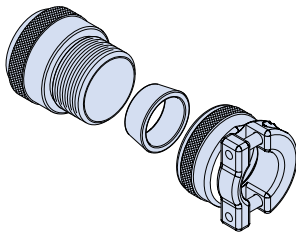
for Series 80 Mighty Mouse Connectors

380MS141 EMI Backshell, Spin Coupling, Lightweight, Low Profile



Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors



EMI. Low profile. Spin coupling. Non-environmental. Ultralightweight, compact 380MS141 backshell fits Glenair Series 80 Mighty Mouse connectors. For use with shielded cable. Fold cable braid over tapered ground ring for 360° shielding. Cable clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

380MS141 M 08 06 -4

Base P/N	380MS141																				
Material/Finish	M Alum/Electroless Nickel MT Alum/Nickel-PTFE NF Alum/Olive Drab Cadmium ZR Alum/Black Zinc-Nickel TZ Alum/Tin-Zinc ZI SST/Passivated																				
Shell Size	See Table 1																				
Entry Size	See Table 2																				
Length	<table border="1"> <thead> <tr> <th>Length Code</th> <th>Length</th> <th>Length Code</th> <th>Length</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>.50 (12.7)</td> <td>10</td> <td>1.25 (31.8)</td> </tr> <tr> <td>5</td> <td>.63 (16.0)</td> <td>12</td> <td>1.50 (38.1)</td> </tr> <tr> <td>6</td> <td>.75 (19.1)</td> <td>16</td> <td>2.00 (50.8)</td> </tr> <tr> <td>8</td> <td>1.00 (25.4)</td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: right;"><i>Length in 1/8 inch increments.</i></p>	Length Code	Length	Length Code	Length	4	.50 (12.7)	10	1.25 (31.8)	5	.63 (16.0)	12	1.50 (38.1)	6	.75 (19.1)	16	2.00 (50.8)	8	1.00 (25.4)		
Length Code	Length	Length Code	Length																		
4	.50 (12.7)	10	1.25 (31.8)																		
5	.63 (16.0)	12	1.50 (38.1)																		
6	.75 (19.1)	16	2.00 (50.8)																		
8	1.00 (25.4)																				

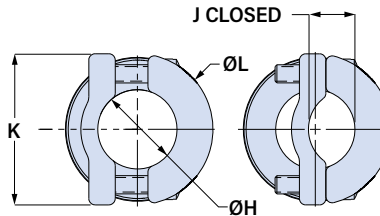
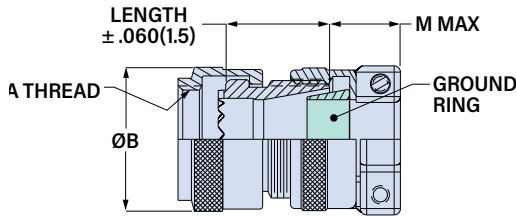


TABLE 1: SHELL SIZE CODE

Shell Size Code	Shell Size		A Thread UNEF-2B	ØB Max.		Max Cable Entry
	Series 800, 801, 803, 804	Series 805		in	mm	
05	5	N/A	0.250-32	.470	11.9	25
06	6	N/A	0.3125-32	.530	13.5	35
11	N/A	8	0.3750-32	.570	14.5	04
07	7	9	0.4375-28	.637	16.2	05
08	8	10	0.500-28	.700	17.8	06
09	9	11	0.5625-24	.758	19.3	07
10	10	12	0.625-24	.819	20.8	08
12	11, 12, 13	13	0.6875-24	.896	22.8	09
13	N/A	15	0.750-20	.930	23.6	10
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	13
16	19	21	1.0625-18	1.250	31.8	14
17	21	23	1.1875-18	1.387	35.2	16

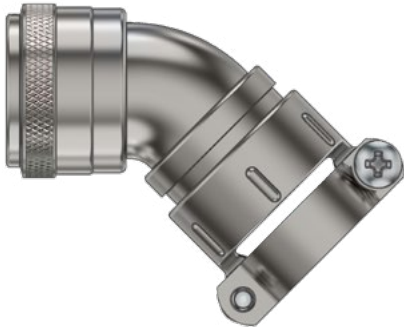
TABLE 2: ENTRY SIZE

Entry Size	ØH		J Closed ±.015 (0.4)		K ±.015 (0.4)		ØL ±.015 (0.4)		M Max	
	in	mm	in	mm	in	mm	in	mm	in	mm
02	.125	3.2	.075	1.9	.470	11.9	.470	11.9	.375	9.5
25	.156	4.0	.094	2.4	.470	11.9	.470	11.9	.375	9.5
03	.188	4.8	.113	2.9	.530	13.5	.530	13.5	.375	9.5
35	.219	5.6	.131	3.3	.530	13.5	.530	13.5	.375	9.5
04	.250	6.4	.150	3.8	.590	15.0	.590	15.0	.375	9.5
05	.313	8.0	.188	4.8	.655	16.6	.655	16.6	.375	9.5
06	.375	9.5	.225	5.7	.715	18.2	.715	18.2	.375	9.5
07	.438	11.1	.263	6.7	.780	19.8	.780	19.8	.375	9.5
08	.500	12.7	.300	7.6	.840	21.3	.840	21.3	.375	9.5
09	.563	14.3	.375	9.5	.995	25.3	.995	25.3	.375	9.5
10	.625	15.9	.417	10.6	1.055	26.8	1.055	26.8	.445	11.3
11	.688	17.5	.459	11.7	1.120	28.4	1.120	28.4	.445	11.3
12	.750	19.1	.500	12.7	1.180	30.0	1.180	30.0	.445	11.3
13	.813	20.7	.542	13.8	1.245	31.6	1.245	31.6	.445	11.3
14	.875	22.2	.582	14.8	1.305	33.1	1.305	33.1	.445	11.3
15	.938	23.8	.625	15.9	1.370	34.8	1.370	34.8	.445	11.3
16	1.000	25.4	.667	16.9	1.430	36.3	1.430	36.3	.445	11.3

Series 38 EMI Backshells

for Series 80 Mighty Mouse Connectors

380M*137 EMI Backshell, Spin Coupling

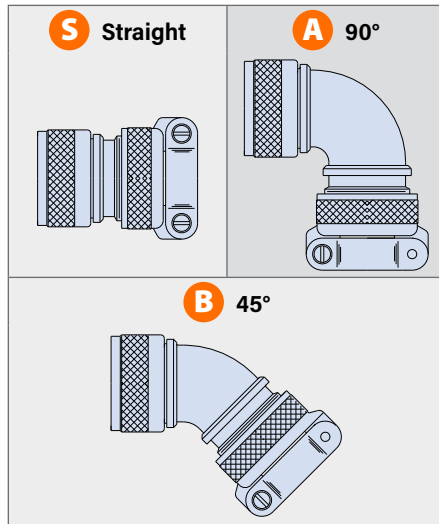


EMI. Low profile. Straight, 45°, and 90°. 380M*137 backshell fits Glenair Series 80 Mighty Mouse connectors. For use with shielded cable. Fold cable braid over ground ring for 360° shielding. Cable clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code M

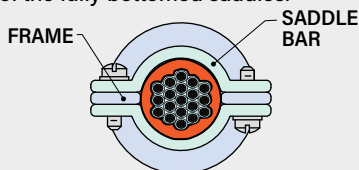
This accessory fits Series 80 Mighty Mouse Connectors

PROFILE SELECTION GUIDE



APPLICATION NOTE

This backshell has a **full radius** saddle clamp. This type of strain relief is designed to be fully bottomed onto the frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp. See H dimension in Table 2 for the diameter of the fully bottomed saddles.



FULL RADIUS SADDLE CLAMP

SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

PART NUMBER

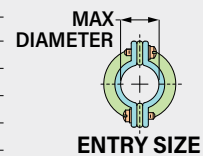
380MS137 MT 13 08 -8

Base P/N	Base Part No. Profile
	380MS137 S Straight
	380MB137 B 45°
	380MA137 A 90°

Material/Finish	M Alum/Electroless Nickel
	MT Alum/Nickel-PTFE
	NF Alum/Olive Drab Cadmium
	ZR Alum/Black Zinc-Nickel
	TZ Alum/Tin-Zinc
	ZI SST/Passivated

Shell Size Code	Shell Size Series		A Thread UNEF-2B	Min-Max Entry Size Profiles	
	800, 801, 803, 804	Series 805		A B	S
05	5	N/A	0.250-32	01-05	01-05
06	6	N/A	0.3125-32	01-06	01-08
11	N/A	8	0.3750-32	01-06	01-08
07	7	9	0.4375-28	01-08	01-09
08	8	10	0.500-28	03-10	02-10
09	9	11	0.5625-24	03-10	03-11
10	10	12	0.625-24	03-13	03-12
12	11, 12, 13	13	0.6875-24	04-13	04-12
13	N/A	15	0.750-20	04-13	05-13
14	14, 15, 16, 17	18, 19	0.9375-20	06-13	05-13
16	19	21	1.0625-18	08-13	06-13
17	21	23	1.1875-18	08-13	07-13

Entry Size	Max Dia (Closed)	Min-Max Shell Size Profiles	
		A B	S
01	.14 (3.6)	05-07	05-07
02	.20 (5.1)	05-07	05-08
03	.26 (6.6)	05-10	05-10
04	.33 (8.4)	05-13	05-12
05	.39 (9.9)	05-13	05-14
06	.45 (11.4)	06-14	06-16
07	.51 (13.0)	07-14	06-17
08	.58 (14.7)	07-17	06-17
09	.64 (16.3)	08-17	07-17
10	.70 (17.8)	08-17	08-17
11	.76 (19.3)	10-17	09-17
12	.89 (22.6)	10-17	10-17
13	1.02 (25.9)	10-17	13-17



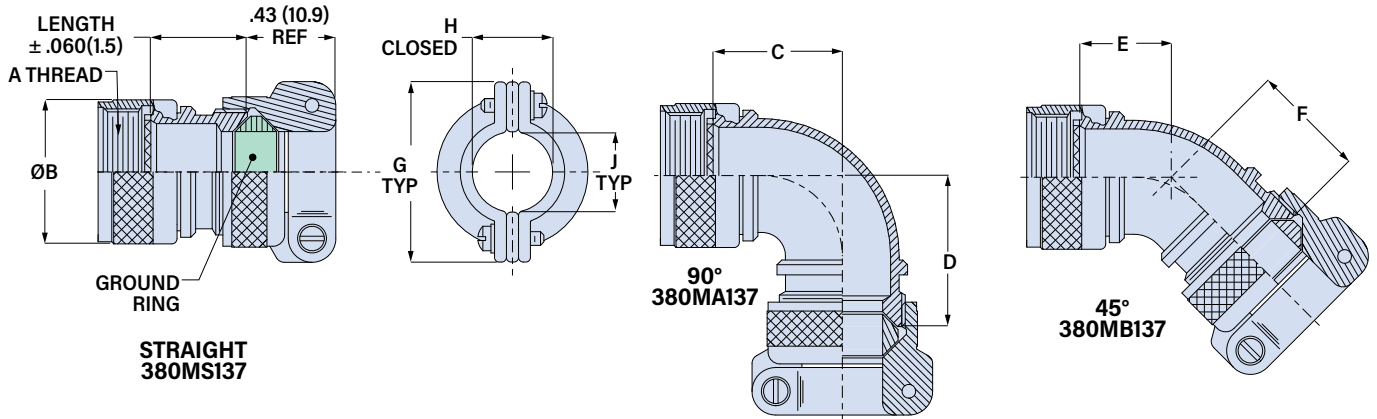
Length	Length Code	Length	Length Code	Length
	5	.63 (16.0)	10	1.25 (31.8)
	6	.75 (19.1)	12	1.50 (38.1)
	8	1.00 (25.4)	16	2.00 (50.8)

Length applies to Profile S (straight) only. in 1/8 inch increments.

Series 38 EMI Backshells

for Series 80 Mighty Mouse Connectors

380M*137 EMI Backshell, Spin Coupling



Shell Size Code	Shell Size		A Thread UNEF-2B	ØB Max.		Min/Max Entry Size			
	Series 800, 801, 803, 804	Series 805		in	mm	Profile A	Profile B	Profile S	Profile S
05	5	N/A	0.250-32	.470	11.9	01	05	01	05
06	6	N/A	0.3125-32	.530	13.5	01	06	01	08
11	N/A	8	0.3750-32	.570	14.5	01	06	01	08
07	7	9	0.4375-28	.637	16.2	01	08	01	09
08	8	10	0.500-28	.700	17.8	03	10	02	10
09	9	11	0.5625-24	.758	19.3	03	10	03	11
10	10	12	0.625-24	.819	20.8	03	13	03	12
12	11, 12, 13	13	0.6875-24	.896	22.8	04	13	04	12
13	N/A	15	0.750-20	.930	23.6	04	13	05	13
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	06	13	05	13
16	19	21	1.0625-18	1.230	31.2	08	13	06	13
17	21	23	1.1875-18	1.387	35.2	08	13	07	13

Entry Size	C Max.		D Max.		E Max.		F Max.		G Typ.		ØH Closed ±.03 (0.8)		øJ ±.03 (0.8)		øK ±.015 (0.4)	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
01	.724	18.4	.702	17.8	.603	15.3	.581	14.8	.496	12.6	.11	2.8	.119	3.0	.398	10.1
02	.724	18.4	.702	17.8	.603	15.3	.581	14.8	.582	14.8	.17	4.3	.182	4.6	.460	11.7
03	.724	18.4	.702	17.8	.603	15.3	.581	14.8	.656	16.7	.23	5.8	.244	6.2	.523	13.3
04	.786	20.0	.764	19.4	.629	16.0	.607	15.4	.726	18.4	.30	7.6	.307	7.8	.585	14.9
05	.786	20.0	.764	19.4	.629	16.0	.607	15.4	.885	22.5	.36	9.1	.369	9.4	.647	16.4
06	.848	21.5	.826	21.0	.655	16.6	.633	16.1	.952	24.2	.42	10.7	.432	11.0	.710	18.0
07	.848	21.5	.826	21.0	.655	16.6	.633	16.1	1.018	25.9	.48	12.2	.494	12.5	.773	19.6
08	.911	23.1	.889	22.6	.707	18.0	.685	17.4	1.084	27.5	.55	14.0	.557	14.1	.835	21.2
09	.911	23.1	.889	22.6	.707	18.0	.685	17.4	1.148	29.2	.61	15.5	.619	15.7	.897	22.8
10	.973	24.7	.951	24.2	.733	18.6	.711	18.1	1.211	30.8	.67	17.0	.682	17.3	.959	24.4
11	.973	24.7	.951	24.2	.733	18.6	.711	18.1	1.273	32.3	.73	18.5	.744	18.9	1.021	25.9
12	1.036	26.3	1.014	25.8	.785	19.9	.763	19.4	1.400	35.6	.86	21.8	.869	22.1	1.083	27.5
13	1.098	27.9	1.076	27.3	.811	20.6	.789	20.0	1.539	39.1	.99	25.1	1.010	25.7	1.145	29.1

Series 38 EMI Backshells

for Series 806 Mil/Aero Connectors

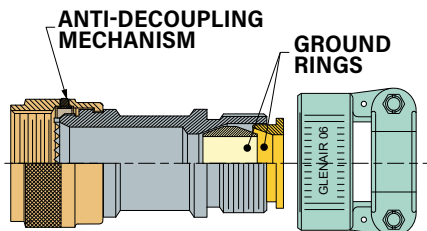
380V*143 EMI Backshell, Self-Locking



Self-Locking

Adapter Code **V**

This accessory fits Glenair Series 806 Mil-Aero Connectors



PROFILE SELECTION GUIDE

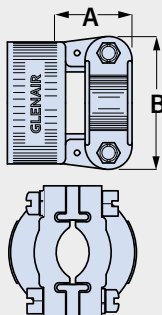
<p>S Straight</p>	
<p>H 45°</p>	<p>J 90°</p>
<p>M 45°</p>	<p>N 90°</p>

EMI shielding. Self-locking. Straight, 45° or 90°. 380V*143 backshells fit Glenair Series 806 connectors. Two ground rings for terminating individual and overall braid shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Non-environmental. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

		380VS143	ME	14	06	H	3
Base P/N	Base Part No.	Profile					
	380VS143	S	Straight				
	380VH143	H	45° Cut/Weld				
	380VJ143	J	90° Cut/Weld				
	380VM143	M	45° Full Radius				
	380VN143	N	90° Full Radius				
Material/Finish	ME	Alum/Electroless Nickel					
	MT	Alum/Nickel-PTFE					
	NF	Alum/Olive Drab Cadmium					
	ZR	Alum/Black Zinc-Nickel					
	TZ	Alum/Tin-Zinc					
	ZI	SST/Passivated					
Shell Size	08 09 10 11 12 14 16 18 20 22 24						
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*	
	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24	
	04	.312 (7.9)	09-24	20	1.250 (31.8)	-	
	06	.437 (11.1)	11-24	24	1.375 (34.9)	-	
	08	.562 (14.3)	14-24	28	1.625 (41.3)	-	
	10	.625 (15.9)	16-24	32	1.875 (47.6)	-	
	12	.750 (19.1)	18-24				
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.							
Strain Relief	H	Saddle Clamp					
Length	3	1.5 inches	Applies to Profile S only.				
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.				
	6	3.0 inches					
	8	4.0 inches					

STRAIN RELIEF DIMENSIONS

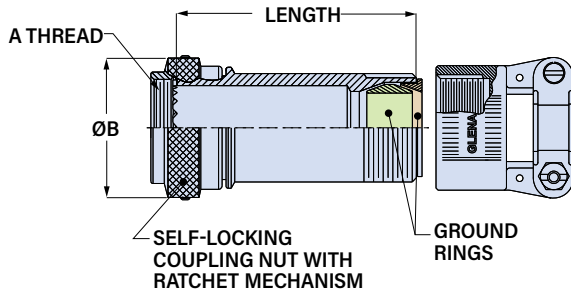


Entry Size	Cable Range							
	A Max		B Max		Min		Max	
	in	mm	in	mm	in	mm	in	mm
03	.780	19.8	.957	24.3	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

Series 38 EMI Backshells

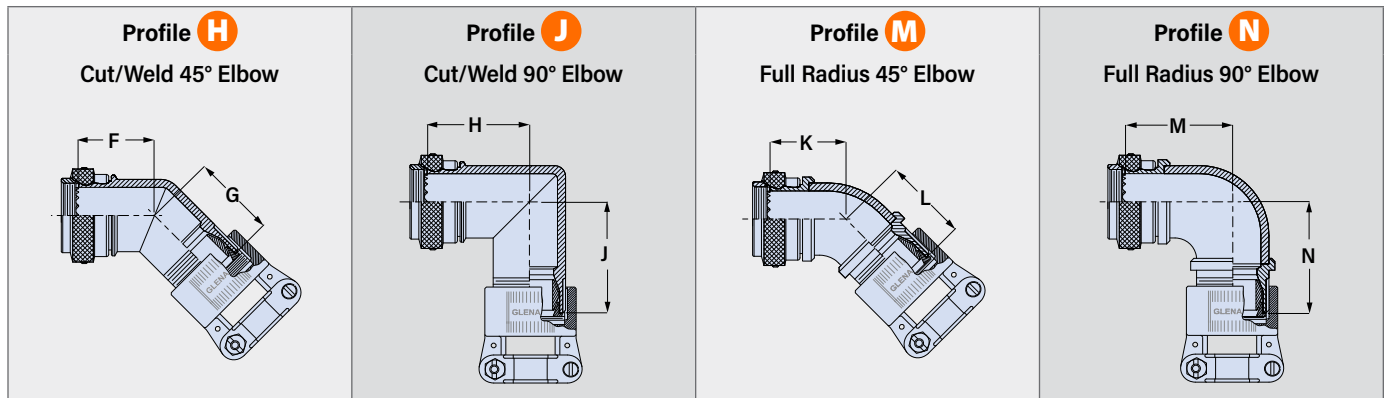
for Series 806 Mil/Aero Connectors

380V*143 EMI Backshell, Self-Locking



Shell Size	A Thread ISO Metric	ØB Max. in	ØB Max. mm	Max. Entry Size ⁽¹⁾
08	M10 x 1.0-6H	.642	16.31	03
09	M12 x 1.0-6H	.735	18.67	04
10	M14 x 1.0-6H	.786	19.96	04
11	M15 x 1.0-6H	.830	21.08	06
12	M17 x 1.0-6H	.911	23.14	06
14	M19 x 1.0-6H	1.002	25.45	08
16	M22 x 1.0-6H	1.149	29.18	10
18	M25 x 1.0-6H	1.264	32.11	12
20	M28 x 1.0-6H	1.394	35.41	16
22	M31 x 1.0-6H	1.513	38.43	16
24	M34 x 1.0-6H	1.631	41.43	16

(1) If the Entry Size exceeds "Max. Entry Size", a front adapter will be included. See "Maximum Entry Size" on this page.



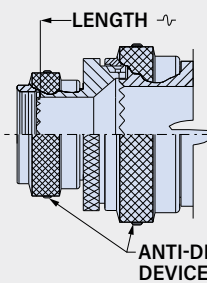
Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.62	15.8	.90	22.9	.79	20.1	1.08	27.4	.79	20.1	1.07	27.2	.94	23.9	1.23	31.2
09	.64	16.3	.93	23.6	.84	21.3	1.13	28.7	.79	20.1	1.07	27.2	.94	23.9	1.23	31.2
10	.67	17.0	.93	23.6	.84	21.3	1.18	30.0	.79	20.1	1.13	28.7	.97	24.6	1.32	33.5
11	.67	17.0	.97	24.6	.90	22.9	1.19	30.2	.79	20.1	1.13	28.7	.97	24.6	1.32	33.5
12	.70	17.8	.97	24.6	.90	22.9	1.24	31.5	.83	21.1	1.21	30.7	1.04	26.4	1.42	36.1
14	.72	18.3	1.00	25.4	.96	24.4	1.27	32.3	.83	21.1	1.21	30.7	1.04	26.4	1.42	36.1
16	.76	19.3	1.05	26.7	1.02	25.9	1.33	33.8	.84	21.3	1.28	32.5	1.08	27.4	1.52	38.6
18	.79	20.1	1.11	28.2	1.12	28.5	1.39	35.3	.89	22.6	1.36	34.5	1.14	29.0	1.62	41.2
20	.82	20.8	1.17	29.7	1.24	31.5	1.49	37.9	.92	23.4	1.43	36.3	1.21	30.7	1.71	43.4
22	.86	21.8	1.21	30.7	1.24	31.5	1.56	39.6	.95	24.1	1.49	37.9	1.28	32.5	1.81	46.0
24	.90	22.9	1.29	32.8	1.25	31.8	1.68	42.7	.98	24.5	1.55	39.4	1.33	33.8	1.91	48.5

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

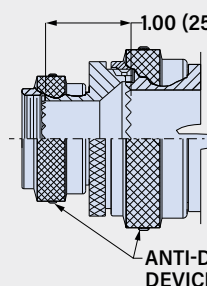
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	03	16	10
09	04	18	12
10	04	20	16
11	06	22	16
12	06	24	16
14	08		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1½ inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the front adapter adds 1 inch to the length.



Series 38 EMI Backshells

for Series 806 Mil/Aero Connectors

387V*243 EMI Backshell, Composite, Self-Locking



Self-Locking

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

MATERIAL/FINISH

Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, black
 Body and shield termination ring: polyetherimide (PEI)/finish per PN
 Screws, washers: stainless steel/passivated
 Anti-decoupling spring: thermoplastic
 Ground rings: aluminum, finish per PN

TABLE 1: ENTRY SIZE

Entry Size	Cable Entry ± .039 (1.0)		G Max.		Shell Size
	in	mm	in	mm	
04	.312	7.9	1.125	28.6	08-24
06	.437	11.1	1.250	31.8	10-24
08	.500	12.7	1.312	33.3	12-24
10	.625	15.9	1.438	36.5	14-24
12	.750	19.1	1.625	41.3	18-24
14	.874	22.2	1.688	42.9	20-24
16	.937	23.8	1.750	44.5	22-24
17	1.094	27.8	1.906	48.5	24

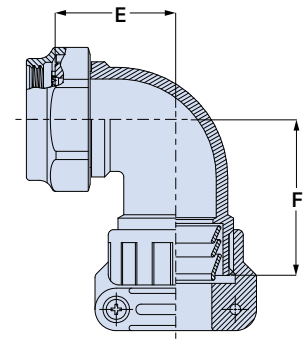
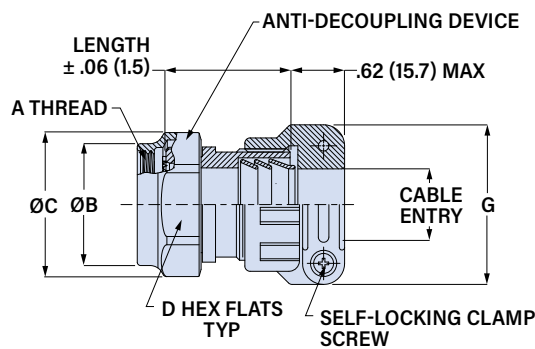
Shielded. Corrosion proof. Self locking. 387V*243 backshell fits Glenair Series 806 connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Non-environmental. Available with electroless nickel, nickel-PTFE, or olive drab cadmium plating. Glass-reinforced thermoplastic, aluminum ground rings, telescoping stainless steel clamp screws.

PART NUMBER

	387VS243	XM	14	10	-6
Base P/N	Base Part No.	Profile			
	387VS243	S Straight			
	387VW243	W 90° Elbow			
Body Finish	XM	Electroless Nickel	<i>Coupling nut and saddle clamp are unplated.</i>		
	XMT	Nickel-PTFE			
	XW	Olive Drab Cadmium			
	XTZ	Tin-Zinc			
Shell Size	08 09 10 11 12 14 16 18 20 22 24				
Entry Size	<i>See Table 1</i>				
Length	4	1.00 inches	<i>Length applies to Profile S (straight) only. in ¼ inch increments, 1.0 inch minimum.</i>		
	5	1.25 inches			
	6	1.50 inches			
	8	2.0 inches			

S Straight

W 90°



Shell Size	A Thread	øB Max		øC Max		D Flats		E ±.078(2.0)		F ±.078(2.0)		Max Entry Size
		in	mm	in	mm	in	mm	in	mm	in	mm	
08	M10 x 1.0-6H	.65	16.5	.86	21.8	.75	19.1	.722	18.3	1.750	44.4	04
09	M12 x 1.0-6H	.65	16.5	.86	21.8	.75	19.1	.722	18.3	1.750	44.4	04
10	M14 x 1.0-6H	.77	19.6	.98	24.9	.88	22.2	.784	19.9	1.820	46.2	06
11	M15 x 1.0-6H	.77	19.6	.98	24.9	.88	22.2	.784	19.9	1.820	46.2	06
12	M17 x 1.0-6H	.89	22.6	1.16	29.5	1.00	25.4	.816	20.7	1.860	47.2	08
14	M19 x 1.0-6H	1.03	26.2	1.28	32.5	1.13	28.6	.878	22.3	1.880	47.8	10
16	M22 x 1.0-6H	1.03	26.2	1.28	32.5	1.13	28.6	.878	22.3	1.880	47.8	10
18	M25 x 1.0-6H	1.15	29.2	1.41	35.8	1.25	31.8	.942	23.9	1.942	49.3	12
20	M28 x 1.0-6H	1.28	32.5	1.52	38.6	1.38	34.9	1.003	25.5	2.000	50.8	14
22	M31 x 1.0-6H	1.41	35.8	1.64	41.7	1.50	38.1	1.037	26.3	2.062	52.4	16
24	M34 x 1.0-6H	1.53	38.9	1.77	45.0	1.63	41.3	1.116	28.3	2.194	55.7	17

Series 38 EMI Backshells

for Series 970 PowerTrip® Connectors

380P*105 EMI Backshell, Self-Locking

Self-Locking



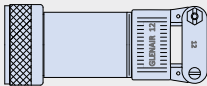
Shielded. Straight, 45° or 90°. 380P*105 backshell fits Glenair Series 970 PowerTrip connectors. Spin coupling, non-environmental. For use with shielded cable. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Two ground rings for terminating both individual and overall braid shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Available in aluminum or stainless steel.

Adapter Code P

This accessory fits Glenair Series 970 PowerTrip Connectors

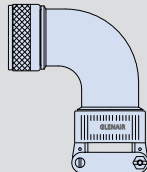
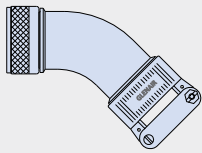
PROFILE SELECTION GUIDE

S Straight



M 45°

N 90°



PART NUMBER

380PS105 ME 20 12 H 4

Base P/N	Base Part No.	Profile
	380PS105	S Straight
	380PM105	M 45° Full Radius
	380PN105	N 90° Full Radius

Material/Finish	Material/Finish
ME	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc
ZI	SST/ Passivated

Shell Size 18 20 24 28 32 36 40

Entry Size	Entry Size	Max. Cable Dia.	Max. Cable Dia.	Shell Size*	Shell Size*
04	16	.312 (7.9)	.937 (23.8)	18-40	24-40
06	20	.437 (11.1)	1.250 (31.8)	18-40	28-40
08	24	.562 (14.3)	1.375 (34.9)	18-40	32-40
10	28	.625 (15.9)	1.625 (41.3)	18-40	36-40
12	32	.750 (19.1)	1.875 (47.6)	20-40	40

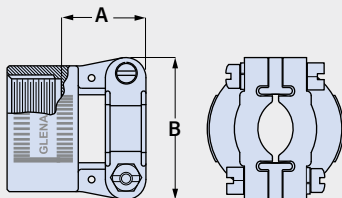
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Strain Relief H Saddle Clamp



Length	Length	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 4 inch minimum applies.
6	3 inches	
8	4 inches	
10	5 inches	
12	6 inches	

STRAIN RELIEF DIMENSIONS

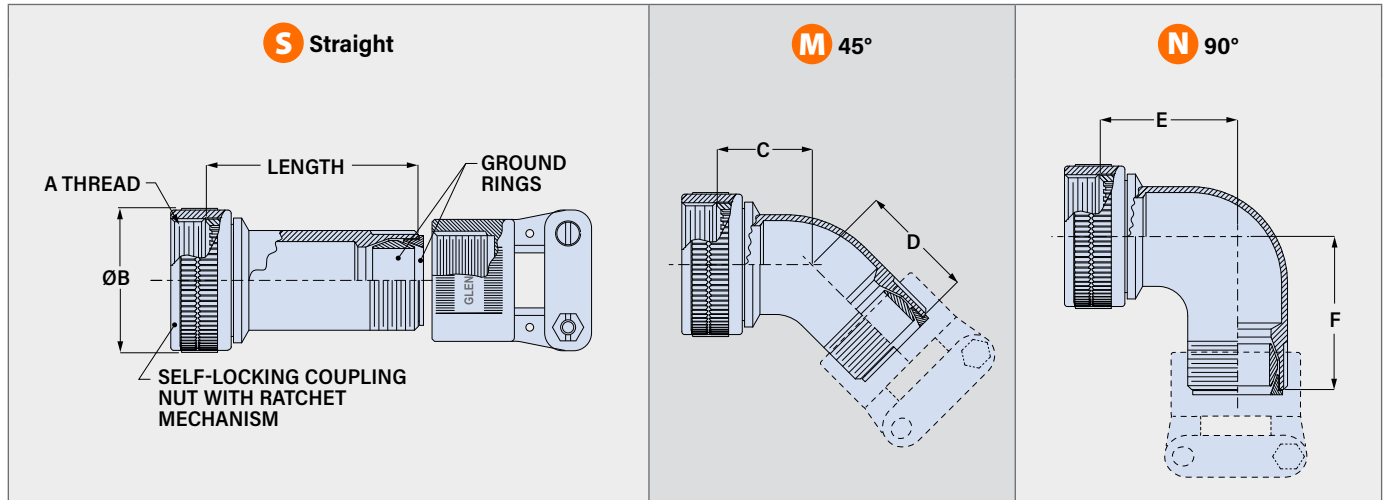


Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min in	Min mm	Max in	Max mm
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6

Series 38 EMI Backshells

for Series 970 PowerTrip® Connectors

380P*105 Spin Coupling, Self-Locking



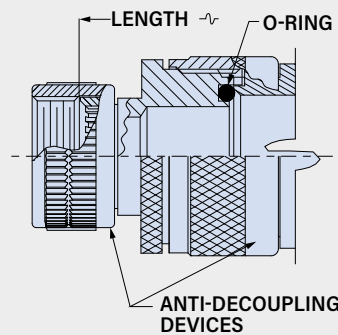
Shell Size	A Thread	Ø B Max. in	mm	C Max. in	mm	D Max. in	mm	E Max. in	mm	F Max. in	mm	Max. Entry Size
18	1.125-18 UNEF-2B	1.39	35.3	1.250	31.8	1.156	29.4	1.906	48.4	1.812	46.0	10
20	1.250-18 UNEF-2B	1.53	38.9	1.312	33.3	1.219	31.0	2.031	51.6	1.938	49.2	12
24	1.4375-18 UNEF-2B	1.72	43.7	1.46	35.7	1.312	33.3	2.281	57.9	2.188	55.6	16
28	1.8125-16 UN-2B	2.13	54.1	1.500	38.1	1.625	41.3	2.531	64.3	2.625	66.7	20
32	2.0625-16 UNS-2B	2.35	59.7	1.675	42.5	1.945	49.4	2.625	66.7	2.895	73.5	24
36	2.250-16 UN-2B	2.59	65.8	1.799	45.7	2.069	52.6	2.875	73.0	3.145	79.9	28
40	2.500-16 UN-2B	2.87	70.6	1.861	47.3	2.131	54.1	3.025	76.8	3.295	83.7	32

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

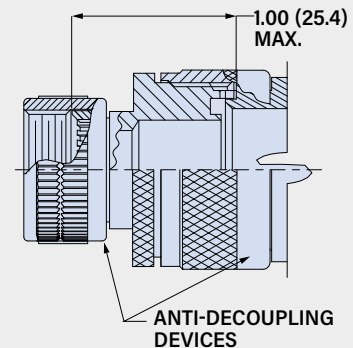
Shell Size	Maximum Entry Size
18	12
20	16
24	16
28	24
32	28
36	32
40	32

Style 2 Straight Backshell



Profile **S** straight backshell minimum length code is 8 (4 inches).

Style 2 45° and 90° Backshells



For Profile **M** and **N** 45° and 90° backshells, the length increases by 1 inch.

Series 39 EMI+Environmental Backshells

Selection Guide

Series 39 EMI+Environmental Backshells



Series 39 EMI+Environmental Backshells protect wiring harnesses from EMI/RFI interference and water ingress. Type F dual ground rings accept individual and overall braid shields. Type H heavy duty saddle clamp has telescoping stainless steel screws, or choose low profile gland nut. Silicone grommet compresses onto cable jacket for watertight seal.

Adapter Code

A

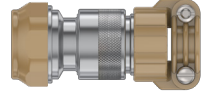
AS50151 crimp
AS95234
MIL-DTL-26482 Ser. II
MIL-DTL-83723 Ser. III



EMI+Environmental
Backshell, Spin Coupling
390A*053
Page 39-2



EMI+Environmental
Backshell, Self-Locking
390A*055
Page 39-4



EMI+Environmental
Backshell, Composite
390A*052
Page 39-6

Adapter Code

B

AS50151 Solder



EMI+Environmental
Backshell, Direct Coupling
390B*002
Page 39-7

Adapter Code

D

MIL-DTL-26482
Series I



EMI+Environmental
Backshell, Direct Coupling
390D*002
Page 39-9

Adapter Code

F

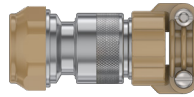
MIL-DTL-38999
Series I and II



EMI+Environmental
Backshell, Spin Coupling
390F*053
Page 39-11



EMI+Environmental
Backshell, Self-Locking
390F*055
Page 39-13



EMI+Environmental
Backshell, Composite
390F*052
Page 39-15

Adapter Code

G

MIL-DTL-28840



EMI+Environmental
Backshell, Spin Coupling
390G*013
Page 39-21

Adapter Code

H

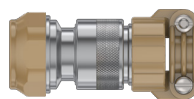
MIL-DTL-38999
Series III and IV



EMI+Environmental
Backshell, Spin Coupling
390H*053
Page 39-16



EMI+Environmental
Backshell, Self-Locking
390H*055
Page 39-18



EMI+Environmental
Backshell, Composite
390H*052
Page 39-20

Adapter Code

P

Series 970
PowerTrip

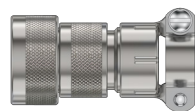


EMI+Environmental
Backshell, Self-Locking
390P*055
Page 39-28

Adapter Code

M

Series 80
Mighty Mouse



EMI+Environmental
Backshell, Direct Coupling
390MS076
Page 39-23

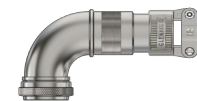


EMI+Environmental
Backshell, Spin Coupling
390M*077
Page 39-24

Adapter Code

V

Series 806
Mil-Aero



EMI+Environmental
Backshell, Self-Locking
390V*091
Page 39-26

Series 39 EMI+Environmental Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

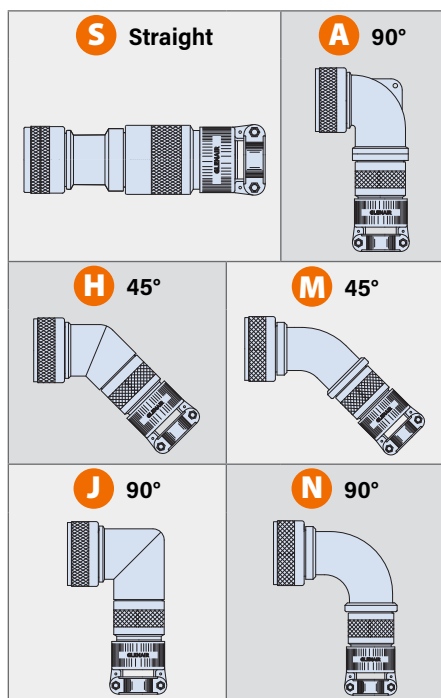
390A*053 EMI+Environmental Backshell, Spin Coupling



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PROFILE SELECTION GUIDE

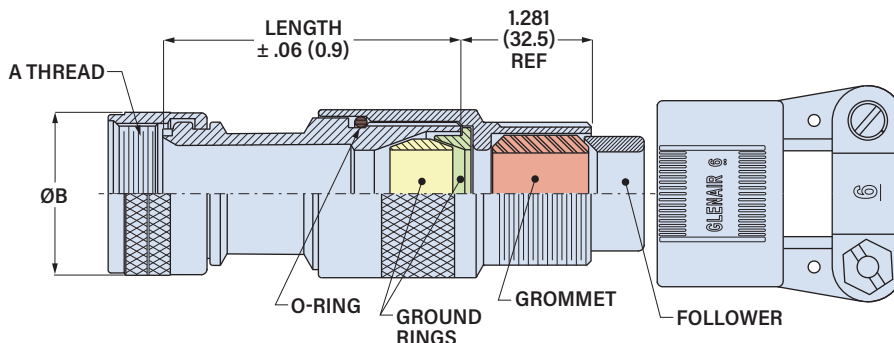


Shielded. Environmental. 390A*053 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Spin coupling. Two ground rings for terminating individual and overall braid shields. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-ring and cable grommet.

PART NUMBER

	390AS053	NF	18	10	H	3
Base P/N	Base Part No.	Profile	Shell Size			
	390AS053	S Straight	08-28			
	390AA053	A 90° Low Profile	08-28			
	390AH053	H 45° Cut/Weld	08-24			
	390AJ053	J 90° Cut/Weld	08-24			
	390AM053	M 45° Full Radius	08-28			
Material/Finish	390AN053	N 90° Full Radius	08-28			
	M	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)				
Shell Size	08 10 12 14 16 18 20 22 24 28					
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*
	03	.250 (7.9)	08-28	16	.937 (23.8)	22-28
	04	.312 (7.9)	10-28	20	1.250 (31.8)	28
	06	.437 (11.1)	12-28	24	1.375 (34.9)	28
	08	.562 (14.3)	14-28	28	1.625 (41.3)	-
	10	.625 (15.9)	16-28	32	1.875 (47.6)	-
	12	.750 (19.1)	18-28			
<i>* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.</i>						
Strain Relief	H	Saddle Clamp			Saddle Clamp	
	D	Nut			Nut	
Length	3	1.5 inches	<i>Applies to Profile S only.</i>			
	4	2.0 inches	<i>If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>			
	6	3.0 inches				
	8	4.0 inches				

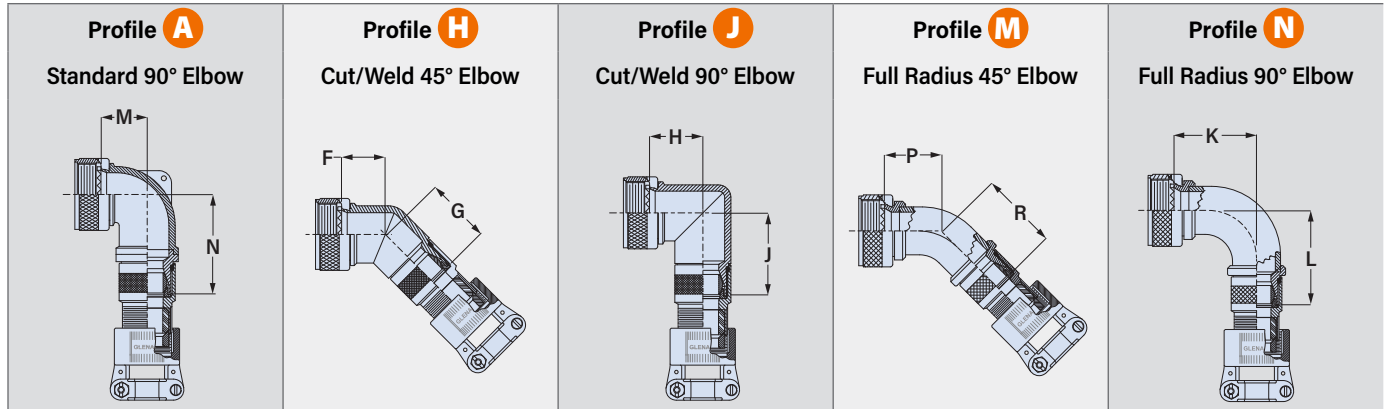
Shell Size	A Thread Class 2B	øB Max in	mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9
28	1.750-18 UNS	1.97	50.0



Series 39 EMI+Environmental Backshells

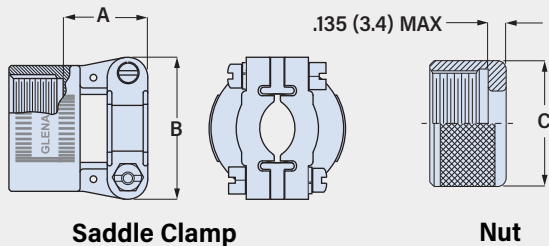
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

390A*053 EMI+Environmental Backshell, Spin Coupling



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max		P Max		R Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.639	16.2	1.031	26.2	.750	19.1	1.157	29.4	1.125	28.6	1.287	32.7	.500	12.7	1.420	36.1	.812	20.6	1.095	27.8
10	.664	16.9	1.063	27.0	.810	20.6	1.217	30.9	1.250	31.8	1.411	35.8	.595	15.1	1.540	39.1	.875	22.2	1.145	29.1
12	.688	17.5	1.094	27.8	.870	22.1	1.277	32.4	1.375	34.9	1.537	39.0	.610	15.5	1.560	39.6	.938	23.8	1.195	30.4
14	.705	17.9	1.119	28.4	.920	23.4	1.347	34.2	1.500	38.1	1.761	44.7	.700	17.8	2.154	54.7	1.000	25.4	1.245	31.6
16	.732	18.6	1.147	29.1	.980	24.9	1.407	35.7	1.625	41.3	1.787	45.4	.885	22.5	2.244	57.0	1.062	27.0	1.300	33.0
18	.748	19.0	1.157	29.4	1.020	25.9	1.427	36.2	1.750	44.5	1.911	48.5	.975	24.8	2.414	61.3	1.094	27.8	1.350	34.3
20	.773	19.6	1.177	29.9	1.080	27.4	1.487	37.8	1.875	47.6	2.037	51.7	.975	24.8	2.414	61.3	1.156	29.4	1.400	35.6
22	.800	20.3	1.217	30.9	1.140	29.0	1.567	39.8	2.000	50.8	2.161	54.9	1.125	28.6	2.587	65.7	1.188	30.2	1.455	37.0
24	.823	20.9	1.247	31.7	1.200	30.5	1.637	41.6	2.125	54.0	2.287	58.1	1.125	28.6	2.587	65.7	1.250	31.8	1.505	38.1
28	-	-	-	-	-	-	-	-	2.375	60.3	2.594	65.9	1.225	31.1	2.740	69.6	1.344	34.1	1.594	40.5

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

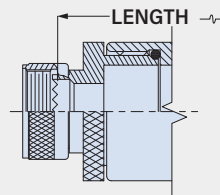
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

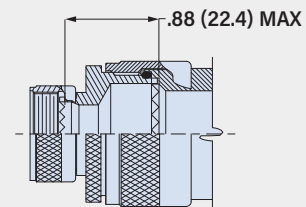
Shell Size	Maximum Entry Size
08	03
10	04
12	06
14	08
16	10
18	12
20	12
22	16
24	16
28	24

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.

Series 39 EMI+Environmental Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

390A*055 EMI+Environmental Backshell, Self-Locking

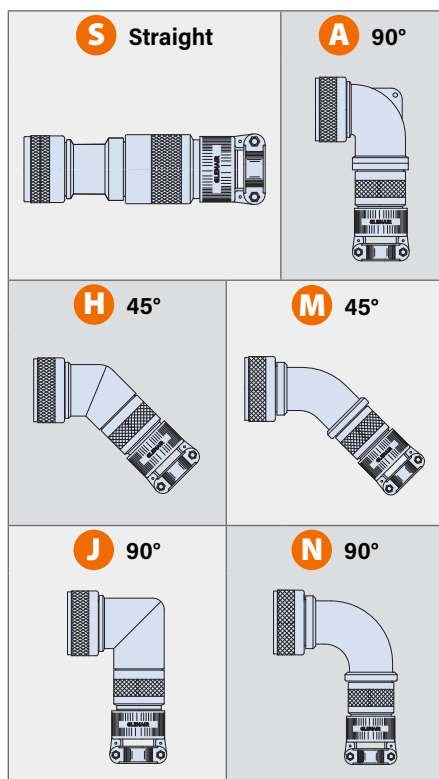
Self-Locking



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

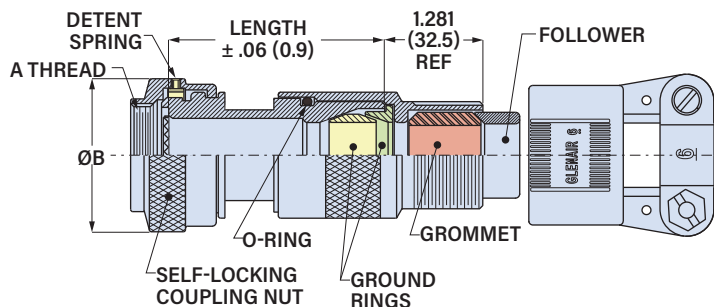
PROFILE SELECTION GUIDE



PART NUMBER

	390AS055	NF	18	10	H	3	
Base P/N	Base Part No.	Profile					
	390AS055	S	Straight				
	390AA055	A	90° Low Profile				
	390AH055	H	45° Cut/Weld				
	390AJ055	J	90° Cut/Weld				
	390AM055	M	45° Full Radius				
390AN055	N	90° Full Radius					
Material/Finish	M	Alum/ Electroless Nickel					
	MT	Alum/ Nickel-PTFE					
	NF	Alum/ Olive Drab Cadmium					
	ZR	Alum/ Black Zinc-Nickel					
	TZ	Alum/ Tin-Zinc					
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)					
Shell Size	08 10 12 14 16 18 20 22 24 28 32						
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*	
	03	.250 (7.9)	08-32	16	.937 (23.8)	22-32	
	04	.312 (7.9)	10-32	20	1.250 (31.8)	28-32	
	06	.437 (11.1)	12-32	24	1.375 (34.9)	28-32	
	08	.562 (14.3)	14-32	28	1.625 (41.3)	32	
	10	.625 (15.9)	16-32	32	1.875 (47.6)	-	
	12	.750 (19.1)	18-32				
	<i>* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. .</i>						
	Strain Relief	H	Saddle Clamp				
		D	Nut				
Length	3	1.5 inches	<i>Applies to Profile S only.</i>				
	4	2.0 inches	<i>If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch</i>				
	6	3.0 inches	<i>minimum applies.</i>				
	8	4.0 inches					

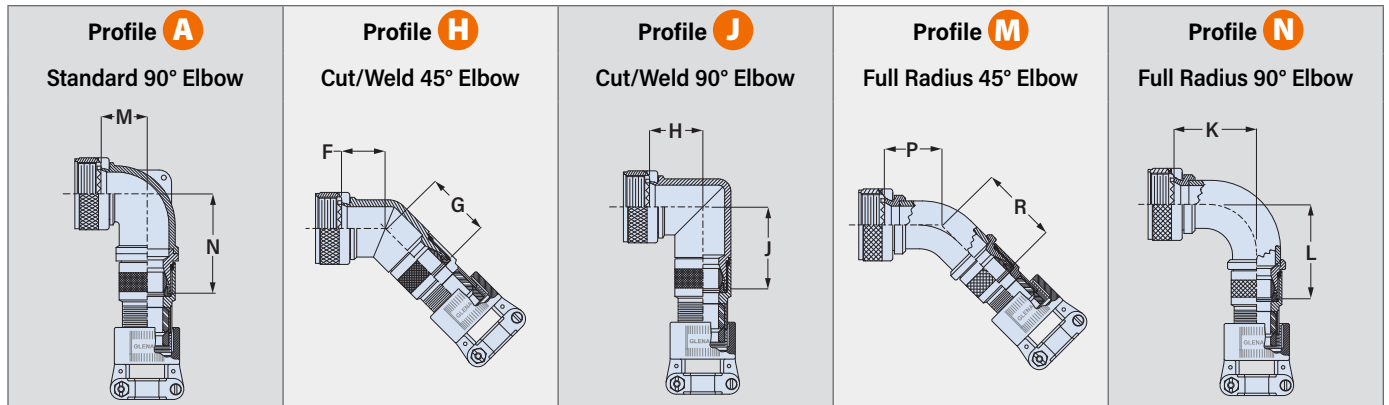
Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.69	17.5
10	0.625-24 UNEF	.82	20.8
12	0.750-20 UNEF	.94	23.8
14	0.875-20 UNEF	1.06	26.9
16	1.000-20 UNEF	1.17	29.7
18	1.0625-18 UNEF	1.46	37.1
20	1.1875-18 UNEF	1.60	40.6
22	1.3125-18 UNEF	1.70	43.2
24	1.4375-18 UNEF	1.84	46.7
28	1.750-18 UNS	2.01	51.1
32	2.000-18 UNS	2.26	57.4



Series 39 EMI+Environmental Backshells

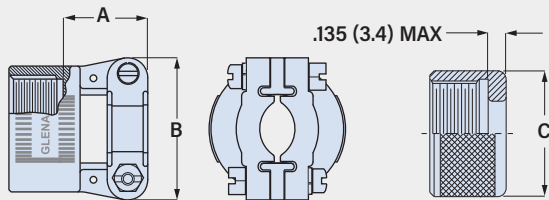
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

390A*055 EMI+Environmental Backshell, Self-Locking



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max		P Max		R Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.795	20.2	1.031	26.2	.906	23.0	1.157	29.4	1.281	32.5	1.287	32.7	.655	16.6	1.880	47.8	.968	24.6	1.095	27.8
10	.820	20.8	1.063	27.0	.966	24.5	1.217	30.9	1.406	35.7	1.411	35.8	.750	19.1	1.990	50.5	1.031	26.2	1.145	29.1
12	.844	21.4	1.094	27.8	1.026	26.1	1.277	32.4	1.531	38.9	1.537	39.0	.765	19.4	2.020	51.3	1.094	27.8	1.195	30.4
14	.961	21.9	1.119	28.4	1.076	27.3	1.347	34.2	1.656	42.1	1.761	44.7	.855	21.7	2.154	54.7	1.156	29.4	1.245	31.6
16	.888	22.6	1.147	29.1	1.136	28.9	1.407	35.7	1.781	45.2	1.787	45.4	1.040	26.4	2.244	57.0	1.218	30.9	1.300	33.0
18	.904	23.0	1.157	29.4	1.176	29.9	1.427	36.2	1.906	48.4	1.911	48.5	1.130	28.7	2.414	61.3	1.250	31.8	1.350	34.3
20	.929	23.6	1.177	29.9	1.236	31.4	1.487	37.8	2.031	51.6	2.037	51.7	1.130	28.7	2.414	61.3	1.312	33.3	1.400	35.6
22	.956	24.3	1.217	30.9	1.296	32.9	1.567	39.8	2.156	54.8	2.161	54.9	1.280	32.5	2.587	65.7	1.344	34.1	1.455	37.0
24	.979	24.9	1.247	31.7	1.356	34.4	1.637	41.6	2.281	57.9	2.287	58.1	1.280	32.5	2.587	65.7	1.406	35.7	1.505	38.1
28	1.197	30.1	1.387	35.2	1.422	36.2	1.777	45.1	2.594	65.9	2.594	65.9	1.380	34.3	2.740	69.6	1.594	40.5	1.594	40.5
32	1.280	32.5	1.527	38.8	1.545	39.2	1.917	48.7	2.907	73.8	2.901	73.7	1.760	44.7	2.990	76.0	1.782	45.3	1.693	43.0

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

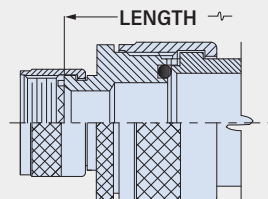
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

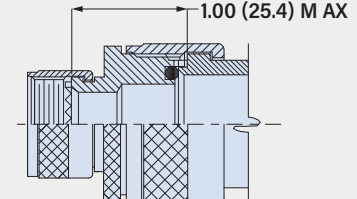
Shell Size	Maximum Entry Size	Shell Size	Maximum Entry Size
08	03	20	12
10	04	22	16
12	06	24	16
14	08	28	24
16	10	32	28
18	12		

Style 2 Straight Backshell



The minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



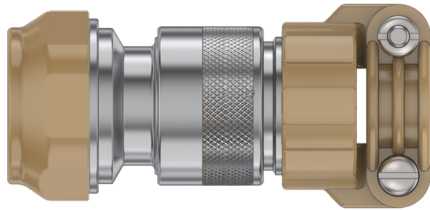
For 45° and 90° backshells, the length increases by 1.00 inches.

Series 39 EMI+Environmental Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

390A*052 EMI+Environmental Backshell, Composite, Self-Locking

Self-Locking



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

MATERIAL/FINISH

Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, amber color
 Body and shield termination ring: polyetherimide (PEI)/finish per PN
 Screws, washers: stainless steel/passivated
 Anti-decoupling spring: thermoplastic

Shielded. Environmental. Composite. Self-locking. 390A*052 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Environmental. Cone and ring braid shield termination. Available with electroless nickel, nickel-PTFE, or olive drab cadmium plating. Glass-reinforced thermoplastic, telescoping stainless steel clamp screw.

PART NUMBER

	390AW052	XM	16	12	C
Base P/N	Base Part No.	Profile	Shell Size		
	390AS052	S Straight	08-28		
	390AT052	T 45° Elbow	08-24		
	390AW052	W 90° Elbow	08-28		
Body Finish	XM Electroless Nickel	<i>Coupling nut and saddle clamp are unplated.</i>			
	XMT Nickel-PTFE				
	XW Olive Drab Cadmium				
	XTZ Tin-Zinc				
Shell Size	08 10 12 14 16 18 20 22 24 28				
Entry Size	See Table 1				
Strain Relief Type	C	Saddle Clamp			

S Straight

W 90°

T 45°

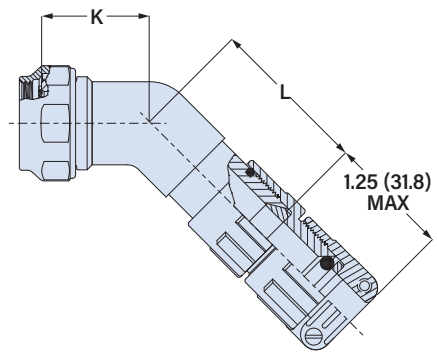
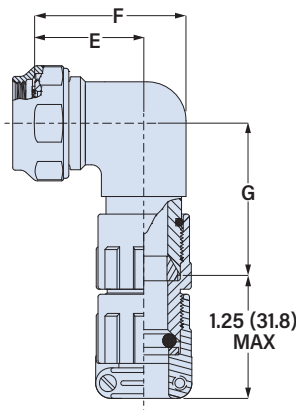
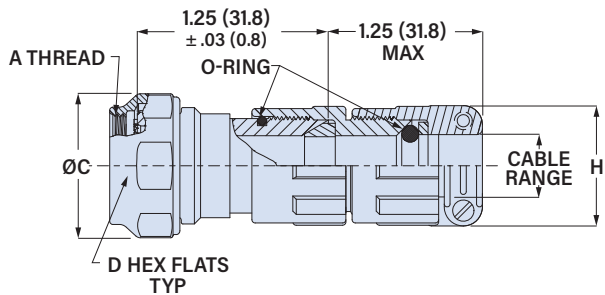


TABLE 1: ENTRY SIZE

Entry Size	Cable Diameter				H Max.		Shell Size	Shell Size	A Thread Class 2B	øC Max	D Flats	E ±.06(1.5)	F ±.09(2.3)	G ±.09(2.3)	K ±.06(1.5)	L ±.06(1.5)	Max Entry Size							
	in Min.	in Max.	mm Min.	mm Max.	in	mm																		
10	.13	.25	3.3	6.4	1.00	25.4	08-28	08	0.500-20 UNF	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	27.0	.72	18.3	.88	22.4	10
12	.25	.38	6.4	9.7	1.23	31.2	10-28	10	0.625-24 UNEF	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	.75	19.1	.94	23.9	12
14	.31	.44	7.9	11.2	1.34	34.0	12-28	12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	.75	19.1	1.00	25.4	14
16	.50	.63	12.7	15.9	1.47	37.3	14-28	14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.25	31.8	.76	19.3	1.03	26.2	16
18	.56	.69	14.2	17.5	1.56	39.6	16-28	16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.31	33.3	.78	19.8	1.06	26.9	20
20	.63	.75	16.0	19.1	1.62	41.1	16-28	18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.34	34.0	.79	20.1	1.07	27.2	20
22	.75	.88	19.1	22.2	1.75	44.5	20-28	20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.44	36.6	.82	20.8	1.09	27.7	22
24	.88	1.00	22.4	25.4	1.87	47.5	22-28	22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.50	38.1	.86	21.8	1.14	29.0	24
28	1.00	1.13	25.4	28.6	1.97	50.0	24-28	24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.56	39.6	.92	23.4	1.17	29.7	28
32	1.13	1.25	28.6	31.8	2.08	52.8	28	28	1.750-18 UNS	2.16	54.9	2.000	50.8	1.34	34.0	2.13	54.1	1.66	42.2	.92	23.4	1.19	30.2	32



Series 39 EMI+Environmental Backshells

for AS50151 Solder Connectors

390B*002 EMI+Environmental Backshell, Direct Couple



Straight, 45° or 90°. Cone and ring shield termination. 390B*002 backshell fits AS50151 (MS3100) solder connectors. Direct coupling. For use with shielded jacketed cable. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code B

Fits AS50151 Series 1 AN Type solder Connectors. AS310*1, MS3100.

PROFILE SELECTION GUIDE

S Straight

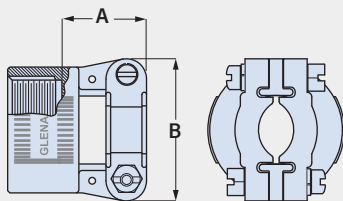
A 90°

B 45°

PART NUMBER

		390B S002	ZR	15	08	H	3	A
Base P/N	390BS002 390BA002 390BB002	S Straight A 90° Elbow B 45° Elbow						
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated (Profile S only)							
Shell Size	Code Shell Size 05 10S 08 10SL 11 12, 12S 14 14, 14S 15 16, 16S 16 18 17 20	Code Shell Size 20 22 21 24 22 28 23 32 26 36 31 40						
Entry Size	See Table 1							
Strain Relief	H Saddle Clamp							
Length	3 1.5 inches 4 2.0 inches 6 3.0 inches 8 4.0 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.						
Connector Manufacturer Code	A Universal	Compatible with all manufacturers. Includes additional thread adapter(s) as necessary to fit multiple manufacturers. See following page for thread dimensions.						

TABLE 1: ENTRY SIZE



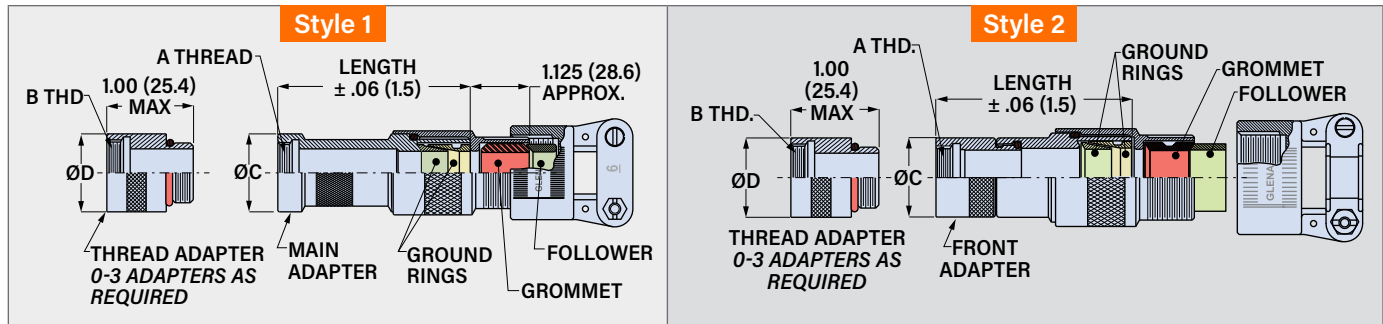
Saddle Clamp

Entry Size	A Max		B Max		Cable Range				Profile S Shell Size Range ⁽¹⁾	
	in	mm	in	mm	Min	mm	Max	mm		
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9	10S-40	(1) If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See next page.
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1	10SL-40	
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3	14-40	
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9	14-40	
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1	16-40	
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8	20-40	
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8	24-40	
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9	28-40	
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3	32-40	
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6	40	

Series 39 EMI+Environmental Backshells

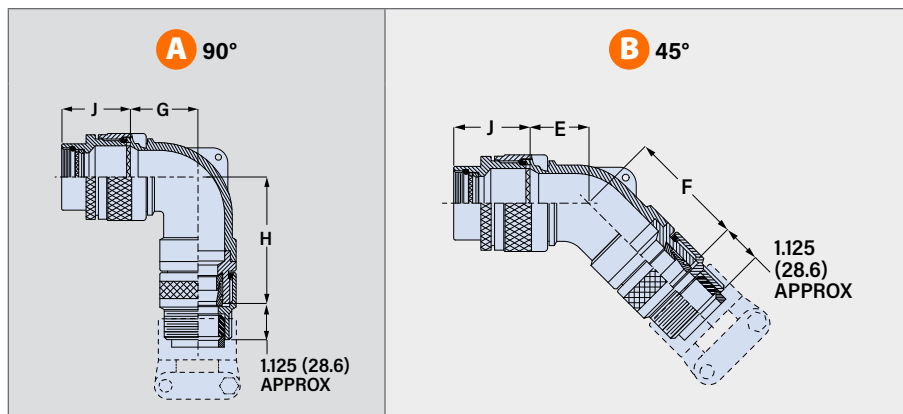
for AS50151 Solder Connectors

390B*002 EMI+Environmental Backshell, Direct Coupling



Shell Size Code	Shell Size	A Class 2B	B Class 2B	øC Max in	øC Max mm	øD Max in	øD Max mm	Max. Entry Size (I)
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4	04
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4	06
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6	06
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A	10
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A	10
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A	12
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3	16
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A	16
21	24	1.3750-18 UNEF	N/A	1.468	37.3	N/A	N/A	20
22	28	1.6250-18 UNEF	N/A	1.593	40.5	N/A	N/A	24
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4	28
			2.0625-16 UNS					
26	36	2.1250-16 UN	2.0625-20 UNEF	2.375	60.3	2.312	58.7	28
			2.1250-18 UNS					
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1	32

- Notes
- "Max. Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the maximum entry shown in the table, a *Style 2* front adapter will be included.



Shell Size Code	Shell Size	J Max in	J Max mm
05	10S	1.180	30.0
08	10SL	1.180	30.0
11	12, 12S	1.180	30.0
14	14, 14S	1.180	30.0
15	16, 16S	1.380	35.1
16	18	1.380	35.1
17	20	1.380	35.1
20	22	1.380	35.1
21	24	1.380	35.1
22	28	1.610	40.9
23	32	1.610	40.9
26	36	1.610	40.9
31	40	1.610	40.9

Entry Size	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm
04	.630	16.0	2.117	53.8	.636	16.2	2.067	52.5
06	.630	16.0	2.117	53.8	.710	18.0	2.187	55.5
08	.692	17.6	2.179	55.3	.731	18.6	2.207	56.1
10	.755	19.2	2.862	72.7	.825	21.0	2.867	72.8
12	.848	21.5	2.972	75.5	.988	25.1	2.957	75.1
16	1.036	26.3	3.159	80.2	1.087	27.6	3.132	79.6
20	1.130	28.7	3.368	85.5	1.325	33.7	3.303	83.9
24	1.255	31.9	3.408	86.6	1.337	34.0	3.453	87.7
28	1.317	33.5	3.553	90.2	1.827	46.4	3.703	94.1
32	1.348	34.2	3.646	92.6	2.027	51.5	2.753	69.9

Series 39 EMI+Environmental Backshells

for MIL-DTL-26482 Series I Connectors

390D*002 EMI+Environmental Backshell, Direct Coupling

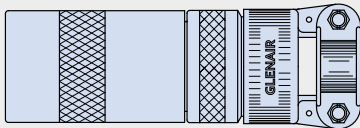


Adapter Code **D**

This accessory fits MIL-DTL-26482 Series I connectors

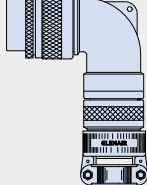
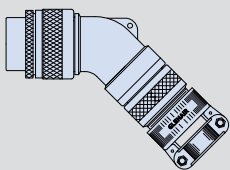
PROFILE SELECTION GUIDE

S Straight



B 45°

A 90°

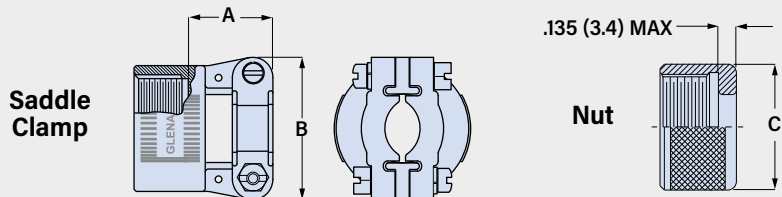


EMI. Environmental. Direct coupling. 390D*002 backshell fits MIL-DTL-26482 Series I connectors. Direct coupling, environmentally sealed with O-rings and cable grommet. For use with shielded jacketed cable. Cone and ring shield termination. Two strain relief options: saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-ring and grommet.

PART NUMBER

	390DS002	NF	12	04	H	3
Base P/N	390DS002 S Straight 390DA002 A 90° Elbow 390DB002 B 45° Elbow					
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated (Profile S only)					
Shell Size	08 10 12 14 16 18 20 22 24					
Entry Size	See Table 1					
Strain Relief	H Saddle Clamp D Nut					
Length	4 2.0 inches 5 2.5 inches 6 3.0 inches 8 4.0 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2.5 inch minimum applies.				

TABLE 1: ENTRY SIZE



Entry Size	A Max		B Max		øC Max		Cable Range				Profile S Shell Size Range ⁽¹⁾
	in	mm	in	mm	in	mm	Min*	Max	in	mm	
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9	08-24
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1	10-24
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3	12-24
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9	14-24
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1	16-24
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8	18-24
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8	24
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9	
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3	
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6	

(1) If selected entry size exceeds shell size range, a Style 2 transition adapter will be included (profile **S** only).

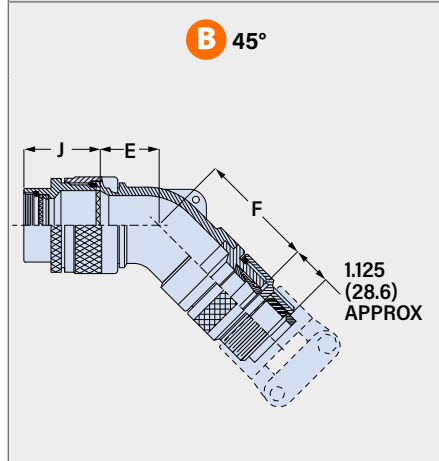
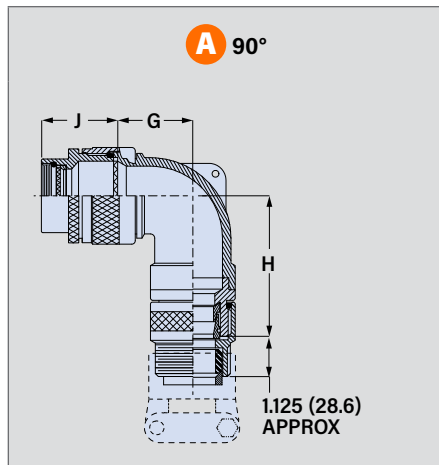
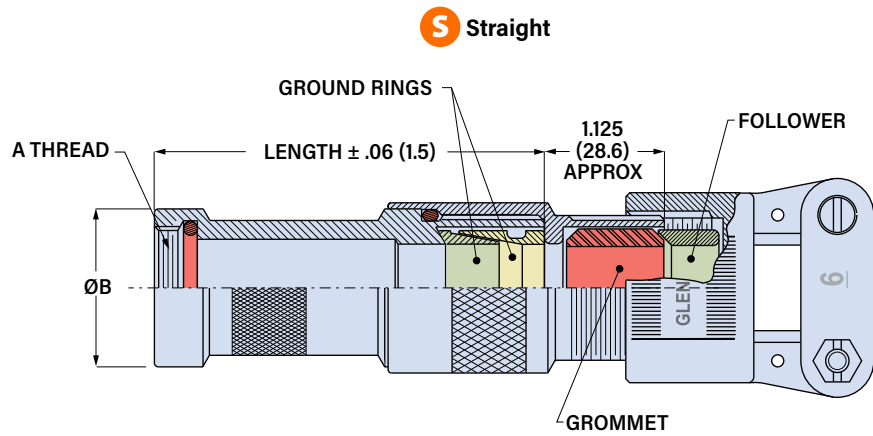
Series 39 EMI+Environmental Backshells

for MIL-DTL-26482 Series I Connectors

390D*002 EMI+Environmental Backshell, Direct Coupling

Shell Size	A Thread UNEF-2B	øB Max. in mm	J Max. in mm	Max. Entry Size (1)
08	0.4375-28	.59 15.0	1.25 31.8	04
10	0.5625-24	.72 18.3	1.25 31.8	06
12	0.6875-24	.84 21.3	1.25 31.8	08
14	0.8125-20	.97 24.6	1.25 31.8	10
16	0.9375-20	1.09 27.7	1.56 39.6	12
18	1.0625-18	1.22 31.0	1.56 39.6	16
20	1.1875-18	1.34 34.0	1.56 39.6	16
22	1.3125-18	1.47 37.3	1.56 39.6	16
24	1.4375-18	1.59 40.4	1.56 39.6	20

1) "Max. Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the size shown in the table, a *Style 2* front adapter will be included.



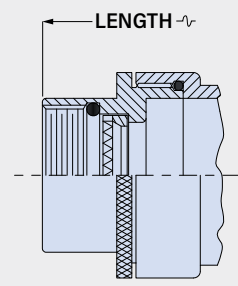
Entry Size	E Max in mm	F Max in mm	G Max in mm	H Max in mm
04	.630 16.0	2.117 53.8	.636 16.2	2.067 52.5
06	.630 16.0	2.117 53.8	.710 18.0	2.187 55.5
08	.692 17.6	2.179 55.3	.731 18.6	2.207 56.1
10	.755 19.2	2.862 72.7	.825 21.0	2.867 72.8
12	.848 21.5	2.972 75.5	.988 25.1	2.957 75.1
16	1.036 26.3	3.159 80.2	1.087 27.6	3.132 79.6
20	1.130 28.7	3.368 85.5	1.325 33.7	3.303 83.9
24	1.255 31.9	3.408 86.6	1.337 34.0	3.453 87.7
28	1.317 33.5	3.553 90.2	1.827 46.4	3.703 94.1
32	1.348 34.2	3.646 92.6	2.027 51.5	3.753 95.3

MAXIMUM ENTRY SIZE

"Maximum Entry Size" applies to Profile S straight only. If the entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a *Style 2* backshell. The minimum length increases from 2 inches to 2.5 inches.

Shell Size	Maximum Entry Size
08	04
10	06
12	08
14	10
16	12
18	16
20	16
22	16
24	20

Style 2 Backshell



Series 39 EMI+Environmental Backshells

for MIL-DTL-38999 Ser. I/II Connectors

390F*053 EMI+Environmental Backshell, Spin Coupling



Shielded. Environmental. Spin coupling. 390F*053 backshell fits MIL-DTL-38999 Series I and II connectors. Spin coupling. Two ground rings for terminating individual and overall braid shields. Environmentally protected with O-rings and cable grommet. For use with shielded jacketed cable. Cone and ring shield termination. Two strain relief options: saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings and grommet.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

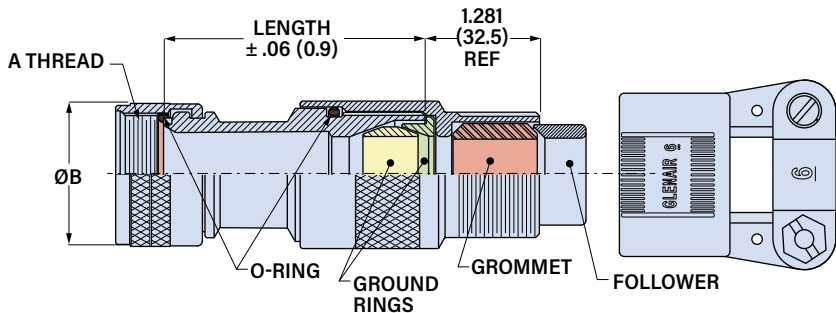
PROFILE SELECTION GUIDE

<p>S Straight</p>	<p>A 90°</p>
<p>H 45°</p>	<p>M 45°</p>
<p>J 90°</p>	<p>N 90°</p>

PART NUMBER

	390FS053	NF	18	10	H	3				
Base P/N	Base Part No.	Profile								
	390FS053	S	Straight							
	390FA053	A	90° Low Profile							
	390FH053	H	45° Cut/Weld							
	390FJ053	J	90° Cut/Weld							
	390FM053	M	45° Full Radius							
390FN053	N	90° Full Radius								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*				
	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24				
	04	.312 (7.9)	10-24	20	1.250 (31.8)	24				
	06	.437 (11.1)	12-24	24	1.375 (34.9)	-				
	08	.562 (14.3)	14-24	28	1.625 (41.3)	-				
	10	.625 (15.9)	14-24	32	1.875 (47.6)	-				
	12	.750 (19.1)	16-24							
	* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.									
Strain Relief	H	Saddle Clamp								
	D	Nut								
Length	3	1.5 inches	Applies to Profile S only.							
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.							
	6	3.0 inches								
	8	4.0 inches								

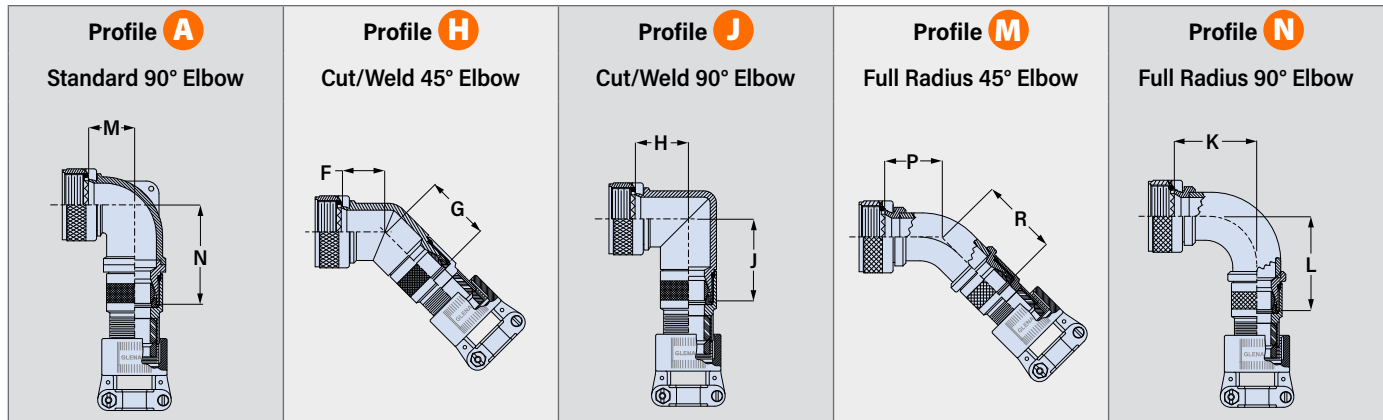
Shell Size	A Thread UNEF-2B	øB Max in	mm
8/9	0.4375-28	.650	16.5
10/11	0.5625-24	.770	19.6
12/13	0.6875-24	.890	22.6
14/15	0.8125-20	1.020	25.9
16/17	0.9375-20	1.150	29.2
18/19	1.0625-18	1.230	31.2
20/21	1.1875-18	1.360	34.5
22/23	1.3125-18	1.480	37.6
24/25	1.4375-18	1.730	43.9



Series 39 EMI+Environmental Backshells

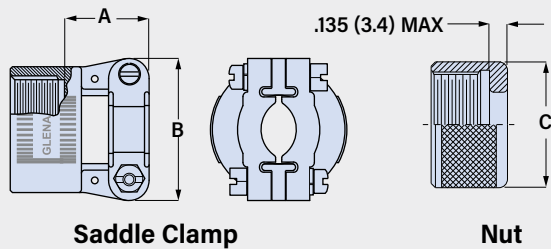
for MIL-DTL-38999 Ser. I/II Connectors

390F*053 EMI+Environmental Backshell, Spin Coupling



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max		P Max		R Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	.639	16.2	1.031	26.2	.750	19.1	1.157	29.4	1.125	28.6	1.287	32.7	.500	12.7	1.420	36.1	.812	20.6	1.095	27.8
10/11	.664	16.9	1.063	27.0	.810	20.6	1.217	30.9	1.250	31.8	1.411	35.8	.595	15.1	1.540	39.1	.875	22.2	1.145	29.1
12/13	.688	17.5	1.094	27.8	.870	22.1	1.277	32.4	1.375	34.9	1.537	39.0	.610	15.5	1.560	39.6	.938	23.8	1.195	30.4
14/15	.705	17.9	1.119	28.4	.920	23.4	1.347	34.2	1.500	38.1	1.761	44.7	.700	17.8	2.154	54.7	1.000	25.4	1.245	31.6
16/17	.732	18.6	1.147	29.1	.980	24.9	1.407	35.7	1.625	41.3	1.787	45.4	.885	22.5	2.244	57.0	1.062	27.0	1.300	33.0
18/19	.748	19.0	1.157	29.4	1.020	25.9	1.427	36.2	1.750	44.5	1.911	48.5	.975	24.8	2.414	61.3	1.094	27.8	1.350	34.3
20/21	.773	19.6	1.177	29.9	1.080	27.4	1.487	37.8	1.875	47.6	2.037	51.7	.975	24.8	2.414	61.3	1.156	29.4	1.400	35.6
22/23	.800	20.3	1.217	30.9	1.140	29.0	1.567	39.8	2.000	50.8	2.161	54.9	1.125	28.6	2.587	65.7	1.188	30.2	1.455	37.0
24/25	.823	20.9	1.247	31.7	1.200	30.5	1.637	41.6	2.125	54.0	2.287	58.1	1.125	28.6	2.587	65.7	1.250	31.8	1.505	38.1

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	in	mm	Max
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

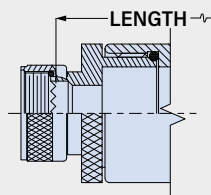
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

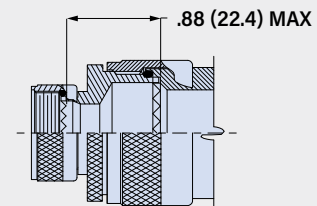
Shell Size	Maximum Entry Size
8/9	03
10/11	04
12/13	06
14/15	10
16/17	12
18/19	12
20/21	16
22/23	16
24/25	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.



Series 39 EMI+Environmental Backshells

for MIL-DTL-38999 Ser. I/II Connectors

390F*055 EMI+Environmental Backshell, Self-Locking

Self-Locking



Shielded. Environmental. Self-locking. 390F*055 backshell fits MIL-DTL-38999 Series I and II connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Two ground rings for terminating individual and overall braid shields. Environmentally protected with O-rings and cable grommet. Two strain relief options: saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight cable seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings and grommet.

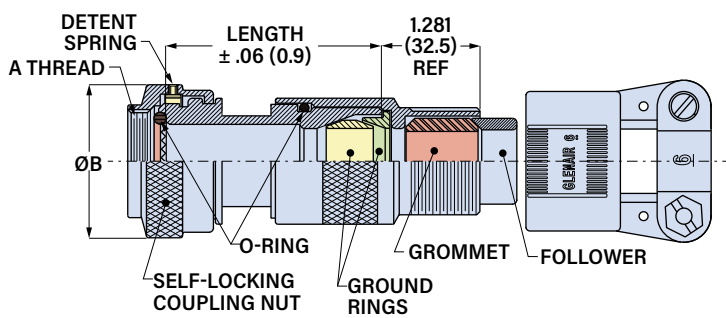
Adapter Code F
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILE SELECTION GUIDE

S Straight	A 90°
H 45°	M 45°
J 90°	N 90°

PART NUMBER		390FS055	NF	18	10	H	3			
Base P/N	Base Part No.	Profile								
	390FS055	S Straight								
	390FA055	A 90° Low Profile								
	390FH055	H 45° Cut/Weld								
	390FJ055	J 90° Cut/Weld								
	390FM055	M 45° Full Radius								
390FN055	N 90° Full Radius									
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	Z1	SST/ Passivated (Profiles H, J, M, N, S only)								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*				
	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24				
	04	.312 (7.9)	10-24	20	1.250 (31.8)	24				
	06	.437 (11.1)	12-24	24	1.375 (34.9)	-				
	08	.562 (14.3)	14-24	28	1.625 (41.3)	-				
	10	.625 (15.9)	14-24	32	1.875 (47.6)	-				
12	.750 (19.1)	16-24								
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.										
Strain Relief	H	Saddle Clamp								
	D	Nut								
Length	3	1.5 inches	<i>Applies to Profile S only.</i>							
	4	2.0 inches	<i>If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>							
	6	3.0 inches								
	8	4.0 inches								

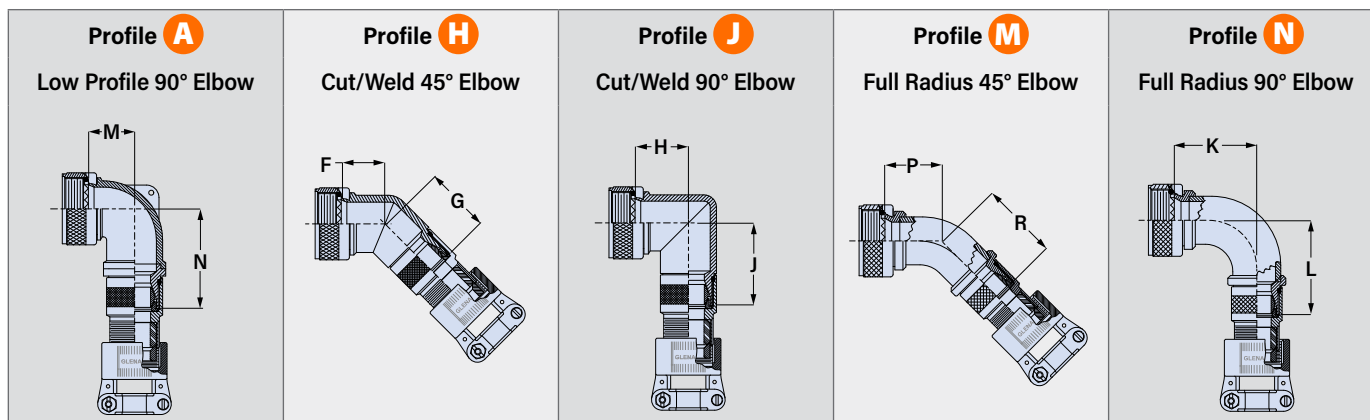
Shell Size	A Thread UNEF-2B	øB Max in	mm
8/9	0.4375-28	.860	21.8
10/11	0.5625-24	.970	24.6
12/13	0.6875-24	1.110	28.2
14/15	0.8125-20	1.210	30.7
16/17	0.9375-20	1.350	34.3
18/19	1.0625-18	1.460	37.1
20/21	1.1875-18	1.600	40.6
22/23	1.3125-18	1.700	43.2
24/25	1.4375-18	1.840	46.7



Series 39 EMI+Environmental Backshells

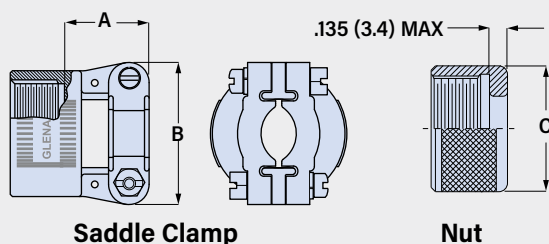
for MIL-DTL-38999 Ser. I/II Connectors

390F*055 EMI+Environmental Backshell, Self-Locking



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max		P Max		R Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	.795	20.2	1.031	26.2	.906	23.0	1.157	29.4	1.281	32.5	1.287	32.7	.655	16.6	1.880	47.8	.968	24.6	1.095	27.8
10/11	.820	20.8	1.063	27.0	.966	24.5	1.217	30.9	1.406	35.7	1.411	35.8	.750	19.1	1.990	50.5	1.031	26.2	1.145	29.1
12/13	.844	21.4	1.094	27.8	1.026	26.1	1.277	32.4	1.531	38.9	1.537	39.0	.765	19.4	2.020	51.3	1.094	27.8	1.195	30.4
14/15	.961	21.9	1.119	28.4	1.076	27.3	1.347	34.2	1.656	42.1	1.761	44.7	.855	21.7	2.154	54.7	1.156	29.4	1.245	31.6
16/17	.888	22.6	1.147	29.1	1.136	28.9	1.407	35.7	1.781	45.2	1.787	45.4	1.040	26.4	2.244	57.0	1.218	30.9	1.300	33.0
18/19	.904	23.0	1.157	29.4	1.176	29.9	1.427	36.2	1.906	48.4	1.911	48.5	1.130	28.7	2.414	61.3	1.250	31.8	1.350	34.3
20/21	.929	23.6	1.177	29.9	1.236	31.4	1.487	37.8	2.031	51.6	2.037	51.7	1.130	28.7	2.414	61.3	1.312	33.3	1.400	35.6
22/23	.956	24.3	1.217	30.9	1.296	32.9	1.567	39.8	2.156	54.8	2.161	54.9	1.280	32.5	2.587	65.7	1.344	34.1	1.455	37.0
24/25	.979	24.9	1.247	31.7	1.356	34.4	1.637	41.6	2.281	57.9	2.287	58.1	1.280	32.5	2.587	65.7	1.406	35.7	1.505	38.1

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	in	mm	Max
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

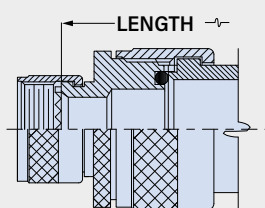
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

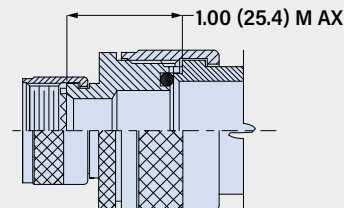
Shell Size	Maximum Entry Size
8/9	03
10/11	04
12/13	06
14/15	10
16/17	12
18/19	12
20/21	16
22/23	16
24/25	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



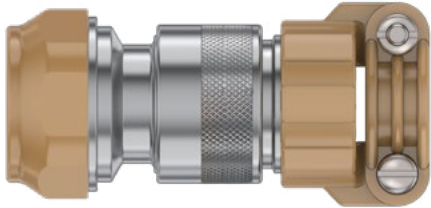
For 45° and 90° backshells, the length increases by 1.00 inches.

Series 39 EMI+Environmental Backshells

for MIL-DTL-38999 Ser. I/II Connectors

390F*052 EMI+Environmental Backshell, Composite, Self-Locking

Self-Locking



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

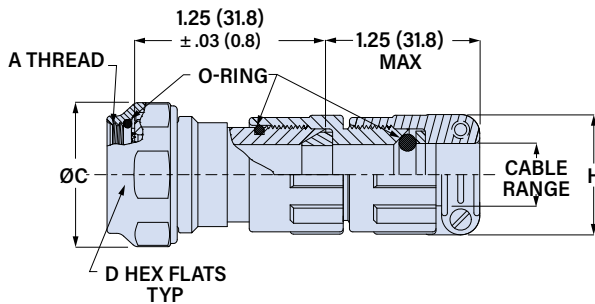
MATERIAL/FINISH

Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, amber color
Body and shield termination ring: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

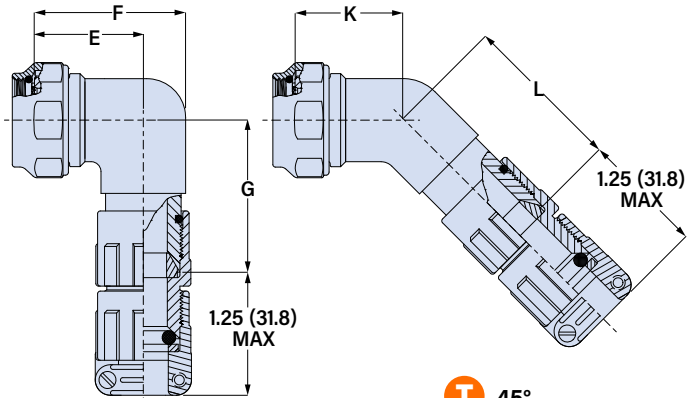
Shielded. Environmental. Corrosion proof. Self-locking. 390F*052 backshell fits MIL-DTL-38999 Series I/II connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Environmental. Cone and ring shield termination. Available with electroless nickel, nickel-PTFE, or olive drab cadmium plating. Glass-reinforced thermoplastic, telescoping stainless steel clamp screws.

PART NUMBER

		390FS052	XM	16	12	C				
Base P/N	Base Part No.	390FS052	S	Straight						
		390FT052	T	45° Elbow						
		390FW052	W	90° Elbow						
Body Finish	XM	Electroless Nickel	<i>Coupling nut and saddle clamp are unplated.</i>							
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XTZ	Tin-Zinc								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Strain Relief Type	C Saddle Clamp									



S Straight



W 90°

T 45°

TABLE 1: ENTRY SIZE

Entry Size	Cable Diameter				H Max.	Shell Size
	Min. in	Max. in	Min. mm	Max. mm		
10	.13	.25	3.3	6.4	1.00	25.4
12	.25	.38	6.4	9.7	1.23	31.2
14	.31	.44	7.9	11.2	1.34	34.0
16	.50	.63	12.7	15.9	1.47	37.3
18	.56	.69	14.2	17.5	1.56	39.6
20	.63	.75	16.0	19.1	1.62	41.1
22	.75	.88	19.1	22.2	1.75	44.5
24	.88	1.00	22.4	25.4	1.87	47.5
28	1.00	1.13	25.4	28.6	1.97	50.0

Shell Size	A Thread UNEF-2B	øC Max in mm	D Flats in mm	E ±.06(1.5) in mm	F ±.09(2.3) in mm	G ±.09(2.3) in mm	K ±.06(1.5) in mm	L ±.06(1.5) in mm	Max Entry Size
08	0.4375-28	.86	21.8	.750	19.1	.69	17.5	.88	22.4
10	0.5625-24	.98	24.9	.875	22.2	.75	19.1	1.00	25.4
12	0.6875-24	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7
14	0.8125-20	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3
16	0.9375-20	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1
18	1.0625-18	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6
20	1.1875-18	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4
22	1.3125-18	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5
24	1.4375-18	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8

Series 39 EMI+Environmental Backshells

for MIL-DTL-38999 Ser. III/IV Connectors

390H*053 EMI+Environmental Backshell, Spin Coupling



Shielded. Environmental. Spin coupling. 390H*053 backshell fits MIL-DTL-38999 Series III and IV connectors. Two ground rings for terminating individual and overall braid shields. Environmentally protected with O-rings and cable grommet. For use with shielded jacketed cable. Cone and ring shield termination. Two strain relief options: saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings and grommet.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

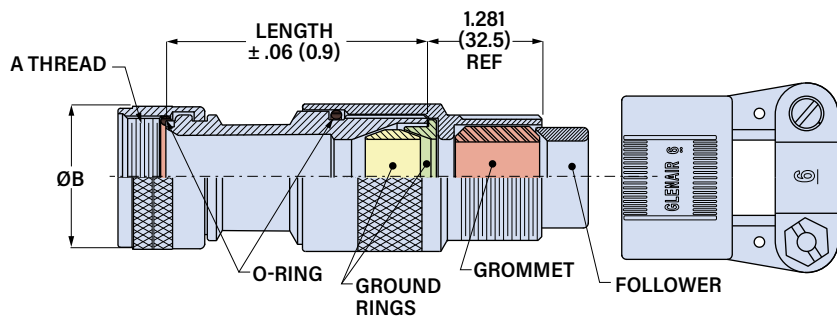
PROFILE SELECTION GUIDE

S Straight	A 90°
H 45°	M 45°
J 90°	N 90°

PART NUMBER

390HS053	M	15	10	H	3	
Base P/N	Base Part No.	Profile				
	390HS053	S Straight				
	390HA053	A 90° Low Profile				
	390HH053	H 45° Cut/Weld				
	390HJ053	J 90° Cut/Weld				
	390HM053	M 45° Full Radius				
	390HN053	N 90° Full Radius				
Material/Finish	M Alum/ Electroless Nickel					
	MT Alum/ Nickel-PTFE					
	NF Alum/ Olive Drab Cadmium					
	ZR Alum/ Black Zinc-Nickel					
	TZ Alum/ Tin-Zinc					
	ZI SST/ Passivated (Profiles H, J, M, N, S only)					
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25				
		A B C D E F G H J				
	Size Code	09 11 13 15 17 19 21 23 25				
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*
	03	.250 (7.9)	09-25	16	.937 (23.8)	21-25
	04	.312 (7.9)	11-25	20	1.250 (31.8)	25
	06	.437 (11.1)	13-25	24	1.375 (34.9)	-
	08	.562 (14.3)	15-25	28	1.625 (41.3)	-
	10	.625 (15.9)	15-25	32	1.875 (47.6)	-
	12	.750 (19.1)	17-25			
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.						
Strain Relief	H Saddle Clamp	D Nut				
			Saddle Clamp	Nut		
Length	3 1.5 inches	4 2.0 inches	6 3.0 inches	8 4.0 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.	

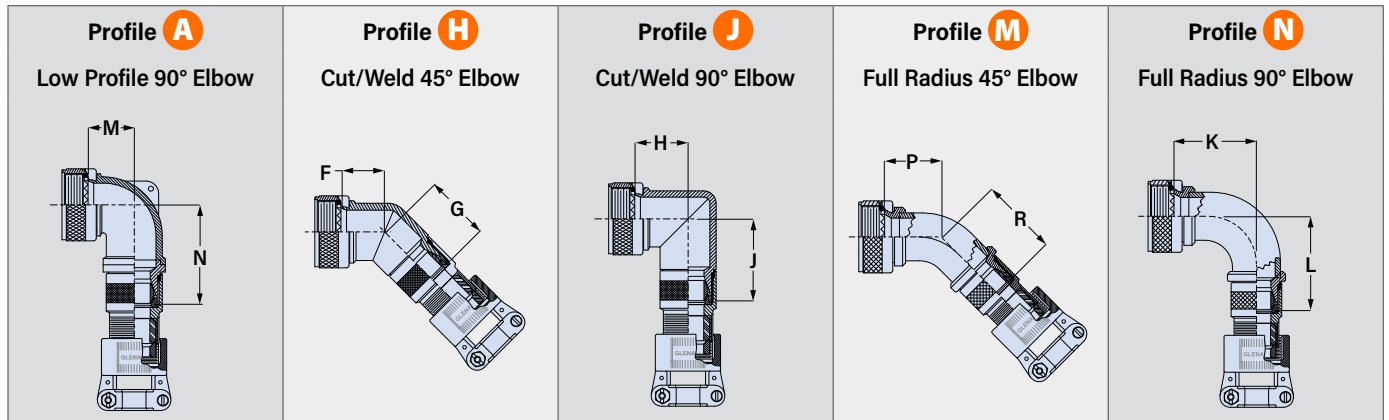
Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.770	19.6
11 (B)	M15X1.0-6H	.840	21.3
13 (C)	M18X1.0-6H	.960	24.4
15 (D)	M22X1.0-6H	1.090	27.7
17 (E)	M25X1.0-6H	1.230	31.2
19 (F)	M28X1.0-6H	1.360	34.5
21 (G)	M31X1.0-6H	1.480	37.6
23 (H)	M34X1.0-6H	1.600	40.6
25 (J)	M37X1.0-6H	1.720	43.7



Series 39 EMI+Environmental Backshells

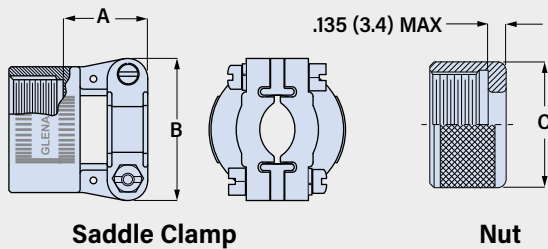
for MIL-DTL-38999 Ser. III/IV Connectors

390H*053 EMI+Environmental Backshell, Spin Coupling



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max		P Max		R Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.639	16.2	1.031	26.2	.750	19.1	1.157	29.4	1.125	28.6	1.287	32.7	.500	12.7	1.420	36.1	.812	20.6	1.095	27.8
11 (B)	.664	16.9	1.063	27.0	.810	20.6	1.217	30.9	1.250	31.8	1.411	35.8	.595	15.1	1.540	39.1	.875	22.2	1.145	29.1
13 (C)	.688	17.5	1.094	27.8	.870	22.1	1.277	32.4	1.375	34.9	1.537	39.0	.610	15.5	1.560	39.6	.938	23.8	1.195	30.4
15 (D)	.705	17.9	1.119	28.4	.920	23.4	1.347	34.2	1.500	38.1	1.761	44.7	.700	17.8	2.154	54.7	1.000	25.4	1.245	31.6
17 (E)	.732	18.6	1.147	29.1	.980	24.9	1.407	35.7	1.625	41.3	1.787	45.4	.885	22.5	2.244	57.0	1.062	27.0	1.300	33.0
19 (F)	.748	19.0	1.157	29.4	1.020	25.9	1.427	36.2	1.750	44.5	1.911	48.5	.975	24.8	2.414	61.3	1.094	27.8	1.350	34.3
21 (G)	.773	19.6	1.177	29.9	1.080	27.4	1.487	37.8	1.875	47.6	2.037	51.7	.975	24.8	2.414	61.3	1.156	29.4	1.400	35.6
23 (H)	.800	20.3	1.217	30.9	1.140	29.0	1.567	39.8	2.000	50.8	2.161	54.9	1.125	28.6	2.587	65.7	1.188	30.2	1.455	37.0
25 (J)	.823	20.9	1.247	31.7	1.200	30.5	1.637	41.6	2.125	54.0	2.287	58.1	1.125	28.6	2.587	65.7	1.250	31.8	1.505	38.1

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

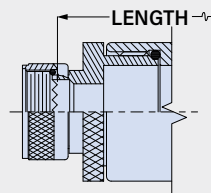
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

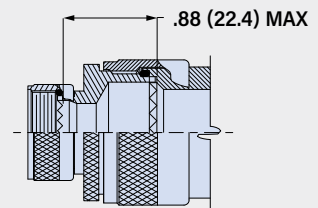
Shell Size	Maximum Entry Size
9 (A)	03
11 (B)	04
13 (C)	06
15 (D)	10
17 (E)	12
19 (F)	12
21 (G)	16
23 (H)	16
25 (J)	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.

Series 39 EMI+Environmental Backshells

for MIL-DTL-38999 Ser. III/IV Connectors

390H*055 EMI+Environmental Backshell, Self-Locking

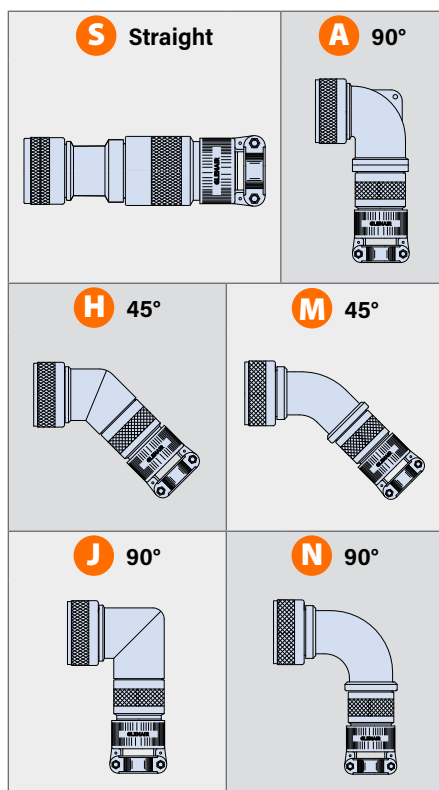
Self-Locking



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

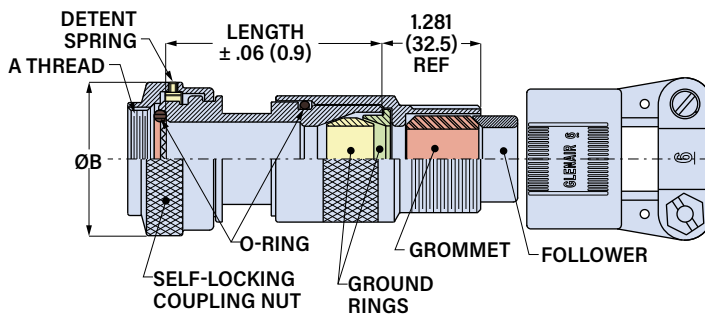


Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.94	24.8
11 (B)	M15X1.0-6H	1.06	26.9
13 (C)	M18X1.0-6H	1.17	29.7
15 (D)	M22X1.0-6H	1.29	32.7
17 (E)	M25X1.0-6H	1.42	36.1
19 (F)	M28X1.0-6H	1.54	39.1
21 (G)	M31X1.0-6H	1.67	42.4
23 (H)	M34X1.0-6H	2.01	51.1
25 (J)	M37X1.0-6H	2.12	53.8

Shielded. Environmental. Self-locking. 390H*055 backshell fits MIL-DTL-38999 Series III and IV connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Two ground rings for terminating individual and overall braid shields. Environmentally protected with O-rings and cable grommet. Two strain relief options: saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings and grommet.

PART NUMBER

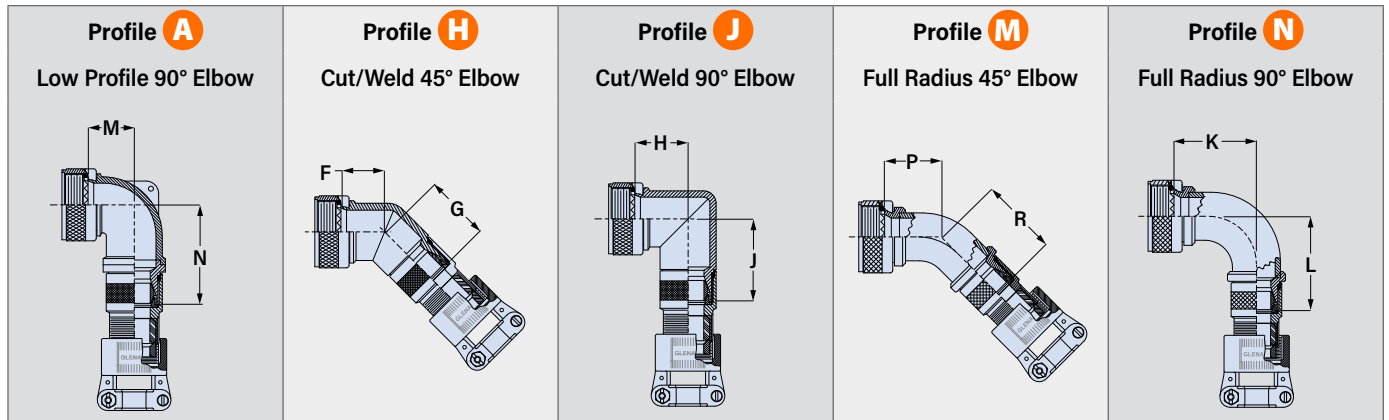
	390HS055	MT	17	10	D	3
Base P/N	Base Part No.	Profile				
	390HS055	S Straight				
	390HA055	A 90° Low Profile				
	390HH055	H 45° Cut/Weld				
	390HJ055	J 90° Cut/Weld				
Material/Finish	M Alum/ Electroless Nickel					
	MT Alum/ Nickel-PTFE					
	NF Alum/ Olive Drab Cadmium					
	ZR Alum/ Black Zinc-Nickel					
	TZ Alum/ Tin-Zinc					
ZI SST/ Passivated (Profiles H, J, M, N, S only)						
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25				
	Size Code	09 11 13 15 17 19 21 23 25				
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*
	03	.250 (7.9)	09-25	16	.937 (23.8)	21-25
	04	.312 (7.9)	11-25	20	1.250 (31.8)	25
	06	.437 (11.1)	13-25	24	1.375 (34.9)	-
	08	.562 (14.3)	15-25	28	1.625 (41.3)	-
	10	.625 (15.9)	15-25	32	1.875 (47.6)	-
	12	.750 (19.1)	17-25			
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.						
Strain Relief	H Saddle Clamp					
	D Nut					
Length	3 1.5 inches					
	4 2.0 inches					
	6 3.0 inches					
	8 4.0 inches					
Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.						



Series 39 EMI+Environmental Backshells

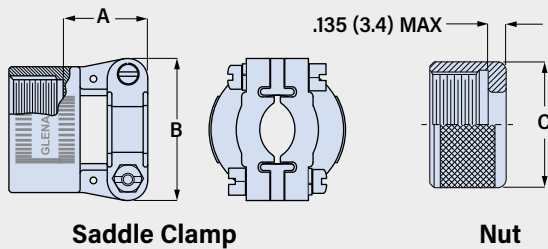
for MIL-DTL-38999 Ser. III/IV Connectors

390H*055 EMI+Environmental Backshell, Self-Locking



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max		P Max		R Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.795	20.2	1.031	26.2	.906	23.0	1.157	29.4	1.281	32.5	1.287	32.7	.655	16.6	1.880	47.8	.968	24.6	1.095	27.8
11 (B)	.820	20.8	1.063	27.0	.966	24.5	1.217	30.9	1.406	35.7	1.411	35.8	.750	19.1	1.990	50.5	1.031	26.2	1.145	29.1
13 (C)	.844	21.4	1.094	27.8	1.026	26.1	1.277	32.4	1.531	38.9	1.537	39.0	.765	19.4	2.020	51.3	1.094	27.8	1.195	30.4
15 (D)	.961	21.9	1.119	28.4	1.076	27.3	1.347	34.2	1.656	42.1	1.761	44.7	.855	21.7	2.154	54.7	1.156	29.4	1.245	31.6
17 (E)	.888	22.6	1.147	29.1	1.136	28.9	1.407	35.7	1.781	45.2	1.787	45.4	1.040	26.4	2.244	57.0	1.218	30.9	1.300	33.0
19 (F)	.904	23.0	1.157	29.4	1.176	29.9	1.427	36.2	1.906	48.4	1.911	48.5	1.130	28.7	2.414	61.3	1.250	31.8	1.350	34.3
21 (G)	.929	23.6	1.177	29.9	1.236	31.4	1.487	37.8	2.031	51.6	2.037	51.7	1.130	28.7	2.414	61.3	1.312	33.3	1.400	35.6
23 (H)	.956	24.3	1.217	30.9	1.296	32.9	1.567	39.8	2.156	54.8	2.161	54.9	1.280	32.5	2.587	65.7	1.344	34.1	1.455	37.0
25 (J)	.979	24.9	1.247	31.7	1.356	34.4	1.637	41.6	2.281	57.9	2.287	58.1	1.280	32.5	2.587	65.7	1.406	35.7	1.505	38.1

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

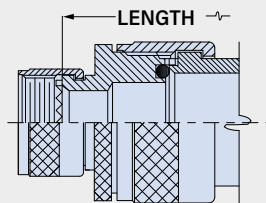
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

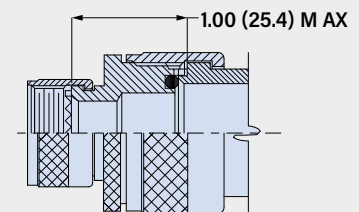
Shell Size	Maximum Entry Size
9 (A)	03
11 (B)	04
13 (C)	06
15 (D)	10
17 (E)	12
19 (F)	12
21 (G)	16
23 (H)	16
25 (J)	20

Style 2 Straight Backshell



The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



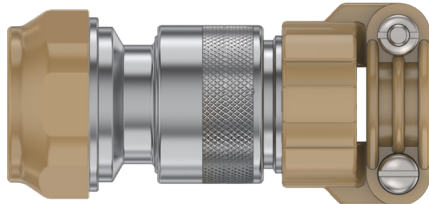
For 45° and 90° backshells, the length increases by 1.00 inches.

Series 39 EMI+Environmental Backshells

for MIL-DTL-38999 Ser. III/IV Connectors

390H*052 EMI+Environmental Backshell, Composite, Self-Locking

Self-Locking



Adapter Code H

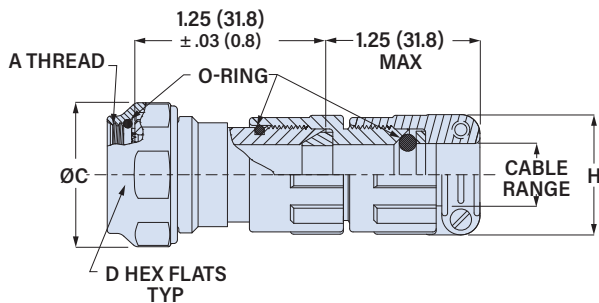
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

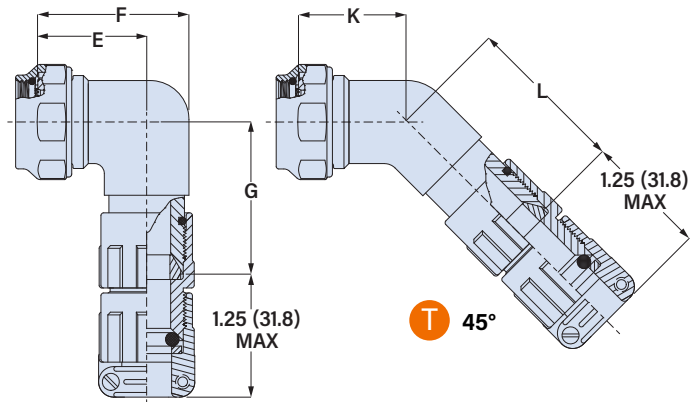
Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, amber color
Body and shield termination ring: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

PART NUMBER

		390HS052	XM	19	12	C				
Base P/N	Base Part No.	390HS052	S Straight							
	Profile	390HT052	T 45° Elbow							
		390HW052	W 90° Elbow							
Body Finish	XM	Electroless Nickel	<i>Coupling nut and saddle clamp are unplated.</i>							
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XTZ	Tin-Zinc								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	SizeCode	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Strain Relief Type	C Saddle Clamp									



S Straight



T 45°
W 90°

TABLE 1: ENTRY SIZE

Entry Size	Cable Diameter				H Max. mm	Shell Size
	Min. in	Max. in	Min. mm	Max. mm		
10	.13	.25	3.3	6.4	1.00	09-25
12	.25	.38	6.4	9.7	1.23	11-25
14	.31	.44	7.9	11.2	1.34	13-25
16	.50	.63	12.7	15.9	1.47	15-25
18	.56	.69	14.2	17.5	1.56	15-25
20	.63	.75	16.0	19.1	1.62	17-25
22	.75	.88	19.1	22.2	1.75	21-25
24	.88	1.00	22.4	25.4	1.87	23-25
28	1.00	1.13	25.4	28.6	1.97	25

Shell Size	A Thread	øC Max in mm	D Flats in mm	E ±.06(1.5) in mm	F ±.09(2.3) in mm	G ±.09(2.3) in mm	K ±.06(1.5) in mm	L ±.06(1.5) in mm	Max Entry Size
9 (A)	M12X1.0-6H	.86 21.8	.750 19.1	.69 17.5	.88 22.4	1.06 27.0	.72 18.3	.88 22.4	10
11 (B)	M15X1.0-6H	.98 24.9	.875 22.2	.75 19.1	1.00 25.4	1.13 28.7	.75 19.1	.94 23.9	12
13 (C)	M18X1.0-6H	1.16 29.5	1.000 25.4	.81 20.6	1.13 28.7	1.19 30.2	.75 19.1	1.00 25.4	14
15 (D)	M22X1.0-6H	1.28 32.5	1.125 28.6	.88 22.4	1.31 33.3	1.25 31.8	.76 19.3	1.03 26.2	16
17 (E)	M25X1.0-6H	1.41 35.8	1.250 31.8	.94 23.9	1.38 35.1	1.31 33.3	.78 19.8	1.06 26.9	20
19 (F)	M28X1.0-6H	1.52 38.6	1.375 34.9	.97 24.6	1.44 36.6	1.34 34.0	.79 20.1	1.07 27.2	20
21 (G)	M31X1.0-6H	1.64 41.7	1.500 38.1	1.06 26.9	1.63 41.4	1.44 36.6	.82 20.8	1.09 27.7	22
23 (H)	M34X1.0-6H	1.77 45.0	1.625 41.3	1.13 28.7	1.75 44.5	1.50 38.1	.86 21.8	1.14 29.0	24
25 (J)	M37X1.0-6H	1.89 48.0	1.750 44.5	1.19 30.2	1.88 47.8	1.56 39.6	.92 23.4	1.17 29.7	28



Series 39 EMI+Environmental Backshells

for MIL-DTL-28840 Connectors

390G*013 EMI+Environmental Backshell

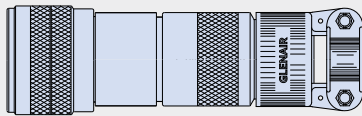


Adapter Code G

This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

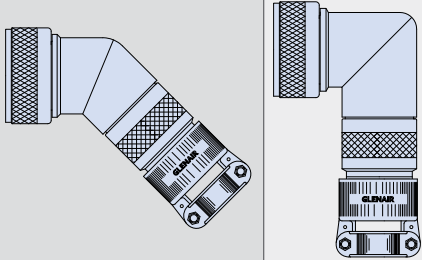
PROFILE SELECTION GUIDE

S Straight



H 45°

J 90°

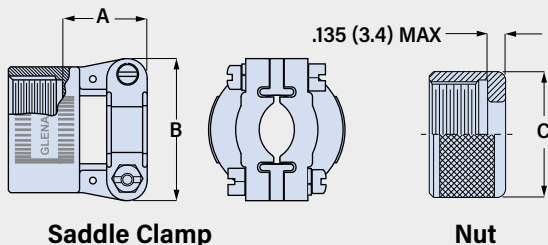


Shielded. Environmental. Spin coupling. 390G*013 backshell fits MIL-DTL-28840 connectors. Spin coupling. Environmentally protected with O-rings and cable grommet. For use with shielded jacketed cable. Cone and ring shield termination. Two strain relief options: saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings and grommet.

PART NUMBER

		390GS013	ZU	17	08	H	3				
Base P/N	Base Part No.	390GS013	S	Straight							
		390GH013	H	45° Cut/Weld							
		390GJ013	J	90° Cut/Weld							
Material/ Finish	M	Alum/Electroless Nickel									
	NF	Alum/Cadmium, Olive Drab									
	ZR	Alum/Black Zinc-Nickel									
	TZ	Alum/Tin-Zinc									
	ZI	SST/Passivated									
	ZU	SST/Cadmium, Black									
Shell Size	Shell Size	11	13	15	17	19	23	25	29	33	
	Size Code	11	13	15	17	19	23	25	29	33	
Entry Size	Entry Size	04	06	08	10	12	16	20	24	28	32
	Max. Cable Dia.	.312 (7.9)	.437 (11.1)	.562 (14.3)	.625 (15.9)	.750 (19.1)	.937 (23.8)	1.250 (31.8)	1.375 (34.9)	1.625 (41.3)	1.875 (47.6)
	Shell Size*	11-33	13-33	15-33	15-33	17-33	23-33	23-33	29-33	29-33	33
	Entry Size	04	06	08	10	12	16	20	24	28	32
	Max. Cable Dia.	.312 (7.9)	.437 (11.1)	.562 (14.3)	.625 (15.9)	.750 (19.1)	.937 (23.8)	1.250 (31.8)	1.375 (34.9)	1.625 (41.3)	1.875 (47.6)
	Shell Size*	11-33	13-33	15-33	15-33	17-33	23-33	23-33	29-33	29-33	33
	* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.										
Strain Relief	H	Saddle Clamp									
	D	Nut									
Length	3	1.5 inches		Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.							
	4	2.0 inches									
	6	3.0 inches									
	8	4.0 inches									

STRAIN RELIEF DIMENSIONS



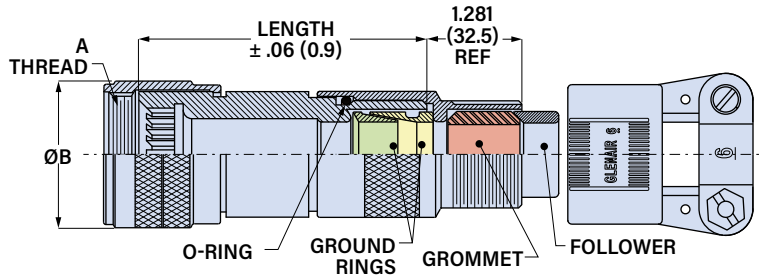
Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

* Not applicable to Style D Nut.

Series 39 EMI+Environmental Backshells

for MIL-DTL-28840 Connectors

390G*013 EMI+Environmental Backshell



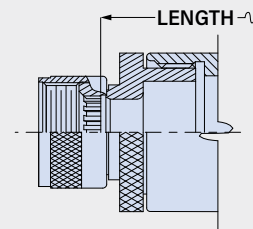
Size Code	Shell Size	A Thread Class 2B	øB Max. in mm	J Max. in mm	K Max. in mm	L Max. in mm	M Max. in mm
11	A (11)	.750-20 UNEF	.94 23.9	1.24 31.5	1.05 26.7	1.38 35.1	1.19 30.2
13	B (13)	.875-20 UNEF	1.07 27.7	1.26 32.0	1.07 27.2	1.44 36.6	1.25 31.8
15	C (15)	1.000-20 UNEF	1.21 30.7	1.29 32.8	1.10 27.9	1.50 38.1	1.32 33.5
17	D (17)	1.125-18 UNEF	1.41 35.7	1.31 33.3	1.12 28.4	1.57 39.9	1.38 35.1
19	E (19)	1.250-18 UNEF	1.53 38.9	1.34 34.0	1.15 29.2	1.63 41.4	1.46 37.1
23	F (23)	1.438-18 UNEF	1.73 43.9	1.38 35.1	1.19 30.2	1.73 43.9	1.54 39.1
25	G (25)	1.562-18 UNEF	1.82 46.3	1.41 35.8	1.22 31.0	1.80 45.7	1.61 40.9
29	H (29)	1.875-16 UN	2.14 54.4	1.58 40.1	1.39 35.3	2.04 51.8	1.85 47.0
33	J (33)	2.062-16 UNS	2.33 59.1	1.62 41.1	1.43 36.3	2.13 54.1	1.94 49.3

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a *Style 2* backshell.

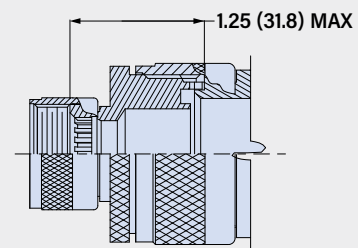
Shell Size	Maximum Entry Size
A (11)	04
B (13)	06
C (15)	10
D (17)	12
E (19)	12
F (23)	16
G (25)	16
H (29)	24
J (33)	28

Style 2 Straight Backshell

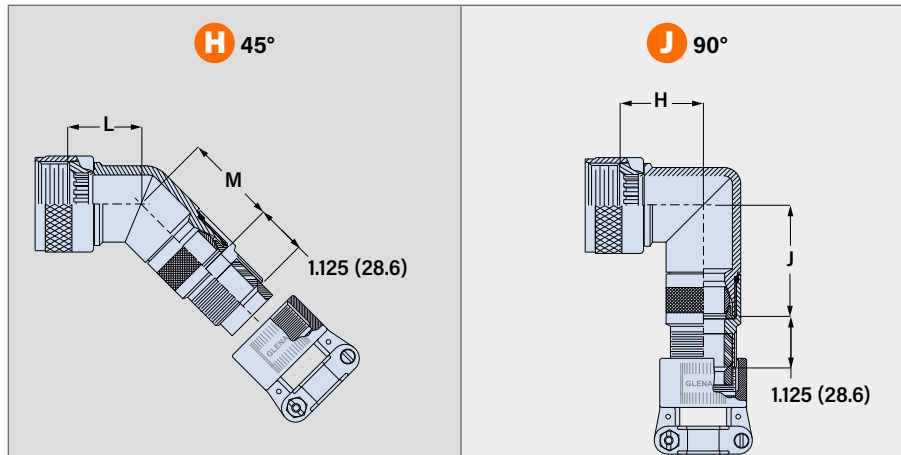


For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.25 inches.



Series 39 EMI+Environmental Backshells

for Series 80 Mighty Mouse Connectors

390MS076 EMI+Environmental Backshell, Direct Coupling

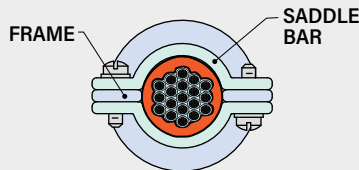


Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

APPLICATION NOTE

This backshell has a *full radius* saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

EMI. Low profile. Direct coupling. Environmental. 390MS076 backshell fits Glenair Series 80 Mighty Mouse connectors. Terminate cable braid with ground ring. Strain relief options include saddle clamp or nut. Full radius saddle clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

390MS076 M 08 05 -6

Base P/N 390MS076

Material/Finish
M Alum/Electroless Nickel
MT Alum/Nickel-PTFE
NF Alum/Olive Drab Cadmium
ZR Alum/Black Zinc-Nickel
TZ Alum/Tin-Zinc
ZI SST/Passivated

Shell Size See Table 1

Entry Size See Table 2

Length	Length Code Length		Length Code Length	
	Code	Length	Code	Length
5	5	.63 (16.0)	10	1.25 (31.8)
6	6	.75 (19.1)	12	1.50 (38.1)
8	8	1.00 (25.4)	16	2.00 (50.8)

Length in 1/8 inch increments. For example, "8" = 1 inch.

Strain Relief
 Omit for saddle clamp
N Low Profile Nut

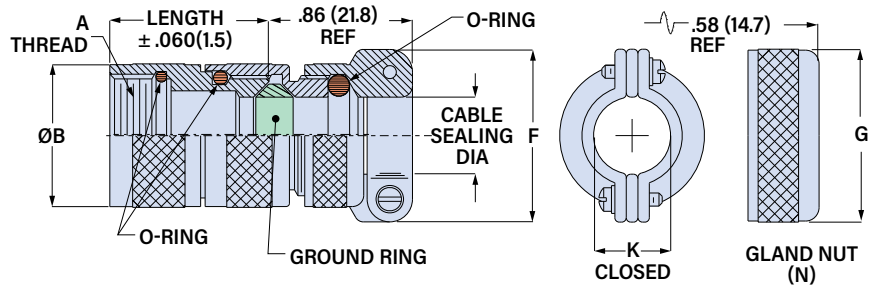


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size		A Thread UNEF-2B	øB Max. in	øB Max. mm
	Series 800, 801, 803, 804	Series 805			
05	5	N/A	0.250-32	.350	8.9
06	6	N/A	0.3125-32	.415	10.5
11	N/A	8	0.3750-32	.465	11.8
07	7	9	0.4375-28	.530	13.5
08	8	10	0.500-28	.595	15.1
09	9	11	0.5625-24	.650	16.5
10	10	12	0.625-24	.715	18.2
12	11, 12, 13	13	0.6875-24	.785	19.9
13	N/A	15	0.750-20	.830	21.1
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9
16	19	21	1.0625-18	1.155	29.3
17	21	23	1.1875-18	1.280	32.5

TABLE 2: ENTRY SIZE

Entry Size	Cable Sealing Dia.				F		øG		øK Closed	
	Min. in	Min. mm	Max. in	Max. mm	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	±.03 (0.8) in	±.03 (0.8) mm
01	.031	0.8	.109	2.8	.496	12.6	.398	10.1	.11	2.8
02	.078	2.0	.172	4.4	.582	14.8	.460	11.7	.17	4.3
03	.140	3.6	.234	5.9	.656	16.7	.523	13.3	.23	5.8
04	.203	5.2	.297	7.5	.726	18.4	.585	14.9	.30	7.6
05	.265	6.7	.359	9.1	.885	22.5	.647	16.4	.36	9.1
06	.328	8.3	.422	10.7	.952	24.2	.710	18.0	.42	10.7
07	.390	9.9	.484	12.3	1.018	25.9	.773	19.6	.48	12.2
08	.453	11.5	.547	13.9	1.084	27.5	.835	21.2	.55	14.0
09	.515	13.1	.609	15.5	1.148	29.2	.897	22.8	.61	15.5
10	.578	14.7	.672	17.1	1.211	30.8	.959	24.4	.67	17.0
11	.640	16.3	.734	18.6	1.273	32.3	1.021	25.9	.73	18.5
12	.765	19.4	.859	21.8	1.400	35.6	1.083	27.5	.86	21.8
13	.906	23.0	1.000	25.4	1.539	39.1	1.145	29.1	.99	25.1

Series 39 EMI+Environmental Backshells

for Series 80 Mighty Mouse Connectors

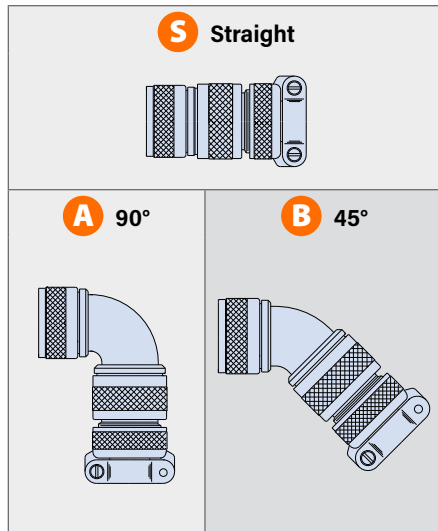
390M*077 EMI+Environmental Backshell, Spin Coupling



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

PROFILE SELECTION GUIDE



EMI. Low profile. Environmental. Spin coupling. 390M*077 backshell fits Glenair Series 80 Mighty Mouse connectors. O-rings provide watertight cable and connector sealing. Terminate cable shield braid with ground ring. Cable clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings.

PART NUMBER

	390MS077	MT	13	08	-8	
Base P/N	Base Part No. Profile 390MS077 S Straight 390MB077 B 45° 390MA077 A 90°					
Material/Finish	M Alum/Electroless Nickel MT Alum/Nickel-PTFE NF Alum/Olive Drab Cadmium ZR Alum/Black Zinc-Nickel TZ Alum/Tin-Zinc Z1 SST/Passivated					
Shell Size	See Table 1					
Entry Size	See Table 2					
Length	Length Code 5 6 8	Length .63 (16.0) .75 (19.1) 1.00 (25.4)	Length Code 10 12 16	Length 1.25 (31.8) 1.50 (38.1) 2.00 (50.8)	<i>Length applies to Profile S (straight) only. In 1/8 inch increments.</i>	
Strain Relief	<i>Omit for saddle clamp</i> N Low Profile Nut					

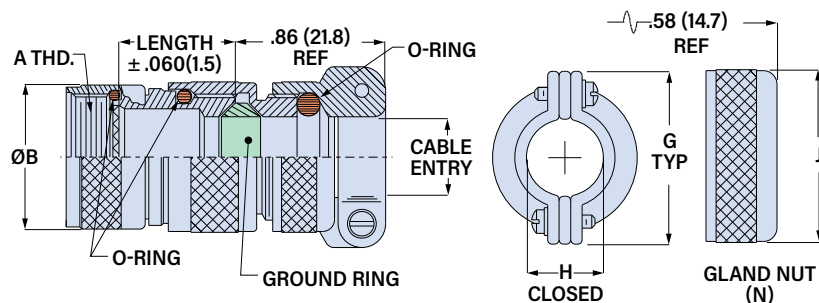


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size		A Thread UNEF-2B	ØB Max.	
	Series 800, 801, 803, 804	Series 805		in	mm
05	5	N/A	0.250-32	.470	11.9
06	6	N/A	0.3125-32	.530	13.5
11	N/A	8	0.3750-32	.570	14.5
07	7	9	0.4375-28	.637	16.2
08	8	10	0.500-28	.700	17.8
09	9	11	0.5625-24	.758	19.3
10	10	12	0.625-24	.819	20.8
12	11, 12, 13	13	0.6875-24	.896	22.8
13	N/A	15	0.750-20	.930	23.6
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9
16	19	21	1.0625-18	1.230	31.2
17	21	23	1.1875-18	1.387	35.2

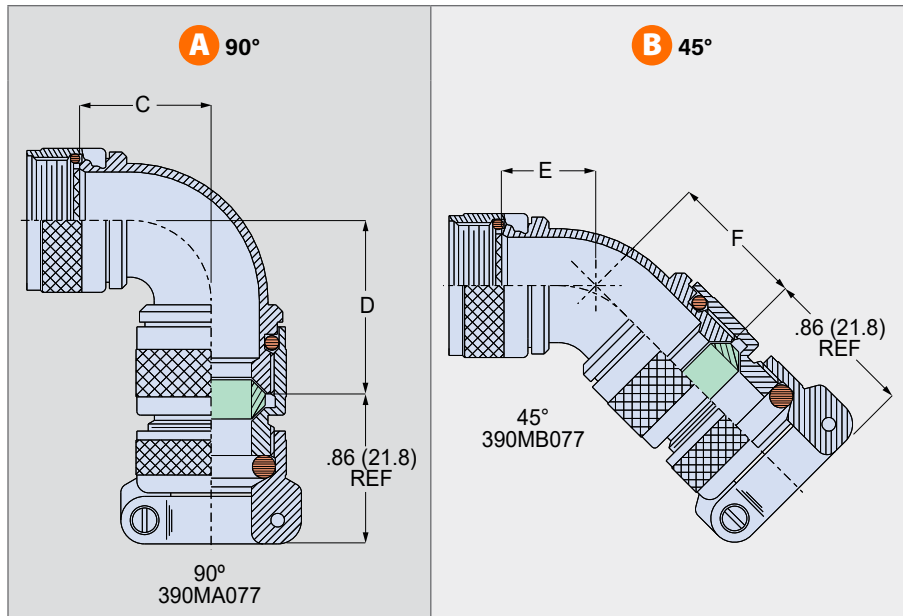
TABLE 2: ENTRY SIZE

Entry Size	Cable Entry		G		ØH Closed		ØJ			
	Min.	Max.	±.015 (0.4)	±.03 (0.8)	±.03 (0.8)	±.015 (0.4)	mm	mm		
01	.031	0.8	.109	2.8	.496	12.6	.11	2.8	.398	10.1
02	.078	2.0	.172	4.4	.582	14.8	.17	4.3	.460	11.7
03	.140	3.6	.234	5.9	.656	16.7	.23	5.8	.523	13.3
04	.203	5.2	.297	7.5	.726	18.4	.30	7.6	.585	14.9
05	.265	6.7	.359	9.1	.885	22.5	.36	9.1	.647	16.4
06	.328	8.3	.422	10.7	.952	24.2	.42	10.7	.710	18.0
07	.390	9.9	.484	12.3	1.018	25.9	.48	12.2	.773	19.6
08	.453	11.5	.547	13.9	1.084	27.5	.55	14.0	.835	21.2
09	.515	13.1	.609	15.5	1.148	29.2	.61	15.5	.897	22.8
10	.578	14.7	.672	17.1	1.211	30.8	.67	17.0	.959	24.4
11	.640	16.3	.734	18.6	1.273	32.3	.73	18.5	1.021	25.9
12	.765	19.4	.859	21.8	1.400	35.6	.86	21.8	1.083	27.5
13	.906	23.0	1.000	25.4	1.539	39.1	.99	25.1	1.145	29.1

Series 39 EMI+Environmental Backshells

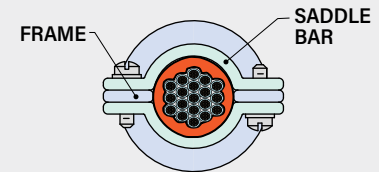
for Series 80 Mighty Mouse Connectors

390M*077 EMI+Environmental Backshell, Spin Coupling



APPLICATION NOTE

This backshell has a *full radius* saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

Entry Size	C Max.		D Max.		E Max.		F Max.	
	in	mm	in	mm	in	mm	in	mm
01	.724	18.4	.802	20.4	.603	15.3	.681	17.3
02	.724	18.4	.802	20.4	.603	15.3	.681	17.3
03	.724	18.4	.802	20.4	.603	15.3	.681	17.3
04	.786	20.0	.864	21.9	.629	16.0	.707	18.0
05	.786	20.0	.864	21.9	.629	16.0	.707	18.0
06	.848	21.5	.926	23.5	.655	16.6	.733	18.6
07	.848	21.5	.926	23.5	.655	16.6	.733	18.6
08	.911	23.1	.989	25.1	.707	18.0	.785	19.9
09	.911	23.1	.989	25.1	.707	18.0	.785	19.9
10	.973	24.7	1.055	26.8	.733	18.6	.811	20.6
11	.973	24.7	1.055	26.8	.733	18.6	.811	20.6
12	1.036	26.3	1.114	28.3	.785	19.9	.863	21.9
13	1.098	27.9	1.176	29.9	.811	20.6	.889	22.6

Series 39 EMI+Environmental Backshells

for Series 806 Mil/Aero Connectors

390V*091 EMI+Environmental Backshell, Self-Locking

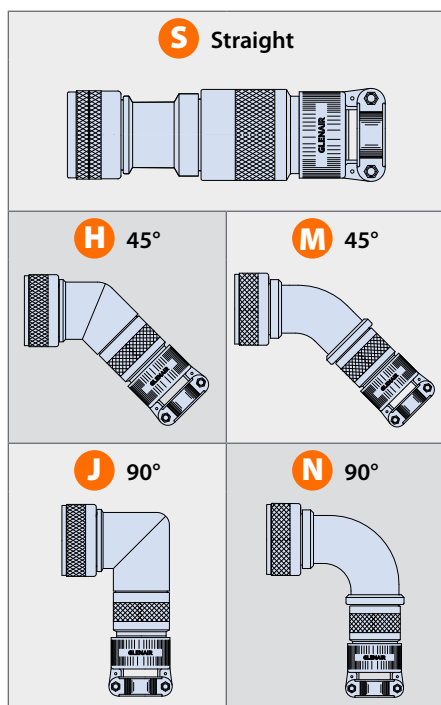


Self-Locking

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

PROFILE SELECTION GUIDE



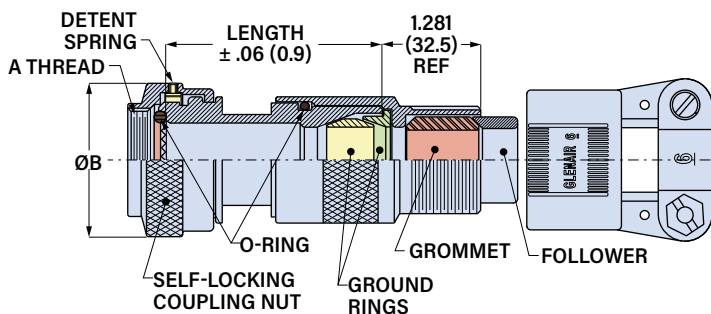
Shell Size	A Thread ISO Metric	øB Max. in	mm	Max. Entry Size ⁽¹⁾
08	M10 x 1.0-6H	.692	17.58	03
09	M12 x 1.0-6H	.786	19.96	04
10	M14 x 1.0-6H	.883	22.43	04
11	M15 x 1.0-6H	.911	23.14	06
12	M17 x 1.0-6H	1.002	25.45	06
14	M19 x 1.0-6H	1.066	27.08	08
16	M22 x 1.0-6H	1.196	30.38	10
18	M25 x 1.0-6H	1.311	33.30	12
20	M28 x 1.0-6H	1.430	36.32	16
22	M31 x 1.0-6H	1.548	39.32	16
24	M34 x 1.0-6H	1.696	43.08	16

(1) If the Entry Size exceeds "Max. Entry Size", a front adapter will be included. See "Maximum Entry Size" on next page.

Shielded. Environmental. Self-locking. Compatible with Glenair's Series 806 connectors with metric accessory thread. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Two ground rings for terminating individual and overall braid shields. Environmentally protected with O-rings and cable grommet. Two strain relief options: saddle clamp or low profile nut. When the strain relief is tightened onto the adapter, the grommet compresses onto cable jacket to create a watertight cable seal. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-rings and grommet.

PART NUMBER

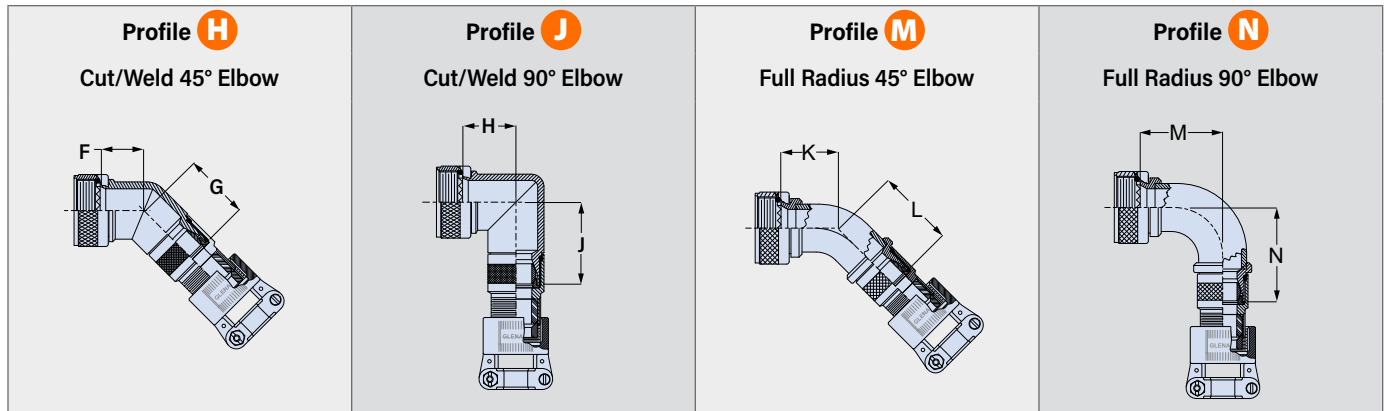
390VS091	MT	16	10	H	3							
Base P/N	Base Part No.	Profile										
	390VS091	S	Straight									
	390VH091	H	45° Cut/Weld									
	390VJ091	J	90° Cut/Weld									
	390VM091	M	45° Full Radius									
390VN091	N	90° Full Radius										
Material/Finish	M	Alum/ Electroless Nickel										
	MT	Alum/ Nickel-PTFE										
	NF	Alum/ Olive Drab Cadmium										
	ZR	Alum/ Black Zinc-Nickel										
	TZ	Alum/ Tin-Zinc										
	ZI	SST/ Passivated										
Shell Size	08	09	10	11	12	14	16	18	20	22	24	
	Entry Size	03	04	06	08	10	12	16	20	24	28	32
	Max. Cable Dia.	.250 (7.9)	.312 (7.9)	.437 (11.1)	.562 (14.3)	.625 (15.9)	.750 (19.1)	.937 (23.8)	1.250 (31.8)	1.375 (34.9)	1.625 (41.3)	1.875 (47.6)
	Shell Size*	08-24	09-24	11-24	14-24	16-24	18-24	20-24	-	-	-	-
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.												
Strain Relief	H	Saddle Clamp										
	D	Nut										
Length	3	1.5 inches		Applies to Profile S only.								
	4	2.0 inches		If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch								
	6	3.0 inches		minimum applies.								
	8	4.0 inches										



Series 39 EMI+Environmental Backshells

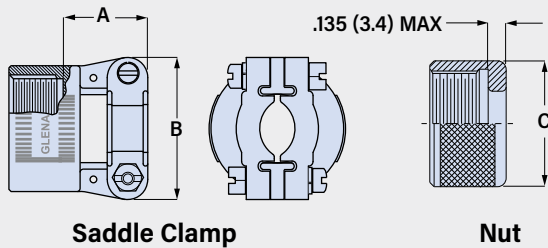
for Series 806 Mil/Aero Connectors

390V*091 EMI+Environmental Backshell, Self-Locking



Shell Size	F Max		G Max		H Max		J Max		K Max		L Max		M Max		N Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.62	15.8	.90	22.9	.79	20.1	1.08	27.4	.79	20.1	1.07	27.2	.94	23.9	1.23	31.2
09	.64	16.3	.93	23.6	.84	21.3	1.13	28.7	.79	20.1	1.07	27.2	.94	23.9	1.23	31.2
10	.67	17.0	.93	23.6	.84	21.3	1.18	30.0	.79	20.1	1.13	28.7	.97	24.6	1.32	33.5
11	.67	17.0	.97	24.6	.90	22.9	1.19	30.2	.79	20.1	1.13	28.7	.97	24.6	1.32	33.5
12	.70	17.8	.97	24.6	.90	22.9	1.24	31.5	.83	21.1	1.21	30.7	1.04	26.4	1.42	36.1
14	.72	18.3	1.00	25.4	.96	24.4	1.27	32.3	.83	21.1	1.21	30.7	1.04	26.4	1.42	36.1
16	.76	19.3	1.05	26.7	1.02	25.9	1.33	33.8	.84	21.3	1.28	32.5	1.08	27.4	1.52	38.6
18	.79	20.1	1.11	28.2	1.12	28.5	1.39	35.3	.89	22.6	1.36	34.5	1.14	29.0	1.62	41.2
20	.82	20.8	1.17	29.7	1.24	31.5	1.49	37.9	.92	23.4	1.43	36.3	1.21	30.7	1.71	43.4
22	.86	21.8	1.21	30.7	1.24	31.5	1.56	39.6	.95	24.1	1.49	37.9	1.28	32.5	1.81	46.0
24	.90	22.9	1.29	32.8	1.25	31.8	1.68	42.7	.98	24.5	1.55	39.4	1.33	33.8	1.91	48.5

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		øC Max		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
03	.780	19.8	.957	24.3	.630	16.0	.125	3.2	.250	6.4
04	.780	19.8	.957	24.3	.755	19.2	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6

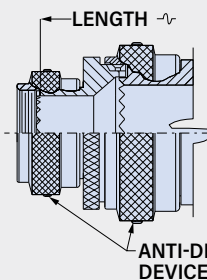
* Not applicable to Style D Nut.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

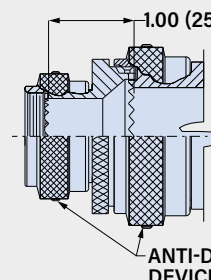
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	03	16	10
09	04	18	12
10	04	20	16
11	06	22	16
12	06	24	16
14	08		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the front adapter adds 1 inch to the length.

Series 39 EMI+Environmental Backshells

for Series 970 PowerTrip® Connectors

390P*055 EMI+Environmental Backshell, Self-Locking



Self-Locking

Adapter Code P
This accessory fits Glenair Series 970 PowerTrip Connectors

PROFILE SELECTION GUIDE

S Straight

M 45°

N 90°

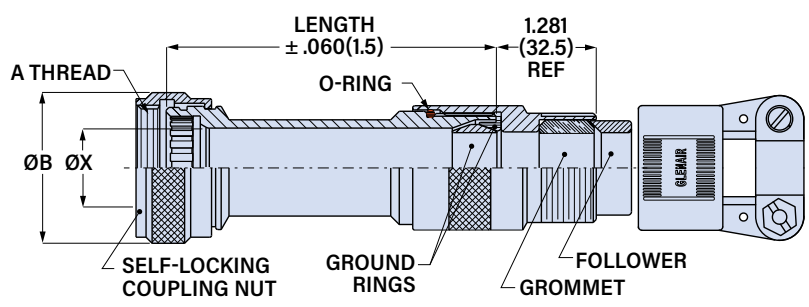
Shielded. Environmental. Self-locking. Compatible with Glenair's Series 970 PowerTrip connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Environmentally protected with O-ring and cable grommet. Three strain relief options: saddle clamp, nut, or wire mesh cordgrip. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel. Silicone O-ring and grommet.

PART NUMBER		390PS055	ME	24	12H	8			
Base P/N	Base Part No.	390PS055	ME	24	12H	8			
	Profile	S Straight							
		M 45° Full Radius							
		N 90° Full Radius							
Material/ Finish	Material/ Finish	ME Alum/ Electroless Nickel							
		MT Alum/ Nickel-PTFE							
		NF Alum/ Olive Drab Cadmium							
		ZR Alum/ Black Zinc-Nickel							
		TZ Alum/ Tin-Zinc							
		ZI SST/ Passivated							
Shell Size		18	20	24	28	32	36	40	
Entry Size and Strain Relief Code	Saddle Clamp			Nut			Cordgrip		
		Max. Cable Dia.	Max. Shell Size*		Max. Cable Dia.	Max. Shell Size*		Max. Cable Dia.	Max. Shell Size*
	06H	.437	18-40	06D	.438	18-40	06K	.438	18-40
	08H	.562	18-40	08D	.562	18-40	08K	.500	18-40
	10H	.625	18-40	10D	.625	18-40	10K	.625	18-40
	12H	.750	20-40	12D	.750	20-40	12K	.750	20-40
	16H	.938	24-40	16D	.938	24-40	16K	.875	24-40
	20H	1.250	28-40	20D	1.250	28-40	20K	1.000	24-40
	24H	1.375	32-40	24D	1.375	32-40	24K	1.250	28-40
	28H	1.625	36-40	28D	1.625	36-40	28K	1.375	32-40
32H	1.875	40	32D	1.875	40	32K	1.625	36-40	
36H	2.125	-	40D	2.375	-	40K	1.875	40	
40H	2.375	-					2.375	-	
Length	6	3 inches (Shell Sizes 18 and 20 only)			Applies to Profile S only.				
	8	4 inches			If Entry Size is greater than "Maximum Entry Size" (see next page), then 5 inch minimum applies.				
	10	5 inches							
	12	6 inches							
	16	8 inches							

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Shell Size	A Thread	ø B Max. in	mm	ø X Min. in	mm	Max. Entry Size ⁽¹⁾
18	1.125-18 UNEF-2B	1.39	35.3	.724	18.4	10
20	1.250-18 UNEF-2B	1.53	38.9	.858	21.8	12
24	1.4375-18 UNEF-2B	1.72	43.7	1.043	26.5	16
28	1.8125-16 UN-2B	2.13	54.1	1.353	34.4	20
32	2.0625-16 UNS-2B	2.35	59.7	1.620	41.2	24
36	2.250-16 UN-2B	2.59	65.8	1.823	46.3	28
40	2.500-16 UN-2B	2.87	70.6	2.050	52.1	32

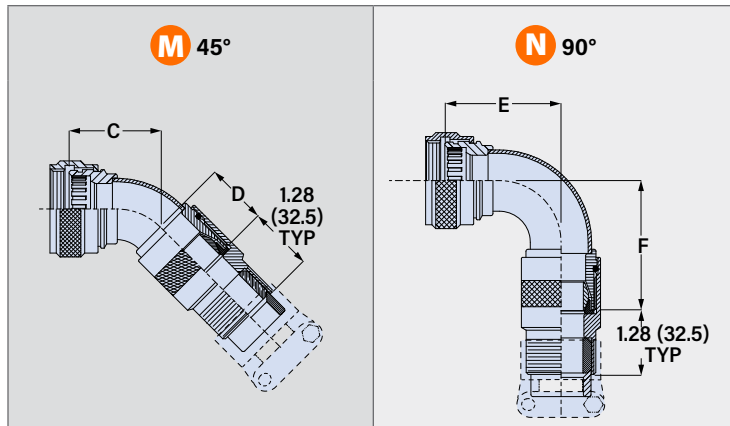
(1) If the Entry Size exceeds "Max. Entry Size", a front adapter will be included. See "Maximum Entry Size" on next page.



Series 39 EMI+Environmental Backshells

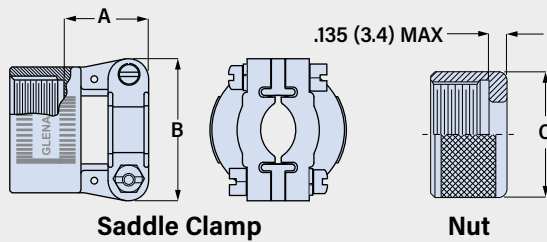
for Series 970 PowerTrip® Connectors

390P*055 EMI+Environmental Backshell, Self-Locking



Shell Size	C Max.		D Max.		E Max.		F Max.	
	in	mm	in	mm	in	mm	in	mm
18	1.250	31.8	2.468	62.7	1.906	48.4	1.812	46.0
20	1.312	33.3	2.657	67.5	2.031	51.6	1.938	49.2
24	1.46	35.7	3.063	77.8	2.281	57.9	2.188	55.6
28	1.500	38.1	3.656	92.9	2.531	64.3	2.625	66.7
32	1.675	42.5	3.845	97.7	2.625	66.7	2.895	73.5
36	1.799	45.7	4.230	107.4	2.875	73.0	3.145	79.9
40	1.861	47.3	4.459	113.3	3.025	76.8	3.295	83.7

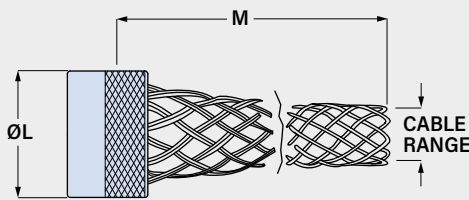
SADDLE CLAMP AND NUT DIMENSIONS



Entry Size	A Max.		B Max.		øC Max.		Cable Range			
	in	mm	in	mm	in	mm	Min*	Max	in	mm
06	.780	19.8	1.145	29.1	.942	23.9	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	1.067	27.1	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	1.192	30.3	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	1.380	35.1	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	1.535	39.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	1.848	46.9	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	2.255	57.3	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	2.505	63.6	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	2.755	70.0	1.437	36.5	1.875	47.6
36	1.750	44.5	3.250	82.6	Not Avail		1.625	41.3	2.125	53.9
40	1.750	44.5	3.500	88.9	3.255	82.7	1.875	47.6	2.375	60.3

* Not applicable to Style D Nut.

CORDGRIP DIMENSIONS



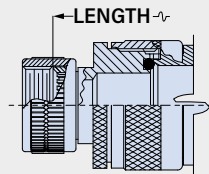
Entry Size	L Max.		M		Cable Range			
	in	mm	in	mm	Min	Max	in	mm
06	.942	23.9	4.00	101	.310	7.8	.438	11.1
08	1.067	27.1	4.12	105	.438	11.1	.500	12.7
10	1.192	30.3	4.37	111	.500	12.7	.625	15.8
12	1.380	35.1	5.00	127	.625	15.9	.750	19.1
14	1.563	39.7	6.00	152	.750	19.1	.875	22.2
16	1.563	39.7	6.25	158	.875	22.2	1.000	25.4
20	1.875	47.6	7.25	184	1.000	25.4	1.250	31.8
24	2.225	57.3	8.00	203	1.125	28.6	1.375	34.9
28	2.505	63.6	8.50	216	1.375	34.9	1.625	41.2
32	2.755	70.0	9.00	229	1.625	41.3	1.875	47.6
40	3.225	82.7	9.50	241	2.125	53.9	2.375	60.3

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

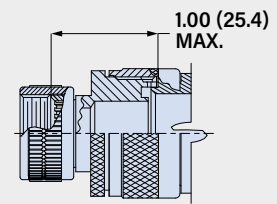
Shell Size	Maximum Entry Size
18	10
20	12
24	16
28	20
32	24
36	28
40	32

Style 2 Straight Backshell



Style 2 minimum length code is 10 (5 inches) for Profile **S**.

Style 2 45° and 90° Backshells



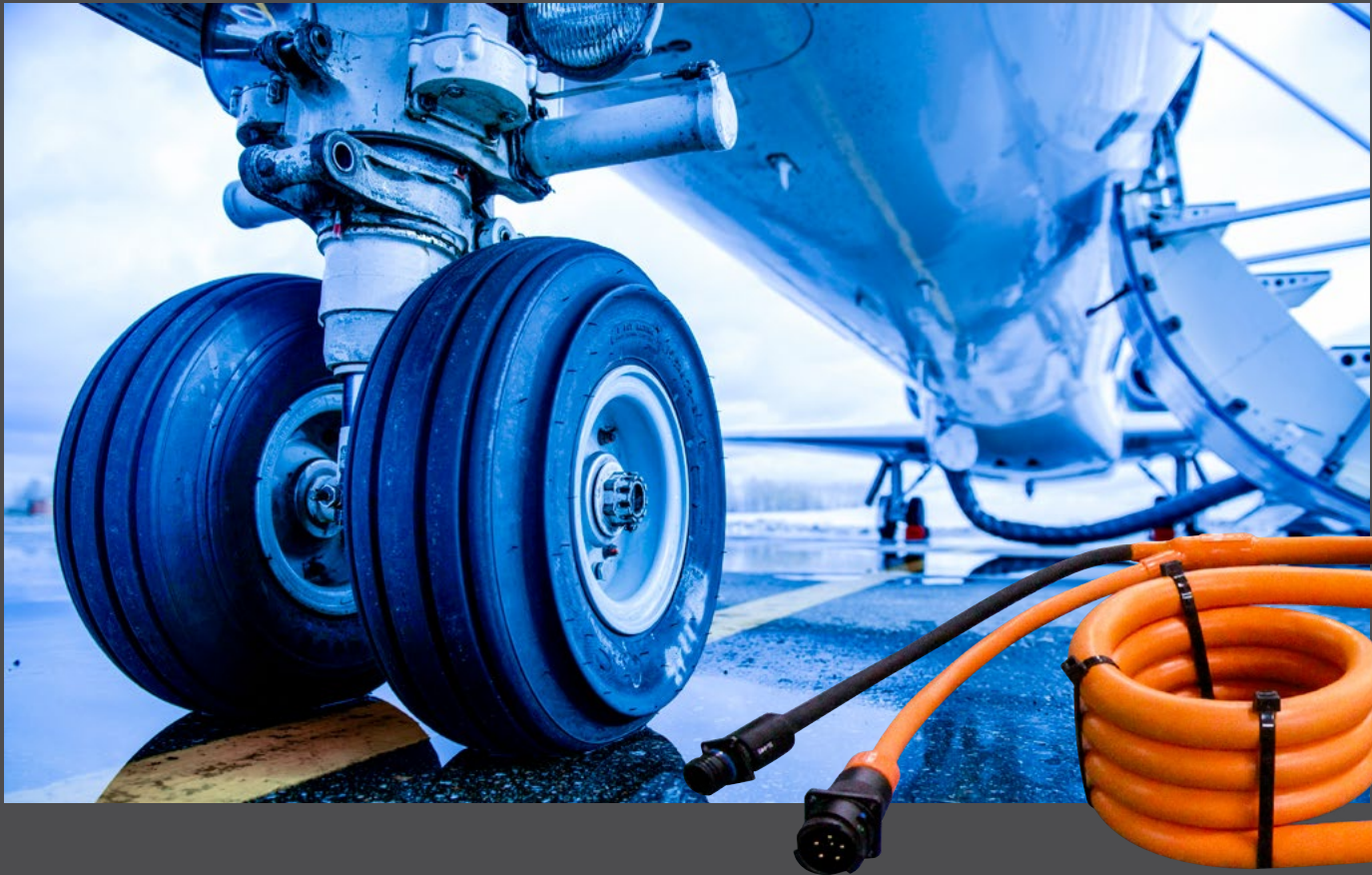
For Profile **M** and **N** 45° and 90° backshells, the length increases by 1 inch.

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- MADE IN USA
- MASSIVE SAME-DAY INVENTORY



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rugged power
cable solution



TurboFlex® power distribution cables are constructed from highly flexible conductors and high-performance insulation to produce cables ideally suited for applications where flexibility, durability, and weight reduction are required. Amazingly durable and flexible—especially in cold weather—the 16 AWG to 450 MCM TurboFlex cable features high strand count rope lay inner conductors made with tin-, nickel- and silver-plated copper. TurboFlex is jacketed with Glenair's unique Duraelectric™ compound that provides outstanding flexibility and resistance to environmental and chemical exposure. Duraelectric is also low smoke, zero halogen. Long life and performance are critical in power distribution applications. TurboFlex, with its flexible conductors and durable jacket delivers both.



Available in a broad
range of gauges,
16 AWG to 450 MCM



Many sizes In-stock and available for
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minimums!



◀ Duraelectric™ is the high-performance TurboFlex® jacketing material perfectly suited for immersion, chemical or caustic fluid exposure, temperature extremes, UV radiation and more—available in a broad range of colors including safety orange

Series 40 TAG Ring® Backshells

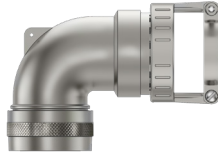
Selection Guide

Series 40 TAG Ring® Backshells



Series 40 TAG Ring® Backshells have multiple slots for terminating individual shields. Feed shield pigtails into slots in TAG Ring®, then thread nut or clamp onto slot legs to securely captivate braid. A gold-plated ground spring and PTFE friction washer provide consistent, low impedance grounding over a range of braid thicknesses. No special tools are needed for assembly.

Styles



Spin Coupling

- Individual shields
- Non-environmental



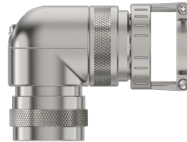
Self-Locking

- Individual shields
- Non-environmental



Self-Locking Low Profile 90°

- Individual shields
- Non-environmental



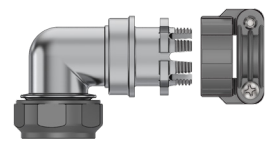
Self-Locking 90° Split

- Individual shields
- Non-environmental



Banding, Shrink Boot

- Individual, overall shields
- Environmental (requires shrink boot)
- Self-locking



Composite, Banding, Boot

- Individual, overall shields
- Environmental (requires shrink boot)
- Self-locking

Adapter Code

A

AS50151 crimp

AS95234

MIL-DTL-26482 Ser. II

MIL-DTL-83723 Ser. III



TAG Ring Backshell, Spin Coupling
400A*001
Page 40-2



TAG Ring Backshell, Self-Locking
400AS011
Page 40-4



TAG Ring Backshell, 90° Self-Locking Low Profile
400AC011
Page 40-5



TAG Ring Backshell, 90° Self-Locking Split
400AD011
Page 40-6



TAG Ring Backshell, Self-Locking, Banding, Boot
407A*037
Page 40-7



TAG Ring Backshell, Composite, Banding, Boot
407A*061
Page 40-8

Adapter Code

F

MIL-DTL-38999 Series I and II



TAG Ring Backshell, Spin Coupling
400F*001
Page 40-9



TAG Ring Backshell, Self-Locking
400FS011
Page 40-11



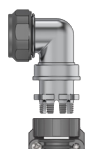
TAG Ring Backshell, 90° Self-Locking Low Profile
400FC011
Page 40-12



TAG Ring Backshell, 90° Self-Locking Split
400FD011
Page 40-13



TAG Ring Backshell, Self-Locking, Banding, Boot
407F*037
Page 40-4



TAG Ring Backshell, Composite, Banding, Boot
407F*061
Page 40-15

Adapter Code

H

MIL-DTL-38999 Series III and IV



TAG Ring Backshell, Spin Coupling
400H*001
Page 40-6



TAG Ring Backshell, Self-Locking
400HS011
Page 40-18



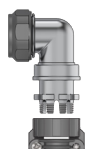
TAG Ring Backshell, 90° Self-Locking Low Profile
400HC011
Page 40-19



TAG Ring Backshell, 90° Self-Locking Split
400HD011
Page 40-20



TAG Ring Backshell, Self-Locking, Banding, Boot
407H*037
Page 40-21



TAG Ring Backshell, Composite, Banding, Boot
407H*061
Page 40-22

Series 40 TAG Ring® Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

400A*001 TAG Ring® Backshell

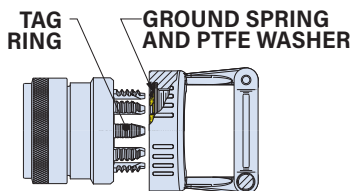


Individual shield termination. 400A*001 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Saddle clamp strain relief
- 3 profiles: straight, 45° and 90°
- No tools required for disassembly and repair

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III



PROFILE SELECTION GUIDE

S Straight

A 90°

B 45°

PART NUMBER

400AS001 M 18 06 L 3

Base P/N	Base Part No.	Profile
	400AS001	S Straight
	400AA001	A 90°
	400AB001	B 45°

Material/Finish	Material/Finish
M	Alum/ Electroless Nickel
MT	Alum/ Nickel-PTFE
NF	Alum/ Olive Drab Cadmium
ZR	Alum/ Black Zinc-Nickel
TZ	Alum/ Tin-Zinc

Shell Size 08 10 12 14 16 18 20 22 24

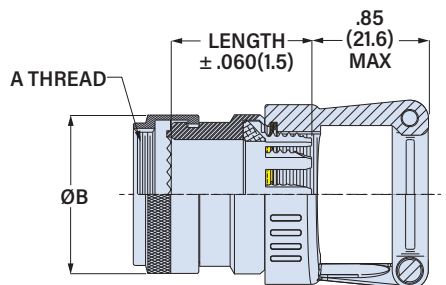
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*
02	07	.250 (6.4)	08-24	07	.875 (22.2)	20-24
03	08	.375 (9.5)	10-24	08	1.000 (25.4)	22-24
04	09	.500 (12.2)	12-24	09	1.125 (28.6)	24
05	10	.625 (15.9)	16-24	10	1.250 (31.8)	-
06		.750 (19.1)	18-24			

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Strain Relief **L** Saddle Clamp

Length	Length
3	1.5 inches
4	2.0 inches
6	3.0 inches

Applies to Profile **S** only.
If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.

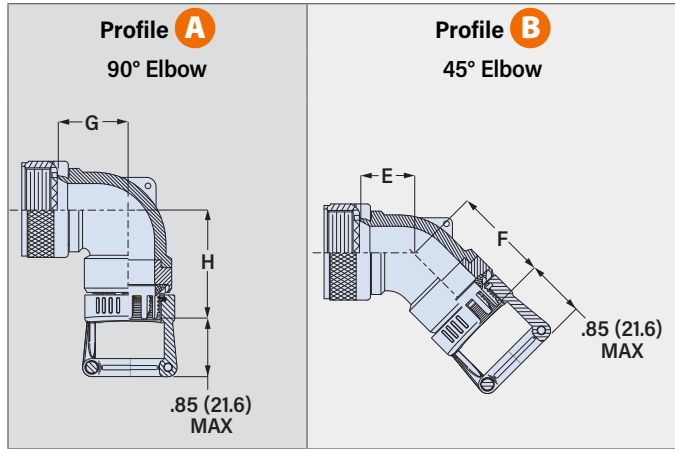


Shell Size	A Thread Class 2B	øB Max in	mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9

Series 40 TAG Ring® Backshells

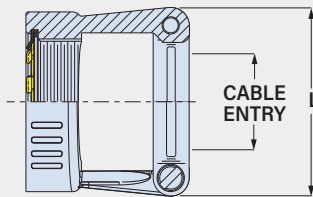
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

400A*001 TAG Ring® Backshell



Shell Size	E Max		F Max		G Max		H Max	
	in	mm	in	mm	in	mm	in	mm
08	.457	11.6	1.660	42.2	.500	12.7	1.670	42.4
10	.520	13.2	1.720	43.7	.595	15.1	1.790	45.5
12	.582	14.8	1.780	45.2	.610	15.5	1.810	46.0
14	.645	16.4	1.870	47.5	.700	17.8	1.880	47.8
16	.738	18.7	1.980	50.3	.885	22.5	1.970	50.0
18	.926	23.5	2.170	55.1	.975	24.8	2.140	54.4
20	.926	23.5	2.170	55.1	.975	24.8	2.140	54.4
22	1.020	25.9	2.320	58.9	1.125	28.6	2.250	57.2
24	1.020	25.9	2.320	58.9	1.125	28.6	2.250	57.2

STRAIN RELIEF DIMENSIONS



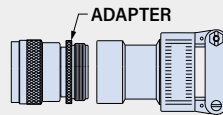
Entry Size	L Max		Cable Range			
	in	mm	Min. in	Min. mm	Max. in	Max. mm
02	.968	24.6	.125	3.2	.250	6.4
03	1.046	26.6	.250	6.4	.375	9.5
04	1.156	29.4	.375	9.5	.500	12.7
05	1.218	30.9	.500	12.7	.625	15.9
06	1.343	34.1	.625	15.9	.750	19.1
07	1.468	37.3	.750	19.1	.875	22.2
08	1.593	40.5	.875	22.2	1.000	25.4
09	1.718	43.6	.937	23.8	1.125	28.6
10	1.843	46.8	1.062	27.0	1.250	31.8

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

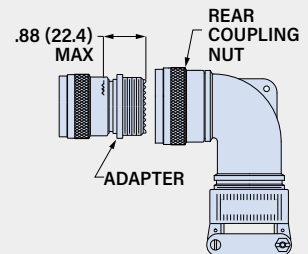
Shell Size	Maximum Entry Size
08	02
10	03
12	04
14	04
16	05
18	06
20	07
22	08
24	09

Style 2 Straight Backshell



The minimum length code increases from 3 (1.5 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.

Series 40 TAG Ring® Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

400AS011 TAG Ring® Backshell, Self-Locking, Straight Profile



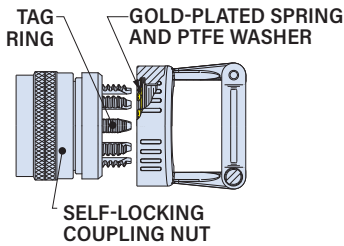
Self-Locking

Individual shield termination. Self-locking. 400AS011 backshell fits AS50151 crimp, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III, and AS95234 connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- No tools required for disassembly and repair

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

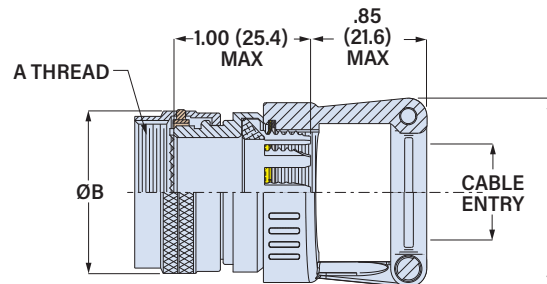


PART NUMBER

Base P/N	400AS011	M	18	06	L
Material/Finish	<p>M Alum/ Electroless Nickel</p> <p>MT Alum/ Nickel-PTFE</p> <p>NF Alum/ Olive Drab Cadmium</p> <p>ZR Alum/ Black Zinc-Nickel</p> <p>TZ Alum/ Tin-Zinc</p>				
Shell Size	08 10 12 14 16 18 20 22 24				
Entry Size	See Table 1				
Strain Relief	L Saddle Clamp				

TABLE 1: ENTRY SIZE

Entry Size	L Max	Cable Entry				No. of Slots	Shell Size Range	
		in	mm	Min. in	Max. mm			
02	.968	24.6	.125	3.2	.250	6.4	3	08-24
03	1.046	26.6	.250	6.4	.375	9.5	4	10-24
04	1.156	29.4	.375	9.5	.500	12.7	6	12-24
05	1.218	30.9	.500	12.7	.625	15.9	8	14-24
06	1.343	34.1	.625	15.9	.750	19.1	10	16-24
07	1.468	37.3	.750	19.1	.875	22.2	10	18-24
08	1.593	40.5	.875	22.2	1.000	25.4	12	20-24
09	1.718	43.6	.937	23.8	1.125	28.6	15	22-24
10	1.843	46.8	1.062	27.0	1.250	31.8	15	24



Shell Size	A Thread Class 2B	in	mm	Max. Entry Size
08	0.500-20 UNF	.69	17.5	02
10	0.625-24 UNEF	.82	20.8	03
12	0.750-20 UNEF	.94	23.8	04
14	0.875-20 UNEF	1.06	26.9	05
16	1.000-20 UNEF	1.17	29.7	06
18	1.0625-18 UNEF	1.46	37.1	07
20	1.1875-18 UNEF	1.60	40.6	08
22	1.3125-18 UNEF	1.70	43.2	09
24	1.4375-18 UNEF	1.84	46.7	10

Series 40 TAG Ring® Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

400AC011 TAG Ring® Backshell, Self-Locking, 90° Low Profile



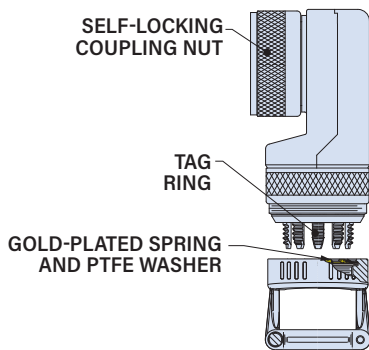
Self-Locking

Individual shield termination. Self-locking. 400AC011 backshell fits AS50151 crimp, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III, and AS95234 connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- Low profile "Cobra" configuration
- No tools required for disassembly and repair

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

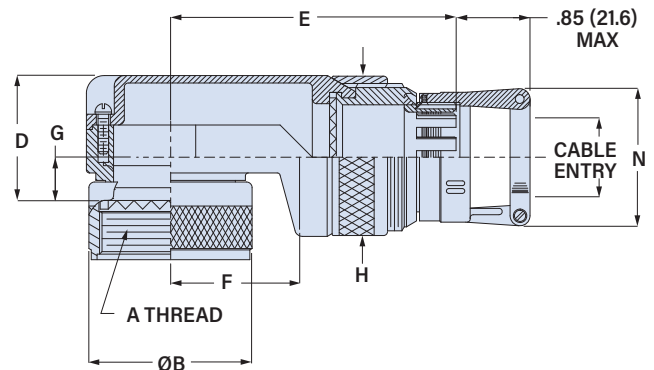


PART NUMBER

Base P/N	400AC011	M	18	05	L
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc				
Shell Size	08 10 12 14 16 18 20 22 24				
Entry Size	See Table 1				
Strain Relief	L Saddle Clamp				

TABLE 1: ENTRY SIZE

Entry Size	N Max in	N Max mm	Cable Entry			No. of Slots	Shell Size Range
			Min. in	Min. mm	Max. mm		
02	.969	24.6	.125	3.2	.250	6.4	3 8-24
03	1.046	26.6	.250	6.4	.375	9.5	4 10-24
04	1.156	29.4	.375	9.5	.500	12.7	6 14-24
05	1.218	30.9	.500	12.7	.625	15.9	8 16-24
06	1.344	34.1	.625	15.9	.750	19.1	10 22-24



Shell Size	A Thread Class 2B	ØB Max.		D Max.		E Max.		F Ref.		G Ref.		± .031 (0.8)		± .031 (0.8)		± .031 (0.8)		Max. Entry Size
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
08	0.500-20 UNF	.69	17.5	.84	21.3	2.06	52.3	.500	12.7	.504	12.8	.666	16.9	.844	21.4	.688	17.5	02
10	0.625-24 UNEF	.82	20.8	.89	22.6	2.22	56.4	.650	16.5	.432	11.0	.825	21.0	.844	21.4	.812	20.6	03
12	0.750-20 UNEF	.94	23.8	.89	22.6	2.22	56.4	.650	16.5	.432	11.0	.825	21.0	.844	21.4	.812	20.6	03
14	0.875-20 UNEF	1.06	26.9	.99	25.1	2.29	58.2	.720	18.3	.441	11.2	.925	23.5	.984	25.0	.942	23.9	04
16	1.000-20 UNEF	1.17	29.7	1.14	29.0	2.34	59.4	.770	19.6	.575	14.6	1.094	27.8	1.125	28.6	1.066	27.1	05
18	1.0625-18 UNEF	1.46	37.1	1.34	34.0	2.37	60.2	.800	20.3	.796	20.2	1.094	27.8	1.344	34.1	1.066	27.1	05
20	1.1875-18 UNEF	1.60	40.6	1.34	34.0	2.37	60.2	.800	20.3	.796	20.2	1.094	27.8	1.344	34.1	1.066	27.1	05
22	1.3125-18 UNEF	1.70	43.2	1.34	34.0	2.52	64.0	.950	24.1	.695	17.7	1.187	30.1	1.469	37.3	1.192	30.3	06
24	1.4375-18 UNEF	1.84	46.7	1.34	34.0	2.52	64.0	.950	24.1	.695	17.7	1.187	30.1	1.469	37.3	1.192	30.3	06

Series 40 TAG Ring® Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

400AD011 TAG Ring® Backshell, Self-Locking, 90° Split



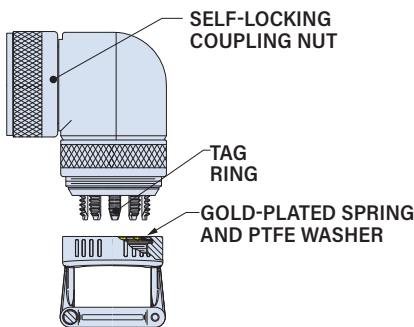
Self-Locking

Individual shield termination. Self-locking. 400AD011 backshell fits AS50151 crimp, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III, and AS95234 connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- No tools required for disassembly and repair

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III



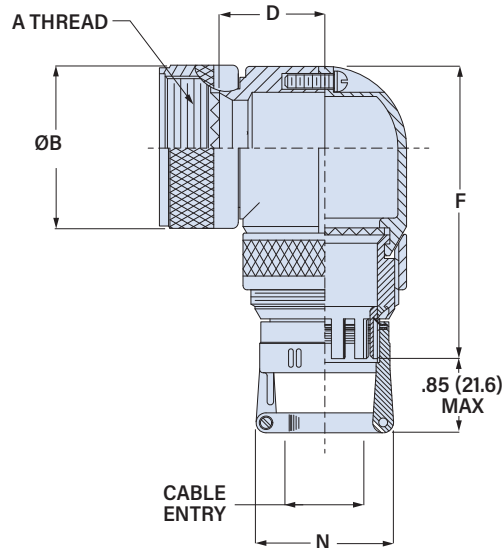
PART NUMBER

400AD011	M	18	06	L
Base P/N	400AD011			
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc			
Shell Size	08 10 12 14 16 18 20 22 24			
Entry Size	See Table 1			
Strain Relief	L Saddle Clamp			

TABLE 1: ENTRY SIZE

Entry Size	L Max in mm	Cable Entry			No. of Slots	Shell Size Range
		Min. in mm	Max. in mm	Max. in mm		
02	.968 24.6	.125 3.2	.250 6.4	.250 6.4	3	8-24
03	1.046 26.6	.250 6.4	.375 9.5	.375 9.5	4	10-24
04	1.156 29.4	.375 9.5	.500 12.7	.500 12.7	6	12-24
05	1.218 30.9	.500 12.7	.625 15.9	.625 15.9	8	14-24
06	1.343 34.1	.625 15.9	.750 19.1	.750 19.1	10	16-24
07	1.468 37.3	.750 19.1	.875 22.2	.875 22.2	10	18-24
08	1.593 40.5	.875 22.2	1.000 25.4	1.000 25.4	12	20-24
09	1.718 43.6	.937 23.8	1.125 28.6	1.125 28.6	15	22-24
10	1.843 46.8	1.062 27.0	1.250 31.8	1.250 31.8	15	24

Shell Size	A Thread Class 2B	øB Max. in mm	D Max. in mm	F Max. in mm	Max. Entry Size
08	0.500-20 UNF	.69 17.5	.84 21.3	1.86 47.2	02
10	0.625-24 UNEF	.82 20.8	.91 23.1	1.98 50.3	03
12	0.750-20 UNEF	.94 23.8	.97 24.6	2.11 53.6	04
14	0.875-20 UNEF	1.06 26.9	1.03 26.2	2.20 55.9	05
16	1.000-20 UNEF	1.17 29.7	1.09 27.7	2.36 59.9	06
18	1.0625-18 UNEF	1.46 37.1	1.16 29.5	2.48 63.0	07
20	1.1875-18 UNEF	1.60 40.6	1.22 31.0	2.61 66.3	08
22	1.3125-18 UNEF	1.70 43.2	1.28 32.5	2.84 72.1	09
24	1.4375-18 UNEF	1.84 46.7	1.34 34.0	2.95 74.9	10



Series 40 TAG Ring® Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

407A*037 TAG Ring® Backshell, Banding, Shrink Boot



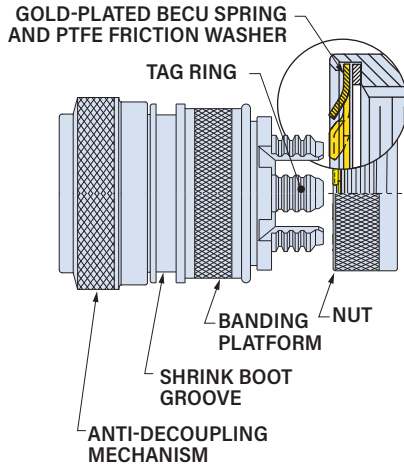
Self-Locking

Self-locking. Boot groove. Banding platform. 407A*037 backshell fits AS50151 crimp, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III, and AS95234 connectors. Grounding ring has slots for individual cable shields. Attach overall cable shield to banding platform with BandMaster ATS strap (not supplied). Install shrink boot for strain relief and environmental sealing. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or SST. Gold plated copper alloy ground spring, PTFE washer.

- Terminal-And-Grounding (TAG) ring for individual shields
- Banding platform for overall shield
- Gold-plated ground spring
- Self-locking coupling nut
- Groove for lipped shrink boot

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III



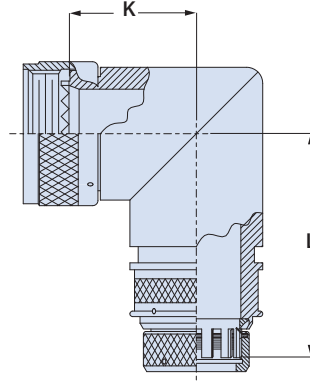
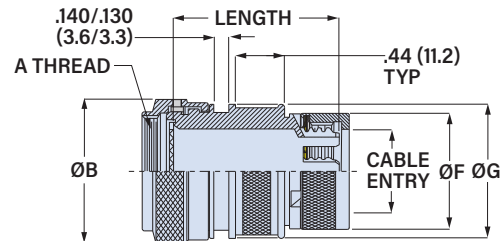
PART NUMBER

	407AS037	ZI	14	04	G	3	S
Base P/N	407AS037 Straight 407AJ037 90°						
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivate						
Shell Size	08 10 12 14 16 18 20 22 24						
Entry Size	See Table 1						
Strain Relief	G Nut						
Length	3 1.5 inches 4 2.0 inches 5 2.5 inches 6 3.0 inches						Applies to straight profile only (407AS037)
Self-Locking	S Self-Locking Coupling Nut						

TABLE 1: ENTRY SIZE

Entry Size	F Max		G Max		Cable Entry				No. of Slots	Shell Size Range
	in	mm	in	mm	Min. in	Min. mm	Max. in	Max. mm		
02	.545	13.8	.650	16.5	.125	3.2	.250	6.4	3	08-24
03	.670	17.0	.774	19.7	.250	6.4	.375	9.5	4	10-24
04	.795	20.2	.963	24.5	.375	6.4	.500	12.7	6	12-24
05	.920	23.4	1.042	26.5	.500	9.5	.625	15.9	8	14-24
06	1.045	26.5	1.217	30.9	.625	12.7	.750	19.1	10	16-24
07	1.170	29.7	1.355	34.4	.750	19.1	.875	22.2	10	20-24
08	1.295	32.9	1.443	36.7	.875	22.2	1.000	25.4	12	22-24
09	1.420	36.1	1.709	43.4	.937	23.8	1.125	28.6	15	24

Shell Size	A Thread Class 2B	øB Max. in	mm	K Max. in	mm	L Max. in	mm	Max. Entry Size
08	0.500-20 UNF	.69	17.5	.906	23.0	2.35	59.7	02
10	0.625-24 UNEF	.82	20.8	.966	24.5	2.41	61.2	03
12	0.750-20 UNEF	.94	23.8	1.026	26.1	2.47	62.7	04
14	0.875-20 UNEF	1.06	26.9	1.076	27.3	2.54	64.5	05
16	1.000-20 UNEF	1.17	29.7	1.136	28.9	2.60	66.0	06
18	1.0625-18 UNEF	1.46	37.1	1.176	29.9	2.62	66.5	06
20	1.1875-18 UNEF	1.60	40.6	1.236	31.4	2.68	68.1	07
22	1.3125-18 UNEF	1.70	43.2	1.296	32.9	2.76	70.1	08
24	1.4375-18 UNEF	1.84	46.7	1.356	34.4	2.83	71.9	09



Series 40 TAG Ring® Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

407A*061 TAG Ring® Composite Backshell, Banding, Shrink Boot



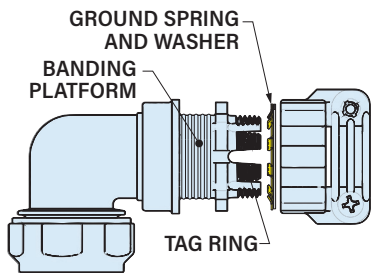
Self-Locking

Self-locking. Banding platform. Shrink boot accommodation. 407A*061 backshell fits AS50151 crimp, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III, and AS95234 connectors. Grounding ring has slots for individual cable shields. Attach overall cable shield to banding platform with BandMaster ATS strap (not supplied). Install shrink boot for strain relief and environmental sealing.

- Terminal-And-Grounding (TAG) ring for individual shields
- Banding platform for overall shield
- Gold-plated ground spring
- Self-locking coupling nut
- Groove for lipped shrink boot

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III



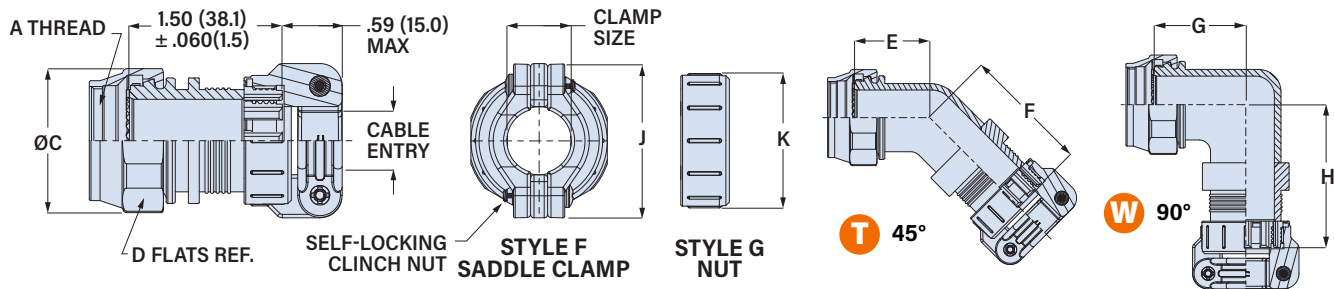
MATERIAL/FINISH

Adapter: Conductively plated thermoplastic
 Coupling nut, strain relief: black composite thermoplastic, unplated
 Ground spring: gold-plated copper alloy
 Friction washer: PTFE
 Saddle clamp hardware: SST

PART NUMBER

407AS061	XMD	1414	G	3
Base P/N	Base Part No.	Profile	Shell Size	
	407AS061	S Straight	08-28	
	407AT061	T 45°	08-24	
	407AW061	W 90°	08-28	
Adapter Finish	XMD	Electroless Nickel		
	XWD	Cadmium, Olive Drab		
	XZD	Black Zinc-Nickel		
Shell Size/Entry Size	Shell Size-Entry Size	Shell Size	Shell Size-Entry Size	Shell Size
	0810	08	1816	18
	1010	10	2018	20
	1212	12	2220	22
	1414	14	2424	24
	1616	16	2832	28
Strain Relief	F	Saddle Clamp Nut		
	G	Nut		
Length	3	1.5 inches		<i>Omit for 45° and 90° profile. Length code applies to straight profile only.</i>

S Straight



Shell Size/Entry Size	Shell Size	A Thread Class 2B	øC Max.		D Flats (ref)				E Max.				F Max.				G Max.				H Max.				± .06 (1.5)		± .06 (1.5)		± .06 (1.5)		± .06 (1.5)	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
0810	08	0.500-20 UNF	.86	21.8	.750	19.1	.841	21.4	1.75	44.5	.906	23.0	2.350	59.7	.94	23.9	.75	19.1	.24	6.1	.31	7.9										
1010	10	0.625-24 UNEF	.98	24.9	.875	22.2	.875	22.2	1.78	45.2	.966	24.5	2.410	61.2	.94	23.9	.75	19.1	.24	6.1	.31	7.9										
1212	12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.870	22.1	1.80	45.7	1.026	26.1	2.470	62.7	1.17	29.7	.88	22.4	.37	9.4	.40	10.2										
1414	14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.878	22.3	1.83	46.5	1.076	27.3	2.540	64.5	1.28	32.5	1.00	25.4	.49	12.4	.52	13.2										
1616	16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.900	22.9	1.85	47.0	1.136	28.9	2.600	66.0	1.41	35.8	1.13	28.7	.62	15.7	.59	15.0										
1816	18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.910	23.1	1.87	47.5	1.176	29.9	2.620	66.5	1.41	35.8	1.13	28.7	.62	15.7	.59	15.0										
2018	20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	.940	23.9	1.89	48.0	1.236	31.4	2.680	68.1	1.54	39.1	1.25	31.8	.74	18.8	.75	19.1										
2220	22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	.980	24.9	1.93	49.0	1.296	32.9	2.760	70.1	1.66	42.2	1.38	35.1	.86	21.8	.83	21.1										
2424	24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.010	25.7	1.96	49.8	1.356	34.4	2.830	71.9	1.89	48.0	1.63	41.4	1.12	28.4	.95	24.1										
2832	28	1.750-18 UNS	2.16	54.8	2.000	50.8	NA	NA	NA	NA	1.416	36.0	2.890	73.4	2.02	51.3	2.00	50.8	1.36	34.5	1.02	25.9										

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series I and II Connectors

400F*001 TAG Ring® Backshell

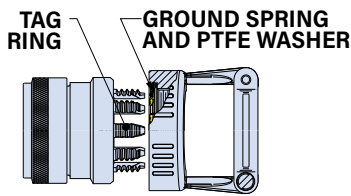


Individual shield termination. 400F*001 backshell fits MIL-DTL-38999 Series I and II connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Saddle clamp strain relief
- 3 profiles: straight, 45° and 90°
- No tools required for disassembly and repair

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II



PROFILE SELECTION GUIDE

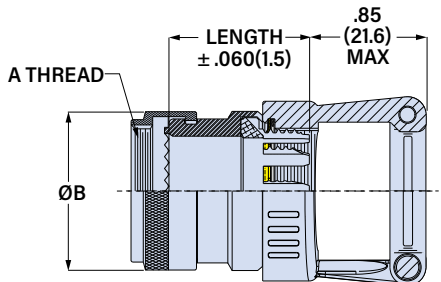
S Straight

A 90°

B 45°

PART NUMBER

		400FS001	M	18	06	L	3				
Base P/N	Base Part No.	Profile									
	400FS001	S Straight									
	400FA001	A 90°									
	400FB001	B 45°									
Material/Finish	M	Alum/ Electroless Nickel									
	MT	Alum/ Nickel-PTFE									
	NF	Alum/ Olive Drab Cadmium									
	ZR	Alum/ Black Zinc-Nickel									
	TZ	Alum/ Tin-Zinc									
Shell Size	38999 Series I	9	11	13	15	17	19	21	23	25	
	38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24	
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*					
	02	.250 (6.4)	08-24	07	.875 (22.2)	20-24					
	03	.375 (9.5)	10-24	08	1.000 (25.4)	22-24					
	04	.500 (12.2)	12-24	09	1.125 (28.6)	24					
	05	.625 (15.9)	14-24	10	1.250 (31.8)	-					
	06	.750 (19.1)	16-24								
	* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.										
Strain Relief	L	Saddle Clamp									
Length	3	1.5 inches	Applies to Profile S only.								
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.								
	6	3.0 inches									

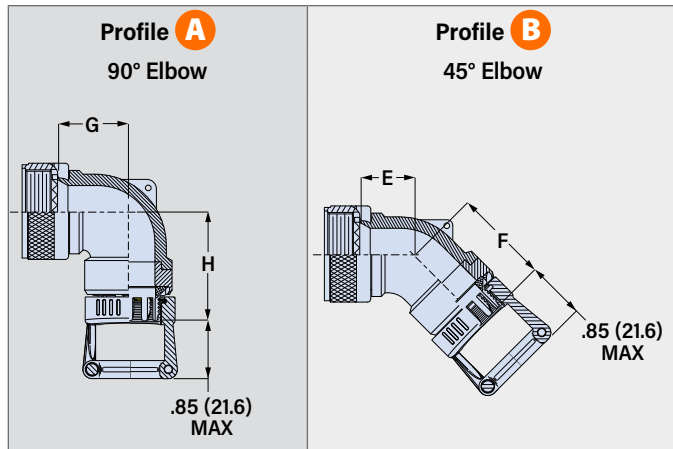


Shell Size	A Thread UNEF-2B	ØB Max in	ØB Max mm
8/9	0.4375-28	.65	16.5
10/11	0.5625-24	.77	19.6
12/13	0.6875-24	.89	22.6
14/15	0.8125-20	1.02	25.9
16/17	0.9375-20	1.15	30.7
18/19	1.0625-18	1.23	31.2
20/21	1.1875-18	1.36	34.5
22/23	1.3125-18	1.48	37.6
24/25	1.4375-18	1.73	43.9

Series 40 TAG Ring® Backshells

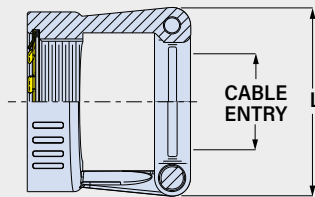
for MIL-DTL-38999 Series I and II Connectors

400F*001 TAG Ring® Backshell



Shell Size	E Max		F Max		G Max		H Max	
	in	mm	in	mm	in	mm	in	mm
8/9	.457	11.6	1.660	42.2	.500	12.7	1.670	42.4
10/11	.520	13.2	1.720	43.7	.595	15.1	1.790	45.5
12/13	.582	14.8	1.780	45.2	.610	15.5	1.810	46.0
14/15	.645	16.4	1.870	47.5	.700	17.8	1.880	47.8
16/17	.738	18.7	1.980	50.3	.885	22.5	1.970	50.0
18/19	.926	23.5	2.170	55.1	.975	24.8	2.140	54.4
20/21	.926	23.5	2.170	55.1	.975	24.8	2.140	54.4
22/23	1.020	25.9	2.320	58.9	1.125	28.6	2.250	57.2
24/25	1.020	25.9	2.320	58.9	1.125	28.6	2.250	57.2

STRAIN RELIEF DIMENSIONS



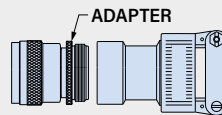
Entry Size	L Max		Cable Range			
	in	mm	Min.	in	Max.	mm
02	.968	24.6	.125	3.2	.250	6.4
03	1.046	26.6	.250	6.4	.375	9.5
04	1.156	29.4	.375	9.5	.500	12.7
05	1.218	30.9	.500	12.7	.625	15.9
06	1.343	34.1	.625	15.9	.750	19.1
07	1.468	37.3	.750	19.1	.875	22.2
08	1.593	40.5	.875	22.2	1.000	25.4
09	1.718	43.6	.937	23.8	1.125	28.6
10	1.843	46.8	1.062	27.0	1.250	31.8

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

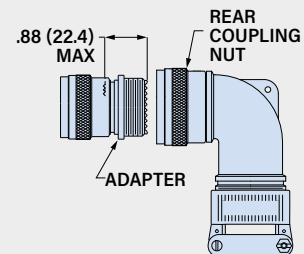
Shell Size	Maximum Entry Size
8/9	02
10/11	03
12/13	04
14/15	05
16/17	06
18/19	06
20/21	07
22/23	08
24/25	09

Style 2 Straight Backshell



The minimum length code increases from 3 (1.5 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



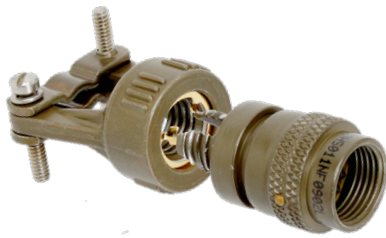
For 45° and 90° backshells, the length increases by .88 inches.

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series I and II Connectors

400FS011 TAG Ring® Backshell, Self-Locking, Straight Profile

Self-Locking

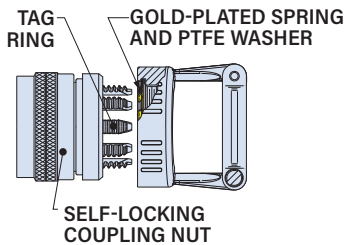


Individual shield termination. Self-locking. 400FS011 backshell fits MIL-DTL-38999 Series I and II connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Aluminum alloy cable clamp, SST hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- No tools required for disassembly and repair

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

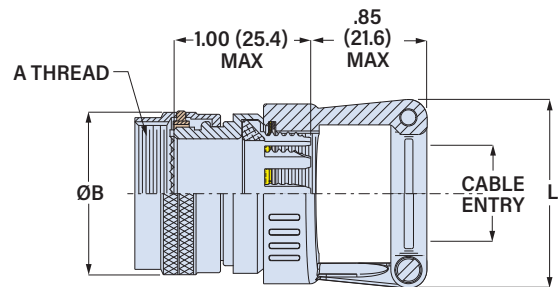


PART NUMBER

Base P/N	400FS011	400FS011	NF	16	04	L																																														
Material/Finish	<p>M Alum/ Electroless Nickel</p> <p>MT Alum/ Nickel-PTFE</p> <p>NF Alum/ Olive Drab Cadmium</p> <p>ZR Alum/ Black Zinc-Nickel</p> <p>TZ Alum/ Tin-Zinc</p>																																																			
Shell Size	<table border="1"> <tr> <td></td> <td colspan="10">Shell Size</td> </tr> <tr> <td>38999 Series I</td> <td>9</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td><td>25</td> <td></td><td></td> </tr> <tr> <td>38999 Series II</td> <td>8</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td><td>22</td><td>24</td> <td></td><td></td> </tr> <tr> <td>Size Code</td> <td>08</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td><td>22</td><td>24</td> <td></td><td></td> </tr> </table>		Shell Size										38999 Series I	9	11	13	15	17	19	21	23	25			38999 Series II	8	10	12	14	16	18	20	22	24			Size Code	08	10	12	14	16	18	20	22	24						
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38999 Series II	8	10	12	14	16	18	20	22	24																																											
Size Code	08	10	12	14	16	18	20	22	24																																											
Entry Size	See Table 1																																																			
Strain Relief	L	Saddle Clamp																																																		

TABLE 1: ENTRY SIZE

Entry Size	L Max in	L Max mm	Cable Entry				No. of Slots	Shell Size Range
			Min. in	Min. mm	Max. in	Max. mm		
02	.968	24.6	.125	3.2	.250	6.4	3	08-24
03	1.046	26.6	.250	6.4	.375	9.5	4	10-24
04	1.156	29.4	.375	9.5	.500	12.7	6	12-24
05	1.218	30.9	.500	12.7	.625	15.9	8	14-24
06	1.343	34.1	.625	15.9	.750	19.1	10	16-24
07	1.468	37.3	.750	19.1	.875	22.2	10	18-24
08	1.593	40.5	.875	22.2	1.000	25.4	12	20-24
09	1.718	43.6	.937	23.8	1.125	28.6	15	22-24
10	1.843	46.8	1.062	27.0	1.250	31.8	15	24



Shell Size	A Thread UNEF-2B	øB Max in	øB Max mm	Max. Entry Size
8/9	0.4375-28	.86	21.8	02
10/11	0.5625-24	.97	24.6	03
12/13	0.6875-24	1.11	28.2	04
14/15	0.8125-20	1.21	30.7	05
16/17	0.9375-20	1.35	34.3	06
18/19	1.0625-18	1.46	37.1	07
20/21	1.1875-18	1.60	40.6	08
22/23	1.3125-18	1.70	43.2	09
24/25	1.4375-18	1.84	46.7	10

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series I and II Connectors

400FC011 TAG Ring® Backshell, Self-Locking, Split, 90° Low Profile



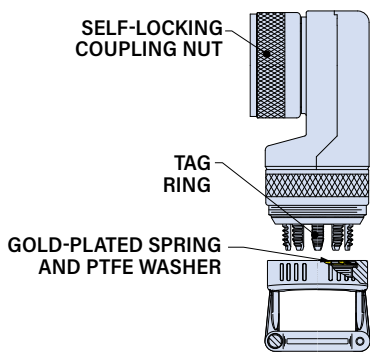
Self-Locking

Individual shield termination. Self-locking. 400FC011 backshell fits MIL-DTL-38999 Series I and Series II connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- Low profile "Cobra" configuration
- No tools required for disassembly and repair

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

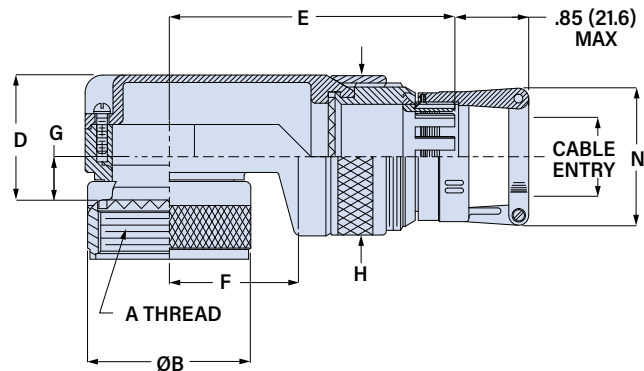


PART NUMBER

Base P/N	400FC011	ZR	20	05	L
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc				
Shell Size	38999 Series I 9 11 13 15 17 19 21 23 25 38999 Series II 8 10 12 14 16 18 20 22 24 Size Code 08 10 12 14 16 18 20 22 24				
Entry Size	See Table 1				
Strain Relief	L Saddle Clamp				

TABLE 1: ENTRY SIZE

Entry Size	N Max		Cable Entry				No. of Slots	Shell Size Range
	in	mm	Min. in	Min. mm	Max. in	Max. mm		
02	.969	24.6	.125	3.2	.250	6.4	3	08-24
03	1.046	26.6	.250	6.4	.375	9.5	4	10-24
04	1.156	29.4	.375	9.5	.500	12.7	6	14-24
05	1.218	30.9	.500	12.7	.625	15.9	8	16-24
06	1.344	34.1	.625	15.9	.750	19.1	10	22-24



Shell Size	A Thread	ØB Max.	D Max.	E Max.	F Ref.	G Ref.	± .031 (0.8)	± .031 (0.8)	± .031 (0.8)	Max. Entry Size
	UNE-F-2B	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	
8/9	0.4375-28	.86 21.8	.84 21.3	2.06 52.3	.500 12.7	.504 12.8	.666 16.9	.844 21.4	.688 17.5	02
10/11	0.5625-24	.97 24.6	.89 22.6	2.22 56.4	.650 16.5	.432 11.0	.825 21.0	.844 21.4	.812 20.6	03
12/13	0.6875-24	1.11 28.2	.89 22.6	2.22 56.4	.650 16.5	.432 11.0	.825 21.0	.844 21.4	.812 20.6	03
14/15	0.8125-20	1.21 30.7	.99 25.1	2.29 58.2	.720 18.3	.441 11.2	.925 23.5	.984 25.0	.942 23.9	04
16/17	0.9375-20	1.35 34.3	1.14 29.0	2.34 59.4	.770 19.6	.575 14.6	1.094 27.8	1.125 28.6	1.066 27.1	05
18/19	1.0625-18	1.46 37.1	1.34 34.0	2.37 60.2	.800 20.3	.796 20.2	1.094 27.8	1.344 34.1	1.066 27.1	05
20/21	1.1875-18	1.60 40.6	1.34 34.0	2.37 60.2	.800 20.3	.796 20.2	1.094 27.8	1.344 34.1	1.066 27.1	05
22/23	1.3125-18	1.70 43.2	1.34 34.0	2.52 64.0	.950 24.1	.695 17.7	1.187 30.1	1.469 37.3	1.192 30.3	06
24/25	1.4375-18	1.84 46.7	1.34 34.0	2.52 64.0	.950 24.1	.695 17.7	1.187 30.1	1.469 37.3	1.192 30.3	06

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series I and II Connectors

400FD011 TAG Ring® Backshell, Self-Locking, Split, 90°



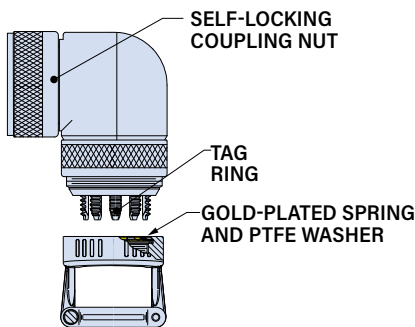
Self-Locking

Individual shield termination. Self-locking. 400FD011 backshell fits MIL-DTL-38999 Series I and Series II connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- No tools required for disassembly and repair

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II



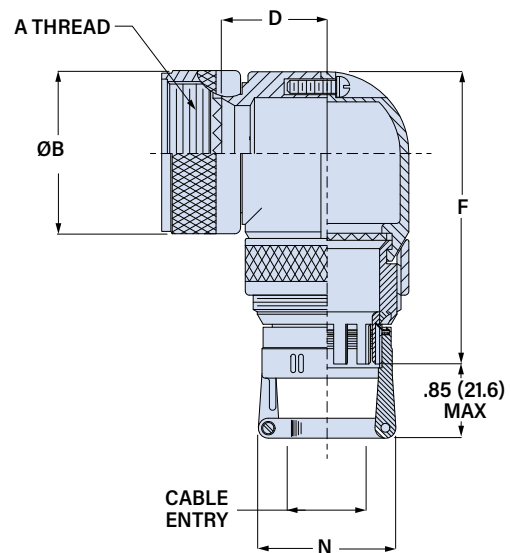
PART NUMBER

		400FD011	NF	22	09	L
Base P/N	400FD011					
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc					
Shell Size	38999 Series I 9 11 13 15 17 19 21 23 25 38999 Series II 8 10 12 14 16 18 20 22 24 Size Code 08 10 12 14 16 18 20 22 24					
Entry Size	See Table 1					
Strain Relief	L Saddle Clamp					

TABLE 1: ENTRY SIZE

Entry Size	Cable Entry						No. of Slots	Shell Size Range
	L Max in	L Max mm	Min. in	Min. mm	Max. in	Max. mm		
02	.968	24.6	.125	3.2	.250	6.4	3	8-24
03	1.046	26.6	.250	6.4	.375	9.5	4	10-24
04	1.156	29.4	.375	9.5	.500	12.7	6	12-24
05	1.218	30.9	.500	12.7	.625	15.9	8	14-24
06	1.343	34.1	.625	15.9	.750	19.1	10	16-24
07	1.468	37.3	.750	19.1	.875	22.2	10	18-24
08	1.593	40.5	.875	22.2	1.000	25.4	12	20-24
09	1.718	43.6	.937	23.8	1.125	28.6	15	22-24
10	1.843	46.8	1.062	27.0	1.250	31.8	15	24

Shell Size	A Thread UNEF-2B	øB Max. in	øB Max. mm	D Max. in	D Max. mm	F Max. in	F Max. mm	Max. Entry Size
8/9	0.4375-28	.86	21.8	.84	21.3	1.86	47.2	02
10/11	0.5625-24	.97	24.6	.91	23.1	1.98	50.3	03
12/13	0.6875-24	1.11	28.2	.97	24.6	2.11	53.6	04
14/15	0.8125-20	1.21	30.7	1.03	26.2	2.20	55.9	05
16/17	0.9375-20	1.35	34.3	1.09	27.7	2.36	59.9	06
18/19	1.0625-18	1.46	37.1	1.16	29.5	2.48	63.0	07
20/21	1.1875-18	1.60	40.6	1.22	31.0	2.61	66.3	08
22/23	1.3125-18	1.70	43.2	1.28	32.5	2.84	72.1	09
24/25	1.4375-18	1.84	46.7	1.34	34.0	2.95	74.9	10



Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series I and II Connectors

407F*037 TAG Ring® Backshell, Banding, Shrink Boot

Self-Locking

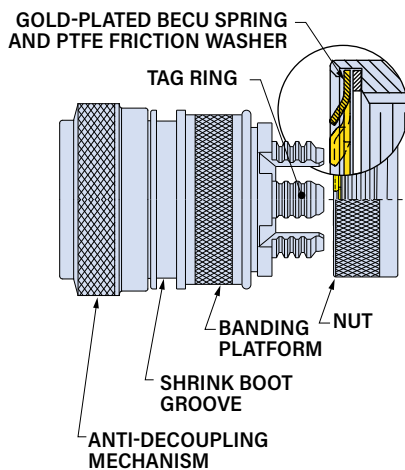


Self-locking. Boot groove. Banding platform. 407F*037 backshell fits MIL-DTL-38999 Series I and II connectors. Grounding ring has slots for individual cable shields. Attach overall cable shield to banding platform with BandMaster ATS strap (not supplied). Install shrink boot for strain relief and environmental sealing. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or SST. Gold plated copper alloy ground spring, PTFE washer. Silicone O-ring.

- Terminal-And-Grounding (TAG) ring for individual shields
- Banding platform for overall shield
- Gold-plated ground spring
- Self-locking coupling nut
- Groove for lipped shrink boot

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II



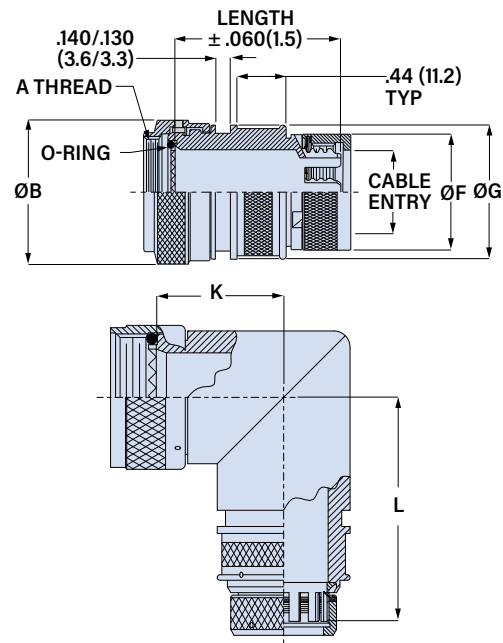
PART NUMBER

	407FS037	ZI	14	04	G	3	S																																						
Base P/N	407FS037 Straight 407FJ037 90°																																												
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivate																																												
Shell Size	<table border="1"> <tr> <td></td> <td colspan="7">Shell Size</td> </tr> <tr> <td>38999 Series I</td> <td>9</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> <tr> <td>38999 Series II</td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> <tr> <td>Size Code</td> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> </table>								Shell Size							38999 Series I	9	11	13	15	17	19	21	23	25	38999 Series II	8	10	12	14	16	18	20	22	24	Size Code	08	10	12	14	16	18	20	22	24
	Shell Size																																												
38999 Series I	9	11	13	15	17	19	21	23	25																																				
38999 Series II	8	10	12	14	16	18	20	22	24																																				
Size Code	08	10	12	14	16	18	20	22	24																																				
Entry Size	See Table 1																																												
Strain Relief	G Nut																																												
Length	3 1.5 inches 4 2.0 inches 5 2.5 inches 6 3.0 inches	Applies to straight profile only (407FS037)																																											
Self-Locking	S Self-Locking Coupling Nut																																												

TABLE 1: ENTRY SIZE

Entry Size	F Max in mm	G Max in mm	Cable Entry				No. of Slots	Shell Size Range
			Min. in mm	Max. in mm	Min. in mm	Max. in mm		
02	.545 13.8	.650 16.5	.125 3.2	.250 6.4	3	08-24		
03	.670 17.0	.774 19.7	.250 6.4	.375 9.5	4	10-24		
04	.795 20.2	.963 24.5	.375 9.5	.500 12.7	6	12-24		
05	.920 23.4	1.042 26.5	.500 9.5	.625 15.9	8	14-24		
06	1.045 26.5	1.217 30.9	.625 12.7	.750 19.1	10	16-24		
07	1.170 29.7	1.355 34.4	.750 19.1	.875 22.2	10	18-24		
08	1.295 32.9	1.443 36.7	.875 22.2	1.000 25.4	12	20-24		
09	1.420 36.1	1.709 43.4	.937 23.8	1.125 28.6	15	22-24		
10	1.670 42.4	1.919 48.7	1.062 27.0	1.250 31.8	15	24		

Shell Size	A Thread UNEF-2B	øB Max. in mm	K Max. in mm	L Max. in mm	Max. Entry Size
8/9	0.4375-28	.86 21.8	.906 23.0	2.35 59.7	02
10/11	0.5625-24	.97 24.6	.966 24.5	2.41 61.2	03
12/13	0.6875-24	1.11 28.2	1.026 26.1	2.47 62.7	04
14/15	0.8125-20	1.21 30.7	1.076 27.3	2.54 64.5	05
16/17	0.9375-20	1.35 34.3	1.136 28.9	2.60 66.0	06
18/19	1.0625-18	1.46 37.1	1.176 29.9	2.62 66.5	07
20/21	1.1875-18	1.60 40.6	1.236 31.4	2.68 68.1	08
22/23	1.3125-18	1.70 43.2	1.296 32.9	2.76 70.1	09
24/25	1.4375-18	1.84 46.7	1.356 34.4	2.83 71.9	10



Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series I and II Connectors

407F*061 TAG Ring® Composite Backshell, Banding, Shrink Boot



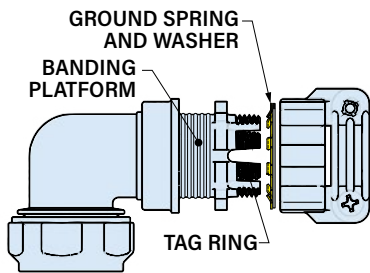
Self-Locking

Self-locking. Banding platform. Shrink boot accommodation. 407F*061 backshell fits MIL-DTL-38999 Series I and II connectors. Grounding ring has slots for individual cable shields. Attach overall cable shield to banding platform with BandMaster ATS strap (not supplied). Install shrink boot for strain relief and environmental sealing.

- Terminal-And-Grounding (TAG) ring for individual shields
- Banding platform for overall shield
- Gold-plated ground spring
- Self-locking coupling nut
- Groove for lipped shrink boot

Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II



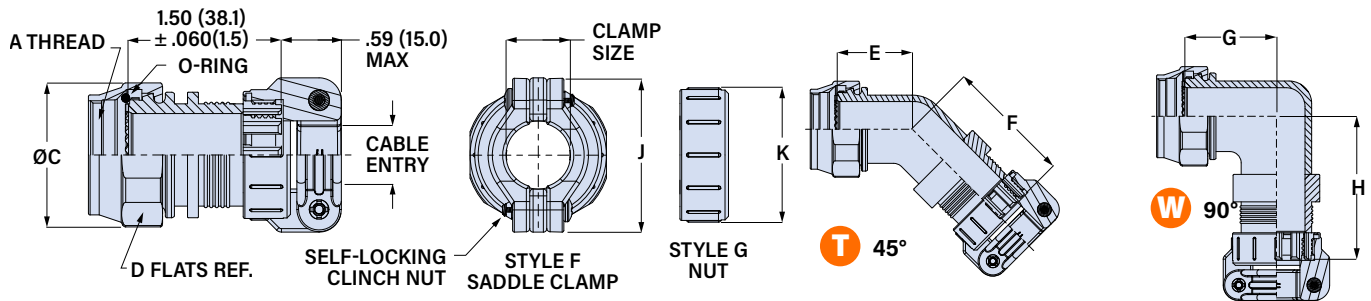
PART NUMBER

	407FS061	XMD	1414	G	3
Base P/N	Base Part No.	Profile	Shell Size		
	407FS061	S Straight	08-28		
	407FT061	T 45°	08-24		
	407FW061	W 90°	08-28		
Adapter Finish	XMD	Electroless Nickel			
	XWD	Cadmium, Olive Drab			
	XZD	Black Zinc-Nickel			
Shell Size/ Entry Size	Shell Size- Entry Size	Shell Size	Shell Size- Entry Size	Shell Size	
	0810	08	1816	18	
	1010	10	2018	20	
	1212	12	2220	22	
	1414	14	2424	24	
	1616	16			
Strain Relief	F	Saddle Clamp			
	G	Nut			
Length	3	1.5 inches		<i>Omit for 90° profile. Length code applies to straight profile only.</i>	

MATERIAL/FINISH

Adapter: Conductively plated thermoplastic
Coupling nut, strain relief: black composite thermoplastic
Ground spring: gold-plated copper alloy
Friction washer: PTFE
Saddle clamp hardware: SST
O-ring: silicone

S Straight



Shell Size/ Entry Size	Shell Size	A Thread UNEF-2B	øC Max. in mm	D Flats (ref)		E Max. in mm	F Max. in mm	G Max. in mm	H Max. in mm	J ± .06 (1.5) in mm	K ± .06 (1.5) in mm	Cable Entry		Clamp Size								
				in	mm							in	mm	in	mm	in	mm					
0810	8/9	0.4375-28	.86	21.8	.75	19.1	.841	21.4	1.75	44.5	.906	23.0	2.350	59.7	.94	23.9	.75	19.1	.24	6.1	.31	7.9
1010	10/11	0.5625-24	.98	24.9	.88	22.4	.875	22.2	1.78	45.2	.966	24.5	2.410	61.2	.94	23.9	.75	19.1	.24	6.1	.31	7.9
1212	12/13	0.6875-24	1.16	29.5	1.00	25.4	.870	22.1	1.80	45.7	1.026	26.1	2.470	62.7	1.17	29.7	.88	22.4	.37	9.4	.40	10.2
1414	14/15	0.8125-20	1.28	32.5	1.13	28.7	.878	22.3	1.83	46.5	1.076	27.3	2.540	64.5	1.28	32.5	1.00	25.4	.49	12.4	.52	13.2
1616	16/17	0.9375-20	1.41	35.8	1.25	31.8	.900	22.9	1.85	47.0	1.136	28.9	2.600	66.0	1.41	35.8	1.13	28.7	.62	15.7	.59	15.0
1816	18/19	1.0625-18	1.52	38.6	1.38	35.1	.910	23.1	1.87	47.5	1.176	29.9	2.620	66.5	1.41	35.8	1.13	28.7	.62	15.7	.59	15.0
2018	20/21	1.1875-18	1.64	41.7	1.50	38.1	.940	23.9	1.89	48.0	1.236	31.4	2.680	68.1	1.54	39.1	1.25	31.8	.74	18.8	.75	19.1
2220	22/23	1.3125-18	1.77	45.0	1.63	41.4	.980	24.9	1.93	49.0	1.296	32.9	2.760	70.1	1.66	42.2	1.38	35.1	.86	21.8	.83	21.1
2424	24/25	1.4375-18	1.89	48.0	1.75	44.5	1.010	25.7	1.96	49.8	1.356	34.4	2.830	71.9	1.89	48.0	1.63	41.4	1.12	28.4	.95	24.1

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series III and IV Connectors

400H*001 TAG Ring® Backshell

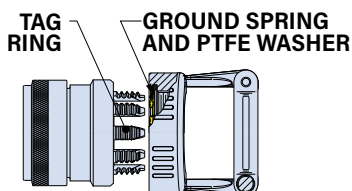


Individual shield termination. 400H*001 backshell fits MIL-DTL-38999 Series III and IV connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Saddle clamp strain relief
- 3 profiles: straight, 45° and 90°
- No tools required for disassembly and repair

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV



PROFILE SELECTION GUIDE

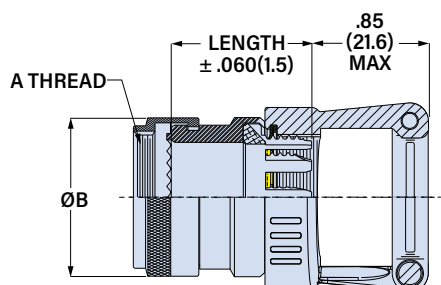
S Straight

A 90°

B 45°

PART NUMBER

400HS001	M	19	06	L	3	
Base P/N	Base Part No.	Profile				
	400HS001	S Straight				
	400HA001	A 90°				
	400HB001	B 45°				
Material/Finish	M Alum/ Electroless Nickel	MT Alum/ Nickel-PTFE				
	NF Alum/ Olive Drab Cadmium	ZR Alum/ Black Zinc-Nickel				
	TZ Alum/ Tin-Zinc					
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25				
		A B C D E F G H J				
	Size Code	09 11 13 15 17 19 21 23 25				
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*
	02	.250 (6.4)	09-25	07	.875 (22.2)	21-25
	03	.375 (9.5)	11-25	08	1.000 (25.4)	23-25
	04	.500 (12.2)	13-25	09	1.125 (28.6)	25
	05	.625 (15.9)	15-25	10	1.250 (31.8)	-
	06	.750 (19.1)	17-25			
<i>* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.</i>						
Strain Relief	L	Saddle Clamp				
Length	3	1.5 inches	<i>Applies to Profile S only.</i>			
	4	2.0 inches	<i>If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>			
	6	3.0 inches				

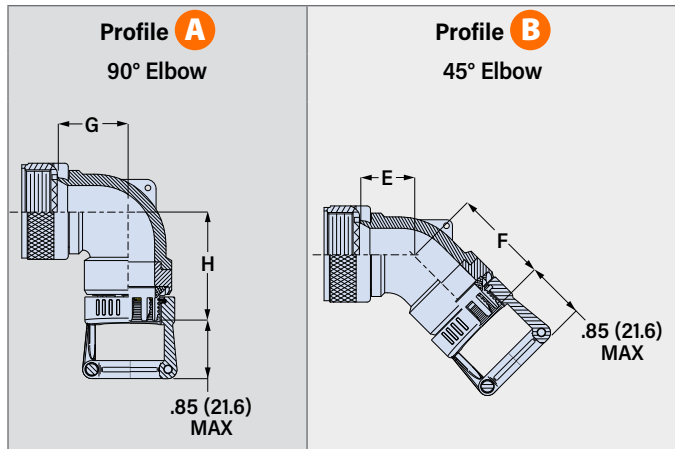


Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.77	19.6
11 (B)	M15X1.0-6H	.84	21.3
13 (C)	M18X1.0-6H	.96	24.4
15 (D)	M22X1.0-6H	1.09	27.7
17 (E)	M25X1.0-6H	1.23	31.2
19 (F)	M28X1.0-6H	1.36	34.5
21 (G)	M31X1.0-6H	1.48	37.6
23 (H)	M34X1.0-6H	1.60	40.6
25 (J)	M37X1.0-6H	1.72	43.7

Series 40 TAG Ring® Backshells

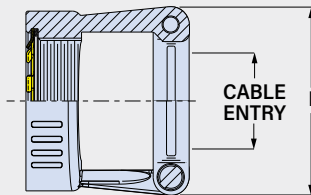
for MIL-DTL-38999 Series III and IV Connectors

400H*001 TAG Ring® Backshell



Shell Size	E Max		F Max		G Max		H Max	
	in	mm	in	mm	in	mm	in	mm
9 (A)	.457	11.6	1.660	42.2	.500	12.7	1.670	42.4
11 (B)	.520	13.2	1.720	43.7	.595	15.1	1.790	45.5
13 (C)	.582	14.8	1.780	45.2	.610	15.5	1.810	46.0
15 (D)	.645	16.4	1.870	47.5	.700	17.8	1.880	47.8
17 (E)	.738	18.7	1.980	50.3	.885	22.5	1.970	50.0
19 (F)	.926	23.5	2.170	55.1	.975	24.8	2.140	54.4
21 (G)	.926	23.5	2.170	55.1	.975	24.8	2.140	54.4
23 (H)	1.020	25.9	2.320	58.9	1.125	28.6	2.250	57.2
25 (J)	1.020	25.9	2.320	58.9	1.125	28.6	2.250	57.2

STRAIN RELIEF DIMENSIONS



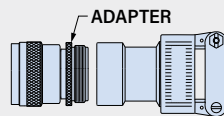
Entry Size	L Max		Cable Range			
	in	mm	Min.	in	mm	Max.
02	.968	24.6	.125	3.2	.250	6.4
03	1.046	26.6	.250	6.4	.375	9.5
04	1.156	29.4	.375	9.5	.500	12.7
05	1.218	30.9	.500	12.7	.625	15.9
06	1.343	34.1	.625	15.9	.750	19.1
07	1.468	37.3	.750	19.1	.875	22.2
08	1.593	40.5	.875	22.2	1.000	25.4
09	1.718	43.6	.937	23.8	1.125	28.6
10	1.843	46.8	1.062	27.0	1.250	31.8

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

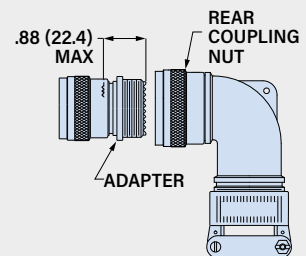
Shell Size	Maximum Entry Size
9 (A)	02
11 (B)	03
13 (C)	04
15 (D)	05
17 (E)	06
19 (F)	06
21 (G)	07
23 (H)	08
25 (J)	09

Style 2 Straight Backshell



The minimum length code increases from 3 (1.5 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the length increases by .88 inches.

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series III and IV Connectors

400HS011 TAG Ring® Backshell, Self-Locking, Low Profile



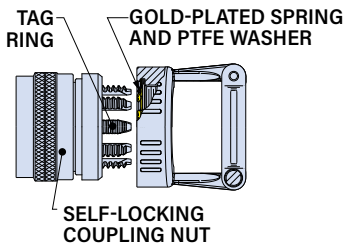
Self-Locking

Individual shield termination. Self-locking. 400HS011 backshell fits MIL-DTL-38999 Series III and IV connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Aluminum alloy saddle clamp, SST hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- No tools required for disassembly and repair

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

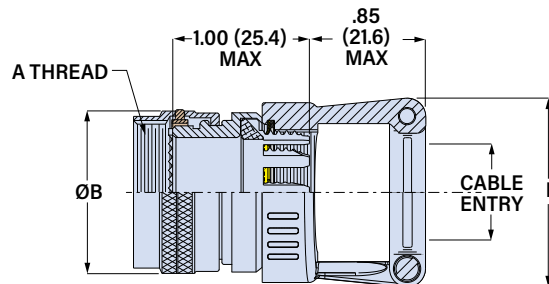


PART NUMBER

		400HS011	M	17	06	L				
Base P/N	400HS011									
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Strain Relief	L Saddle Clamp									

TABLE 1: ENTRY SIZE

Entry Size	L Max	Cable Entry					No. of Slots	Shell Size Range
		in	mm	Min. in	mm	Max. in		
02	.968	24.6	.125	3.2	.250	6.4	3	09-25
03	1.046	26.6	.250	6.4	.375	9.5	4	11-25
04	1.156	29.4	.375	9.5	.500	12.7	6	13-25
05	1.218	30.9	.500	12.7	.625	15.9	8	15-25
06	1.343	34.1	.625	15.9	.750	19.1	10	17-25
07	1.468	37.3	.750	19.1	.875	22.2	10	19-25
08	1.593	40.5	.875	22.2	1.000	25.4	12	21-25
09	1.718	43.6	.937	23.8	1.125	28.6	15	23-25
10	1.843	46.8	1.062	27.0	1.250	31.8	15	25



Shell Size	A Thread	in	ØB Max mm	Max. Entry Size
9 (A)	M12X1.0-6H	.94	23.9	02
11 (B)	M15X1.0-6H	1.06	26.9	03
13 (C)	M18X1.0-6H	1.17	29.7	04
15 (D)	M22X1.0-6H	1.29	32.8	05
17 (E)	M25X1.0-6H	1.42	36.1	06
19 (F)	M28X1.0-6H	1.54	39.1	07
21 (G)	M31X1.0-6H	1.67	42.4	08
23 (H)	M34X1.0-6H	2.01	51.1	09
25 (J)	M37X1.0-6H	2.12	53.8	10

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series III and IV Connectors

400HC011 TAG Ring® Backshell, Self-Locking, Split, 90° Low Profile



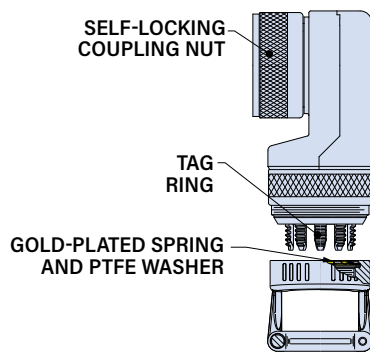
Self-Locking

Individual shield termination. Self-locking. 400HC011 backshell fits MIL-DTL-38999 Series III and Series IV connectors. Non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- Low profile "Cobra" configuration
- No tools required for disassembly and repair

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

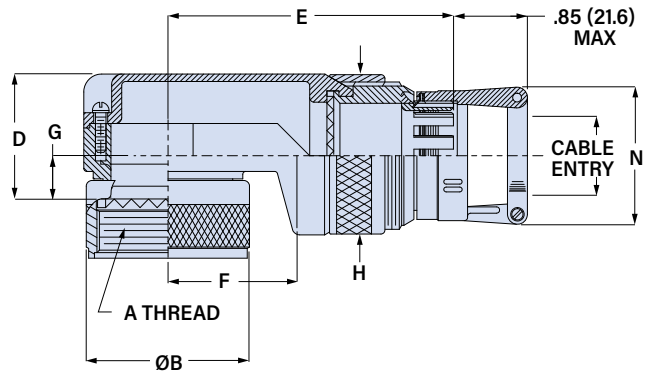


PART NUMBER

		400HC011	ZR	21	06	L				
Base P/N	400HC011									
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Strain Relief	L Saddle Clamp, Light Duty									

TABLE 1: ENTRY SIZE

Entry Size	L Max in	L Max mm	Cable Entry			No. of Slots	Shell Size Range	
			Min. in	Min. mm	Max. mm			
02	.969	24.6	.125	3.2	.250	6.4	3	09-25
03	1.046	26.6	.250	6.4	.375	9.5	4	11-25
04	1.156	29.4	.375	9.5	.500	12.7	6	15-25
05	1.218	30.9	.500	12.7	.625	15.9	8	17-25
06	1.344	34.1	.625	15.9	.750	19.1	10	23-25



DIMENSIONS

Shell Size	A Thread	ØB Max		D Max.	E Max.	F Ref.	G Ref.	øH		øJ		øK		Max. Entry Size				
		in	mm					± .031 (0.8)	mm	± .031 (0.8)	mm	± .031 (0.8)	mm					
9 (A)	M12X1.0-6H	.94	24.8	.84	21.3	2.06	52.3	.500	12.7	.666	16.9	.844	21.4	.688	17.5	02		
11 (B)	M15X1.0-6H	1.06	26.9	.89	22.6	2.22	56.4	.650	16.5	.432	11.0	.825	21.0	.844	21.4	.812	20.6	03
13 (C)	M18X1.0-6H	1.17	29.7	.89	22.6	2.22	56.4	.650	16.5	.432	11.0	.825	21.0	.844	21.4	.812	20.6	03
15 (D)	M22X1.0-6H	1.29	32.7	.99	25.1	2.29	58.2	.720	18.3	.441	11.2	.925	23.5	.984	25.0	.942	23.9	04
17 (E)	M25X1.0-6H	1.42	36.1	1.14	29.0	2.34	59.4	.770	19.6	.575	14.6	1.094	27.8	1.125	28.6	1.066	27.1	05
19 (F)	M28X1.0-6H	1.54	39.1	1.34	34.0	2.37	60.2	.800	20.3	.796	20.2	1.094	27.8	1.344	34.1	1.066	27.1	05
21 (G)	M31X1.0-6H	1.67	42.4	1.34	34.0	2.37	60.2	.800	20.3	.796	20.2	1.094	27.8	1.344	34.1	1.066	27.1	05
23 (H)	M34X1.0-6H	2.01	51.1	1.34	34.0	2.52	64.0	.950	24.1	.695	17.7	1.187	30.1	1.469	37.3	1.192	30.3	06
25 (J)	M37X1.0-6H	2.12	53.8	1.34	34.0	2.52	64.0	.950	24.1	.695	17.7	1.187	30.1	1.469	37.3	1.192	30.3	06

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series III and IV Connectors

400HD011 TAG Ring® Backshell, Self-Locking, Split, 90°



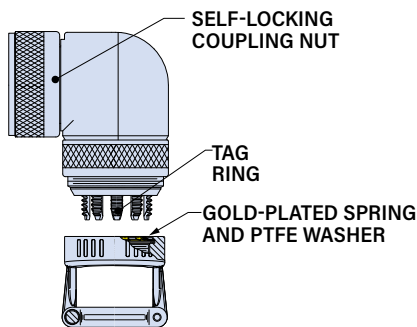
Self-Locking

Individual shield termination. Self-locking. 400HD011 backshell fits MIL-DTL-38999 Series III and Series IV connectors. Spin coupling, non-environmental. Grounding ring has slots for individual cable shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Coupling nut, adapter and ground ring are aluminum alloy. Gold plated copper alloy ground spring, PTFE washer. Saddle clamp is aluminum alloy with stainless steel hardware.

- Terminal-And-Grounding (TAG) ring for individual shields
- Gold-plated ground spring
- Self-locking coupling nut
- No tools required for disassembly and repair

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV



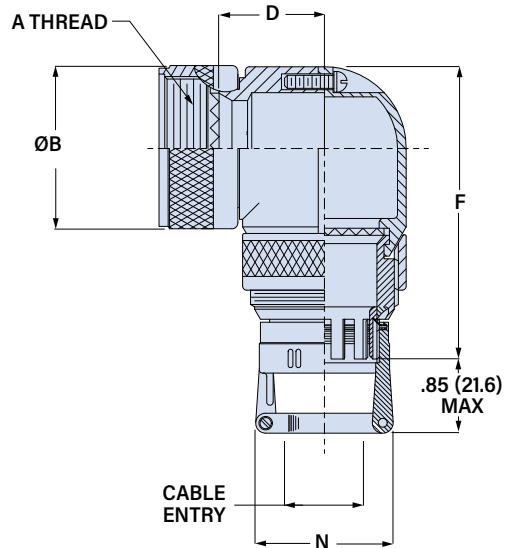
PART NUMBER

		400HD011	MT	11	03	L				
Base P/N	400HD011									
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
		A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Strain Relief	L	Saddle Clamp								

TABLE 1: ENTRY SIZE

Entry Size	L Max in	Cable Entry		No. of Slots	Shell Size Range
		Min. in	Max. in		
02	.968	24.6	.125 3.2	.250 6.4	3 09-25
03	1.046	26.6	.250 6.4	.375 9.5	4 11-25
04	1.156	29.4	.375 9.5	.500 12.7	6 13-25
05	1.218	30.9	.500 12.7	.625 15.9	8 15-25
06	1.343	34.1	.625 15.9	.750 19.1	10 17-25
07	1.468	37.3	.750 19.1	.875 22.2	10 19-25
08	1.593	40.5	.875 22.2	1.000 25.4	12 21-25
09	1.718	43.6	.937 23.8	1.125 28.6	15 23-25
10	1.843	46.8	1.062 27.0	1.250 31.8	15 25

Shell Size	A Thread	øB Max in	mm	D Max. in	mm	F Max. in	mm	Max. Entry Size
9 (A)	M12X1.0-6H	.94	23.9	.84	21.3	1.86	47.2	02
11 (B)	M15X1.0-6H	1.06	26.9	.91	23.1	1.98	50.3	03
13 (C)	M18X1.0-6H	1.17	29.7	.97	24.6	2.11	53.6	04
15 (D)	M22X1.0-6H	1.29	32.8	1.03	26.2	2.20	55.9	05
17 (E)	M25X1.0-6H	1.42	36.1	1.09	27.7	2.36	59.9	06
19 (F)	M28X1.0-6H	1.54	39.1	1.16	29.5	2.48	63.0	07
21 (G)	M31X1.0-6H	1.67	42.4	1.22	31.0	2.61	66.3	08
23 (H)	M34X1.0-6H	2.01	51.1	1.28	32.5	2.84	72.1	09
25 (J)	M37X1.0-6H	2.12	53.8	1.34	34.0	2.95	74.9	10



Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series III and IV Connectors

407H*037 TAG Ring® Backshell, Banding, Shrink Boot



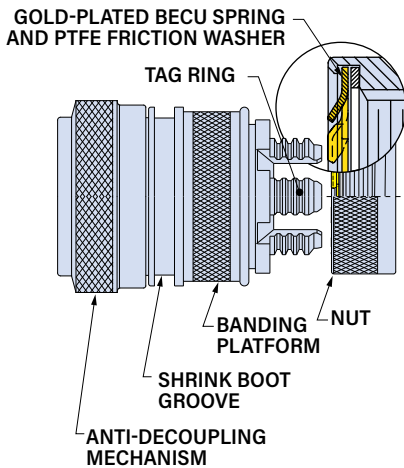
Self-Locking

Self-locking. Boot groove. Banding platform. 407H*037 backshell fits MIL-DTL-38999 Series III and IV connectors. Grounding ring has slots for individual cable shields. Attach overall cable shield to banding platform with BandMaster ATS strap (not supplied). Install shrink boot for strain relief and environmental sealing. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or SST. Gold plated copper alloy ground spring, PTFE washer.

- Terminal-And-Grounding (TAG) ring for individual shields
- Banding platform for overall shield
- Gold-plated ground spring
- Self-locking coupling nut
- Groove for lipped shrink boot

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV



PART NUMBER

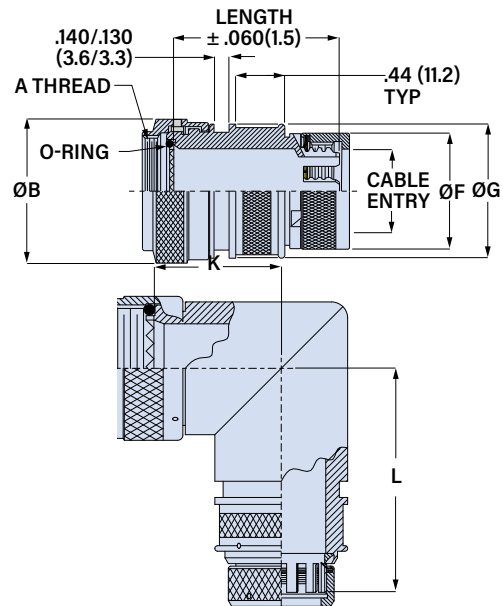
407HS037 Z1 13 03 G 3 S

Base P/N	407HS037 Straight 407HJ037 90°
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc Z1 SST/ Passivate
Shell Size	Shell Size: 9 11 13 15 17 19 21 23 25 Size Code: 09 11 13 15 17 19 21 23 25
Entry Size	See Table 1
Strain Relief	G Nut
Length	3 1.5 inches 4 2.0 inches 5 2.5 inches 6 3.0 inches <i>Applies to 407HS037 only.</i>
Self-Locking	S Self-Locking Coupling Nut

TABLE 1: ENTRY SIZE

Entry Size	F Max in mm	G Max in mm	Cable Entry				No. of Slots	Shell Size Range
			Min. in mm	Max. in mm	in mm	in mm		
02	.545 13.8	.650 16.5	.125 3.2	.250 6.4	6.4	3	09-25	
03	.670 17.0	.774 19.7	.250 6.4	.375 9.5	9.5	4	11-25	
04	.795 20.2	.963 24.5	.375 9.5	.500 12.7	12.7	6	13-25	
05	.920 23.4	1.042 26.5	.500 12.7	.625 15.9	15.9	8	15-25	
06	1.045 26.5	1.217 30.9	.625 15.9	.750 19.1	19.1	10	17-25	
07	1.170 29.7	1.355 34.4	.750 19.1	.875 22.2	22.2	10	21-25	
08	1.295 32.9	1.443 36.7	.875 22.2	1.000 25.4	25.4	12	23-25	
09	1.420 36.1	1.709 43.4	.937 23.8	1.125 28.6	28.6	15	25	

Shell Size	A Thread	øB Max in mm	K Max. in mm	L Max. in mm	Max. Entry Size
9 (A)	M12X1.0-6H	.94 23.9	.906 23.0	2.35 59.7	02
11 (B)	M15X1.0-6H	1.06 26.9	.966 24.5	2.41 61.2	03
13 (C)	M18X1.0-6H	1.17 29.7	1.026 26.1	2.47 62.7	04
15 (D)	M22X1.0-6H	1.29 32.8	1.076 27.3	2.54 64.5	05
17 (E)	M25X1.0-6H	1.42 36.1	1.136 28.9	2.60 66.0	06
19 (F)	M28X1.0-6H	1.54 39.1	1.176 29.9	2.62 66.5	07
21 (G)	M31X1.0-6H	1.67 42.4	1.236 31.4	2.68 68.1	08
23 (H)	M34X1.0-6H	2.01 51.1	1.296 32.9	2.76 70.1	09
25 (J)	M37X1.0-6H	2.12 53.8	1.356 34.4	2.83 71.9	10



Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series III and IV Connectors

407H*061 TAG Ring® Composite Backshell, Banding, Shrink Boot

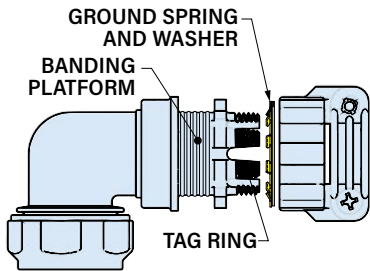


Self-locking. Banding platform. Shrink boot accommodation. 407H*061 backshell fits MIL-DTL-38999 Series III and IV connectors. Grounding ring has slots for individual cable shields. Attach overall cable shield to banding platform with BandMaster ATS strap (not supplied). Install shrink boot for strain relief and environmental sealing.

- Terminal-And-Grounding (TAG) ring for individual shields
- Banding platform for overall shield
- Gold-plated ground spring
- Self-locking coupling nut
- Groove for lipped shrink boot

Adapter Code H

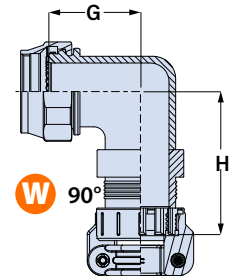
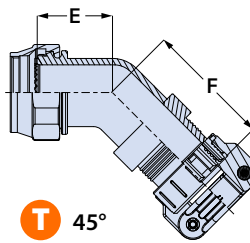
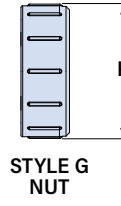
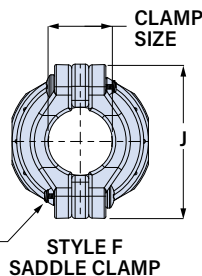
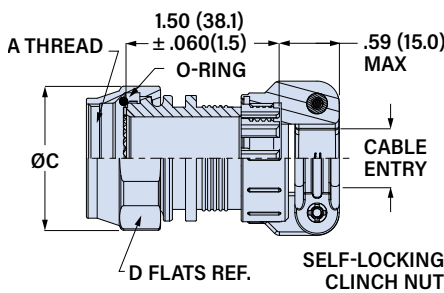
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV



MATERIAL/FINISH

Adapter: Conductively plated thermoplastic
Coupling nut, strain relief: black composite thermoplastic
Ground spring: gold-plated copper alloy
Friction washer: PTFE
Saddle clamp hardware: SST
O-ring: silicone

S Straight



Shell Size/ Entry Size	Shell Size	A Thread UNEF-2B	øC Max. in mm	D Flats (ref)		E Max. in mm	F Max. in mm	G Max. in mm	H Max. in mm	J ±.06 (1.5)		K ±.06 (1.5)		Cable Entry ±.06 (1.5)		Clamp Size ±.06 (1.5)		
				in	mm					in	mm	in	mm	in	mm	in	mm	in
0910	9 (A)	M12X1.0-6H	.86 21.8	.75 19.1	.841 21.4	1.75 44.5	.906 23.0	2.350 59.7	.94 23.9	.75 19.1	.24 6.1	.31 7.9						
1110	11 (B)	M15X1.0-6H	.98 24.9	.88 22.4	.875 22.2	1.78 45.2	.966 24.5	2.410 61.2	.94 23.9	.75 19.1	.24 6.1	.31 7.9						
1312	13 (C)	M18X1.0-6H	1.16 29.5	1.00 25.4	.870 22.1	1.80 45.7	1.026 26.1	2.470 62.7	1.17 29.7	.88 22.4	.37 9.4	.40 10.2						
1514	15 (D)	M22X1.0-6H	1.28 32.5	1.13 28.7	.878 22.3	1.83 46.5	1.076 27.3	2.540 64.5	1.28 32.5	1.00 25.4	.49 12.4	.52 13.2						
1716	17 (E)	M25X1.0-6H	1.41 35.8	1.25 31.8	.900 22.9	1.85 47.0	1.136 28.9	2.600 66.0	1.41 35.8	1.13 28.7	.62 15.7	.59 15.0						
1916	19 (F)	M28X1.0-6H	1.52 38.6	1.38 35.1	.910 23.1	1.87 47.5	1.176 29.9	2.620 66.5	1.41 35.8	1.13 28.7	.62 15.7	.59 15.0						
2118	21 (G)	M31X1.0-6H	1.64 41.7	1.50 38.1	.940 23.9	1.89 48.0	1.236 31.4	2.680 68.1	1.54 39.1	1.25 31.8	.74 18.8	.75 19.1						
2320	23 (H)	M34X1.0-6H	1.77 45.0	1.63 41.4	.980 24.9	1.93 49.0	1.296 32.9	2.760 70.1	1.66 42.2	1.38 35.1	.86 21.8	.83 21.1						
2524	25 (J)	M37X1.0-6H	1.89 48.0	1.75 44.5	1.010 25.7	1.96 49.8	1.356 34.4	2.830 71.9	1.89 48.0	1.63 41.4	1.12 28.4	.95 24.1						

PART NUMBER

	407HS061	XMD	1414	G	3
Base P/N	407HS061 Straight 407HT061 45° 407HW061 90°				
Adapter Finish	XMD Electroless Nickel XWD Cadmium, Olive Drab XZD Black Zinc-Nickel				
Shell Size/ Entry Size	Shell Size- Entry Size	Shell Size	Shell Size- Entry Size	Shell Size	
	0910 9 1110 11 1312 13 1514 15 1716 17		1916 19 2118 21 2320 23 2524 25		
Strain Relief	F Saddle Clamp G Nut				
Length	3 1.5 inches				Omit for 90° profile. Length code applies to straight profile only.

Series 42 LFMC Conduit Adapters

Selection Guide

Series 42 LFMC Conduit Adapters

Series 42 LFMC conduit adapters fit standard mil spec circular electrical connectors. These adapters are compatible with Liquid-tight Flexible Metal Conduit (LFMC), including Sealtite® Type UA. Grounding ferrule slips over conduit end. When adapter nut is tightened, ferrule compresses onto metal conduit core and jacket for grounding and environmental sealing.

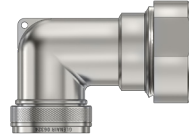


- Use with Liquid-tight Flexible Metal Conduit (LFMC)
- Compression ferrule provides secure grounding and watertight seal

Adapter Code

A

AS50151 crimp
AS95234
MIL-DTL-26482 Ser. II
MIL-DTL-83723 Ser. III

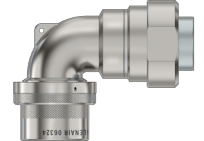


LFMC Conduit Adapter,
Spin Coupling
420A*001
Page 40-2

Adapter Code

B

AS50151 Solder



LFMC Conduit Adapter,
Direct Coupling
420B*002
Page 40-4

Adapter Code

D

MIL-DTL-26482
Series I

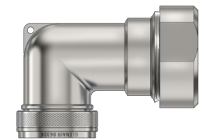


LFMC Conduit Adapter,
Direct Coupling
420D*002
Page 40-6

Adapter Code

F

MIL-DTL-38999
Series I and II

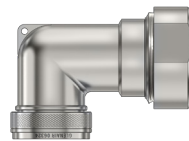


LFMC Conduit Adapter,
Spin Coupling
420F*001
Page 40-8

Adapter Code

H

MIL-DTL-38999
Series III and IV

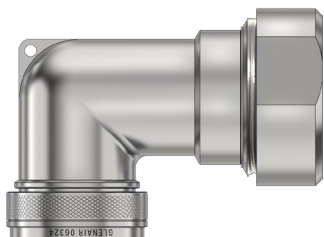


LFMC Conduit Adapter,
Spin Coupling
420H*001
Page 40-10

Series 42 LFMC Conduit Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

420A*001 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Watertight. Grounded. Spin coupling. 420A*001 adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Spin coupling, environmental. Compatible with LFMC liquid-tight flexible metal conduit conforming to UL 360. Install grounding ferrule onto conduit, then tighten nut until ferrule is compressed onto metal core and jacket. Aluminum or stainless steel. Ferrule is zinc-plated steel (trade size 1 or smaller) or aluminum (trade size 1¼ or larger).

Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

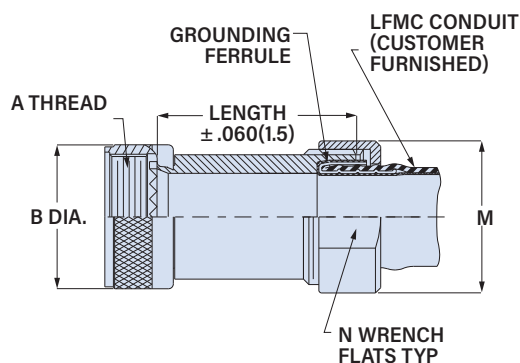
PROFILE SELECTION GUIDE

S Straight	
A 90°	B 45°
J 90°	H 45°

PART NUMBER

420AS001 M 18 03 -3

Base P/N	Base Part No.	Profile				
	420AS001	S Straight				
	420AA001	A 90°				
	420AB001	B 45°				
	420AH001	H 45° Cut/Weld				
	420AJ001	J 90° Cut/Weld				
Material/Finish	M	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/Passivate (Profiles H, J, S only)				
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36					
Conduit Size	Size Code	Conduit Trade Size	Conduit Diameter (ref.)			
			Inside		Outside	
			in	mm	in	mm
	01	⅜	.484/.504	12.3/12.8	.690/.710	17.5/18.0
	02	½	.622/.642	15.8/16.3	.820/.840	20.8/21.3
	03	¾	.820/.840	20.8/21.3	1.030/1.050	26.2/26.7
	04	1	1.040/1.066	26.4/27.1	1.290/1.315	32.8/33.4
	05	1¼	1.380/1.410	35.1/35.8	1.630/1.660	41.4/42.2
06	1½	1.575/1.600	40.0/40.6	1.875/1.900	47.6/48.3	
07	2	2.020/2.045	51.3/51.9	2.350/2.375	59.7/60.3	
Length	-3	1.5 inches	<i>Applies to Profile S only. Length in ½ inch increments.</i>			
	-4	2.0 inches				
	-6	3.0 inches				



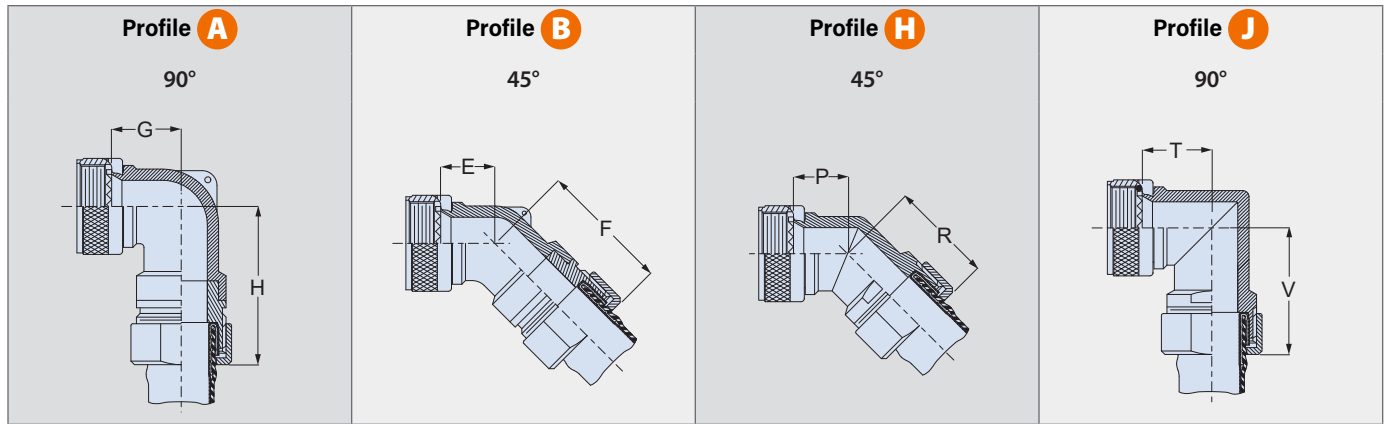
Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.65	16.5
10	0.625-24 UNEF	.77	19.6
12	0.750-20 UNEF	.94	23.9
14	0.875-20 UNEF	1.07	27.2
16	1.000-20 UNEF	1.21	30.7
18	1.0625-18 UNEF	1.23	31.2
20	1.1875-18 UNEF	1.36	34.5
22	1.3125-18 UNEF	1.48	37.6
24	1.4375-18 UNEF	1.73	43.9
28	1.750-18 UNS	1.97	50.0
32	2.000-18 UNS	2.22	56.4
36	2.250-16 UN	2.47	62.7

Conduit Size Code	Trade Size	M Max		N Max	
		in	mm	in	mm
01	⅜	1.155	29.3	1.000	25.4
02	½	1.282	32.6	1.125	28.6
03	¾	1.531	38.9	1.375	34.9
04	1	1.781	45.2	1.625	41.3
05	1¼	2.218	56.3	2.062	52.4
06	1½	2.468	62.7	2.312	58.7
07	2	3.031	77.0	2.875	73.0

Series 42 LFMC Conduit Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

420A*001 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Shell Size	E Max		F Max		G Max		H Max		P Max		R Max		T Max		V Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.457	11.6	1.810	46.0	.500	12.7	1.820	46.2	.726	18.4	1.406	35.7	.858	21.8	1.538	39.1
10	.520	13.2	1.870	47.5	.595	15.1	1.940	49.3	.750	19.1	1.430	36.3	.917	23.3	1.597	40.6
12	.582	14.8	1.930	49.0	.610	15.5	1.960	49.8	.776	19.7	1.456	37.0	.979	24.9	1.659	42.1
14	.645	16.4	2.020	51.3	.700	17.8	2.030	51.6	.790	20.1	1.479	37.6	1.036	26.3	1.716	43.6
16	.738	18.7	2.130	54.1	.885	22.5	2.120	53.8	.825	21.0	1.505	38.2	1.099	27.9	1.779	45.2
18	.926	23.5	2.320	58.9	.975	24.8	2.290	58.2	.845	21.5	1.525	38.7	1.147	29.1	1.826	46.4
20	.926	23.5	2.320	58.9	.975	24.8	2.290	58.2	.873	22.2	1.553	39.4	1.215	30.9	1.895	48.1
22	1.020	25.9	2.470	62.7	1.125	28.6	2.400	61.0	.899	22.8	1.579	40.1	1.277	32.4	1.957	49.7
24	1.020	25.9	2.470	62.7	1.125	28.6	2.400	61.0	.925	23.5	1.605	40.8	1.340	34.0	2.020	51.3
28	1.145	29.1	2.520	64.0	1.225	31.1	2.570	65.3	.954	24.2	1.634	41.5	1.409	35.8	2.089	53.1
32	1.207	30.7	2.620	66.5	1.575	40.0	2.820	71.6	1.005	25.5	1.685	42.8	1.532	38.9	2.212	56.2
36	1.238	31.4	2.710	68.8	1.775	45.1	2.820	71.6	1.049	26.6	1.729	43.9	1.640	41.7	2.320	58.9

Series 42 LFMC Conduit Adapters

for AS50151 Solder Connectors

420B*002 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Adapter Code B

Fits AS50151 Series 1 AN Type solder Connectors . AS310*1, MS3100.

PROFILE SELECTION GUIDE

S Straight

A 90°

B 45°

Watertight. Grounded. Direct coupling. 420B*002 backshell fits AS50151 (MS5015) solder connectors. Direct coupling, environmental. Compatible with LFMC liquid-tight flexible metal conduit conforming to UL 360. Install grounding ferrule onto conduit, then tighten nut until ferrule is compressed onto metal core and jacket. Aluminum or stainless steel. Ferrule is zinc-plated steel (trade size 1 or smaller) or aluminum (1¼ or larger). O-ring and gasket are neoprene.

PART NUMBER

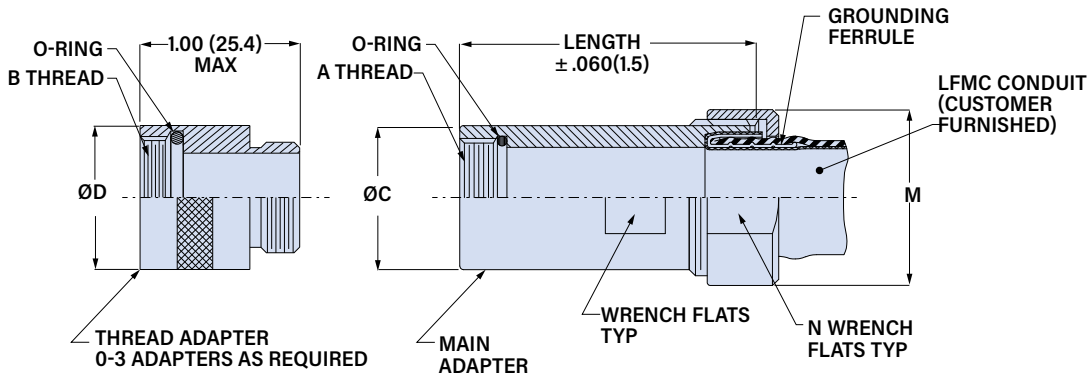
420BS002 M 16 02 -3 A

Base P/N	Base Part No. Profile						
	420BS002 S Straight						
	420BA002 A 90°						
	420BB002 B 45°						
Material/Finish	M Alum/ Electroless Nickel						
	MT Alum/ Nickel-PTFE						
	NF Alum/ Olive Drab Cadmium						
	ZR Alum/ Black Zinc-Nickel						
	TZ Alum/ Tin-Zinc						
	ZI SST/Passivate (Profile S only)						
Shell Size	Code Shell Size	Code Shell Size					
	05 10S	20 22					
	08 10SL	21 24					
	11 12, 12S	22 28					
	14 14, 14S	23 32					
	15 16, 16S	26 36					
	16 18	31 40					
	17 20						
	Conduit Size	Size Code	Conduit Trade Size	Conduit Diameter (ref.)			
				Inside		Outside	
			in	mm	in	mm	
01		⅜	.484/.504	12.3/12.8	.690/.710	17.5/18.0	
02		½	.622/.642	15.8/16.3	.820/.840	20.8/21.3	
03		¾	.820/.840	20.8/21.3	1.030/1.050	26.2/26.7	
04		1	1.040/1.066	26.4/27.1	1.290/1.315	32.8/33.4	
05		1 ¼	1.380/1.410	35.1/35.8	1.630/1.660	41.4/42.2	
06		1 ½	1.575/1.600	40.0/40.6	1.875/1.900	47.6/48.3	
07		2	2.020/2.045	51.3/51.9	2.350/2.375	59.7/60.3	
Length	-3	1.5 inches	Applies to Profile S only. Length in ½ inch increments.				
	-4	2.0 inches					
	-6	3.0 inches					
Connector Manufacturer Code	A	Universal	Compatible with all manufacturers. includes additional thread adapter(s) as necessary to fit multiple manufacturers. See following page for thread dimensions.				

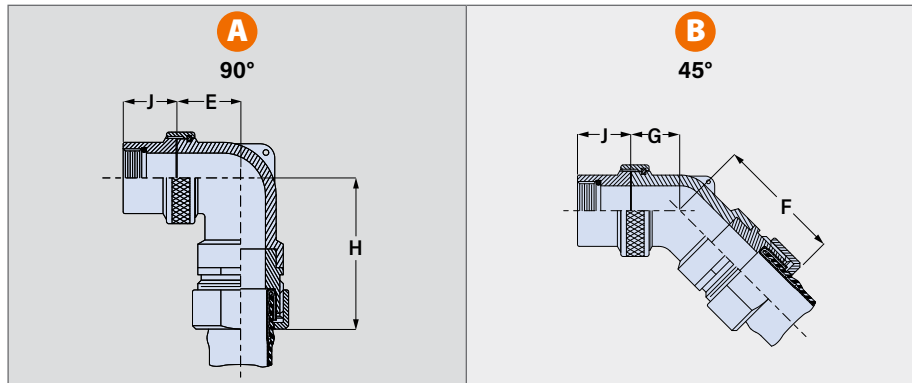
Series 42 LFMC Conduit Adapters

for AS50151 Solder Connectors

420B*002 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Shell Size Code	Shell Size	A Class 2B	No. of Thread Adapters	B Class 2B	øC Max		øD Max		J Max	
					in	mm	in	mm	in	mm
05	10S	0.5000-28 UNEF	1	0.5625-24 UNEF	.724	18.4	.687	17.4	1.250	31.8
08	10SL	0.5625-24 UNEF	1	0.6250-24 UNEF	.724	18.4	.687	17.4	1.250	31.8
11	12, 12S	0.6250-24 UNEF	1	0.6875-24 UNEF	.848	21.5	.812	20.6	1.250	31.8
14	14, 14S	0.7500-20 UNEF	0	N/A	.974	24.7	N/A	N/A	1.250	31.8
15	16, 16S	0.8750-20 UNEF	0	N/A	1.102	28.0	N/A	N/A	1.560	39.6
16	18	1.0000-20 UNEF	0	N/A	1.220	31.0	N/A	N/A	1.560	39.6
17	20	1.1250-18 UNEF	1	1.1250-24 UNS	1.343	34.1	1.312	33.3	1.560	39.6
20	22	1.2500-18 UNEF	0	N/A	1.343	34.1	N/A	N/A	1.560	39.6
21	24	1.3750-18 UNEF	0	N/A	1.468	37.3	N/A	N/A	1.560	39.6
22	28	1.6250-18 UNEF	0	N/A	1.593	40.5	N/A	N/A	1.560	39.6
23	32	1.8750-16 UN	1	1.90625-18 UNS	2.125	54.0	2.062	52.4	1.560	39.6
26	36	2.1250-16 UN	3	2.0625-16 UNS	2.375	60.3	2.312	58.7	1.560	39.6
				2.0625-20 UNEF						
				2.1250-18 UNS						
31	40	2.3750-16 UN	1	2.3125-16 UNS	2.625	66.7	2.562	65.1	1.560	39.6



Size Code	Conduit Trade Size	E Max		F Max		G Max		H Max		M Max		N Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
01	3/8	.630	16.0	1.870	47.5	.709	18.0	1.940	49.3	1.155	29.3	1.000	25.4
02	1/2	.692	17.6	1.930	49.0	.734	18.6	1.960	49.8	1.282	32.6	1.125	28.6
03	3/4	.848	21.5	2.130	54.1	.990	25.1	2.120	53.8	1.531	38.9	1.375	34.9
04	1	1.036	26.3	2.320	58.9	1.090	27.7	2.290	58.2	1.781	45.2	1.625	41.3
05	1 1/4	1.130	28.7	2.470	62.7	1.325	33.7	2.400	61.0	2.218	56.3	2.062	52.4
06	1 1/2	1.317	33.5	2.620	66.5	1.827	46.4	2.820	71.6	2.468	62.7	2.312	58.7
07	2	1.348	34.2	2.710	68.8	2.027	51.5	2.820	71.6	3.031	77.0	2.875	73.0

Series 42 LFMC Conduit Adapters

for MIL-DTL-26482 Series I Connectors

420D*002 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Adapter Code D

This accessory fits MIL-DTL-26482 Series I connectors

PROFILE SELECTION GUIDE

S Straight

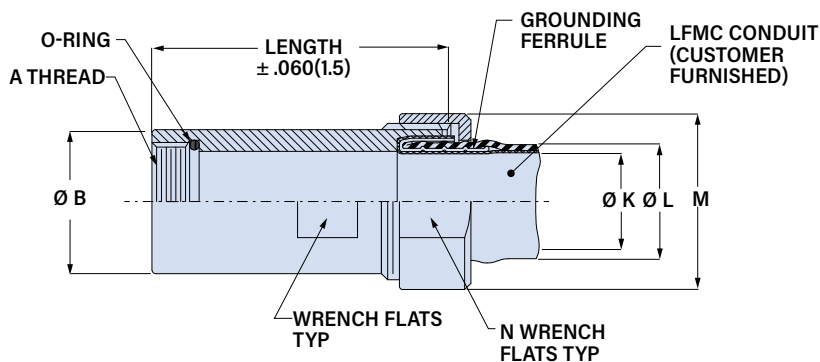
A 90°

B 45°

Watertight. Grounded. Direct coupling. 420D*002 backshell fits MIL-DTL-26482 Series I connectors. Direct coupling, environmental. Compatible with LFMC liquid-tight flexible metal conduit conforming to UL 360. Install grounding ferrule onto conduit, then tighten nut until ferrule is compressed onto metal core and jacket. Aluminum or stainless steel. Ferrule is zinc-plated steel (trade size 1 or smaller) or aluminum (1¼ or larger). O-ring and gasket are neoprene.

PART NUMBER

	420DS002	M	24	02	-4	
Base P/N	Base Part No.	Profile				
	420DS002	S	Straight			
	420DA002	A	90°			
	420DB002	B	45°			
Material/Finish	M	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/Passivate (Profile S only)				
Shell Size	08 10 12 14 16 18 20 22 24					
Conduit Size	Size Code	Conduit Trade Size	Conduit Diameter (ref.)			
			Inside		Outside	
			in	mm	in	mm
	01	3/8	.484/.504	12.3/12.8	.690/.710	17.5/18.0
	02	1/2	.622/.642	15.8/16.3	.820/.840	20.8/21.3
	03	3/4	.820/.840	20.8/21.3	1.030/1.050	26.2/26.7
	04	1	1.040/1.066	26.4/27.1	1.290/1.315	32.8/33.4
	05	1 1/4	1.380/1.410	35.1/35.8	1.630/1.660	41.4/42.2
06	1 1/2	1.575/1.600	40.0/40.6	1.875/1.900	47.6/48.3	
07	2	2.020/2.045	51.3/51.9	2.350/2.375	59.7/60.3	
Length	-3	1.5 inches				
	-4	2.0 inches				
	-6	3.0 inches				
		Applies to Profile S only. Length in 1/2 inch increments.				

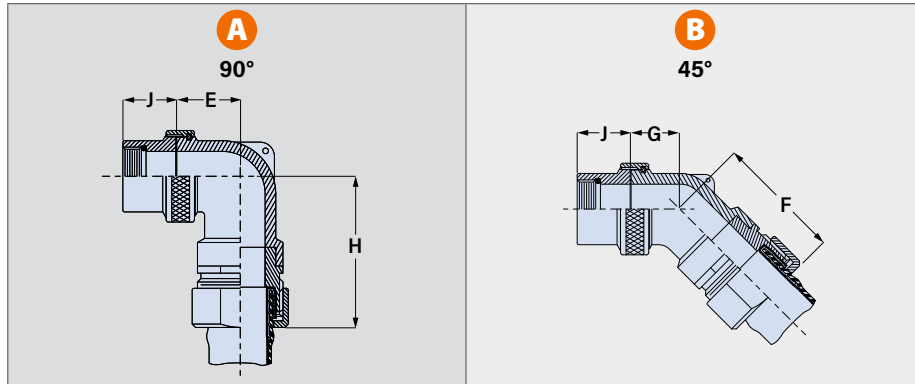


Shell Size	A Thread UNEF-2B	ØB Max		J Max	
		In	mm	In	mm
08	0.4375-28	.59	15.0	1.25	31.8
10	0.5625-24	.72	18.3	1.25	31.8
12	0.6875-24	.84	21.3	1.25	31.8
14	0.8125-20	.97	24.6	1.25	31.8
16	0.9375-20	1.09	27.7	1.56	39.6
18	1.0625-18	1.22	31.0	1.56	39.6
20	1.1875-18	1.34	34.0	1.56	39.6
22	1.3125-18	1.47	37.3	1.56	39.6
24	1.4375-18	1.59	40.4	1.56	39.6

Series 42 LFMC Conduit Adapters

for MIL-DTL-26482 Series I Connectors

420D*002 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Size Code	Conduit Trade Size	Conduit Diameter (Customer Supplied)															
		E Max		F Max		G Max		H Max		K Ref		L Ref		M Max		N Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
01	3/8	.630	16.0	1.870	47.5	.709	18.0	1.940	49.3	.484/504	12.3/12.8	.690/710	17.5/18.0	1.155	29.3	1.000	25.4
02	1/2	.692	17.6	1.930	49.0	.734	18.6	1.960	49.8	.622/642	15.8/16.3	.820/840	20.8/21.3	1.282	32.6	1.125	28.6
03	3/4	.848	21.5	2.130	54.1	.990	25.1	2.120	53.8	.820/840	20.8/21.3	1.030/1.050	26.2/26.7	1.531	38.9	1.375	34.9
04	1	1.036	26.3	2.320	58.9	1.090	27.7	2.290	58.2	1.040/1.066	26.4/27.1	1.290/1.315	32.8/33.4	1.781	45.2	1.625	41.3
05	1 1/4	1.130	28.7	2.470	62.7	1.325	33.7	2.400	61.0	1.380/1.410	35.1/35.8	1.630/1.660	41.4/42.2	2.218	56.3	2.062	52.4
06	1 1/2	1.317	33.5	2.620	66.5	1.827	46.4	2.820	71.6	1.575/1.600	40.0/40.6	1.875/1.900	47.6/48.3	2.468	62.7	2.312	58.7
07	2	1.348	34.2	2.710	68.8	2.027	51.5	2.820	71.6	2.020/2.045	51.3/51.9	2.350/2.375	59.7/60.3	3.031	77.0	2.875	73.0

Series 42 LFMC Conduit Adapters

for MIL-DTL-38999 Series I and II Connectors

420F*001 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILE SELECTION GUIDE

S Straight

A 90° **B** 45°

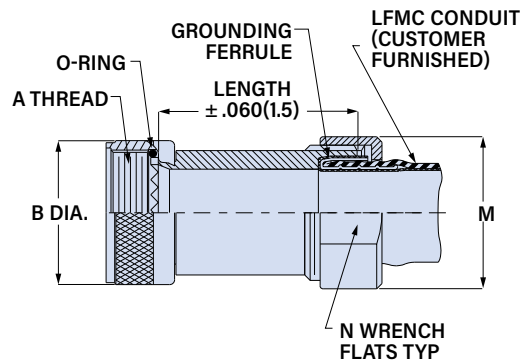
J 90° **H** 45°

Watertight. Grounded. Spin coupling. 420F*001 adapter fits MIL-DTL-38999 Series I and II connectors. Spin coupling, environmental. Compatible with LFMC liquid-tight flexible metal conduit conforming to UL 360. Install grounding ferrule onto conduit, then tighten nut until ferrule is compressed onto metal core and jacket. Aluminum or stainless steel. Ferrule is zinc-plated steel (trade size 1 or smaller) or aluminum (1¼ or larger). Neoprene O-ring.

PART NUMBER

420FS001 M 18 03 -3

Base P/N	Base Part No.	Profile								
	420FS001	S Straight								
	420FA001	A 90°								
	420FB001	B 45°								
	420FH001	H 45° Cut/Weld								
	420FJ001	J 90° Cut/Weld								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/Passivate (Profiles H, J, S only)								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Conduit Size	Size Code	Conduit Trade Size	Conduit Diameter (ref.)							
			Inside		Outside					
			in	mm	in	mm				
	01	⅜	.484/.504	12.3/12.8	.690/.710	17.5/18.0				
	02	½	.622/.642	15.8/16.3	.820/.840	20.8/21.3				
	03	¾	.820/.840	20.8/21.3	1.030/1.050	26.2/26.7				
	04	1	1.040/1.066	26.4/27.1	1.290/1.315	32.8/33.4				
	05	1 ¼	1.380/1.410	35.1/35.8	1.630/1.660	41.4/42.2				
06	1 ½	1.575/1.600	40.0/40.6	1.875/1.900	47.6/48.3					
07	2	2.020/2.045	51.3/51.9	2.350/2.375	59.7/60.3					
Length	-3	1.5 inches		<i>Applies to Profile S only. Length in ½ inch increments.</i>						
	-4	2.0 inches								
	-6	3.0 inches								



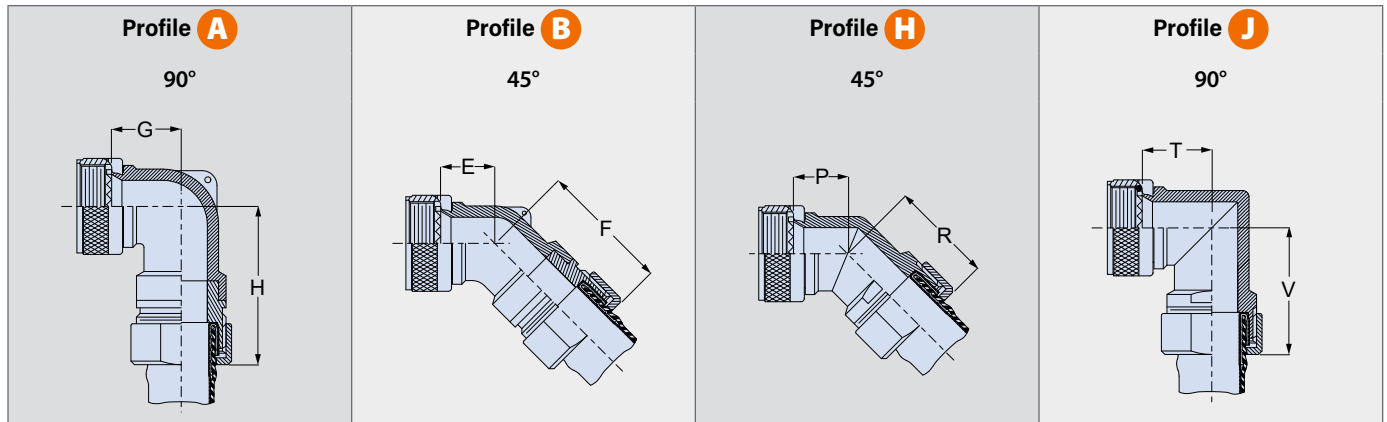
Shell Size	A Thread UNEF-2B	øB Max In	mm
8/9	0.4375-28	.650	16.5
10/11	0.5625-24	.770	19.6
12/13	0.6875-24	.890	22.6
14/15	0.8125-20	1.020	25.9
16/17	0.9375-20	1.150	29.2
18/19	1.0625-18	1.230	31.2
20/21	1.1875-18	1.360	34.5
22/23	1.3125-18	1.480	37.6
24/25	1.4375-18	1.730	43.9

Conduit Size Code	Conduit Trade Size	M Max		N Max	
		in	mm	in	mm
01	⅜	1.155	29.3	1.000	25.4
02	½	1.282	32.6	1.125	28.6
03	¾	1.531	38.9	1.375	34.9
04	1	1.781	45.2	1.625	41.3
05	1 ¼	2.218	56.3	2.062	52.4
06	1 ½	2.468	62.7	2.312	58.7
07	2	3.031	77.0	2.875	73.0

Series 42 LFMC Conduit Adapters

for MIL-DTL-38999 Series I and II Connectors

420F*001 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Shell Size	E Max		F Max		G Max		H Max		P Max		R Max		T Max		V Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	.457	11.6	1.810	46.0	.500	12.7	1.820	46.2	.726	18.4	1.406	35.7	.858	21.8	1.538	39.1
10/11	.520	13.2	1.870	47.5	.595	15.1	1.940	49.3	.750	19.1	1.430	36.3	.917	23.3	1.597	40.6
12/13	.582	14.8	1.930	49.0	.610	15.5	1.960	49.8	.776	19.7	1.456	37.0	.979	24.9	1.659	42.1
14/15	.645	16.4	2.020	51.3	.700	17.8	2.030	51.6	.796	20.2	1.479	37.6	1.036	26.3	1.716	43.6
16/17	.738	18.7	2.130	54.1	.885	22.5	2.120	53.8	.825	21.0	1.505	38.2	1.099	27.9	1.779	45.2
18/19	.926	23.5	2.320	58.9	.975	24.8	2.290	58.2	.845	21.5	1.525	38.7	1.147	29.1	1.826	46.4
20/21	.926	23.5	2.320	58.9	.975	24.8	2.290	58.2	.873	22.2	1.553	39.4	1.215	30.9	1.895	48.1
22/23	1.020	25.9	2.470	62.7	1.125	28.6	2.400	61.0	.899	22.8	1.579	40.1	1.277	32.4	1.957	49.7
24/25	1.020	25.9	2.470	62.7	1.125	28.6	2.400	61.0	.925	23.5	1.605	40.8	1.340	34.0	2.020	51.3

Series 42 LFMC Conduit Adapters

for MIL-DTL-38999 Series III and IV Connectors

420H*001 Adapter for LFMC Liquid-tight Flexible Metal Conduit



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

S Straight

A 90° **B** 45°

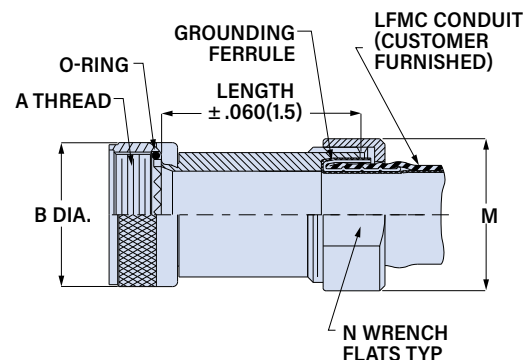
J 90° **H** 45°

Watertight. Grounded. Spin coupling. 420H*001 adapter fits MIL-DTL-38999 Series III and IV connectors. Spin coupling, environmental. Compatible with LFMC liquid-tight flexible metal conduit conforming to UL 360. Install grounding ferrule onto conduit, then tighten nut until ferrule is compressed onto metal core and jacket. Aluminum or stainless steel. Ferrule is zinc-plated steel (trade size 1 or smaller) or aluminum (1½ or larger). Neoprene O-ring.

PART NUMBER

420HS001 NF 17 02 -3

Base P/N	Base Part No.	Profile				
	420HS001	S Straight				
	420HA001	A 90°				
	420HB001	B 45°				
	420HH001	H 45° Cut/Weld				
	420HJ001	J 90° Cut/Weld				
Material/Finish	M	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/Passivate (Profiles H, J, S only)				
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25				
		A B C D E F G H J				
	Size Code	09 11 13 15 17 19 21 23 25				
Conduit Size	Size Code	Conduit Trade Size	Conduit Diameter (ref.)			
			Inside		Outside	
			in	mm	in	mm
	01	3/8	.484/.504	12.3/12.8	.690/.710	17.5/18.0
	02	1/2	.622/.642	15.8/16.3	.820/.840	20.8/21.3
	03	3/4	.820/.840	20.8/21.3	1.030/1.050	26.2/26.7
	04	1	1.040/1.066	26.4/27.1	1.290/1.315	32.8/33.4
	05	1 1/4	1.380/1.410	35.1/35.8	1.630/1.660	41.4/42.2
06	1 1/2	1.575/1.600	40.0/40.6	1.875/1.900	47.6/48.3	
07	2	2.020/2.045	51.3/51.9	2.350/2.375	59.7/60.3	
Length	-3	1.5 inches	Applies to Profile S only. Length in 1/2 inch increments.			
	-4	2.0 inches				
	-6	3.0 inches				



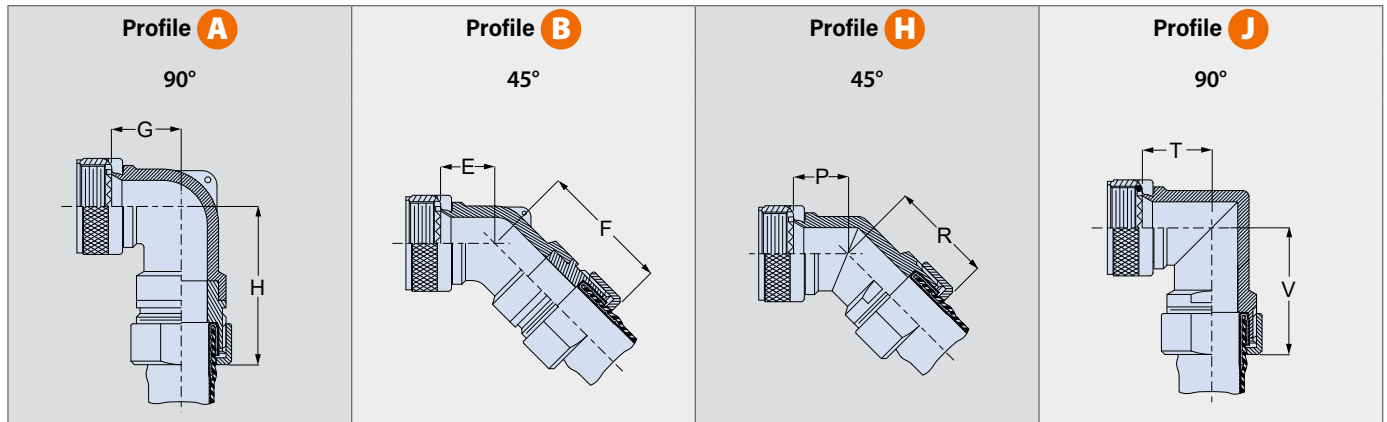
Shell Size	A Thread	øB Max in	øB Max mm
9 (A)	M12X1.0-6H	.770	19.6
11 (B)	M15X1.0-6H	.840	21.3
13 (C)	M18X1.0-6H	.960	24.4
15 (D)	M22X1.0-6H	1.090	27.7
17 (E)	M25X1.0-6H	1.230	31.2
19 (F)	M28X1.0-6H	1.360	34.5
21 (G)	M31X1.0-6H	1.480	37.6
23 (H)	M34X1.0-6H	1.600	40.6
25 (J)	M37X1.0-6H	1.720	43.7

Size Code	Conduit Trade Size	Conduit	
		M Max in	N Max mm
01	3/8	1155	29.3
02	1/2	1282	32.6
03	3/4	1531	38.9
04	1	1781	45.2
05	1 1/4	2218	56.3
06	1 1/2	2468	62.7
07	2	3031	77.0

Series 42 LFMC Conduit Adapters

for MIL-DTL-38999 Series III and IV Connectors

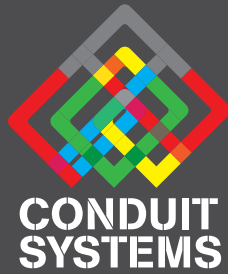
420H*001 Adapter for LFMC Liquid-tight Flexible Metal Conduit



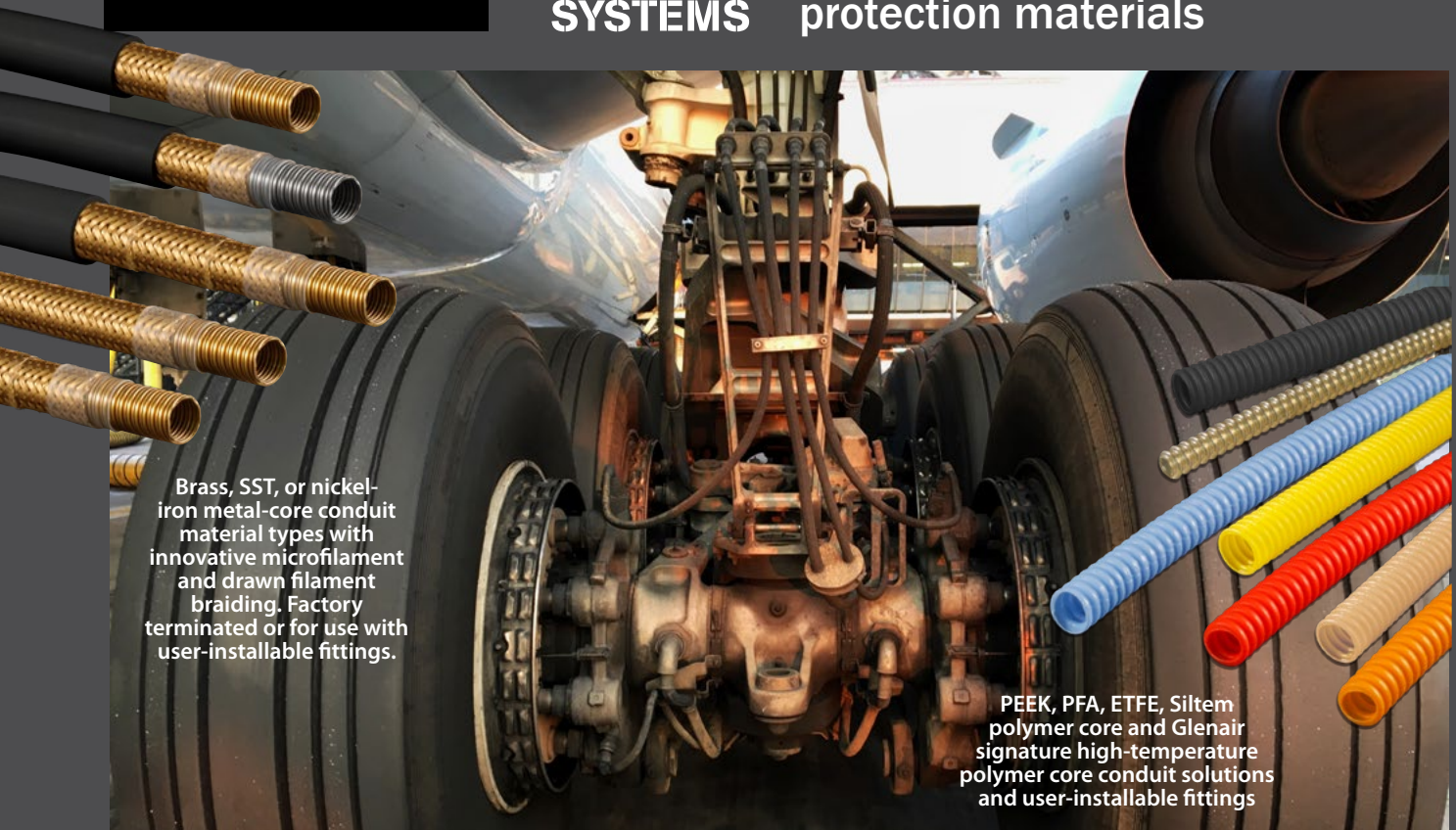
Shell Size	E Max		F Max		G Max		H Max		P Max		R Max		T Max		V Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.457	11.6	1.810	46.0	.500	12.7	1.820	46.2	.726	18.4	1.406	35.7	.858	21.8	1.538	39.1
11 (B)	.520	13.2	1.870	47.5	.595	15.1	1.940	49.3	.750	19.1	1.430	36.3	.917	23.3	1.597	40.6
13 (C)	.582	14.8	1.930	49.0	.610	15.5	1.960	49.8	.776	19.7	1.456	37.0	.979	24.9	1.659	42.1
15 (D)	.645	16.4	2.020	51.3	.700	17.8	2.030	51.6	.796	20.2	1.479	37.6	1.036	26.3	1.716	43.6
17 (E)	.738	18.7	2.130	54.1	.885	22.5	2.120	53.8	.825	21.0	1.505	38.2	1.099	27.9	1.779	45.2
19 (F)	.926	23.5	2.320	58.9	.975	24.8	2.290	58.2	.845	21.5	1.525	38.7	1.147	29.1	1.826	46.4
21 (G)	.926	23.5	2.320	58.9	.975	24.8	2.290	58.2	.873	22.2	1.553	39.4	1.215	30.9	1.895	48.1
23 (H)	1.020	25.9	2.470	62.7	1.125	28.6	2.400	61.0	.899	22.8	1.579	40.1	1.277	32.4	1.957	49.7
25 (J)	1.020	25.9	2.470	62.7	1.125	28.6	2.400	61.0	.925	23.5	1.605	40.8	1.340	34.0	2.020	51.3

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY



Conduit components and wired assemblies with innovative polymer and metal-core wire protection materials

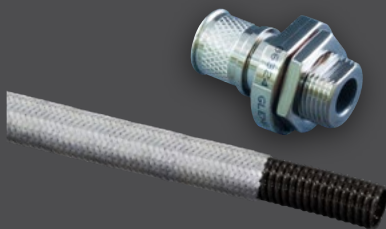


Brass, SST, or nickel-iron metal-core conduit material types with innovative microfilament and drawn filament braiding. Factory terminated or for use with user-installable fittings.

PEEK, PFA, ETFE, Siltem polymer core and Glenair signature high-temperature polymer core conduit solutions and user-installable fittings

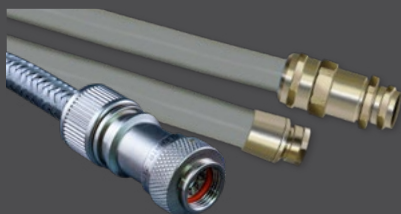
All of the metal-core conduit and polymer-core convoluted tubing systems we fabricate at Glenair may be wired and assembled at our factory with tamper-proof crimp ring or solder terminations according to customer requirements. Reduced size and weight factory terminated conduit assemblies offer the utmost in environmental ruggedness, reliability and durability. Certified factory assemblers and calibrated tooling guarantee reliable long-term performance. Glenair's expertise in wired conduit systems extends from simple point-to-point jumpers to complex multibranch assemblies as well as turnkey integrated systems and LRUs with flexible conduit interconnect cabling.

SERIES 74 HELICAL CONVOLUTED POLYMER-CORE TUBING AND FITTINGS



- Lightweight, flexible helical polymer-core materials and easy to install fittings, transitions and adapters
- Choice of five materials: ETFE, FEP, PFA, PTFE, and low-smoke, halogen-free PEEK
- Factory-terminated assemblies or user-installable configurations
- All popular part numbers in stock and ready for same-day shipment

SERIES 75 METAL-CORE CONDUIT AND FITTINGS



- Choice of three materials: Brass, Stainless Steel, and Nickel Iron Alloy
- Turnkey, factory-terminated assemblies for harsh environments
- All materials deliver superior EMC performance as well as crush resistance and environmental sealing

Series 44 Banding Backshells

Selection Guide

- Fast, reliable shield termination with Band-Master ATS® stainless steel band
- Available with self-locking coupling nuts for high vibration environments
- Nine styles to choose from
- Aluminum, stainless steel or composite
- Optional shrink boot
- Ultra low-profile 90° versions
- Compatible with standard mil spec circular electrical connectors

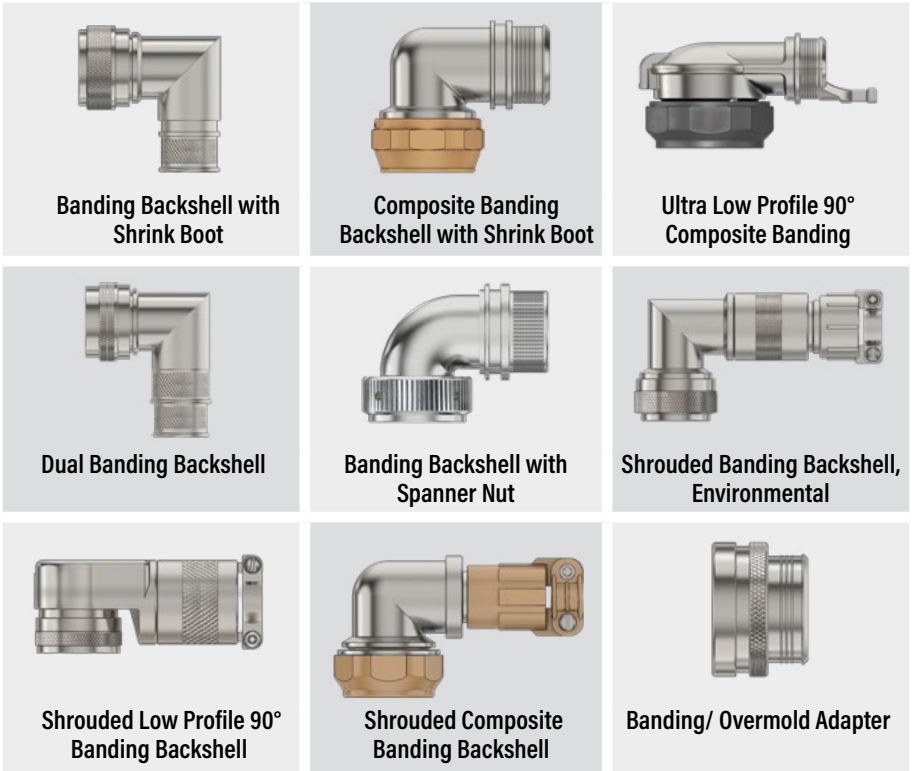


Stainless steel **Band-Master ATS®** band fits a wide range of diameters and meets demanding mil spec performance requirements. Install band with Band-Master ATS® tool. Braid-to-backshell resistance is one milliohm or less. Series 44 banding backshells meet AS85049 requirements and are widely used in aerospace and military electronics systems.

Series 44 Banding Backshells

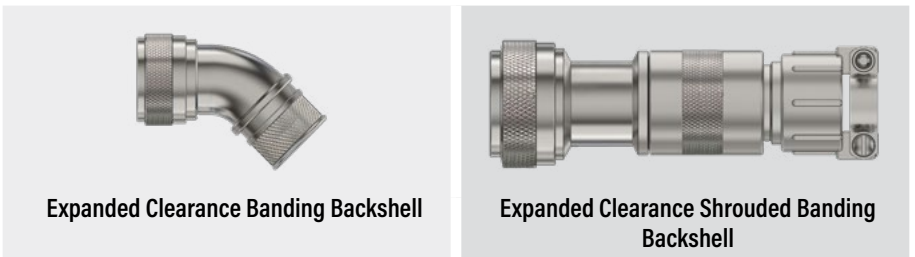
Series 44 Banding Backshells provide fast, reliable termination of cable braid shields to standard mil spec circular electrical connectors, Glenair Series 80 Mighty Mouse, Series 233 SuperNine, Series 806 Mil-Aero and Series 970 PowerTrip connectors. Series 44 backshells are available in nine styles including shrink boot versions and shrouded "Band-in-a-Can" versions with saddle clamps for wire strain relief. Material choices include aluminum alloy, stainless steel and corrosion-proof composite.

Banding Backshell Styles



Expanded Clearance Banding Backshells



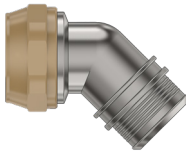
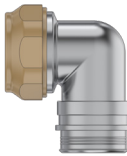
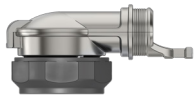
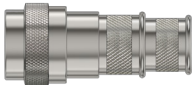



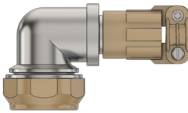

Expanded clearance banding backshells have extra room for sealing boots used with size 8 coax, twinax, quadax and octaxial contacts. Available in two styles: **440-233** shrink boot banding adapter, or **443-042** shrouded "band-in-a-can" environmental adapter with saddle clamp strain relief. Compatible with M38999 Series III and IV connectors, along with Series 80 Mighty Mouse and Series 806 Mil-Aero connectors.





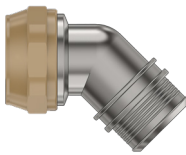
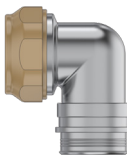

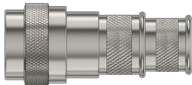



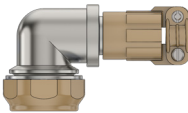

Series 44 Banding Backshells



Selection Guide

Adapter Code A AS50151 crimp AS95234 MIL-DTL-26482 Ser. II MIL-DTL-83723 Ser. III					
	Banding Backshell, Spin Coupling 440A*030 Page 44-5	Banding Backshell, Self-Locking 440A*069 Page 44-8	Banding Backshell, Composite 447A*325 Page 44-13	Banding Backshell, Composite, Micro Band 447A*326 Page 44-14	Banding Backshell, Composite Low Profile 90° 440A*143 Page 44-15
					
Banding Backshell, Dual Band 440A*072 Page 44-11	Banding Backshell, Self- Locking, Spanner Nut 447A*531 Page 44-16	Banding Backshell, Shrouded Environmental 443A*024 Page 44-17	Banding Backshell, Shrouded Low Profile 90° 447AC659 Page 44-20	Banding Backshell, Composite, Shrouded 447A*328 Page 44-19	Banding Overmolding Adapter 447AS523 Page 44-21

Adapter Code B AS50151 Solder		Adapter Code D MIL-DTL-26482 Series I		
	Banding Backshell, Direct Coupling 440B*031 Page 44-22		Banding Backshell, Direct Coupling 440D*031 Page 44-24	Banding Overmolding Adapter 440DS523 Page 44-26

Adapter Code F MIL-DTL-38999 Series I and II					
	Banding Backshell, Spin Coupling 440F*030 Page 44-27	Banding Backshell, Self-Locking 440F*069 Page 44-30	Banding Backshell, Composite 447F*325 Page 44-35	Banding Backshell, Composite, Micro Band 447F*326 Page 44-36	Banding Backshell, Composite Low Profile 90° 440F*143 Page 44-37
					
Banding Backshell, Dual Band 440F*072 Page 44-33	Banding Backshell, Self- Locking, Spanner Nut 447F*531 Page 44-38	Banding Backshell, Shrouded Environmental 443F*024 Page 44-39	Banding Backshell, Shrouded Low Profile 90° 447FC659 Page 44-41	Banding Backshell, Composite, Shrouded 447F*328 Page 44-42	Banding Overmolding Adapter 447FS523 Page 44-43

Series 44 Banding Backshells

Selection Guide

Adapter Code
G
MIL-DTL-28840



Banding Backshell,
Spin Coupling
440G*058
Page 44-65

Adapter Code
H
MIL-DTL-38999
Series III and IV



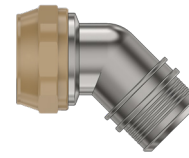
Banding Backshell,
Spin Coupling
440H*030
Page 44-44



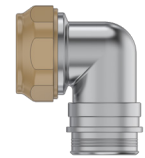
Banding Backshell,
Self-Locking
440H*069
Page 44-47



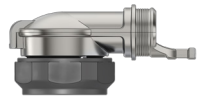
Banding Backshell,
Expanded Clearance
440H*233
Page 44-50



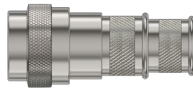
Banding Backshell,
Composite
447H*325
Page 44-54



Banding Backshell,
Composite, Micro Band
447H*326
Page 44-55



Banding Backshell,
Composite Low Profile 90°
440H*143
Page 44-56



Banding Backshell, Dual
Band
440H*072
Page 44-52



Banding Backshell, Self-
Locking, Spanner Nut
447H*531
Page 44-57



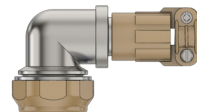
Banding Backshell,
Shrouded Environmental
443H*024
Page 44-58



Banding Backshell, Shrouded,
Expanded Clearance
443H*042
Page 44-60



Banding Backshell,
Shrouded Low Profile 90°
447HC659
Page 44-63



Banding Backshell,
Composite, Shrouded
447H*328
Page 44-62



Banding Overmolding
Adapter
447HS523
Page 44-64

Series 44 Banding Backshells

Selection Guide

<p>Adapter Code</p> <p>M</p> <p>Series 80 Mighty Mouse</p>					
	<p>Banding Backshell, Direct Coupling 440MS134 Page 44-67</p>	<p>Banding Backshell, Spin Coupling 440M*135 Page 44-68</p>	<p>Banding Backshell, Composite, Low Profile 440M*143 Page 44-70</p>	<p>Banding Backshell, Dual Band 440M*182 Page 44-71</p>	<p>Banding Backshell, Low Profile 90° Elliptical Entry 440MA204 Page 44-72</p>
	<p>Banding Backshell, Ultra Low Profile 90° 440MC173 Page 44-73</p>	<p>Banding Backshell, Shrouded 440MS981 Page 44-74</p>	<p>Banding Backshell, Expanded Clearance 440M*233 Page 44-75</p>	<p>Banding Backshell, Shrouded, Expanded Clearance 443M*042 Page 44-77</p>	

<p>Adapter Code</p> <p>P</p> <p>Series 970 PowerTrip</p>	
	<p>Banding Backshell, Spin Coupling 440P*069 Page 44-79</p>

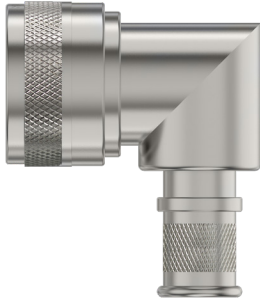
<p>Adapter Code</p> <p>R</p> <p>ITS Bayonet (VG95234)</p>	
	<p>Banding Backshell, Spin Coupling 440R*030 Page 44-91</p>

<p>Adapter Code</p> <p>V</p> <p>Series 806 Mil-Aero</p>					
	<p>Banding Backshell, Self-Locking 440V*191 Page 44-81</p>	<p>Banding Backshell, Self-Locking, Micro Band 440V*213 Page 44-83</p>	<p>Banding Backshell, Shrouded Environmental 443V*039 Page 44-85</p>	<p>Banding Backshell, Shrouded, Expanded Clearance 440V*233 Page 44-87</p>	<p>Banding Backshell, Shrouded, Expanded Clearance 443V*042 Page 44-89</p>

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*030 Banding Backshell, Shrink Boot



Spin coupling. Band-Master ATS® shield termination. 440A*030 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel.

Adapter Code	A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

PROFILE SELECTION GUIDE

S Straight 	C 90° Low Profile Split
D 90° Split	F 45° Split
H 45° Cut and Weld	J 90° Cut and Weld
M 45° Full Radius	N 90° Full Radius

PART NUMBER

440AS030	M	16	05-	3	K	P	T
Base Part No.	Profile	Shell Size					
440AS030	S	Str. 08-36					
440AC030	C	90° 08-24					
440AD030	D	90° 08-24					
440AF030	F	45° 08-24					
440AH030	H	45° 08-36					
440AJ030	J	90° 08-36					
440AM030	M	45° 08-36					
440AN030	N	90° 08-36					

Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated (Profiles H, J, M, N, S only)
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36

Entry Size* 	Size	Inside Dia.	Shell Sizes*	Size	Inside Dia.	Shell Sizes*
	01	.125 (3.2)	08-36	07	.875 (22.2)	20-36
	31	.188 (4.8)	08-36	37	.938 (23.8)	22-36
	02	.250 (6.4)	08-36	08	1.000 (25.4)	22-36
	32	.312 (7.9)	10-36	38	1.062 (27.0)	24-36
	03	.375 (9.5)	10-36	09	1.125 (28.6)	24-36
	33	.438 (11.1)	12-36	10	1.250 (31.8)	28-36
	04	.500 (12.7)	12-36	11	1.375 (34.9)	28-36
	34	.562 (14.3)	14-36	12	1.500 (38.1)	32-36
	05	.625 (15.9)	16-36	13	1.625 (41.3)	32-36
	35	.688 (17.5)	16-36	14	1.750 (44.5)	36
	06	.750 (19.1)	18-36	15	1.875 (47.6)	-
36	.812 (20.6)	18-36	16	2.000 (50.8)	-	

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See **Maximum Entry Size** for details. **△ Profile G** entry size cannot exceed shell size range listed in table.

Length	3 1.5 inches 4 2.0 inches 5 2.5 inches 6 3.0 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.
---------------	--	---

Band	Omit if not required K Pre-Coiled Band Included With Backshell
-------------	--

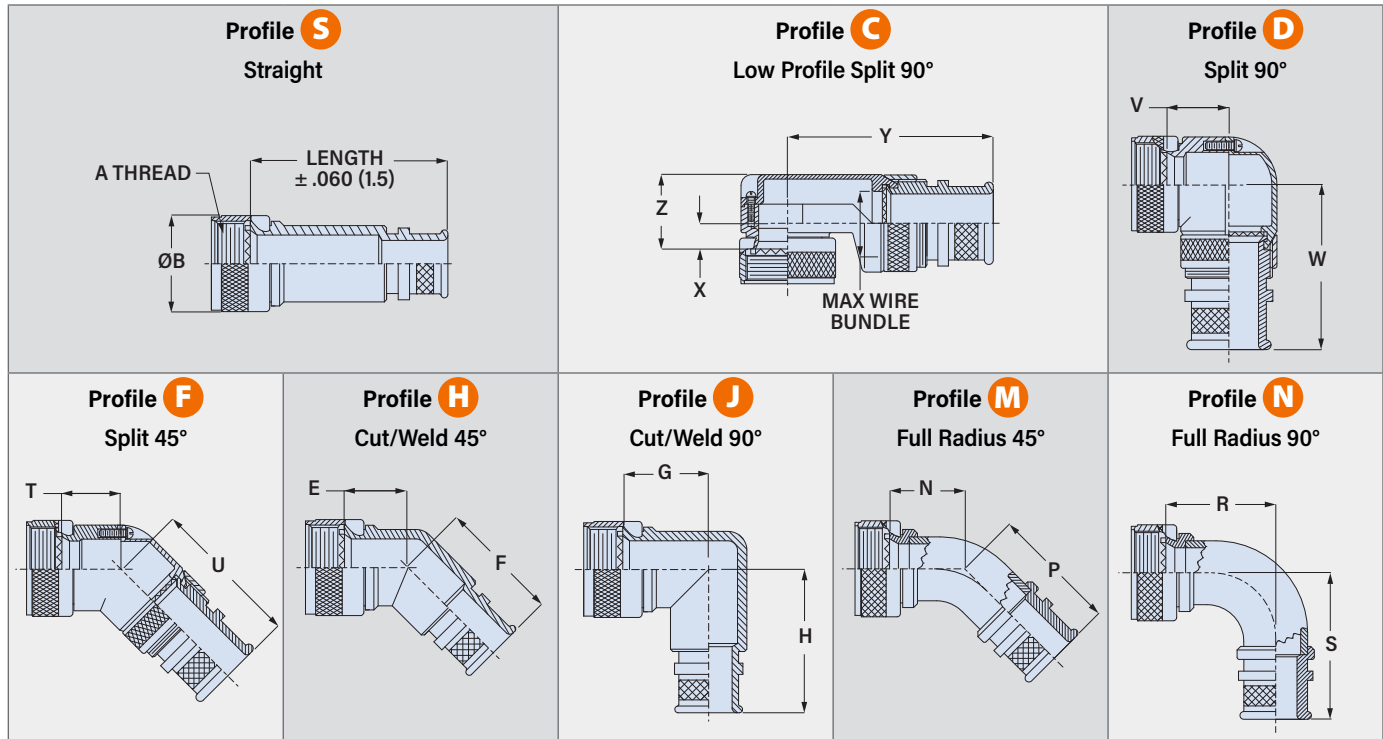
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only. P Nickel Plated Shield Termination Area with Polysulfide Barrier
--------------------	--

Shrink Boot	Omit if not required T Shrink Boot Included With Backshell TI Adhesive-lined Shrink Boot Included With Backshell
--------------------	--

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*030 Banding Backshell, Shrink Boot



Shell Size	A Thread Class 2B	ØB Max.		E Max.		F Max.		G Max.		H Max.		N Max.		P Max.		R Max.		S Max.	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.65	16.5	.531	13.5	.94	23.9	.639	16.2	1.110	28.2	.812	20.6	1.017	25.8	1.125	28.6	1.335	33.9
10	0.625-24 UNEF	.77	19.6	.594	15.1	1.00	25.4	.664	16.9	1.140	29.0	.875	22.2	1.071	27.2	1.250	31.8	1.460	37.1
12	0.750-20 UNEF	.94	23.9	.618	15.7	1.05	26.7	.688	17.5	1.160	29.5	.938	23.8	1.121	28.5	1.375	34.9	1.585	40.3
14	0.875-20 UNEF	1.07	27.2	.656	16.7	1.09	27.7	.705	17.9	1.190	30.2	1.000	25.4	1.175	29.8	1.500	38.1	1.710	43.4
16	1.000-20 UNEF	1.21	30.7	.688	17.5	1.15	29.2	.732	18.6	1.210	30.7	1.062	27.0	1.224	31.1	1.625	41.3	1.835	46.6
18	1.0625-18 UNEF	1.23	31.2	.748	19.0	1.19	30.2	.803	20.4	1.221	31.0	1.094	27.8	1.274	32.4	1.750	44.5	1.960	49.8
20	1.1875-18 UNEF	1.36	34.5	.773	19.6	1.25	31.8	1.031	26.2	1.281	32.5	1.156	29.4	1.328	33.7	1.875	47.6	2.085	53.0
22	1.3125-18 UNEF	1.48	37.6	.800	20.3	1.32	33.5	1.156	29.4	1.351	34.3	1.188	30.2	1.382	35.1	2.000	50.8	2.210	56.1
24	1.4375-18 UNEF	1.73	43.9	.823	20.9	1.38	35.1	1.219	31.0	1.410	35.8	1.250	31.8	1.431	36.3	2.125	54.0	2.335	59.3
28	1.750-18 UNS	1.97	50.0	1.041	26.4	1.50	38.1	1.281	32.5	1.531	38.9	1.344	34.1	1.811	46.0	2.375	60.3	2.835	72.0
32	2.000-18 UNS	2.22	56.4	1.092	27.7	1.62	41.1	1.593	40.5	1.651	41.9	1.514	38.5	1.981	50.3	2.675	67.9	2.935	74.5
36	2.250-16 UN	2.47	62.7	1.136	28.9	1.75	44.5	1.718	43.6	1.781	45.2	1.514	38.5	1.981	50.3	2.785	70.7	2.950	74.9

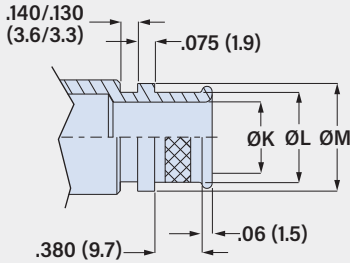
Shell Size	T Max.		U Max.		V Max.		W Max.		X Max.		Y Max.		Z Max.		Profile C Max. Wire Bundle	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.44	11.2	1.635	41.5	.68	17.3	1.575	40.0	.34	8.6	1.915	48.6	.681	17.3	.250	6.4
10	.50	12.7	1.695	43.1	.75	19.1	1.635	41.5	.27	6.9	2.075	52.7	.731	18.6	.375	9.5
12	.56	14.2	1.765	44.8	.81	20.6	1.705	43.3	.27	6.9	2.075	52.7	.731	18.6	.375	9.5
14	.62	15.7	1.795	45.6	.87	22.1	1.735	44.1	.28	7.1	2.145	54.5	.831	21.1	.500	12.7
16	.68	17.3	1.895	48.1	.93	23.6	1.835	46.6	.42	10.7	2.195	55.8	.981	24.9	.625	15.9
18	.75	19.1	1.955	49.7	1.00	25.4	1.895	48.1	.64	16.3	2.225	56.5	1.181	30.0	.625	15.9
20	.82	20.8	2.015	51.2	1.06	26.9	1.955	49.7	.64	16.3	2.225	56.5	1.181	30.0	.625	15.9
22	.88	22.4	2.075	52.7	1.12	28.4	2.015	51.2	.61	15.5	2.375	60.3	1.311	33.3	.875	22.2
24	.94	23.9	2.135	54.2	1.18	30.0	2.075	52.7	.68	17.3	2.500	63.5	1.431	36.3	1.000	25.4

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*030 Banding Backshell, Shrink Boot

ENTRY SIZE



Entry Size	Shell Sizes	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm	Entry Size	Shell Sizes	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm
01	08-36	.125	3.2	.250	6.4	.312	7.9	07	20-36	.875	22.2	1.000	25.4	1.062	27.0
31	08-36	.188	4.8	.312	7.9	.375	9.5	37	22-36	.938	23.8	1.062	27.0	1.125	28.6
02	08-36	.250	6.4	.375	9.5	.438	11.1	08	22-36	1.000	25.4	1.125	28.6	1.188	30.2
32	10-36	.312	7.9	.438	11.1	.500	12.7	38	24-36	1.062	27.0	1.188	30.2	1.250	31.8
03	10-36	.375	9.5	.500	12.7	.562	14.3	09	24-36	1.125	28.6	1.250	31.8	1.312	33.3
33	12-36	.438	11.1	.562	14.3	.625	15.9	10	28-36	1.250	31.8	1.375	34.9	1.438	36.5
04	12-36	.500	12.7	.625	15.9	.687	17.4	11	32-36	1.375	34.9	1.500	38.1	1.562	39.7
34	14-36	.562	14.3	.688	17.5	.750	19.1	12	32-36	1.500	38.1	1.625	41.3	1.688	42.9
05	16-36	.625	15.9	.750	19.1	.812	20.6	13	32-36	1.625	41.3	1.750	44.5	1.812	46.0
35	16-36	.688	17.5	.812	20.6	.875	22.2	14	36	1.750	44.5	1.875	47.6	1.938	49.2
06	18-36	.750	19.1	.875	22.2	.938	23.8	15	-	1.875	47.6	2.000	50.8	2.062	52.4
36	18-36	.812	20.6	.938	23.8	1.000	25.4	16	-	2.000	50.8	2.125	54.0	2.188	55.6

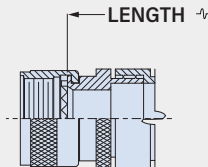
MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

△ Profile O backshells are not available with entry sizes larger than shown in table.

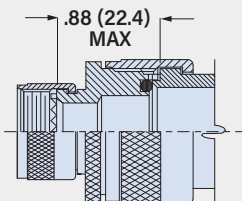
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	02	20	07
10	03	22	08
12	04	24	09
14	34	28	11
16	35	32	13
18	06	36	14

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

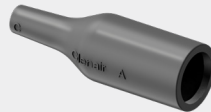
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inches.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).



Entry Sizes	Shrink Boot P/N	Adhesive Lined Shrink Boot P/N
01-31	770-003S111	770-003S111W1
02-32	770-003S112	770-003S112W1
03	770-001S103	770-001S103W1
33-35	770-001S104	770-001S104W1
06-37	770-001S105	770-001S105W1
08-38	770-001S106	770-001S106W1
09-12	770-001S107	770-001S107W1
13-14	770-001S108	770-001S108W1
15-16	770-001S109	770-001S109W1

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



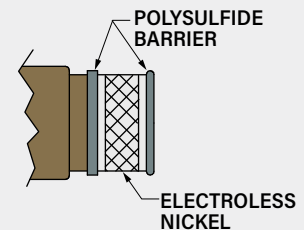
Band
601-041

Banding Tool
601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

△ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*069 Banding Backshell, Shrink Boot, Self-Locking

Self-Locking



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

PROFILE SELECTION GUIDE

<p>S Straight</p>	<p>C 90°</p> <p>Low Profile Split</p>
<p>D 90°</p> <p>Split</p>	<p>F 45°</p> <p>Split</p>
<p>H 45°</p> <p>Cut and Weld</p>	<p>J 90°</p> <p>Cut and Weld</p>
<p>M 45°</p> <p>Full Radius</p>	<p>N 90°</p> <p>Full Radius</p>

Self-Locking. Band-Master ATS® shield termination. 440A*069 banding adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to adapter with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

PART NUMBER

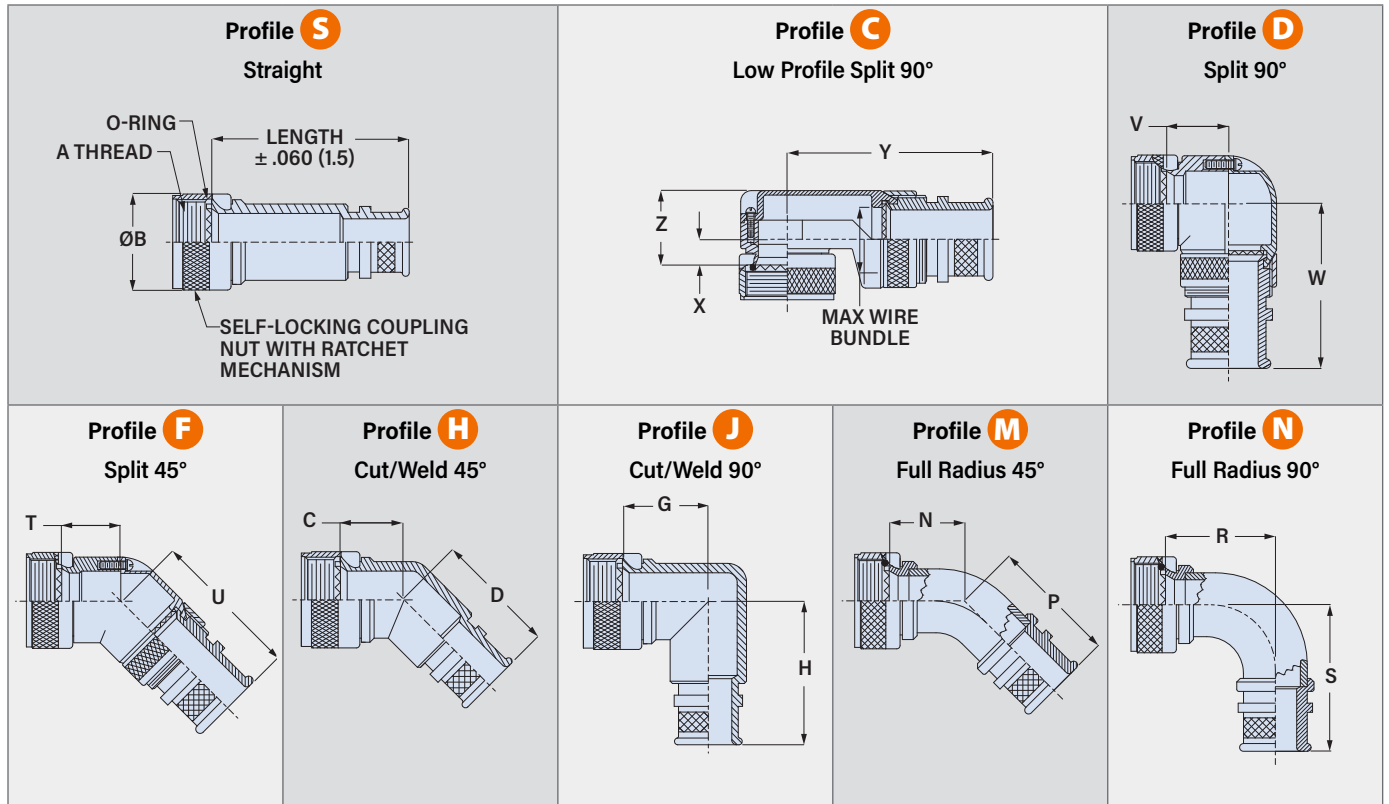
440AS069 ZI 18 06- 4 K P T

Base P/N	Base Part No.	Profile	Shell Size
	440AS069	S Str.	08-36
	440AC069	C 90°	08-24
	440AD069	D 90°	08-24
	440AF069	F 45°	08-24
	440AH069	H 45°	08-36
	440AJ069	J 90°	08-36
	440AM069	M 45°	08-24
440AN069	N 90°	08-24	
Material/Finish	M	Alum/ Electroless Nickel	
	MT	Alum/ Nickel-PTFE	
	NF	Alum/ Olive Drab Cadmium	
	ZR	Alum/ Black Zinc-Nickel	
	TZ	Alum/ Tin-Zinc	
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)	
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36		
Entry Size	Shell		Shell
	Size	Inside Dia.	Size
	01	.125 (3.2)	07
	02	.188 (4.8)	08
	03	.250 (6.4)	09
	04	.312 (7.9)	10
	05	.375 (9.5)	11
	06	.438 (11.1)	12
	07	.500 (12.7)	13
	08	.562 (14.3)	14
	09	.625 (15.9)	15
	10	.688 (17.5)	16
	11	.750 (19.1)	
	12	.812 (20.6)	
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. Profile entry size cannot exceed shell size range listed in table.			
Length	3	1.5 inches	Applies to Profile S only.
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.
	5	2.5 inches	
	6	3.0 inches	
Band	Omit if not required		
	K	Pre-Coiled Band Included With Backshell	
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.		
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier	
Shrink Boot	Omit if not required		
	T	Shrink Boot Included With Backshell	
T1	Adhesive-lined Shrink Boot Included With Backshell		

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*069 Banding Backshell, Shrink Boot, Self-Locking



Shell Size	A Thread Class 2B	øB Max		C Max.		D Max.		G Max.		H Max.		N Max.		P Max.		R Max.		S Max.	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.69	17.5	.806	20.5	1.038	26.4	.906	23.0	1.146	29.1	.968	24.6	1.017	25.8	1.281	32.5	1.335	33.9
10	0.625-24 UNEF	.82	20.8	.832	21.1	1.064	27.0	.966	24.5	1.210	30.7	1.031	26.2	1.071	27.2	1.406	35.7	1.460	37.1
12	0.750-20 UNEF	.94	23.8	.856	21.7	1.088	27.6	1.026	26.0	1.268	32.2	1.094	27.8	1.121	28.5	1.531	38.9	1.585	40.3
14	0.875-20 UNEF	1.06	26.9	.882	22.4	1.114	28.3	1.076	27.3	1.330	33.8	1.156	29.4	1.175	29.8	1.656	42.1	1.710	43.4
16	1.000-20 UNEF	1.17	29.7	.908	23.1	1.150	29.2	1.136	28.8	1.392	35.4	1.218	30.9	1.224	31.1	1.781	45.2	1.835	46.6
18	1.0625-18 UNEF	1.46	37.1	.927	23.5	1.190	30.2	1.176	29.9	1.438	36.5	1.250	31.8	1.274	32.4	1.906	48.4	1.960	49.8
20	1.1875-18 UNEF	1.60	40.6	.953	24.2	1.250	31.8	1.236	31.4	1.500	38.1	1.312	33.3	1.328	33.7	2.031	51.6	2.085	53.0
22	1.3125-18 UNEF	1.70	43.2	.979	24.9	1.320	33.5	1.296	32.9	1.562	39.7	1.344	34.1	1.382	35.1	2.156	54.8	2.210	56.1
24	1.4375-18 UNEF	1.84	46.7	1.004	25.5	1.380	35.1	1.356	34.4	1.625	41.3	1.406	35.7	1.431	36.3	2.281	57.9	2.335	59.3
28	1.750-18 UNS	2.01	51.1	1.197	30.4	1.500	38.1	1.422	36.1	1.654	42.0								
32	2.000-18 UNS	2.26	57.4	1.280	32.5	1.620	41.1	1.545	39.2	1.777	45.1								
36	2.250-16 UN	2.53	64.3	1.294	32.8	1.750	44.4	1.652	41.9	1.844	46.8								

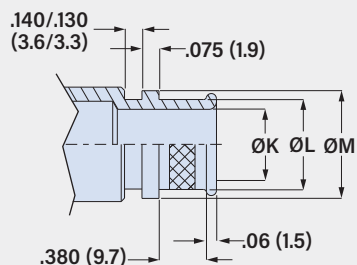
Shell Size	T Max.		U Max.		V Max.		W Max.		X Max.		Y Max.		Z Max.		Profile C Max. Wire Bundle	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	.596	15.1	1.635	41.5	.836	21.2	1.575	40.0	.496	12.6	1.915	48.6	.837	21.3	.250	6.4
10	.656	16.7	1.695	43.1	.906	23.0	1.635	41.5	.426	10.8	2.075	52.7	.887	22.5	.375	9.5
12	.716	18.2	1.765	44.8	.966	24.5	1.705	43.3	.426	10.8	2.075	52.7	.887	22.5	.375	9.5
14	.776	19.7	1.795	45.6	1.026	26.1	1.735	44.1	.436	11.1	2.145	54.5	.987	25.1	.500	12.7
16	.836	21.2	1.895	48.1	1.086	27.6	1.835	46.6	.576	14.6	2.195	55.8	1.137	28.9	.625	15.9
18	.906	23.0	1.955	49.7	1.156	29.4	1.895	48.1	.796	20.2	2.225	56.5	1.337	34.0	.625	15.9
20	.976	24.8	2.015	51.2	1.216	30.9	1.955	49.7	.796	20.2	2.225	56.5	1.337	34.0	.625	15.9
22	1.036	26.3	2.075	52.7	1.276	32.4	2.015	51.2	.696	17.7	2.375	60.3	1.337	34.0	.750	19.1
24	1.096	27.8	2.135	54.2	1.336	33.9	2.075	52.7	.696	17.7	2.375	60.3	1.337	34.0	.750	19.1

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*069 Banding Backshell, Shrink Boot, Self-Locking

ENTRY SIZE



Entry Size	Shell Sizes	øK		øL		øM	
		±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm
01	08-36	.125	3.2	.250	6.4	.312	7.9
31	08-36	.188	4.8	.312	7.9	.375	9.5
02	08-36	.250	6.4	.375	9.5	.438	11.1
32	10-36	.312	7.9	.438	11.1	.500	12.7
03	10-36	.375	9.5	.500	12.7	.562	14.3
33	12-36	.438	11.1	.562	14.3	.625	15.9
04	12-36	.500	12.7	.625	15.9	.687	17.4
34	14-36	.562	14.3	.688	17.5	.750	19.1
05	16-36	.625	15.9	.750	19.1	.812	20.6
35	16-36	.688	17.5	.812	20.6	.875	22.2
06	18-36	.750	19.1	.875	22.2	.938	23.8
36	18-36	.812	20.6	.938	23.8	1.000	25.4
07	20-36	.875	22.2	1.000	25.4	1.062	27.0
37	22-36	.938	23.8	1.062	27.0	1.125	28.6
08	22-36	1.000	25.4	1.125	28.6	1.188	30.2
38	24-36	1.062	27.0	1.188	30.2	1.250	31.8
09	24-36	1.125	28.6	1.250	31.8	1.312	33.3
10	28-36	1.250	31.8	1.375	34.9	1.438	36.5
11	32-36	1.375	34.9	1.500	38.1	1.562	39.7
12	32-36	1.500	38.1	1.625	41.3	1.688	42.9
13	32-36	1.625	41.3	1.750	44.5	1.812	46.0
14	36	1.750	44.5	1.875	47.6	1.938	49.2
15	-	1.875	47.6	2.000	50.8	2.062	52.4
16	-	2.000	50.8	2.125	54.0	2.188	55.6

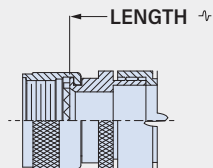
MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

△ Profile G backshells are not available with entry sizes larger than shown in table.

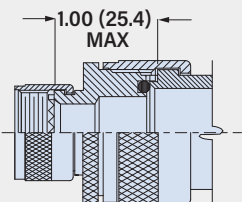
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	02	20	07
10	03	22	08
12	04	24	09
14	34	28	10
16	35	32	13
18	06	36	14

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

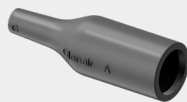
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by one inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).



Entry Sizes	Adhesive Lined Shrink Boot P/N	
	Shrink Boot P/N	Shrink Boot P/N
01-31	770-003S111	770-003S111W1
02-32	770-003S112	770-003S112W1
03	770-001S103	770-001S103W1
33-35	770-001S104	770-001S104W1
06-37	770-001S105	770-001S105W1
08-38	770-001S106	770-001S106W1
09-12	770-001S107	770-001S107W1
13-14	770-001S108	770-001S108W1
15-16	770-001S109	770-001S109W1

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band 601-041

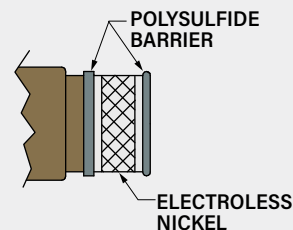


Banding Tool 601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

△ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*072 Banding Backshell, Dual Band

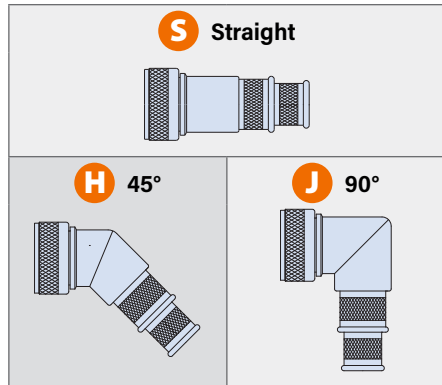


Self-Locking

Self-Locking. Two banding platforms. 440A*072 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band straps. Second banding platform is typically used for attaching fabric overbraid. Optional shrink boot adds strain relief and environmental protection. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

Adapter Code	A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

PROFILE SELECTION GUIDE



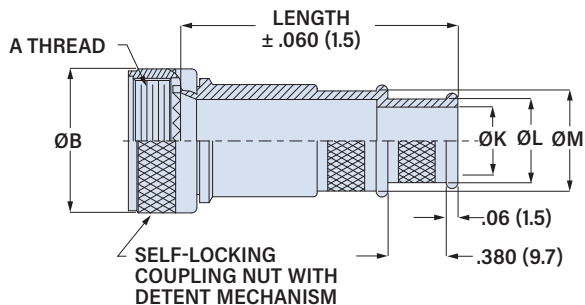
PART NUMBER

Base P/N	440AS072	ZI	18	06	-4	K	P
Base Part No.	440AS072	Profile					
	440AH072	S Straight					
	440AJ072	H 45°					
		J 90°					
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated						
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40						
Entry Size	See Table 1						
Length	3	1.5 inches	Applies to Profile S only.				
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.				
	5	2.5 inches					
	6	3.0 inches					
Band	Omit if not required						
	K	Pre-Coiled Bands Included With Backshell (qty. 2)					
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.						
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier					

TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	øK (0.4)		øL (0.4)		øM	
		in	mm	in	mm	in	mm
02	08-40	.125	3.2	.250	6.4	.312	7.9
03	08-40	.188	4.8	.312	7.9	.375	9.5
04	08-40	.250	6.4	.375	9.5	.438	11.1
05	10-40	.312	7.9	.438	11.1	.500	12.7
06	12-40	.375	9.5	.500	12.7	.562	14.3
07	12-40	.438	11.1	.562	14.3	.625	15.9
08	12-40	.500	12.7	.625	15.9	.688	17.5
09	14-40	.562	14.3	.688	17.5	.750	19.1
10	16-40	.625	15.9	.750	19.1	.812	20.6
11	16-40	.688	17.5	.812	20.6	.875	22.2
12	18-40	.750	19.1	.875	22.2	.938	23.8
13	20-40	.812	20.6	.938	23.8	1.000	25.4
14	20-40	.875	22.2	1.000	25.4	1.062	27.0
15	22-40	.938	23.8	1.062	27.0	1.125	28.6
16	22-40	1.000	25.4	1.125	28.6	1.188	30.2
17	24-40	1.062	27.0	1.188	30.2	1.250	31.8
18	24-40	1.125	28.6	1.250	31.8	1.312	33.3
20	28-40	1.250	31.8	1.375	34.9	1.438	36.5
22	28-40	1.375	34.9	1.500	38.1	1.562	39.7
24	32-40	1.500	38.1	1.625	41.3	1.688	42.9

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for detail.

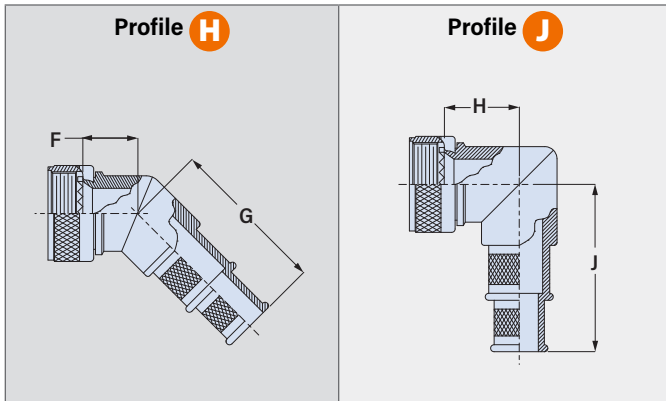


Shell Size	A Thread Class 2B	øB Max in	øB Max mm	Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.69	17.5	22	1.3125-18 UNEF	1.70	43.2
10	0.625-24 UNEF	.82	20.8	24	1.4375-18 UNEF	1.84	46.7
12	0.750-20 UNEF	.94	23.8	28	1.750-18 UNS	2.01	51.1
14	0.875-20 UNEF	1.06	26.9	32	2.000-18 UNS	2.26	57.4
16	1.000-20 UNEF	1.17	29.7	36	2.250-16 UN	2.53	64.3
18	1.0625-18 UNEF	1.46	37.1	40	2.500-16 UN	3.04	77.2
20	1.1875-18 UNEF	1.60	40.6				

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*072 Banding Backshell, Dual Band



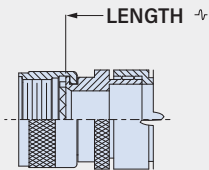
Shell Size	F Max.		G Max.		H Max.		J Max.	
	in	mm	in	mm	in	mm	in	mm
08	.795	20.2	1.328	33.7	.906	23.0	1.438	36.5
10	.820	20.8	1.358	34.5	.966	24.5	1.498	38.0
12	.844	21.4	1.378	35.0	1.026	26.1	1.558	39.6
14	.861	21.9	1.408	35.8	1.076	27.3	1.628	41.4
16	.888	22.6	1.428	36.3	1.136	28.9	1.688	42.9
18	.904	23.0	1.438	36.5	1.176	29.9	1.708	43.4
20	.929	23.6	1.458	37.0	1.236	31.4	1.768	44.9
22	.956	24.3	1.498	38.0	1.296	32.9	1.848	46.9
24	.979	24.9	1.528	38.8	1.356	34.4	1.918	48.7
28	1.055	26.8	1.767	44.9	1.472	37.4	2.014	51.2
32	1.107	28.1	1.890	48.0	1.595	40.5	2.137	54.3
36	1.161	29.5	1.997	50.7	1.703	43.3	2.245	57.0
40	1.216	30.9	2.105	53.5	1.810	46.0	2.352	59.7

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

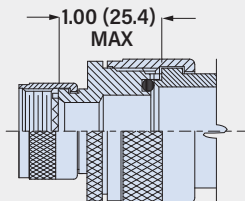
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	04	22	16
10	05	24	18
12	08	28	22
14	09	32	24
16	11	36	24
18	12	40	24
20	14		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by one inch.

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band 601-041

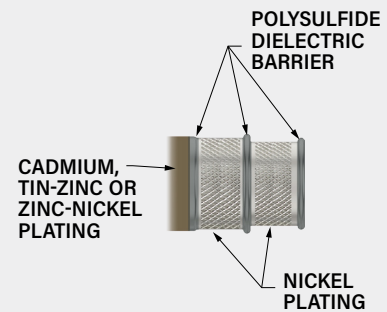


Banding Tool 601-100

POLYSULFIDE

Optional selective nickel plating on banding surfaces prevents galvanic mismatch between nickel-coated braid shield and backshell plating. Polysulfide stripes provide dielectric barriers.

⚠ Plating codes NF, ZR and TZ only

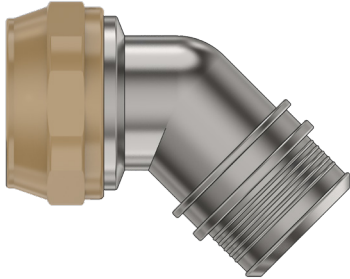


Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

447A*325 Banding Backshell, Composite, Shrink Boot

Self-Locking



Lightweight. High strength composite. Standard .240" band. 447A*325 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Glass-reinforced thermoplastic.

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

TABLE 1: ENTRY SIZE

Entry Size	±.03(0.8) in	Cable Entry Shell in	Entry Size	±.03(0.8) in	Cable Entry Shell in		
03	.19	4.8	08-28	13	.81	20.6	18-28
04	.25	6.4	08-28	14	.88	22.4	20-28
05	.31	7.9	10-28	15	.94	23.9	20-28
06	.38	9.7	10-28	16	1.00	25.4	22-28
07	.44	11.2	12-28	17	1.06	26.9	22-28
08	.50	12.7	12-28	18	1.13	28.7	24-28
09	.56	14.2	14-28	19	1.19	30.2	24-28
10	.63	16.0	14-28	20	1.25	31.8	28
11	.69	17.5	16-28	22	1.38	35.1	28
12	.75	19.1	16-28				

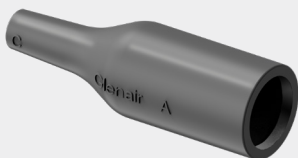
BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



SHRINK BOOT

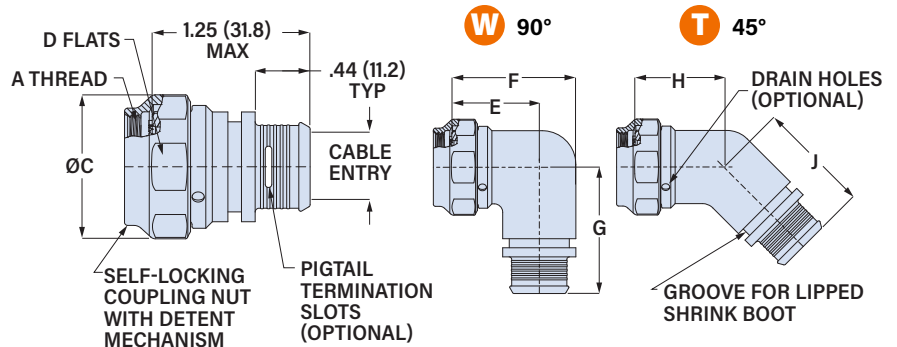
Optional heatshrink boot provides environmental protection and cable strain relief. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



PART NUMBER

	447AS325	XM	16	12	D	K	T	S
Base P/N	447AS325	S	Profile					
	447AT325	T	Straight					
	447AW325	W	45°					
Finish	XM	Electroless Nickel						
	XMT	Nickel-PTFE						
	XW	Olive Drab Cadmium						
	XTZ	Tin-Zinc						
	<i>Coupling nut is unplated.</i>							
Shell Size	08 10 12 14 16 18 20 22 24 28							
Entry Size	<i>See Table 1</i>							
Drain Holes	<i>Omit if not required</i>							
	D	Drain Holes						
Band	<i>Omit if not required</i>							
	K	Pre-Coiled Band Included With Backshell						
Shrink Boot	<i>Omit if not required</i>							
	T	Shrink Boot Included With Backshell						
Slot	<i>Omit if not required</i>							
	S	Pigtail Termination Slots						

S Straight



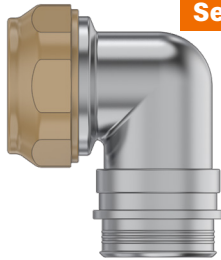
Shell Size	A Thread Class 2B	ØC Max in	D Hex Flats in	E ±.06(1.5) in	F ±.09(2.3) in	G ±.09(2.3) in	H ±.06(1.5) in	J ±.06(1.5) in	Max Entry Size							
08	0.500-20 UNF	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.19	30.2	.72	18.3	1.00	25.4	04
10	0.625-24 UNF	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.25	31.8	.75	19.1	1.06	26.9	06
12	0.750-20 UNF	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.31	33.3	.75	19.1	1.13	28.7	08
14	0.875-20 UNF	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	.76	19.3	1.16	29.5	10
16	1.000-20 UNF	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	.78	19.8	1.18	30.0	12
18	1.0625-18 UNF	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	.79	20.1	1.19	30.2	13
20	1.1875-18 UNF	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	.82	20.8	1.22	31.0	15
22	1.3125-18 UNF	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	.86	21.8	1.26	32.0	17
24	1.4375-18 UNF	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	.89	22.6	1.29	32.8	19
28	1.750-18 UNS	2.15	54.6	2.000	50.8	1.34	34.0	2.13	54.1	1.78	45.2	.92	23.4	1.32	33.5	22



Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

447A*326 Banding Backshell , Composite, Shrink Boot, Micro Band



Self-Locking

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

TABLE 1: ENTRY SIZE

Entry Size	Cable Entry		øL		øM		Shell Sizes
	±.03 (0.8) in	mm	±.015 (0.4) in	mm	±.015 (0.4) in	mm	
02	.13	3.3	.250	6.4	.386	9.8	08-28
03	.19	4.8	.316	8.0	.452	11.5	08-28
04	.25	6.4	.382	9.7	.510	13.0	08-28
05	.31	7.9	.448	11.4	.584	14.8	10-28
06	.38	9.7	.515	13.1	.651	16.5	10-28
07	.44	11.2	.582	14.8	.718	18.2	12-28
08	.50	12.7	.647	16.4	.783	19.9	12-28
09	.56	14.2	.713	18.1	.849	21.6	14-28
10	.63	16.0	.780	19.8	.916	23.3	14-28
11	.69	17.5	.847	21.5	.983	25.0	16-28
12	.75	19.1	.913	23.2	1.049	26.6	16-28
13	.81	20.6	.979	24.9	1.115	28.3	18-28
14	.88	22.4	1.054	26.8	1.190	30.2	20-28
15	.94	23.9	1.115	28.3	1.251	31.8	20-28
16	1.00	25.4	1.183	30.0	1.319	33.5	22-28
17	1.06	26.9	1.251	31.8	1.387	35.2	22-28
18	1.13	28.7	1.320	33.5	1.456	37.0	24-28
19	1.19	30.2	1.389	35.3	1.525	38.7	24-28
20	1.25	31.8	1.457	37.0	1.593	40.5	28
22	1.38	35.1	1.588	40.3	1.724	43.8	28

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Entry Size	Pre-Coiled Band P/N	Length
02 - 08	601-061	8.13 (206)
09 - 22	601-065	14.25 (362)

SHRINK BOOT

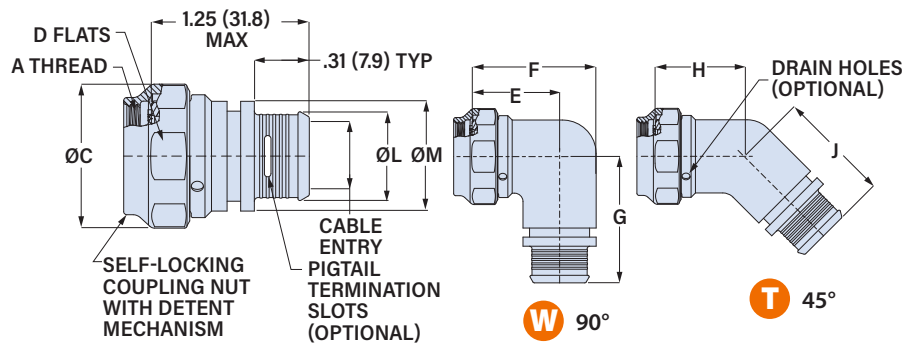
Optional heatshrink boot provides environmental protection and cable strain relief. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



Composite. Low profile Micro band. 447A*326 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional .120" width micro band strap. Optional shrink boot adds strain relief and environmental protection. Glass-reinforced thermoplastic.

PART NUMBER

	447AS326	XM	18	10	D	K	T	S
Base P/N	Base Part No.	Profile						
	447AS326	S	Straight					
	447AT326	T	45°					
Finish	447AW326	W	90°					
	XM	Electroless Nickel						
	XMT	Nickel-PTFE						
	XW	Olive Drab Cadmium						
Shell Size	XTZ	Tin-Zinc						
	Coupling nut is unplated.							
Entry Size	08 10 12 14 16 18 20 22 24 28							
Drain Holes	Omit if not required D Drain Holes							
Band	Omit if not required K Pre-Coiled Band Included With Backshell							
Shrink Boot	Omit if not required T Shrink Boot Included With Backshell							
Slot	Omit if not required S Pigtail Termination Slots							

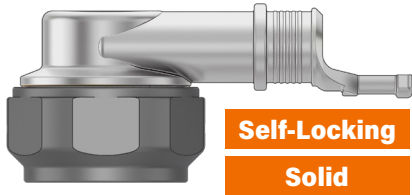


Shell Size	A Thread Class 2B	øC Max in mm	D Hex Flats in mm	E ±.06(1.5) in mm	F ±.09(2.3) in mm	G ±.09(2.3) in mm	H ±.06(1.5) in mm	J ±.09(2.3) in mm	Max Entry Size
08	0.500-20 UNF	.86 21.8	.750 19.1	.69 17.5	.88 22.4	1.06 26.9	.72 18.3	.87 22.1	04
10	0.625-24 UNEF	.98 24.9	.875 22.2	.75 19.1	1.00 25.4	1.13 28.7	.75 19.1	.93 23.6	06
12	0.750-20 UNEF	1.16 29.5	1.000 25.4	.81 20.6	1.13 28.7	1.19 30.2	.75 19.1	1.00 25.4	08
14	0.875-20 UNEF	1.28 32.5	1.125 28.6	.88 22.4	1.31 33.3	1.25 31.8	.76 19.3	1.03 26.2	10
16	1.000-20 UNEF	1.41 35.8	1.250 31.8	.94 23.9	1.38 35.1	1.31 33.3	.78 19.8	1.05 26.7	12
18	1.0625-18 UNEF	1.52 38.6	1.375 34.9	.97 24.6	1.44 36.6	1.38 35.0	.79 20.1	1.06 26.9	13
20	1.1875-18 UNEF	1.64 41.7	1.500 38.1	1.06 26.9	1.63 41.4	1.48 37.6	.82 20.8	1.09 27.7	15
22	1.3125-18 UNEF	1.77 45.0	1.625 41.3	1.13 28.7	1.75 44.5	1.54 39.1	.86 21.8	1.13 28.7	17
24	1.4375-18 UNEF	1.89 48.0	1.750 44.5	1.19 30.2	1.88 47.8	1.60 40.6	.89 22.6	1.16 29.5	19
28	1.750-18 UNS	2.15 54.6	2.000 50.8	1.34 34.0	2.13 54.1	1.70 43.2	.92 23.4	1.19 30.2	22

Series 44 Banding Backshells

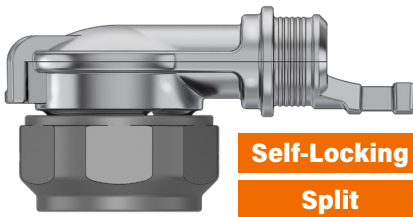
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*143 Banding Backshell, Composite, Shrink Boot, Ultra Low-Profile 90°



Self-Locking

Solid



Self-Locking

Split

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Band P/N	Length
601-060	8.13 (206)

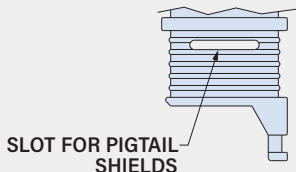
SHRINK BOOT

Optional heatshrink boot provides environmental protection and cable strain relief. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



FIGURE 1: SLOTS

Optional pigtail shield termination slots are located on banding platform. Profile E split version has one slot. Profile W solid version has two slots.

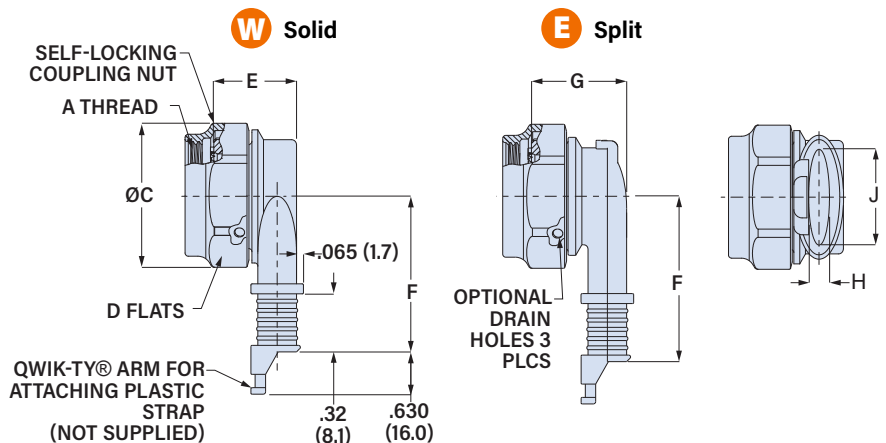


SLOT FOR PIGTAIL SHIELDS

Ultra low-profile 90°. Composite. Self-locking. Micro band. Elliptical entry. Qwik-Ty®. 440A*143 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Split version has lid for wiring access. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional micro band strap. Optional shrink boot adds strain relief. Glass-reinforced thermoplastic.

PART NUMBER

	440AW143	XM	18	D	B	T	S
Base P/N	440AE143	E	90° Split				
	440AW143	W	90° Solid				
Finish	XM	Electroless Nickel					
	XMT	Nickel-PTFE					
	XW	Olive Drab Cadmium					
	XTZ	Tin-Zinc					
	<i>Coupling nut is unplated, black color.</i>						
Shell Size	08 10 12 14 16 18 20 22 24						
Drain Holes	<i>Omit if not required</i> D Drain Holes						
Band	<i>Omit if not required</i> B Micro Band Included (supplied flat/uncoiled)						
Shrink Boot	<i>Omit if not required</i> T Shrink Boot Included						
Slot	<i>Omit if not required. See Figure 1.</i> S Pigtail Termination Slots						



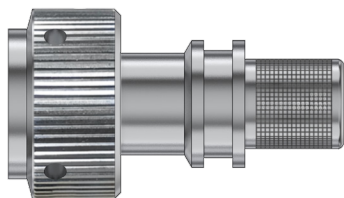
Shell Size	Profile	A		D		F		H		J						
		Thread Class 2B	ØC Max	Hex Flats	E Max	±.03 (0.8)	G Max	±.06 (1.5)	±.09 (2.3)							
08	E, W	0.500-20 UNF	.86	21.8	.750	19.1	.63	16.0	1.042	26.5	.81	20.6	.160	4.1	.304	7.7
10	E, W	0.625-24 UNEF	.98	24.9	.875	22.2	.66	16.8	1.107	28.1	.81	20.6	.174	4.4	.432	11.0
12	E, W	0.750-20 UNEF	1.16	29.5	1.000	25.4	.72	18.3	1.174	29.8	.82	20.8	.195	5.0	.546	13.9
14	E, W	0.875-20 UNEF	1.28	32.5	1.125	28.6	.83	21.1	1.241	31.5	.88	22.4	.315	8.0	.670	17.0
16	E, W	1.000-20 UNEF	1.41	35.8	1.250	31.8	.91	23.1	1.305	33.1	.93	23.6	.385	9.8	.796	20.2
18	E, W	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.93	23.6	1.371	34.8	.99	25.1	.445	11.3	.902	22.9
20	E, W	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.04	26.4	1.438	36.5	1.06	26.9	.525	13.3	1.027	26.1
22	E, W	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.12	28.4	1.505	38.2	1.13	28.7	.595	15.1	1.152	29.3
24	E	1.4375-18 UNEF	1.89	48.0	1.750	44.5	N/A	N/A	1.850	47.0	1.05	26.7	.450	11.4	1.460	37.1
24	W	1.4375-18 UNEF	1.89	48.0	2.000	50.8	1.18	30.0	1.572	39.9	N/A	N/A	.655	16.6	1.276	32.4

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

447A*531 Banding Backshell, Shrink Boot, Spanner Nut

Self-Locking



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

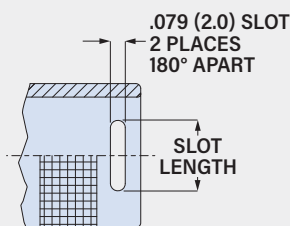
TABLE 1: ENTRY SIZE

Entry Size	øE		øF		øG		Shell Sizes
	in	mm	in	mm	in	mm	
03	.185	4.7	.303	7.7	.480	12.2	08-14
04	.252	6.4	.370	9.4	.551	14.0	08-16
05	.311	7.9	.433	11.0	.610	15.5	08-20
06	.374	9.5	.496	12.6	.673	17.1	10-22
07	.437	11.1	.555	14.1	.736	18.7	10-24
08	.500	12.7	.618	15.7	.800	20.3	12-24
10	.626	15.9	.744	18.9	.925	23.5	14-24
12	.752	19.1	.866	22.0	1.051	26.7	16-24
14	.874	22.2	.992	25.2	1.173	29.8	20-24
16	1.004	25.5	1.118	28.4	1.300	33.0	22-24
18	1.126	28.6	1.240	31.5	1.425	36.2	24
20	1.252	31.8	1.366	34.7	1.551	39.4	24

TABLE 2: LENGTH CODE

Length Code	J		K Max		L Max	
	in	mm	in	mm	in	mm
A	.291	7.4	1.035	26.3	1.362	34.6
B	.606	15.4	1.350	34.3	1.677	42.6
C	.803	20.4	1.547	39.3	1.874	47.6
D	1.197	30.4	1.941	49.3	2.768	57.6

FIGURE 1: SLOT OPTION (L)



Entry Size	Slot Length in	Slot Length mm
03, 04, 05	.157	4.0
06, 07, 08	.276	7.0
10, 12	.433	11.0
14, 16	.472	12.0
18, 20	.551	14.0

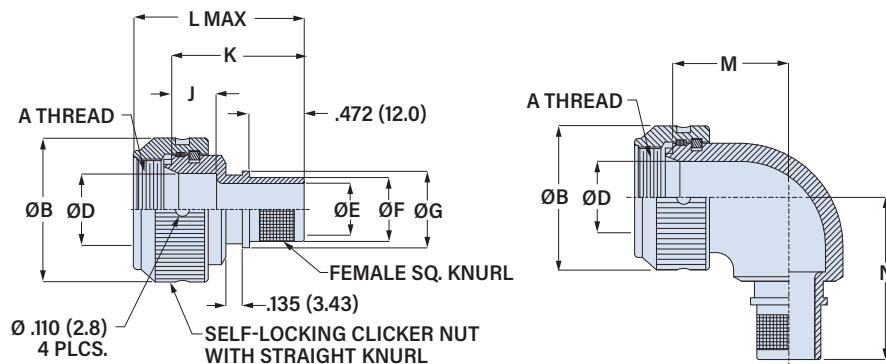
Self-locking. Impact resistant coupling nut. 447A*531 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III and EN2997 connectors. Impact resistant coupling nut has 2.8 mm spanner wrench holes. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach shielding and overbraid sleeving to backshell with band strap (not supplied). Shrink boot (not supplied) adds strain relief and environmental protection. Aluminum or stainless steel with thermoplastic detent spring and SST retainer ring.

PART NUMBER

	447AS531	ZI	18	10	B	L	-157	
Base P/N	Base Part No.	Profile						
	447AS531	S	Straight					
	447AJ531	J	90°					
Material/Finish	M	Alum/ Electroless Nickel						
	MT	Alum/ Nickel-PTFE						
	NF	Alum/ Olive Drab Cadmium						
	ZR	Alum/ Black Zinc-Nickel						
	TZ	Alum/ Tin-Zinc						
	ZI	SST/ Passivated						
Shell Size	08 10 12 14 16 18 20 22 24							
Entry Size	See Table 1							
Length	Applies to Profile S only. See Table 2. A B C D							
Slot	Omit if not required. See Figure 1. L Slots for Individual Shields							
Teflon Coating	Omit if not required. -157 Teflon Coating on Inside Surface							

S Straight

J 90°



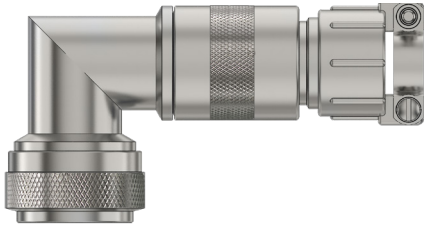
Shell Size	A Thread Class 2B	øB Max in	øB Max mm	øD Max in	øD Max mm	M Max in	M Max mm	N Max in	N Max mm	Max Entry Size
08	0.500-20 UNF	.885	22.5	.270	6.86	.583	14.8	1.222	31.1	05
10	0.625-24 UNEF	1.010	25.7	.375	9.53	.654	16.6	1.347	34.2	07
12	0.750-20 UNEF	1.135	28.8	.511	12.98	.713	18.1	1.494	38.0	08
14	0.875-20 UNEF	1.260	32.0	.585	14.86	.736	18.7	1.561	39.7	10
16	1.000-20 UNEF	1.385	35.2	.710	18.03	.799	20.3	1.624	41.3	12
18	1.0625-18 UNEF	1.510	38.6	.789	20.04	.839	21.3	1.722	43.8	12
20	1.1875-18 UNEF	1.635	41.5	.914	23.22	.898	22.8	1.847	46.9	14
22	1.3125-18 UNEF	1.760	44.7	1.039	26.39	.961	24.4	1.972	50.1	16
24	1.4375-18 UNEF	1.885	47.9	1.154	29.31	1.027	26.1	2.097	53.3	20

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

443A*024 Banding Backshell, Shrouded Environmental

Self-Locking

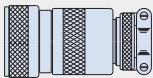


Adapter Code A

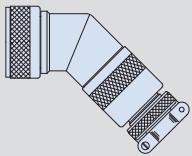
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PROFILE SELECTION GUIDE

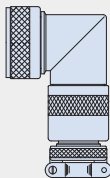
S Straight



H 45°



J 90°



Environmental. "Band-in-a-Can" shield termination. Saddle clamp. 443A*024 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (not supplied). Environmentally sealed with O-rings and cable grommet. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings and grommet. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

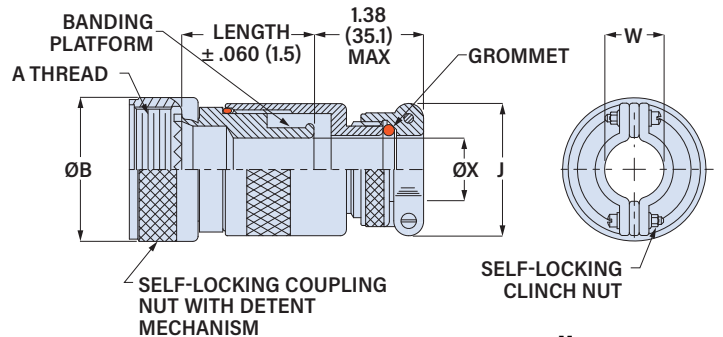
PART NUMBER

			443AS024	NF	18	06-	3	S
Base P/N	Base Part No.	Profile	443AS024	S	Straight			
	443AH024	H	45°					
	443AJ024	J	90°					
Material/Finish	M	Alum/ Electroless Nickel						
	MT	Alum/ Nickel-PTFE						
	NF	Alum/ Olive Drab Cadmium						
	ZR	Alum/ Black Zinc-Nickel						
	TZ	Alum/ Tin-Zinc						
ZM	SST/ Electroless Nickel							
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36							
Entry Size	See Table 1							
Length	2	1.0 inch	Applies to Profile S only.					
	3	1.5 inches	If Entry Size is greater than					
	4	2.0 inches	"Maximum Entry Size", then 2 inch					
	6	3.0 inches	minimum applies.					
Self-Locking	S	Self-Locking Coupling Nut						

TABLE 1: ENTRY SIZE

Entry Size	Cable Range		J Max.	W Closed	ø X Min	Shell Sizes*
	Min.	Max.				
01	.125	3.2	.250	6.4	1.05	26.7 .264 6.7 .25 6.4 08-36
02	.188	4.8	.375	9.5	1.20	30.5 .344 8.7 .37 9.4 10-36
03	.312	7.9	.438	11.1	1.30	33.0 .460 11.7 .43 10.9 10-36
04	.343	8.7	.500	12.7	1.44	36.6 .545 13.8 .50 12.7 12-36
05	.438	11.1	.625	15.9	1.69	42.9 .698 17.7 .62 15.7 16-36
06	.562	14.3	.750	19.1	1.77	45.0 .780 19.8 .75 19.1 18-36
07	.688	17.5	.875	22.2	2.12	53.8 .950 24.1 .87 22.1 20-36
08	.812	20.6	1.000	25.4	2.50	63.5 1.015 25.8 1.00 25.4 22-36
09	.938	23.8	1.125	28.6	2.62	66.5 1.187 30.1 1.12 28.4 24-36
10	1.062	27.0	1.250	31.8	2.68	68.1 1.220 31.0 1.25 31.8 28-36
11	1.125	28.6	1.375	34.9	3.00	76.2 1.500 38.1 1.38 35.1 28-36
12	1.250	31.8	1.500	38.1	3.50	88.9 1.625 41.3 1.50 38.1 32-36

*If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See **Maximum Entry Size** for details.

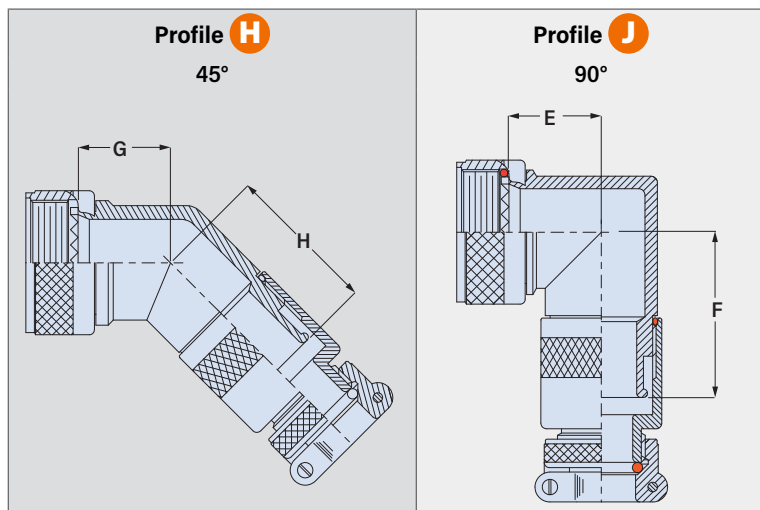


Shell Size	A Thread Class 2B	øB Max in	Max Entry Size
08	0.500-20 UNF	.69 17.5	01
10	0.625-24 UNEF	.82 20.8	02
12	0.750-20 UNEF	.94 23.8	04
14	0.875-20 UNEF	1.06 26.9	04
16	1.000-20 UNEF	1.17 29.7	05
18	1.0625-18 UNEF	1.46 37.1	06
20	1.1875-18 UNEF	1.60 40.6	07
22	1.3125-18 UNEF	1.70 43.2	08
24	1.4375-18 UNEF	1.84 46.7	09
28	1.750-18 UNS	2.01 51.1	11
32	2.000-18 UNS	2.26 57.4	12
36	2.250-16 UN	2.53 64.3	12

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

443A*024 Banding Backshell, Shrouded, Environmental, Saddle Clamp



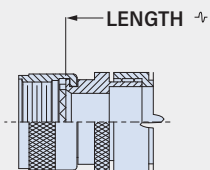
Shell Size	E Max.		F Max.		G Max.		H Max.	
	in	mm	in	mm	in	mm	in	mm
08	.75	19.1	1.50	38.1	.639	16.2	1.380	35.1
10	.81	20.6	1.55	39.4	.664	16.9	1.410	35.8
12	.87	22.1	1.61	40.9	.688	17.5	1.430	36.3
14	.92	23.4	1.68	42.7	.705	17.9	1.460	37.1
16	.98	24.9	1.74	44.2	.732	18.6	1.480	37.6
18	1.02	25.9	1.76	44.7	.748	19.0	1.490	37.8
20	1.08	27.4	1.82	46.2	.773	19.6	1.510	38.4
22	1.14	29.0	1.90	48.3	.800	20.3	1.550	39.4
24	1.20	30.5	1.97	50.0	.823	20.9	1.580	40.1
28	1.48	37.6	2.21	56.1	1.041	26.4	1.750	44.5
32	1.55	39.4	2.34	59.4	1.280	32.5	1.880	47.8
36	1.65	41.9	2.41	61.2	1.294	32.9	2.000	50.8

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

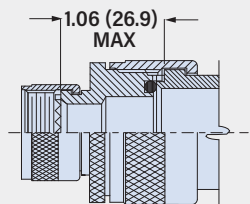
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	01	20	07
10	02	22	08
12	04	24	09
14	04	28	11
16	05	32	12
18	06	36	12

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 2 (1 inch) to 4 (2 inches).

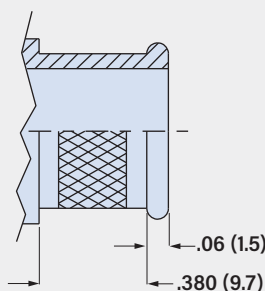
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.06 inches.

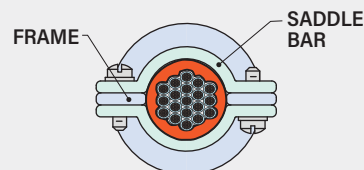
BAND

SST band strap (not included, ordered separately) provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



APPLICATION NOTE

This backshell has a *full radius* saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.

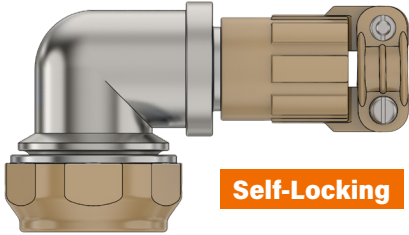


FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

447A*328 Banding Backshell, Composite, Shrouded



Self-Locking

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Std. Band
601-041

Lightweight. Composite. Band-in-a-Can shield termination. 447A*328 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Glass-reinforced thermoplastic.

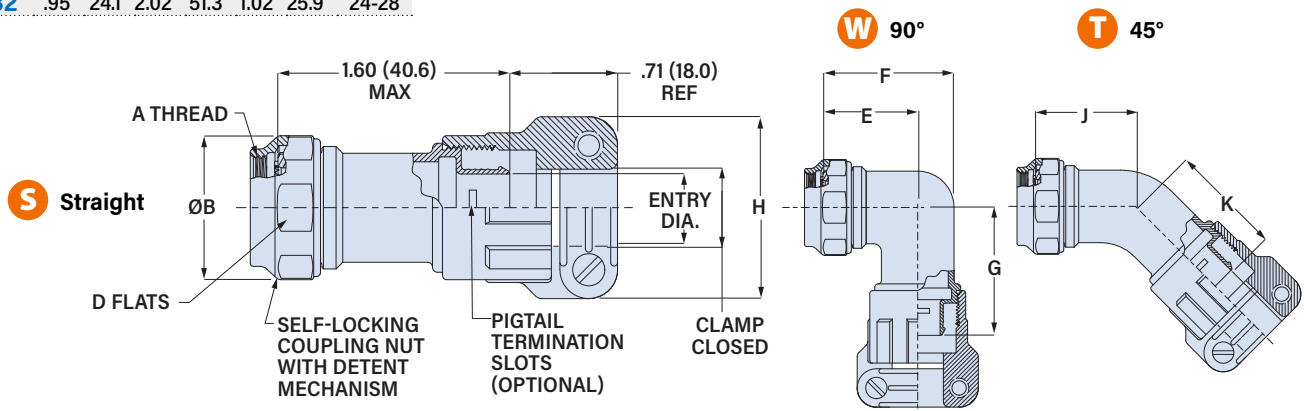
PART NUMBER

		447AS328	XM	14	12	K	S
Base P/N	Base Part No.	447AS328	S				
	Profile	S Straight					
	447AT328	T 45°					
	447AW328	W 90°					
Finish	XM	Electroless Nickel					
	XMT	Nickel-PTFE					
	XW	Olive Drab Cadmium					
	XTZ	Tin-Zinc					
		<i>Coupling nut and saddle clamp are unplated amber color.</i>					
Shell Size		08 10 12 14 16 18 20 22 24 28					
Entry Size		<i>See Table 1</i>					
Band		<i>Omit if not required</i>					
	K	Pre-Coiled Band Included					
Slot		<i>Omit if not required</i>					
	S	Pigtail Termination Slots					

TABLE 1: ENTRY SIZE

Entry Size	Entry Dia.		H		Clamp Closed		Shell Sizes
	±.03 (0.8)	±.06 (1.5)	±.03 (0.8)	±.03 (0.8)	±.03 (0.8)	±.03 (0.8)	
	in	mm	in	mm	in	mm	
10	.22	5.6	.94	23.9	.26	6.6	08-28
12	.28	7.1	1.17	29.7	.34	8.6	10-28
14	.34	8.6	1.28	32.5	.46	11.7	12-28
16	.46	11.7	1.41	35.8	.55	14.0	14-28
18	.55	14.0	1.50	38.1	.62	15.7	16-28
20	.62	15.7	1.56	39.6	.70	17.8	16-28
22	.70	17.8	1.69	42.9	.78	19.8	20-28
24	.78	19.8	1.81	46.0	.85	21.6	22-28
28	.85	21.6	1.91	48.5	.95	24.1	24-28
32	.95	24.1	2.02	51.3	1.02	25.9	24-28

Shell Size	A Thread Class 2B	øB Max in mm	D Hex Flats in mm	E ±.06(1.5) in mm	F ±.09(2.3) in mm	G Max in mm	J ±.06(1.5) in mm	K ±.09(2.3) in mm	Max Entry Size
08	0.500-20 UNF	.86 21.8	.750 19.1	.69 17.5	.88 22.4	1.31 33.3	.72 18.3	1.15 29.2	10
10	0.625-24 UNEF	.98 24.9	.875 22.2	.75 19.1	1.00 25.4	1.42 36.1	.75 19.1	1.27 32.3	12
12	0.750-20 UNEF	1.16 29.5	1.000 25.4	.81 20.6	1.13 28.7	1.57 39.9	.75 19.1	1.33 33.8	14
14	0.875-20 UNEF	1.28 32.5	1.125 28.6	.88 22.4	1.31 33.3	1.57 39.9	.76 19.3	1.37 34.8	16
16	1.000-20 UNEF	1.41 35.8	1.250 31.8	.94 23.9	1.38 35.1	1.64 41.7	.78 19.8	1.39 35.3	20
18	1.0625-18 UNEF	1.52 38.6	1.375 34.9	.97 24.6	1.44 36.6	1.73 43.9	.79 20.1	1.41 35.8	20
20	1.1875-18 UNEF	1.64 41.7	1.500 38.1	1.06 26.9	1.63 41.4	1.82 46.2	.82 20.8	1.43 36.3	22
22	1.3125-18 UNEF	1.77 45.0	1.625 41.3	1.13 28.7	1.75 44.5	1.82 46.2	.86 21.8	1.47 37.3	24
24	1.4375-18 UNEF	1.89 48.0	1.750 44.5	1.19 30.2	1.88 47.8	1.92 48.8	.89 22.6	1.50 38.1	32
28	1.750-18 UNS	2.15 54.6	2.000 50.8	1.34 34.0	2.13 54.1	2.00 50.8	.92 23.4	1.53 38.9	32



Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

447AC659 Banding Backshell, Shrouded Low Profile 90°



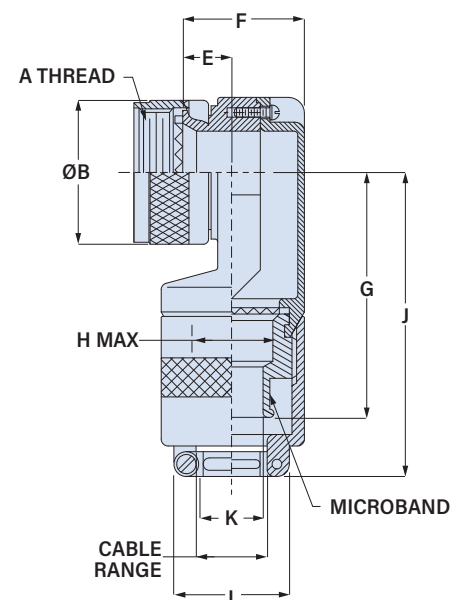
"Band-in-a-Can" shield termination. Low profile. Saddle clamp. 447AC659 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. "Cobra" style split construction with screw-on lid for easy wire routing. Terminate cable braid shield to banding platform with micro band strap. Saddle clamp provides cable strain relief. Aluminum. Saddle clamp hardware is passivated SST.

Adapter Code A
 AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

BAND
 Terminate cable braid to backshell with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Entry Sizes	Pre-Coiled Band P/N	Length
10 - 16	601-061	8.13 (206)
18 - 20	601-065	14.25 (362)



PART NUMBER

Base P/N	447AC659	M	18	14	K																																													
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc																																																	
Shell Size	08 10 12 14 16 18 20 22 24																																																	
Entry Size	<table border="1"> <thead> <tr> <th rowspan="2">Entry Size</th> <th colspan="4">Cable Range</th> <th rowspan="2">Shell Sizes</th> </tr> <tr> <th colspan="2">Inches</th> <th colspan="2">mm</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>.130</td> <td>.250</td> <td>3.3</td> <td>6.4</td> <td>08-24</td> </tr> <tr> <td>12</td> <td>.250</td> <td>.380</td> <td>6.4</td> <td>9.7</td> <td>10-24</td> </tr> <tr> <td>14</td> <td>.310</td> <td>.440</td> <td>7.9</td> <td>11.2</td> <td>14-24</td> </tr> <tr> <td>16</td> <td>.375</td> <td>.630</td> <td>9.5</td> <td>16.0</td> <td>16-24</td> </tr> <tr> <td>18</td> <td>.560</td> <td>.690</td> <td>14.2</td> <td>17.5</td> <td>22-24</td> </tr> <tr> <td>20</td> <td>.630</td> <td>.750</td> <td>16.0</td> <td>19.1</td> <td>22-24</td> </tr> </tbody> </table>	Entry Size	Cable Range				Shell Sizes	Inches		mm		10	.130	.250	3.3	6.4	08-24	12	.250	.380	6.4	9.7	10-24	14	.310	.440	7.9	11.2	14-24	16	.375	.630	9.5	16.0	16-24	18	.560	.690	14.2	17.5	22-24	20	.630	.750	16.0	19.1	22-24			
Entry Size	Cable Range				Shell Sizes																																													
	Inches		mm																																															
10	.130	.250	3.3	6.4	08-24																																													
12	.250	.380	6.4	9.7	10-24																																													
14	.310	.440	7.9	11.2	14-24																																													
16	.375	.630	9.5	16.0	16-24																																													
18	.560	.690	14.2	17.5	22-24																																													
20	.630	.750	16.0	19.1	22-24																																													
Band	Omit if not required K Pre-Coiled Band Included With Backshell																																																	

Shell Size	A Thread Class 2B	øB Max in mm	E Max. in mm	F Max. in mm	G Max. in mm	H Max. in mm	J Max. in mm	Max Entry Size
08	0.500-20 UNF	.65 16.5	.34 8.6	.681 17.3	1.62 41.1	.25 6.4	2.12 53.8	10
10	0.625-24 UNEF	.77 19.6	.27 6.9	.731 18.6	1.78 45.2	.38 9.5	2.28 57.9	12
12	0.750-20 UNEF	.94 23.9	.27 6.9	.731 18.6	1.78 45.2	.38 9.5	2.28 57.9	12
14	0.875-20 UNEF	1.02 25.9	.28 7.1	.831 21.1	1.85 47.0	.50 12.7	2.35 59.7	14
16	1.000-20 UNEF	1.21 30.7	.42 10.7	.981 24.9	1.90 48.3	.63 15.9	2.40 61.0	16
18	1.0625-18 UNEF	1.23 31.2	.64 16.3	1.181 30.0	1.93 49.0	.63 15.9	2.43 61.7	16
20	1.1875-18 UNEF	1.36 34.5	.64 16.3	1.181 30.0	1.93 49.0	.63 15.9	2.43 61.7	16
22	1.3125-18 UNEF	1.48 37.6	.54 13.7	1.181 30.0	2.08 52.8	.75 19.1	2.58 65.5	20
24	1.4375-18 UNEF	1.73 43.9	.54 13.7	1.181 30.0	2.08 52.8	.75 19.1	2.58 65.5	20

Entry Size	ø K		L		Cable Range				Shell Sizes
	±.03 (0.8) in mm	Max in mm	Max in mm	Max in mm	Min. Inches	Max. Inches	Min. mm	Max. mm	
10	.22	5.6	1.00	25.4	.130	.250	3.3	6.4	08-24
12	.31	7.9	1.25	31.8	.250	.380	6.4	9.7	12-24
14	.44	11.2	1.34	34.0	.310	.440	7.9	11.2	14-24
16	.56	14.2	1.47	37.3	.375	.630	9.5	16.0	16-24
18	.63	16.0	1.56	38.1	.560	.690	14.2	17.5	22-24
20	.75	19.1	1.62	41.1	.630	.750	16.0	19.1	22-24



Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

447AS523 Banding/ Overmolding Adapter



Low Profile. Micro band. Direct coupling. 447AS523 banding/overmolding adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Terminate cable braid shield to adapter with .120" width micro band (sold separately). Aluminum or stainless steel, silicone O-ring.

PART NUMBER

447AS523 M 18

Base P/N 447AS523

Material/Finish
M Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
ZI SST/ Passivated

Shell Size 08 10 12 14 16 18 20 22 24 28 32

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.

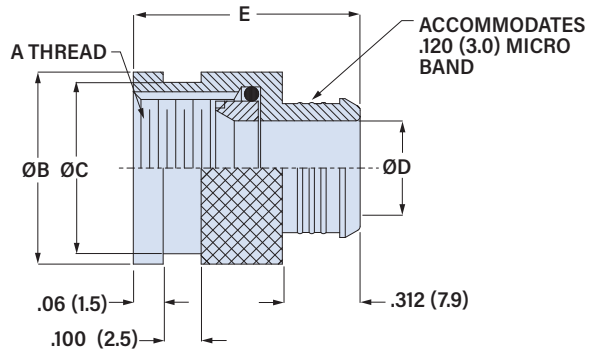


Micro Band



Hand Tool
601-101

Pre-Coiled Band P/N	Length	Max. Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

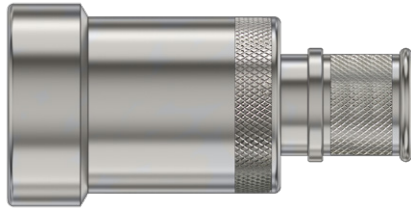


Shell Size	A Thread Class 2B	± .015 (0.4)		± .015 (0.4)		± .015 (0.4)		E ± .03 (0.8)	
		in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.625	15.9	.562	14.3	.250	6.4	.880	22.4
10	0.625-24 UNEF	.750	19.1	.687	17.4	.375	9.5	.880	22.4
12	0.750-20 UNEF	.875	22.2	.812	20.6	.500	12.7	.880	22.4
14	0.875-20 UNEF	1.000	25.4	.937	23.8	.625	15.9	.880	22.4
16	1.000-20 UNEF	1.125	28.6	1.062	27.0	.750	19.1	.880	22.4
18	1.0625-18 UNEF	1.188	30.2	1.125	28.6	.875	22.2	.880	22.4
20	1.1875-18 UNEF	1.312	33.3	1.250	31.8	1.000	25.4	.880	22.4
22	1.3125-18 UNEF	1.438	36.5	1.375	34.9	1.125	28.6	.880	22.4
24	1.4375-18 UNEF	1.562	39.7	1.500	38.1	1.250	31.8	.880	22.4
28	1.750-18 UNS	1.937	49.2	1.875	47.6	1.500	38.1	1.060	26.9
32	2.000-18 UNS	2.250	57.2	2.188	55.6	1.750	44.5	1.060	26.9

Series 44 Banding Backshells

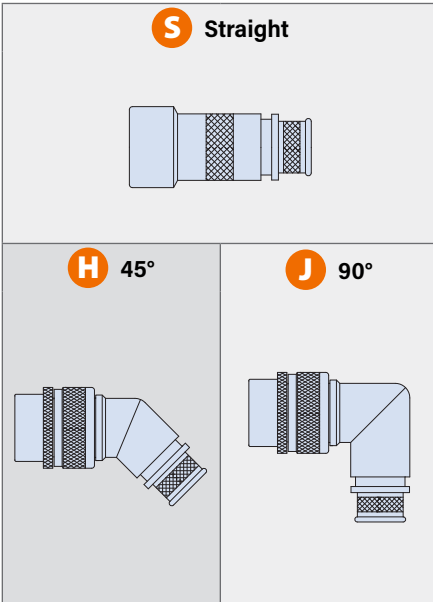
for AS50151 Solder Connectors

440B*031 Banding Backshell, Shrink Boot, Direct Coupling



Adapter Code B
Fits AS50151 Series 1 AN Type solder Connectors. AS310*, MS3100.

PROFILE SELECTION GUIDE



Banding. Direct coupling. 440B*031 banding backshell fits AS50151 (MS3100) solder connectors. Includes universal thread adapters as required to assure compatibility with all connector manufacturers. Direct coupling, environmental (requires optional shrink boot). Available in aluminum or stainless steel. Silicone O-rings.

PART NUMBER

		440BS031	NF	16	03-	3	K	T	A
Base P/N	Base Part No.	440BS031	S	Straight					
		440BH031	H	45°					
		440BJ031	J	90°					
Material/Finish	M	Alum/ Electroless Nickel							
	MT	Alum/ Nickel-PTFE							
	NF	Alum/ Olive Drab Cadmium							
	ZR	Alum/ Black Zinc-Nickel							
	TZ	Alum/ Tin-Zinc							
	ZI	SST/ Passivated							
Shell Size	Code	Shell Size	Code	Shell Size					
	05	10S	20	22					
	08	10SL	21	24					
	11	12, 12S	22	28					
	14	14, 14S	23	32					
	15	16, 16S	26	36					
	16	18	31	40					
	17	20							
Entry Size	See Table 1								
Length	3	1.5 inches	Applies to Profile S only.						
	4	2.0 inches	1.5 inch minimum. If Entry Size is						
	6	3.0 inches	greater than "Max. Entry Size" in table,						
	8	4.0 inches	then 2 inch minimum applies.						
Band	Omit if not required								
	K	Pre-Coiled Band Included With Backshell							
Shrink Boot	Omit if not required								
	T	Shrink Boot Included With Backshell							
Connector Manufacturer Code	A	Universal							
	Compatible with all manufacturers. Includes additional thread adapter(s) as necessary to fit multiple manufacturers. See following page for thread adapter details.								

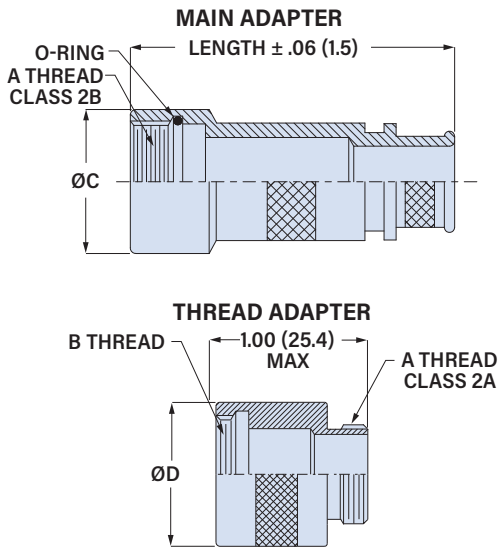
TABLE 1: ENTRY SIZE

Entry Size	ØK		ØL		ØM		Entry Size	ØK		ØL		ØM	
	±.015 (0.4) in	mm	±.015 (0.4) in	mm	±.015 (0.4) in	mm		±.015 (0.4) in	mm	±.015 (0.4) in	mm	±.015 (0.4) in	mm
01	.125	3.2	.250	6.4	.312	7.9	07	.875	22.2	1.000	25.4	1.062	27.0
31	.188	4.8	.312	7.9	.375	9.5	37	.938	23.8	1.062	27.0	1.125	28.6
02	.250	6.4	.375	9.5	.438	11.1	08	1.000	25.4	1.125	28.6	1.188	30.2
32	.312	7.9	.438	11.1	.500	12.7	38	1.062	27.0	1.188	30.2	1.250	31.8
03	.375	9.5	.500	12.7	.562	14.3	09	1.125	28.6	1.250	31.8	1.312	33.3
33	.438	11.1	.562	14.3	.625	15.9	10	1.250	31.8	1.375	34.9	1.438	36.5
04	.500	12.7	.625	15.9	.687	17.4	11	1.375	34.9	1.500	38.1	1.562	39.7
34	.562	14.3	.688	17.5	.750	19.1	12	1.500	38.1	1.625	41.3	1.688	42.9
05	.625	15.9	.750	19.1	.812	20.6	13	1.625	41.3	1.750	44.5	1.812	46.0
35	.688	17.5	.812	20.6	.875	22.2	14	1.750	44.5	1.875	47.6	1.938	49.2
06	.750	19.1	.875	22.2	.938	23.8	15	1.875	47.6	2.000	50.8	2.062	52.4
36	.812	20.6	.938	23.8	1.000	25.4	16	2.000	50.8	2.125	54.0	2.188	55.6

Series 44 Banding Backshells

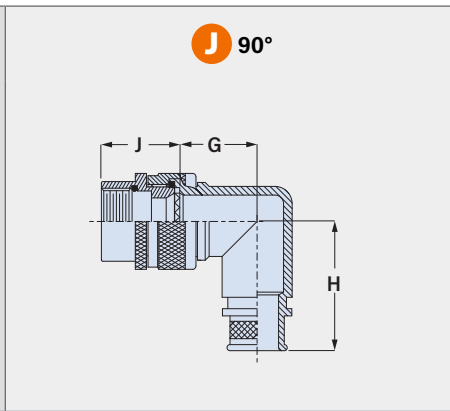
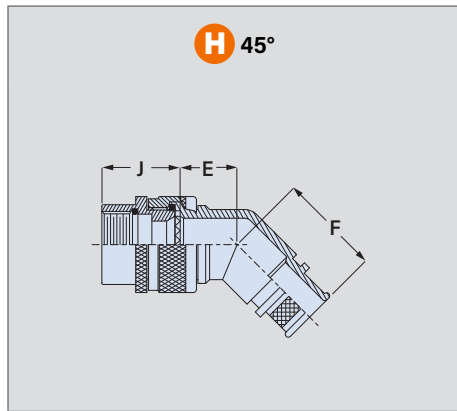
for AS50151 Solder Connectors

440B*031 Banding Backshell, Shrink Boot, Direct Coupling



Shell Size Code	Shell Size	A Main Backshell Class 2B	B Thread Adapter Class 2B	øC Max		øD Max		Max. Entry Size (1)
				in	mm	in	mm	
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4	03
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4	33
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6	33
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A	05
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A	35
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A	07
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3	37
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A	09
21	24	1.3750-18 UNEF	N/A	1.600	37.3	N/A	N/A	10
22	28	1.6250-18 UNEF	N/A	1.850	40.5	N/A	N/A	11
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4	13
26	36	2.1250-16 UN	2.0625-16 UNS	2.375	60.3	2.312	58.7	14
			2.0625-20 UNEF					
			2.1250-18 UNS					
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1	16

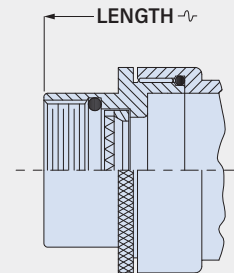
1) "Max. Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the size shown in the table above, a Style 2 adapter will be included. The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).



Entry Size	E Max		F Max		G Max		H Max	
	in	mm	in	mm	in	mm	in	mm
01	.625	15.9	.940	23.9	.732	18.6	1.078	27.4
02, 31	.625	15.9	.940	23.9	.732	18.6	1.078	27.4
03, 32	.688	17.5	1.000	25.4	.757	19.2	1.108	28.1
04, 33	.711	18.1	1.050	26.7	.781	19.8	1.128	28.7
05, 34	.781	19.8	1.150	29.2	.825	21.0	1.178	29.9
06, 35	.841	21.4	1.188	30.2	.896	22.8	1.190	30.2
07, 36	.866	22.0	1.208	30.7	1.093	27.8	1.250	31.8
08, 37	.893	22.7	1.248	31.7	1.250	31.8	1.320	33.5
09, 38	.916	23.3	1.278	32.5	1.312	33.3	1.380	35.1
10	1.134	28.8	1.448	36.8	1.375	34.9	1.500	38.1
11	1.134	28.8	1.448	36.8	1.375	34.9	1.500	38.1
12	1.185	30.1	1.488	37.8	1.687	42.8	1.620	41.1
13	1.185	30.1	1.488	37.8	1.687	42.8	1.620	41.1
14	1.225	31.1	1.538	39.1	1.812	46.0	1.750	44.5
15	1.225	31.1	1.538	39.1	1.812	46.0	1.750	44.5
16	1.225	31.1	1.788	45.4	1.812	46.0	2.000	50.8

Shell Size Code	Shell Size	J Max	
		in	mm
05	10S	1.25	31.8
08	10SL	1.25	31.8
11	12, 12S	1.25	31.8
14	14, 14S	1.25	31.8
15	16, 16S	1.56	39.6
16	18	1.56	39.6
17	20	1.56	39.6
20	22	1.56	39.6
21	24	1.56	39.6
22	28	1.56	39.6
23	32	1.75	44.5
26	36	1.75	44.5
31	40	2.19	55.6

STYLE 2 BACKSHELL



Applies to Profile S only. If the selected entry size is larger than the size shown in the table above, a Style 2 adapter will be included. The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Series 44 Banding Backshells

for MIL-DTL-26482 Series I Connectors

440D*031 Banding Backshell, Shrink Boot, Direct Coupling

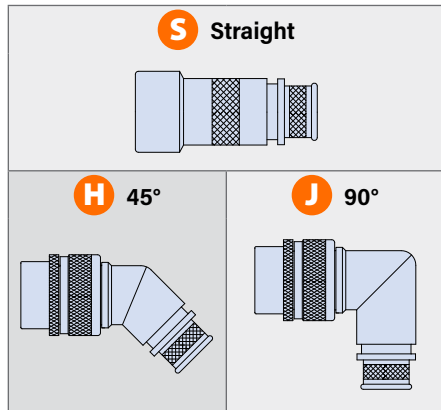


Banding. Direct coupling. 440D*031 banding backshell fits M26482 Series I connectors. Direct coupling. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Available in aluminum or stainless steel. Silicone O-rings.

Adapter Code **D**

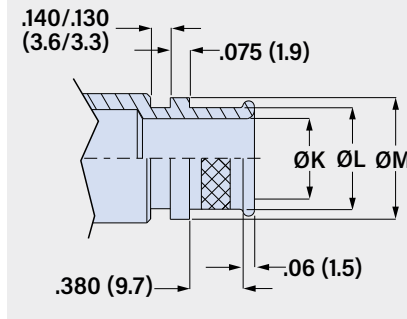
This accessory fits MIL-DTL-26482 Series I connectors

PROFILE SELECTION GUIDE



PART NUMBER		440DS031	NF	08	03-	4	K	T
Base P/N	Base Part No.	440DS031	S	Straight				
		440DH031	H	45°				
		440DJ031	J	90°				
Material/Finish	M	Alum/ Electroless Nickel						
	MT	Alum/ Nickel-PTFE						
	NF	Alum/ Olive Drab Cadmium						
	ZR	Alum/ Black Zinc-Nickel						
	TZ	Alum/ Tin-Zinc						
	ZI	SST/ Passivated						
Shell Size	08 10 12 14 16 18 20 22 24							
Entry Size	See Table 1							
Length	3	1.5 inches	Applies to Profile S only.					
	4	2.0 inches	1.5 inch minimum. If Entry Size is greater than "Max. Entry Size" in table, then 2 inch minimum applies.					
	6	3.0 inches						
	8	4.0 inches						
Band	Omit if not required							
	K	Pre-Coiled Band Included With Backshell						
Shrink Boot	Omit if not required							
	T	Shrink Boot Included With Backshell						

TABLE 1: ENTRY SIZE

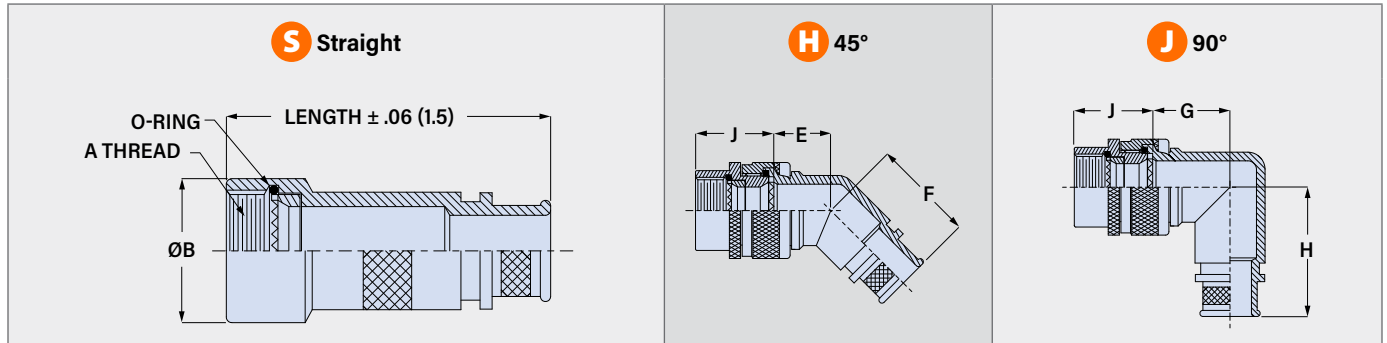


Entry Size	Shell Sizes	±.015 (0.4)		±.030 (0.8)		±.015 (0.4)		Entry Size	Shell Sizes	±.015 (0.4)		±.030 (0.8)		±.015 (0.4)	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
01	08-24	.125	3.2	.250	6.4	.312	7.9	07	18-24	.875	22.2	1.000	25.4	1.062	27.0
31	08-24	.188	4.8	.312	7.9	.375	9.5	37	20-24	.938	23.8	1.062	27.0	1.125	28.6
02	08-24	.250	6.4	.375	9.5	.438	11.1	08	20-24	1.000	25.4	1.125	28.6	1.188	30.2
32	10-24	.312	7.9	.438	11.1	.500	12.7	38	22-24	1.062	27.0	1.188	30.2	1.250	31.8
03	10-24	.375	9.5	.500	12.7	.562	14.3	09	22-24	1.125	28.6	1.250	31.8	1.312	33.3
33	12-24	.438	11.1	.562	14.3	.625	15.9	10	24	1.250	31.8	1.375	34.9	1.438	36.5
04	12-24	.500	12.7	.625	15.9	.687	17.4	11	-	1.375	34.9	1.500	38.1	1.562	39.7
34	14-24	.562	14.3	.688	17.5	.750	19.1	12	-	1.500	38.1	1.625	41.3	1.688	42.9
05	14-24	.625	15.9	.750	19.1	.812	20.6	13	-	1.625	41.3	1.750	44.5	1.812	46.0
35	16-24	.688	17.5	.812	20.6	.875	22.2	14	-	1.750	44.5	1.875	47.6	1.938	49.2
06	16-24	.750	19.1	.875	22.2	.938	23.8	15	-	1.875	47.6	2.000	50.8	2.062	52.4
36	18-24	.812	20.6	.938	23.8	1.000	25.4	16	-	2.000	50.8	2.125	54.0	2.188	55.6

Series 44 Banding Backshells

for MIL-DTL-26482 Series I Connectors

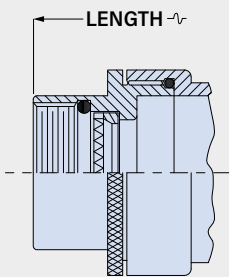
440D*031 Banding Backshell, Shrink Boot, Direct Coupling



Shell Size	A Thread UNEF-2B	ØB Max. in	mm	J Max. in	mm	Max. Entry Size (1)
08	0.4375-28	.59	15.0	1.25	31.8	02
10	0.5625-24	.72	18.3	1.25	31.8	03
12	0.6875-24	.84	21.3	1.25	31.8	04
14	0.8125-20	.97	24.6	1.25	31.8	05
16	0.9375-20	1.09	27.7	1.56	39.6	06
18	1.0625-18	1.22	31.0	1.56	39.6	07
20	1.1875-18	1.34	34.0	1.56	39.6	08
22	1.3125-18	1.47	37.3	1.56	39.6	09
24	1.4375-18	1.59	40.4	1.56	39.6	10

Entry Size	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm
01	.625	15.9	.940	23.9	.732	18.6	1.078	27.4
02, 31	.625	15.9	.940	23.9	.732	18.6	1.078	27.4
03, 32	.688	17.5	1.000	25.4	.757	19.2	1.108	28.1
04, 33	.711	18.1	1.050	26.7	.781	19.8	1.128	28.7
05, 34	.781	19.8	1.150	29.2	.825	21.0	1.178	29.9
06, 35	.841	21.4	1.188	30.2	.896	22.8	1.190	30.2
07, 36	.866	22.0	1.208	30.7	1.093	27.8	1.250	31.8
08, 37	.893	22.7	1.248	31.7	1.250	31.8	1.320	33.5
09, 38	.916	23.3	1.278	32.5	1.312	33.3	1.380	35.1
10	1.134	28.8	1.448	36.8	1.375	34.9	1.500	38.1
11	1.134	28.8	1.448	36.8	1.375	34.9	1.500	38.1
12	1.185	30.1	1.488	37.8	1.687	42.8	1.620	41.1
13	1.185	30.1	1.488	37.8	1.687	42.8	1.620	41.1
14	1.225	31.1	1.538	39.1	1.812	46.0	1.750	44.5
15	1.225	31.1	1.538	39.1	1.812	46.0	1.750	44.5
16	1.225	31.1	1.788	45.4	1.812	46.0	2.000	50.8

STYLE 2 BACKSHELL



"Max. Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the size shown in the table above, a Style 2 adapter will be included. The minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



SHRINK BOOT

Optional heatshrink boot provides environmental protection and cable strain relief. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Operating temperature range -75 to +150 °C.



Series 44 Banding Backshells

for MIL-DTL-26482 Series I Connectors

447DS523 Banding/ Overmolding Adapter



Low Profile. Micro Band. Environmental. 447DS523 banding/overmolding adapter fits MIL-DTL-26482 Series I connectors. Terminate cable braid shield to adapter with .120" width micro band (sold separately). Aluminum or stainless steel, silicone O-ring.

Adapter Code **D**

This accessory fits MIL-DTL-26482 Series I connectors

PART NUMBER

447DS523

M

18

Base P/N **447DS523**

Material/Finish

- M** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc
- ZI** SST/ Passivated

Shell Size **08 10 12 14 16 18 20 22 24**

BANDING STRAP INFORMATION

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.

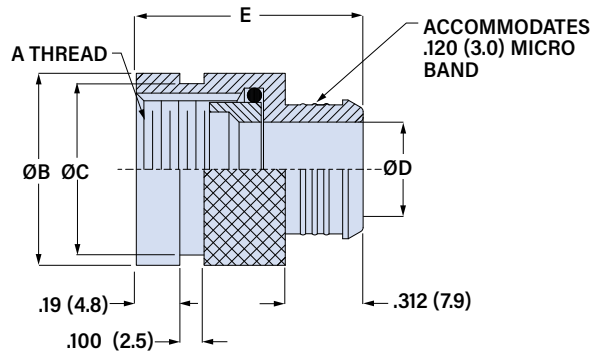


Micro Band



Hand Tool
601-101

Pre-Coiled Band P/N	Length	Max. Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

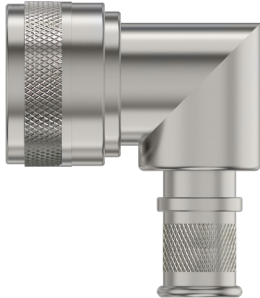


Shell Size	A	ØB		ØC		ØD		E	
	Thread	±.015 (0.4)	±.015 (0.4)	±.005 (0.13)	±.015 (0.4)	±.015 (0.4)	±.015 (0.4)	in	mm
08	0.4375-28	.562	14.3	.500	12.7	.250	6.4	.94	23.9
10	0.5625-24	.688	17.5	.625	15.9	.375	9.5	.94	23.9
12	0.6875-24	.812	20.6	.750	19.1	.500	12.7	.94	23.9
14	0.8125-20	.938	23.8	.875	22.2	.625	15.9	.94	23.9
16	0.9375-20	1.062	27.0	1.000	25.4	.750	19.1	.94	23.9
18	1.0625-18	1.188	30.2	1.125	28.6	.875	22.2	.94	23.9
20	1.1875-18	1.312	33.3	1.250	31.8	1.000	25.4	.94	23.9
22	1.3125-18	1.438	36.5	1.375	34.9	1.125	28.6	.94	23.9
24	1.4375-18	1.562	39.7	1.500	38.1	1.250	31.8	.94	23.9

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*030 Banding Backshell, Shrink Boot



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILE SELECTION GUIDE

<p>S Straight</p>	<p>C 90°</p> <p>Low Profile Split</p>
<p>D 90°</p> <p>Split</p>	<p>F 45°</p> <p>Split</p>
<p>H 45°</p> <p>Cut and Weld</p>	<p>J 90°</p> <p>Cut and Weld</p>
<p>M 45°</p> <p>Full Radius</p>	<p>N 90°</p> <p>Full Radius</p>

Spin coupling. Band-Master ATS® shield termination. 440F*030 banding backshell fits MIL-DTL-38999 Series I and II connectors. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel, silicone O-ring (not supplied on split profiles C, D and F).

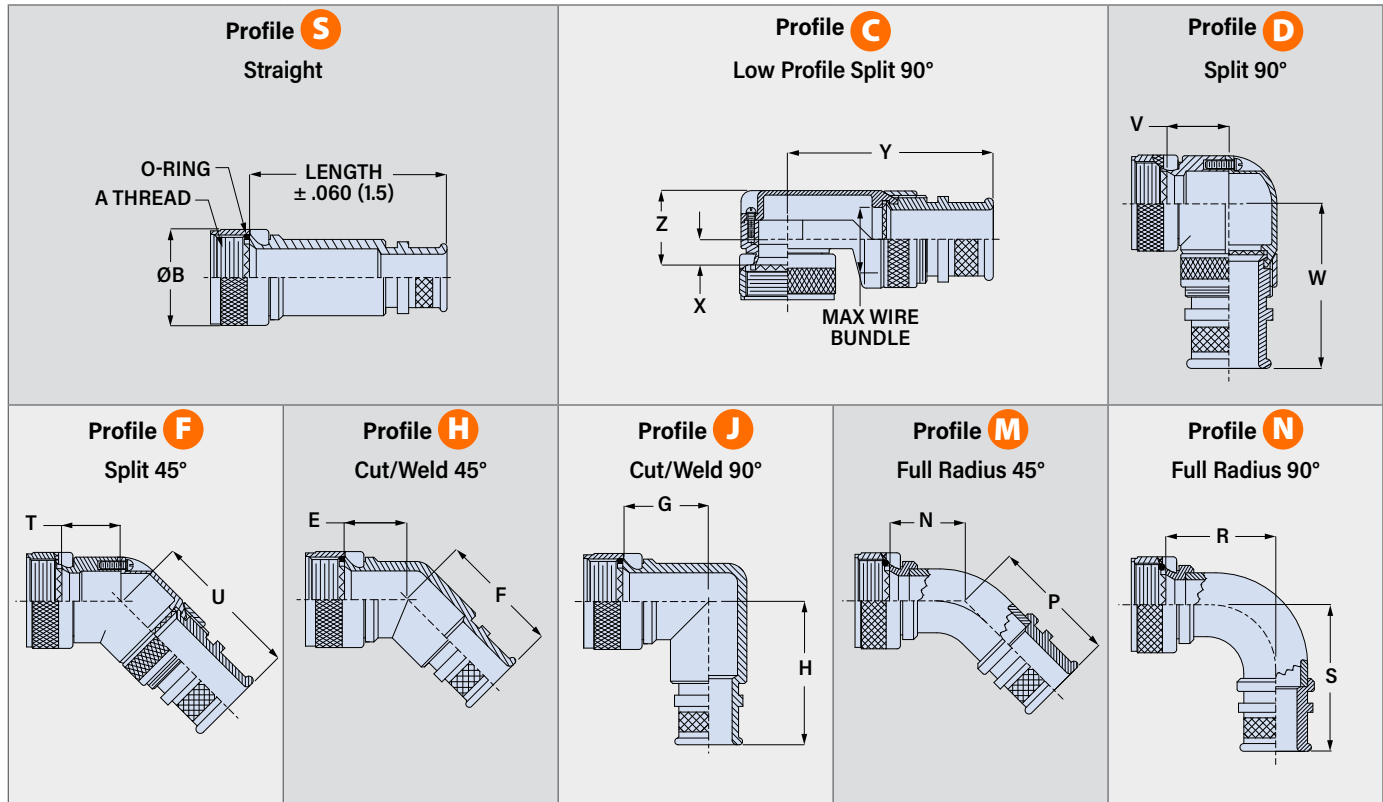
PART NUMBER

		440FS030	NF	16	06-	4	K	P	T			
Base P/N	Base Part No.	Profile										
	440FS030	S	Straight									
	440FC030	C	90° Split Low Prof.									
	440FD030	D	90° Split									
	440FF030	F	45° Split									
	440FH030	H	45° Cut/Weld									
	440FJ030	J	90° Cut/Weld									
	440FM030	M	45° Full Radius									
440FN030	N	90° Full Radius										
Material/Finish	M	Alum/ Electroless Nickel										
	MT	Alum/ Nickel-PTFE										
	NF	Alum/ Olive Drab Cadmium										
	ZR	Alum/ Black Zinc-Nickel										
	TZ	Alum/ Tin-Zinc										
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)										
Shell Size	Shell Size											
	38999 Series I	9	11	13	15	17	19	21	23	25		
	38999 Series II	8	10	12	14	16	18	20	22	24		
	Size Code	08	10	12	14	16	18	20	22	24		
Entry Size			Shell						Shell			
	Size	Inside Dia.	08-24	Size	Inside Dia.	08-24	Size	Inside Dia.	08-24	Size	Inside Dia.	
	01	.125 (3.2)	08-24	07	.875 (22.2)	18-24	31	.188 (4.8)	08-24	37	.938 (23.8)	20-24
	02	.250 (6.4)	08-24	38	1.062 (27.0)	22-24	03	.312 (7.9)	10-24	38	1.062 (27.0)	22-24
	03	.375 (9.5)	10-24	09	1.125 (28.6)	22-24	33	.438 (11.1)	12-24	10	1.250 (31.8)	24
	04	.500 (12.7)	12-24	11	1.375 (34.9)	-	34	.562 (14.3)	14-24	12	1.500 (38.1)	-
	05	.625 (15.9)	14-24	13	1.625 (41.3)	-	35	.688 (17.5)	16-24	14	1.750 (44.5)	-
	06	.750 (19.1)	16-24	15	1.875 (47.6)	-	36	.812 (20.6)	18-24	16	2.000 (50.8)	-
	* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. Δ Profile \odot entry size cannot exceed shell size range listed in table.											
	Length	3	1.5 inches	Applies to Profile S only.								
		4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.								
		5	2.5 inches									
		6	3.0 inches									
	Band	Omit if not required										
		K	Pre-Coiled Band Included With Backshell									
	Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.										
P		Nickel Plated Shield Termination Area with Polysulfide Barrier										
Shrink Boot	Omit if not required											
	T	Shrink Boot Included With Backshell										
	TI	Adhesive-lined Shrink Boot Included With Backshell										

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*030 Banding Backshell, Shrink Boot



Shell Size	A Thread UNEF-2B	ØB Max in	ØB Max mm	E Max. in	E Max. mm	F Max. in	F Max. mm	G Max. in	G Max. mm	H Max. in	H Max. mm	N Max. in	N Max. mm	P Max. in	P Max. mm	R Max. in	R Max. mm	S Max. in	S Max. mm
8/9	0.4375-28	.650	16.5	.531	13.5	.94	23.9	.639	16.2	1.110	28.2	.812	20.6	1.017	25.8	1.125	28.6	1.335	33.9
10/11	0.5625-24	.770	19.6	.594	15.1	1.00	25.4	.664	16.9	1.140	29.0	.875	22.2	1.071	27.2	1.250	31.8	1.460	37.1
12/13	0.6875-24	.890	22.6	.618	15.7	1.05	26.7	.688	17.5	1.160	29.5	.938	23.8	1.121	28.5	1.375	34.9	1.585	40.3
14/15	0.8125-20	1.020	25.9	.656	16.7	1.09	27.7	.705	17.9	1.190	30.2	1.000	25.4	1.175	29.8	1.500	38.1	1.710	43.4
16/17	0.9375-20	1.150	29.2	.688	17.5	1.15	29.2	.732	18.6	1.210	30.7	1.062	27.0	1.224	31.1	1.625	41.3	1.835	46.6
18/19	1.0625-18	1.230	31.2	.748	19.0	1.19	30.2	.803	20.4	1.221	31.0	1.094	27.8	1.274	32.4	1.750	44.5	1.960	49.8
20/21	1.1875-18	1.360	34.5	.773	19.6	1.25	31.8	1.031	26.2	1.281	32.5	1.156	29.4	1.328	33.7	1.875	47.6	2.085	53.0
22/23	1.3125-18	1.480	37.6	.800	20.3	1.32	33.5	1.156	29.4	1.351	34.3	1.188	30.2	1.382	35.1	2.000	50.8	2.210	56.1
24/25	1.4375-18	1.730	43.9	.823	20.9	1.38	35.1	1.219	31.0	1.410	35.8	1.250	31.8	1.431	36.3	2.125	54.0	2.335	59.3

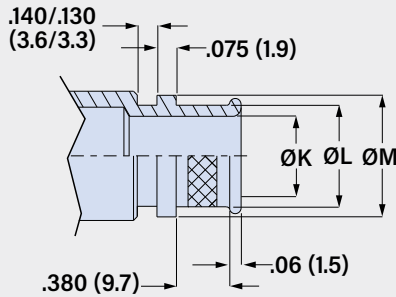
Shell Size	T Max.		U Max.		V Max.		W Max.		X Max.		Y Max.		Z Max.		Profile C Max. Wire Bundle	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	.44	11.2	1.635	41.5	.68	17.3	1.575	40.0	.34	8.6	1.915	48.6	.681	17.3	.250	6.4
10/11	.50	12.7	1.695	43.1	.75	19.1	1.635	41.5	.27	6.9	2.075	52.7	.731	18.6	.375	9.5
12/13	.56	14.2	1.765	44.8	.81	20.6	1.705	43.3	.27	6.9	2.075	52.7	.731	18.6	.375	9.5
14/15	.62	15.7	1.795	45.6	.87	22.1	1.735	44.1	.28	7.1	2.145	54.5	.831	21.1	.500	12.7
16/17	.68	17.3	1.895	48.1	.93	23.6	1.835	46.6	.42	10.7	2.195	55.8	.981	24.9	.625	15.9
18/19	.75	19.1	1.955	49.7	1.00	25.4	1.895	48.1	.64	16.3	2.225	56.5	1.181	30.0	.625	15.9
20/21	.82	20.8	2.015	51.2	1.06	26.9	1.955	49.7	.64	16.3	2.225	56.5	1.181	30.0	.625	15.9
22/23	.88	22.4	2.075	52.7	1.12	28.4	2.015	51.2	.61	15.5	2.375	60.3	1.311	33.3	.875	22.2
24/25	.94	23.9	2.135	54.2	1.18	30.0	2.075	52.7	.68	17.3	2.500	63.5	1.431	36.3	1.000	25.4

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*030 Banding Backshell, Shrink Boot

ENTRY SIZE



Entry Size	Shell Sizes	ØK		ØL		ØM	
		±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm
01	08-24	.125	3.2	.250	6.4	.312	7.9
31	08-24	.188	4.8	.312	7.9	.375	9.5
02	08-24	.250	6.4	.375	9.5	.438	11.1
32	10-24	.312	7.9	.438	11.1	.500	12.7
03	10-24	.375	9.5	.500	12.7	.562	14.3
33	12-24	.438	11.1	.562	14.3	.625	15.9
04	12-24	.500	12.7	.625	15.9	.687	17.4
34	14-24	.562	14.3	.688	17.5	.750	19.1
05	14-24	.625	15.9	.750	19.1	.812	20.6
35	16-24	.688	17.5	.812	20.6	.875	22.2
06	16-24	.750	19.1	.875	22.2	.938	23.8
36	18-24	.812	20.6	.938	23.8	1.000	25.4
07	18-24	.875	22.2	1.000	25.4	1.062	27.0
37	20-24	.938	23.8	1.062	27.0	1.125	28.6
08	20-24	1.000	25.4	1.125	28.6	1.188	30.2
38	22-24	1.062	27.0	1.188	30.2	1.250	31.8
09	22-24	1.125	28.6	1.250	31.8	1.312	33.3
10	24	1.250	31.8	1.375	34.9	1.438	36.5
11	-	1.375	34.9	1.500	38.1	1.562	39.7
12	-	1.500	38.1	1.625	41.3	1.688	42.9
13	-	1.625	41.3	1.750	44.5	1.812	46.0
14	-	1.750	44.5	1.875	47.6	1.938	49.2
15	-	1.875	47.6	2.000	50.8	2.062	52.4
16	-	2.000	50.8	2.125	54.0	2.188	55.6

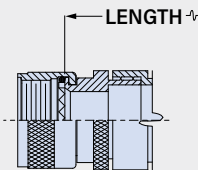
MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

△ Profile C backshells are not available with entry sizes larger than shown in table.

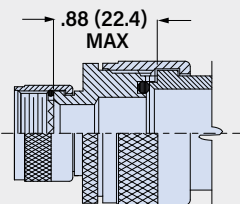
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
8/9	02	18/19	07
10/11	03	20/21	08
12/13	04	22/23	09
14/15	05	24/25	10
16/17	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

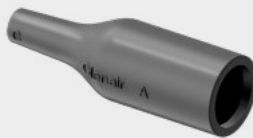
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inches.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).

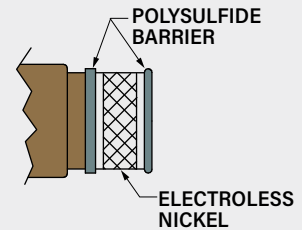


Entry Sizes	Shrink Boot P/N	Adhesive Lined Shrink Boot P/N
01-31	770-003S111	770-003S111W1
02-32	770-003S112	770-003S112W1
03	770-001S103	770-001S103W1
33-35	770-001S104	770-001S104W1
06-37	770-001S105	770-001S105W1
08-38	770-001S106	770-001S106W1
09-12	770-001S107	770-001S107W1
13-14	770-001S108	770-001S108W1
15-16	770-001S109	770-001S109W1

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

△ Plating codes NF, ZR and TZ only



BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band 601-041

Banding Tool 601-100

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*069 Banding Backshell, Shrink Boot, Self-Locking



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILE SELECTION GUIDE

<p>S Straight</p>	<p>C 90°</p> <p>Low Profile Split</p>
<p>D 90°</p> <p>Split</p>	<p>F 45°</p> <p>Split</p>
<p>H 45°</p> <p>Cut and Weld</p>	<p>J 90°</p> <p>Cut and Weld</p>
<p>M 45°</p> <p>Full Radius</p>	<p>N 90°</p> <p>Full Radius</p>

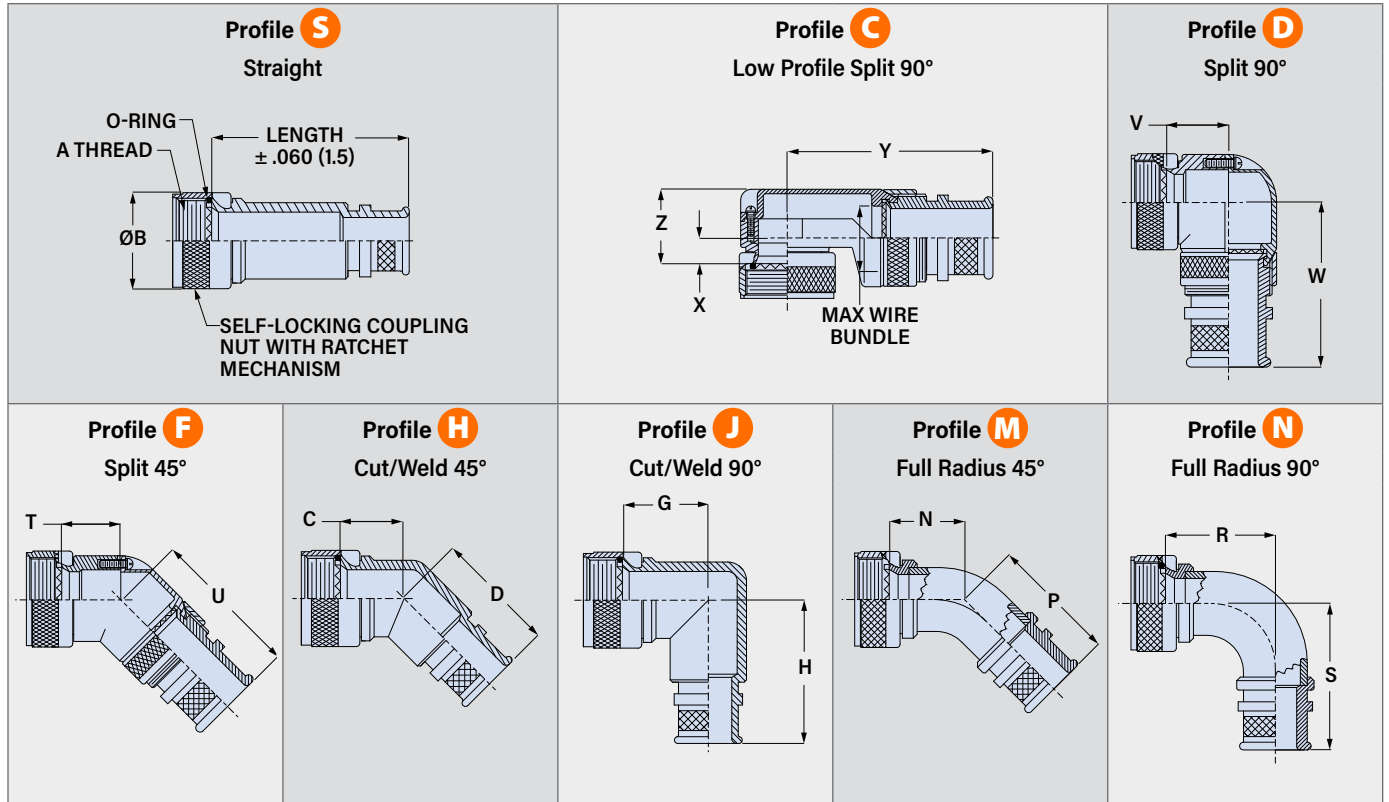
PART NUMBER

440FS069		ZI	18	06	-4	K	P	T				
Base P/N	Base Part No.	Profile										
	440FS069	S Straight										
	440FC069	C 90° Split Low Prof.										
	440FD069	D 90° Split										
	440FF069	F 45° Split										
	440FH069	H 45° Cut/Weld										
	440FJ069	J 90° Cut/Weld										
	440FM069	M 45° Full Radius										
	440FN069	N 90° Full Radius										
Material/Finish	M	Alum/ Electroless Nickel										
	MT	Alum/ Nickel-PTFE										
	NF	Alum/ Olive Drab Cadmium										
	ZR	Alum/ Black Zinc-Nickel										
	TZ	Alum/ Tin-Zinc										
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)										
Shell Size	Shell Size											
	38999 Series I	9	11	13	15	17	19	21	23	25		
	38999 Series II	8	10	12	14	16	18	20	22	24		
	Size Code	08	10	12	14	16	18	20	22	24		
Entry Size	Shell		Shell		Shell		Shell		Shell			
	Size	Inside Dia.	Size	Inside Dia.	Size	Inside Dia.	Size	Inside Dia.	Size	Inside Dia.		
	01	.125 (3.2)	08-24	07	.875 (22.2)	18-24	02	.250 (6.4)	08-24	08	1.000 (25.4)	20-24
	31	.188 (4.8)	08-24	37	.938 (23.8)	20-24	32	.312 (7.9)	10-24	38	1.062 (27.0)	22-24
	03	.375 (9.5)	10-24	09	1.125 (28.6)	22-24	33	.438 (11.1)	12-24	10	1.250 (31.8)	24
	04	.500 (12.7)	12-24	11	1.375 (34.9)	-	34	.562 (14.3)	14-24	12	1.500 (38.1)	-
	34	.562 (14.3)	14-24	12	1.500 (38.1)	-	05	.625 (15.9)	14-24	13	1.625 (41.3)	-
	05	.625 (15.9)	14-24	13	1.625 (41.3)	-	35	.688 (17.5)	16-24	14	1.750 (44.5)	-
	35	.688 (17.5)	16-24	14	1.750 (44.5)	-	06	.750 (19.1)	16-24	15	1.875 (47.6)	-
	36	.812 (20.6)	18-24	16	2.000 (50.8)	-	06	.750 (19.1)	16-24	15	1.875 (47.6)	-
	36	.812 (20.6)	18-24	16	2.000 (50.8)	-	07	.875 (22.2)	18-24	16	2.000 (50.8)	-
	*If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. Δ Profile C entry size cannot exceed shell size range listed in table.											
	Length	3	1.5 inches	Applies to Profile S only.								
		4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.								
5		2.5 inches										
6		3.0 inches										
Band	Omit if not required											
	K	Pre-Coiled Band Included With Backshell										
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.											
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier										
Shrink Boot	Omit if not required											
	T	Shrink Boot Included With Backshell										
	TI	Adhesive-lined Shrink Boot Included With Backshell										

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*069 Banding Backshell, Shrink Boot, Self-Locking



Shell Size	A Thread UNEF-2B	øB Max in	mm	C Max. in	mm	D Max. in	mm	G Max. in	mm	H Max. in	mm	N Max. in	mm	P Max. in	mm	R Max. in	mm	S Max. in	mm
8/9	0.4375-28	.860	21.8	.806	20.5	1.038	26.4	.906	23.0	1.146	29.1	.968	24.6	1.017	25.8	1.281	32.5	1.335	33.9
10/11	0.5625-24	.970	24.6	.832	21.1	1.064	27.0	.966	24.5	1.210	30.7	1.031	26.2	1.071	27.2	1.406	35.7	1.460	37.1
12/13	0.6875-24	1.110	28.2	.856	21.7	1.088	27.6	1.026	26.0	1.268	32.2	1.094	27.8	1.121	28.5	1.531	38.9	1.585	40.3
14/15	0.8125-20	1.210	30.7	.882	22.4	1.114	28.3	1.076	27.3	1.330	33.8	1.156	29.4	1.175	29.8	1.656	42.1	1.710	43.4
16/17	0.9375-20	1.350	34.3	.908	23.1	1.150	29.2	1.136	28.8	1.392	35.4	1.218	30.9	1.224	31.1	1.781	45.2	1.835	46.6
18/19	1.0625-18	1.460	37.1	.927	23.5	1.190	30.2	1.176	29.9	1.438	36.5	1.250	31.8	1.274	32.4	1.906	48.4	1.960	49.8
20/21	1.1875-18	1.600	40.6	.953	24.2	1.250	31.8	1.236	31.4	1.500	38.1	1.312	33.3	1.328	33.7	2.031	51.6	2.085	53.0
22/23	1.3125-18	1.700	43.2	.979	24.9	1.320	33.5	1.296	32.9	1.562	39.7	1.344	34.1	1.382	35.1	2.156	54.8	2.210	56.1
24/25	1.4375-18	1.840	46.7	1.004	25.5	1.380	35.1	1.356	34.4	1.625	41.3	1.406	35.7	1.431	36.3	2.281	57.9	2.335	59.3

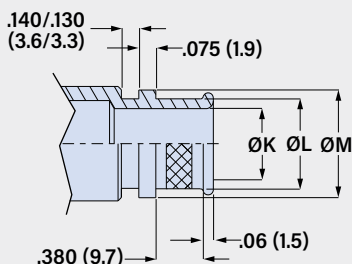
Shell Size	T Max. in	mm	U Max. in	mm	V Max. in	mm	W Max. in	mm	X Max. in	mm	Y Max. in	mm	Z Max. in	mm	Profile C Max. Wire Bundle in	mm
8/9	.596	15.1	1.635	41.5	.836	21.2	1.575	40.0	.496	12.6	1.915	48.6	.837	21.3	.250	6.4
10/11	.656	16.7	1.695	43.1	.906	23.0	1.635	41.5	.426	10.8	2.075	52.7	.887	22.5	.375	9.5
12/13	.716	18.2	1.765	44.8	.966	24.5	1.705	43.3	.426	10.8	2.075	52.7	.887	22.5	.375	9.5
14/15	.776	19.7	1.795	45.6	1.026	26.1	1.735	44.1	.436	11.1	2.145	54.5	.987	25.1	.500	12.7
16/17	.836	21.2	1.895	48.1	1.086	27.6	1.835	46.6	.576	14.6	2.195	55.8	1.137	28.9	.625	15.9
18/19	.906	23.0	1.955	49.7	1.156	29.4	1.895	48.1	.796	20.2	2.225	56.5	1.337	34.0	.625	15.9
20/21	.976	24.8	2.015	51.2	1.216	30.9	1.955	49.7	.796	20.2	2.225	56.5	1.337	34.0	.625	15.9
22/23	1.036	26.3	2.075	52.7	1.276	32.4	2.015	51.2	.696	17.7	2.375	60.3	1.337	34.0	.750	19.1
24/25	1.096	27.8	2.135	54.2	1.336	33.9	2.075	52.7	.696	17.7	2.375	60.3	1.337	34.0	.750	19.1

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*069 Banding Backshell, Shrink Boot, Self-Locking

ENTRY SIZE



Entry Size	Shell Sizes	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	Entry Size	Shell Sizes	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm				
01	08-24	.125	3.2	.250	6.4	.312	7.9	07	20-24	.875	22.2	1.000	25.4	1.062	27.0
31	08-24	.188	4.8	.312	7.9	.375	9.5	37	20-24	.938	23.8	1.062	27.0	1.125	28.6
02	08-24	.250	6.4	.375	9.5	.438	11.1	08	22-24	1.000	25.4	1.125	28.6	1.188	30.2
32	10-24	.312	7.9	.438	11.1	.500	12.7	38	22-24	1.062	27.0	1.188	30.2	1.250	31.8
03	10-24	.375	9.5	.500	12.7	.562	14.3	09	24	1.125	28.6	1.250	31.8	1.312	33.3
33	12-24	.438	11.1	.562	14.3	.625	15.9	10	-	1.250	31.8	1.375	34.9	1.438	36.5
04	12-24	.500	12.7	.625	15.9	.687	17.4	11	-	1.375	34.9	1.500	38.1	1.562	39.7
34	14-24	.562	14.3	.688	17.5	.750	19.1	12	-	1.500	38.1	1.625	41.3	1.688	42.9
05	14-24	.625	15.9	.750	19.1	.812	20.6	13	-	1.625	41.3	1.750	44.5	1.812	46.0
35	16-24	.688	17.5	.812	20.6	.875	22.2	14	-	1.750	44.5	1.875	47.6	1.938	49.2
06	16-24	.750	19.1	.875	22.2	.938	23.8	15	-	1.875	47.6	2.000	50.8	2.062	52.4
36	18-24	.812	20.6	.938	23.8	1.000	25.4	16	-	2.000	50.8	2.125	54.0	2.188	55.6

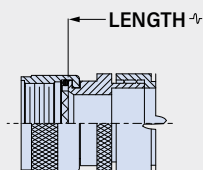
MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

△ Profile **0** backshells are not available with entry sizes larger than shown in table.

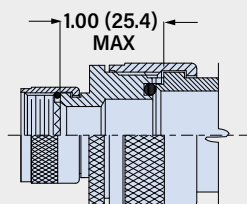
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
8/9	02	18/19	07
10/11	03	20/21	08
12/13	04	22/23	09
14/15	05	24/25	10
16/17	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by one inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).



Entry Sizes	Shrink Boot P/N	Adhesive Lined Shrink Boot P/N
01-31	770-003S111	770-003S111W1
02-32	770-003S112	770-003S112W1
03	770-001S103	770-001S103W1
33-35	770-001S104	770-001S104W1
06-37	770-001S105	770-001S105W1
08-38	770-001S106	770-001S106W1
09-12	770-001S107	770-001S107W1
13-14	770-001S108	770-001S108W1
15-16	770-001S109	770-001S109W1

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



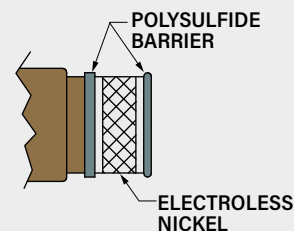
Band
601-041

Banding Tool
601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

△ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*072 Banding Backshell, Dual Band



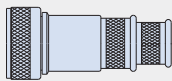
Self-Locking

Adapter Code F

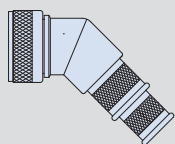
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILE SELECTION GUIDE

S Straight



H 45°



J 90°

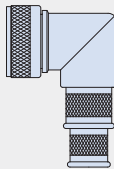


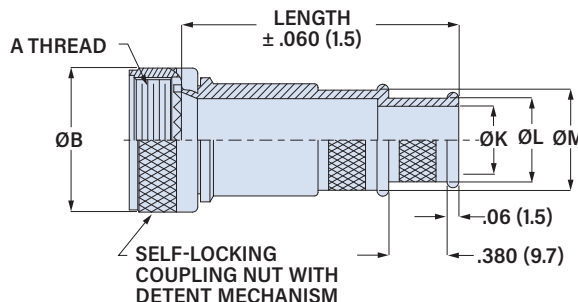
TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	± .015 (0.4) in	± .015 (0.4) mm	± .015 (0.4) in	± .015 (0.4) mm	± .015 (0.4) in	± .015 (0.4) mm
02	08-24	.125	3.2	.250	6.4	.312	7.9
03	08-24	.188	4.8	.312	7.9	.375	9.5
04	08-24	.250	6.4	.375	9.5	.438	11.1
05	10-24	.312	7.9	.438	11.1	.500	12.7
06	10-24	.375	9.5	.500	12.7	.562	14.3
07	12-24	.438	11.1	.562	14.3	.625	15.9
08	12-24	.500	12.7	.625	15.9	.688	17.5
09	14-24	.562	14.3	.688	17.5	.750	19.1
10	14-24	.625	15.9	.750	19.1	.812	20.6
11	16-24	.688	17.5	.812	20.6	.875	22.2
12	16-24	.750	19.1	.875	22.2	.938	23.8
13	18-24	.812	20.6	.938	23.8	1.000	25.4
14	20-24	.875	22.2	1.000	25.4	1.062	27.0
15	20-24	.938	23.8	1.062	27.0	1.125	28.6
16	22-24	1.000	25.4	1.125	28.6	1.188	30.2
17	22-24	1.062	27.0	1.188	30.2	1.250	31.8
18	24	1.125	28.6	1.250	31.8	1.312	33.3
20	-	1.250	31.8	1.375	34.9	1.438	36.5
22	-	1.375	34.9	1.500	38.1	1.562	39.7
24	-	1.500	38.1	1.625	41.3	1.688	42.9

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

PART NUMBER

		440FS072	ZI	18	06	-4	K	P		
Base P/N	Base Part No.	440FS072	Profile							
	440FH072	S Straight								
	440FJ072	H 45°								
Material/Finish	M Alum/ Electroless Nickel									
	MT Alum/ Nickel-PTFE									
	NF Alum/ Olive Drab Cadmium									
	ZR Alum/ Black Zinc-Nickel									
	TZ Alum/ Tin-Zinc									
	ZI SST/ Passivated									
Shell Size	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Length	3	1.5 inches	Applies to Profile S only.							
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.							
	5	2.5 inches								
	6	3.0 inches								
Band	Omit if not required									
	K	Pre-Coiled Bands Included With Backshell (qty. 2)								
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.									
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier								

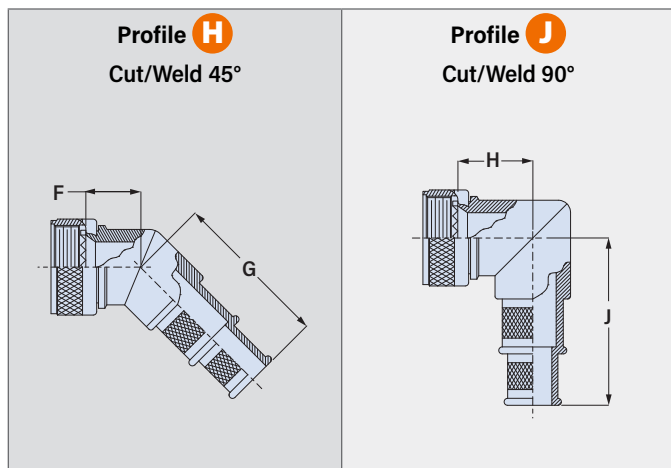


Shell Size	A Thread UNEF-2B	ØB Max in	ØB Max mm
8/9	0.4375-28	.860	21.8
10/11	0.5625-24	.970	24.6
12/13	0.6875-24	1.110	28.2
14/15	0.8125-20	1.210	30.7
16/17	0.9375-20	1.350	34.3
18/19	1.0625-18	1.460	37.1
20/21	1.1875-18	1.600	40.6
22/23	1.3125-18	1.700	43.2
24/25	1.4375-18	1.840	46.7

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

440F*072 Banding Backshell, Dual Band



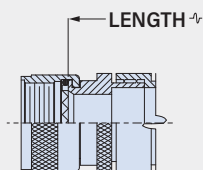
Shell Size	F Max.		G Max.		H Max.		J Max.	
	in	mm	in	mm	in	mm	in	mm
8/9	.795	20.2	1.328	33.7	.906	23.0	1.438	36.5
10/11	.820	20.8	1.358	34.5	.966	24.5	1.498	38.0
12/13	.844	21.4	1.378	35.0	1.026	26.1	1.558	39.6
14/15	.861	21.9	1.408	35.8	1.076	27.3	1.628	41.4
16/17	.888	22.6	1.428	36.3	1.136	28.9	1.688	42.9
18/19	.904	23.0	1.438	36.5	1.176	29.9	1.708	43.4
20/21	.929	23.6	1.458	37.0	1.236	31.4	1.768	44.9
22/23	.956	24.3	1.498	38.0	1.296	32.9	1.848	46.9
24/25	.979	24.9	1.528	38.8	1.356	34.4	1.918	48.7

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

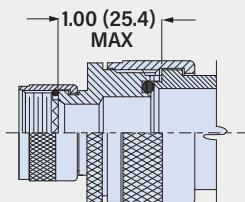
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
8/9	04	18/19	13
10/11	06	20/21	15
12/13	08	22/23	17
14/15	10	24/25	18
16/17	12		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by one inch.

BAND

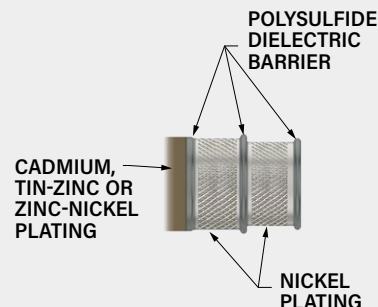
Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



POLYSULFIDE

Optional selective nickel plating on banding surfaces prevents galvanic mismatch between nickel-coated braid shield and backshell plating. Polysulfide stripes provide dielectric barriers.

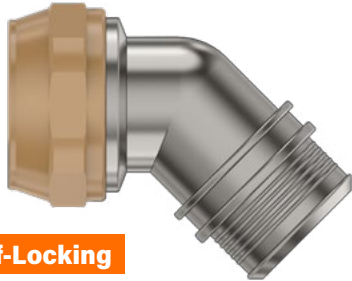
⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

447F*325 Banding Backshell, Composite, Shrink Boot



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

TABLE 1: ENTRY SIZE

Entry Size	Cable Entry ±.03(0.8) in	mm	Shell Sizes	Entry Size	Cable Entry ±.03(0.8) in	mm	Shell Sizes
03	.19	4.8	08-24	12	.75	19.1	16-24
04	.25	6.4	08-24	13	.81	20.6	18-24
05	.31	7.9	10-24	14	.88	22.4	20-24
06	.38	9.7	10-24	15	.94	23.9	20-24
07	.44	11.2	12-24	16	1.00	25.4	22-24
08	.50	12.7	12-24	17	1.06	26.9	22-24
09	.56	14.2	14-24	18	1.13	28.7	24
10	.63	16.0	14-24	19	1.19	30.2	24
11	.69	17.5	16-24				

BAND

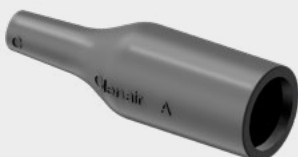
Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Std. Band
601-041

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



Composite. Banding. Self-locking. 447F*325 banding backshell fits MIL-DTL-38999 Series I and II connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Glass-reinforced thermoplastic.

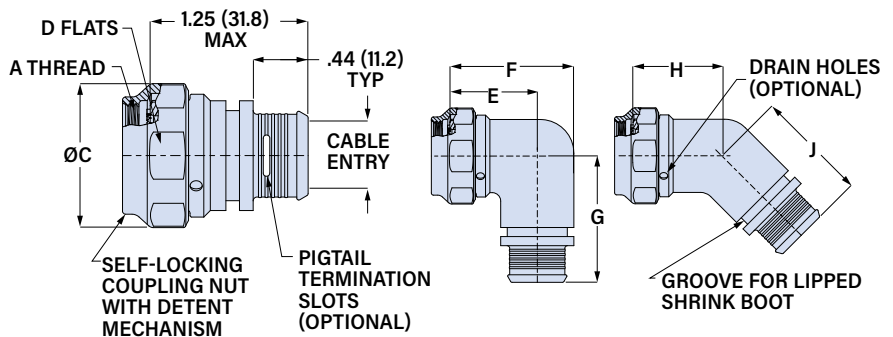
PART NUMBER

	447FS325	XM	16	12	D	K	T	S			
Base P/N	447FS325	S									
	447FT325	T									
	447FW325	W									
Base Part No.	Profile										
	447FS325	S	Straight								
	447FT325	T	45°								
	447FW325	W	90°								
Finish	XM	Electroless Nickel									
	XMT	Nickel-PTFE									
	XW	Olive Drab Cadmium									
	XTZ	Tin-Zinc									
	<i>Coupling nut is unplated.</i>										
Shell Size	38999 Series I		9	11	13	15	17	19	21	23	25
	38999 Series II		8	10	12	14	16	18	20	22	24
	Size Code		08	10	12	14	16	18	20	22	24
Entry Size	<i>See Table 1</i>										
Drain Holes	<i>Omit if not required</i>										
	D Drain Holes										
Band	<i>Omit if not required</i>										
	K Pre-Coiled Band Included With Backshell										
Shrink Boot	<i>Omit if not required</i>										
	T Shrink Boot Included With Backshell										
Slot	<i>Omit if not required</i>										
	S Pigtail Termination Slots										

S Straight

W 90°

T 45°

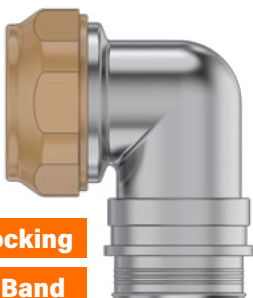


Shell Size	A Thread UNEF-2B	øB Max	D Hex Flats	E ±.06(1.5)	F ±.09(2.3)	G ±.09(2.3)	H ±.06(1.5)	J ±.06(1.5)	Max Entry Size							
8/9	0.4375-28	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.19	30.2	.72	18.3	1.00	25.4	04
10/11	0.5625-24	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.25	31.8	.75	19.1	1.06	26.9	06
12/13	0.6875-24	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.31	33.3	.75	19.1	1.13	28.7	08
14/15	0.8125-20	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.38	35.1	.76	19.3	1.16	29.5	10
16/17	0.9375-20	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.44	36.6	.78	19.8	1.18	30.0	12
18/19	1.0625-18	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.47	37.3	.79	20.1	1.19	30.2	13
20/21	1.1875-18	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.56	39.6	.82	20.8	1.22	31.0	15
22/23	1.3125-18	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.63	41.4	.86	21.8	1.26	32.0	17
24/25	1.4375-18	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.69	42.9	.89	22.6	1.29	32.8	19

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

447F*326 Banding Backshell, Composite, Shrink Boot, Micro Band



Self-Locking

Micro Band

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

TABLE 1: ENTRY SIZE

Entry Size	Cable Entry		øL		øM		Shell Sizes
	±.03 (0.8) in	mm	±.015 (0.4) in	mm	±.015 (0.4) in	mm	
02	.13	3.3	.250	6.4	.386	9.8	08-24
03	.19	4.8	.316	8.0	.452	11.5	08-24
04	.25	6.4	.382	9.7	.510	13.0	08-24
05	.31	7.9	.448	11.4	.584	14.8	10-24
06	.38	9.7	.515	13.1	.651	16.5	10-24
07	.44	11.2	.582	14.8	.718	18.2	12-24
08	.50	12.7	.647	16.4	.783	19.9	12-24
09	.56	14.2	.713	18.1	.849	21.6	14-24
10	.63	16.0	.780	19.8	.913	23.2	14-24
11	.69	17.5	.847	21.5	.983	25.0	16-24
12	.75	19.1	.913	23.2	1.049	26.6	16-24
13	.81	20.6	.979	24.9	1.115	28.3	18-24
14	.88	22.4	1.054	26.8	1.190	30.2	20-24
15	.94	23.9	1.115	28.3	1.251	31.8	20-24
16	1.00	25.4	1.183	30.0	1.319	33.5	22-24
17	1.06	26.9	1.251	31.8	1.387	35.2	22-24
18	1.13	28.7	1.320	33.5	1.456	37.0	24
19	1.19	30.2	1.389	35.3	1.525	38.7	24

MICRO BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Entry Sizes	Pre-Coiled Band P/N	Length
02 - 08	601-061	8.13 (206)
09 - 19	601-065	14.25 (362)

SHRINK BOOT

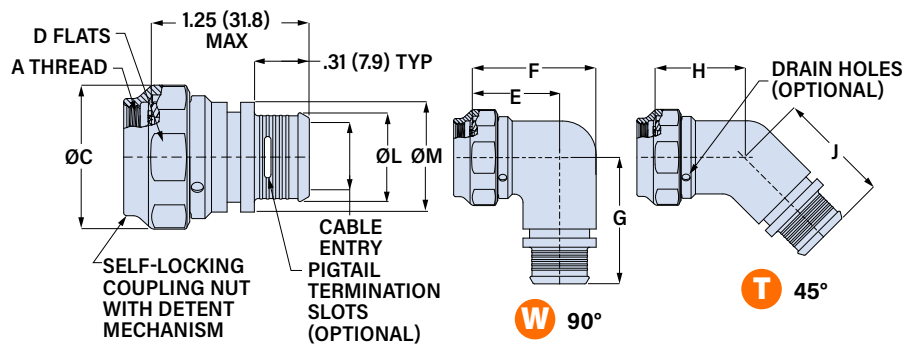
Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



Composite. Low profile Micro band. Self-locking. 447F*326 banding backshell fits MIL-DTL-38999 Series I and II connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional micro band strap. Optional shrink boot adds strain relief and environmental protection. Glass-reinforced thermoplastic.

PART NUMBER

447FS326		XM	18	10	D	K	T	S			
Base P/N	Base Part No.	Profile									
	447FS326	S	Straight								
	447FT326	T	45°								
	447FW326	W	90°								
Finish	XM	Electroless Nickel									
	XMT	Nickel-PTFE									
	XW	Olive Drab Cadmium									
	XTZ	Tin-Zinc									
Coupling nut is unplated.											
Shell Size	Shell Size										
	38999 Series I	9	11	13	15	17	19	21	23	25	
	38999 Series II	8	10	12	14	16	18	20	22	24	
		Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1										
Drain Holes	Omit if not required										
	D	Drain Holes									
Band	Omit if not required										
	K	Pre-Coiled Micro Band Included With Backshell									
Shrink Boot	Omit if not required										
	T	Shrink Boot Included With Backshell									
Slot	Omit if not required										
	S	Pigtail Termination Slots									

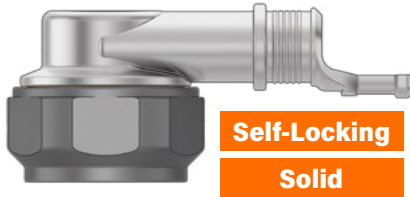


Shell Size	A Thread UNEF-2B	øB Max	D Hex Flats	E ±.06(1.5)	F ±.09(2.3)	G ±.09(2.3)	H ±.06(1.5)	J ±.09(2.3)	Max Entry Size							
8/9	0.4375-28	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	26.9	.72	18.3	.87	22.1	04
10/11	0.5625-24	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	.75	19.1	.93	23.6	06
12/13	0.6875-24	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	.75	19.1	1.00	25.4	08
14/15	0.8125-20	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.25	31.8	.76	19.3	1.03	26.2	10
16/17	0.9375-20	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.31	33.3	.78	19.8	1.05	26.7	12
18/19	1.0625-18	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.38	35.0	.79	20.1	1.06	26.9	13
20/21	1.1875-18	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.48	37.6	.82	20.8	1.09	27.7	15
22/23	1.3125-18	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.54	39.1	.86	21.8	1.13	28.7	17
24/25	1.4375-18	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.60	40.6	.89	22.6	1.16	29.5	19

Series 44 Banding Backshells

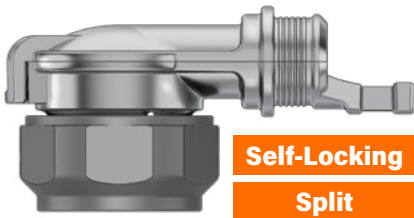
for MIL-DTL-38999 Series I and II Connectors

440F*143 Banding Backshell, Composite, Shrink Boot, Ultra Low Profile 90°



Self-Locking

Solid



Self-Locking

Split

Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Band P/N	Length
601-060	8.13 (206)

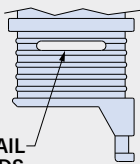
SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



FIGURE 1: SLOTS

Optional pigtail shield termination slots are located on banding platform. Profile E split version has one slot. Profile W solid version has two slots.

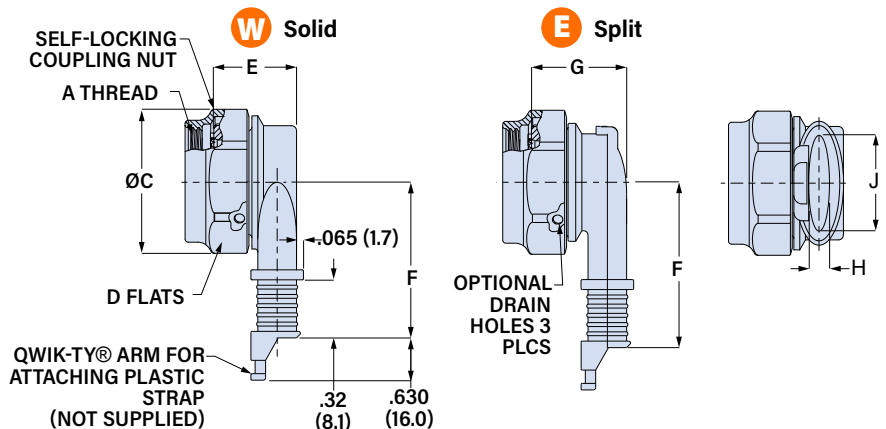


SLOT FOR PIGTAIL SHIELDS

Ultra low-profile 90°. Composite. Self-locking. Micro band. Elliptical entry. Qwik-Ty®. 440F*143 banding backshell fits MIL-DTL-38999 Series I and II connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Split version has lid for wiring access. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional micro band strap. Optional shrink boot adds strain relief. Glass-reinforced thermoplastic.

PART NUMBER

	44FW143	XM	18	D	B	T	S																																										
Base P/N	440FE143	E	90° Split																																														
	440FW143	W	90° Solid																																														
Finish	XM	Electroless Nickel																																															
	XMT	Nickel-PTFE																																															
	XW	Olive Drab Cadmium																																															
	XTZ	Tin-Zinc																																															
	<i>Coupling nut is unplated, black color.</i>																																																
Shell Size	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="7">Shell Size</th> </tr> <tr> <th>38999 Series I</th> <th></th> <th>9</th> <th>11</th> <th>13</th> <th>15</th> <th>17</th> <th>19</th> <th>21</th> <th>23</th> <th>25</th> </tr> </thead> <tbody> <tr> <td>38999 Series II</td> <td></td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> <tr> <td></td> <td>Size Code</td> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> </tbody> </table>									Shell Size							38999 Series I		9	11	13	15	17	19	21	23	25	38999 Series II		8	10	12	14	16	18	20	22	24		Size Code	08	10	12	14	16	18	20	22	24
		Shell Size																																															
38999 Series I		9	11	13	15	17	19	21	23	25																																							
38999 Series II		8	10	12	14	16	18	20	22	24																																							
	Size Code	08	10	12	14	16	18	20	22	24																																							
Drain Holes	<i>Omit if not required</i>																																																
	D	Drain Holes																																															
Band	<i>Omit if not required</i>																																																
	B	Micro Band Included (supplied flat/uncoiled)																																															
Shrink Boot	<i>Omit if not required</i>																																																
	T	Shrink Boot Included																																															
Slot	<i>Omit if not required. See Figure 1.</i>																																																
	S	Pigtail Termination Slots																																															



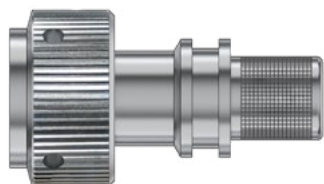
Shell Size	Profile	A Thread UNF-2B	øC Max in mm	Hex Flats in mm	E Max in mm	F ±.03(0.8) in mm	G Max in mm	H ±.06(1.5) in mm	J ±.09(2.3) in mm							
8/9	E, W	0.4375-28	.86	21.8	.750	19.1	.63	16.0	10.42	26.5	.81	20.6	.160	4.1	.304	7.7
10/11	E, W	0.5625-24	.98	24.9	.875	22.2	.66	16.8	1.107	28.1	.81	20.6	.174	4.4	.432	11.0
12/13	E, W	0.6875-24	1.16	29.5	1.000	25.4	.72	18.3	1.174	29.8	.82	20.8	.195	5.0	.546	13.9
14/15	E, W	0.8125-20	1.28	32.5	1.125	28.6	.83	21.1	1.241	31.5	.88	22.4	.315	8.0	.670	17.0
16/17	E, W	0.9375-20	1.41	35.8	1.250	31.8	.91	23.1	1.305	33.1	.93	23.6	.385	9.8	.796	20.2
18/19	E, W	1.0625-18	1.52	38.6	1.375	34.9	.93	23.6	1.371	34.8	.99	25.1	.445	11.3	.902	22.9
20/21	E, W	1.1875-18	1.64	41.7	1.500	38.1	1.04	26.4	1.438	36.5	1.06	26.9	.525	13.3	1.027	26.1
22/23	E, W	1.3125-18	1.77	45.0	1.625	41.3	1.12	28.4	1.505	38.2	1.13	28.7	.595	15.1	1.152	29.3
24/25	E	1.4375-18	1.89	48.0	1.750	44.5	N/A	N/A	1.850	47.0	1.05	26.7	.450	11.4	1.460	37.1
24/25	W	1.4375-18 UNF	1.89	48.0	1.75	44.5	1.18	30.0	1.572	39.9	N/A	N/A	.655	16.6	1.276	32.4

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

447F*531 Banding Backshell, Shrink Boot, Spanner Nut

Self-Locking



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

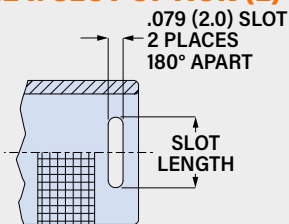
TABLE 1: ENTRY SIZE

Entry Size	øE		øF		øG		Shell Sizes
	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	
03	.185	4.7	.303	7.7	.480	12.2	08-14
04	.252	6.4	.370	9.4	.551	14.0	08-16
05	.311	7.9	.433	11.0	.610	15.5	08-20
06	.374	9.5	.496	12.6	.673	17.1	10-22
07	.437	11.1	.555	14.1	.736	18.7	10-24
08	.500	12.7	.618	15.7	.800	20.3	12-24
10	.626	15.9	.744	18.9	.925	23.5	14-24
12	.752	19.1	.866	22.0	1.051	26.7	16-24
14	.874	22.2	.992	25.2	1.173	29.8	20-24
16	1.004	25.5	1.118	28.4	1.300	33.0	22-24
18	1.126	28.6	1.240	31.5	1.425	36.2	24
20	1.252	31.8	1.366	34.7	1.551	39.4	24

TABLE 2: LENGTH CODE

Length Code	J		K Max		L Max	
	±.015 (0.4) in	±.015 (0.4) mm	in	mm	in	mm
A	.291	7.4	1.035	26.3	1.362	34.6
B	.606	15.4	1.350	34.3	1.677	42.6
C	.803	20.4	1.547	39.3	1.874	47.6
D	1.197	30.4	1.941	49.3	2.768	57.6
E	.394	10.0	1.199	30.5	1.473	37.4

FIGURE 1: SLOT OPTION (L)

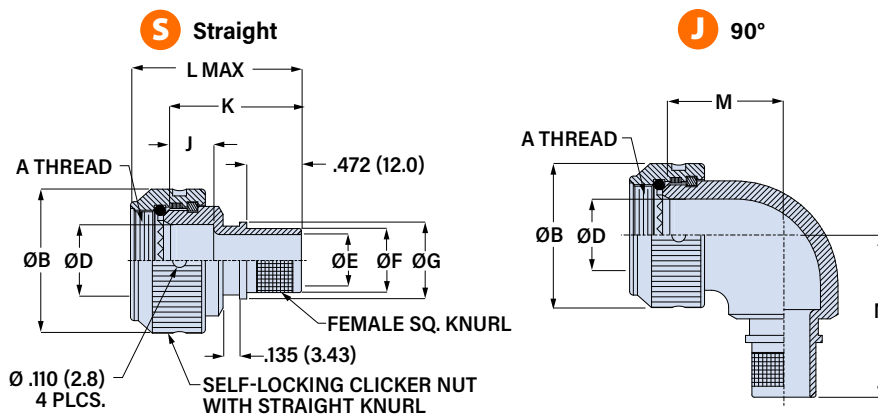


Entry Size	Slot Length in	Slot Length mm
03, 04, 05	.157	4.0
06, 07, 08	.276	7.0
10, 12	.433	11.0
14, 16	.472	12.0
18, 20	.551	14.0

Self-locking. Impact resistant coupling nut. 447F*531 banding backshell fits MIL-DTL-38999 Series I/II connectors. Impact resistant coupling nut has 2.8 mm spanner wrench holes. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach shielding and overbraid sleeving to backshell with band strap (not supplied). Shrink boot (not supplied) adds strain relief and environmental protection. Aluminum or stainless steel with thermoplastic anti-decoupling spring and SST retainer ring.

PART NUMBER

	447FS531	ZI	18	10	B	L	-157			
Base P/N	Base Part No. 447FS531	Profile S								
	447FJ531	J 90°								
Material/Finish	M Alum/ Electroless Nickel									
	MT Alum/ Nickel-PTFE									
	NF Alum/ Olive Drab Cadmium									
	ZR Alum/ Black Zinc-Nickel									
	TZ Alum/ Tin-Zinc									
	ZI SST/ Passivated									
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Length	Applies to Profile S only. See Table 2. A B C D E									
Slot	Omit if not required. See Figure 1. L Slots for Individual Shields									
Teflon Coating	Omit if not required. -157 Teflon Coating on Inside Surface									



Shell Size	A Thread UNEF-2B	øB Max in	mm	øD Min in	mm	M Max in	mm	N Max in	mm	Max Entry Size
8/9	0.4375-28	.858	21.8	.264	6.7	.553	14.1	1.222	31.1	05
10/11	0.5625-24	.984	25.0	.380	9.7	.622	15.8	1.347	34.2	07
12/13	0.6875-24	1.157	29.4	.494	12.6	.683	17.4	1.494	38.0	08
14/15	0.8125-20	1.280	32.5	.620	15.6	.744	18.9	1.561	40.0	10
16/17	0.9375-20	1.406	35.7	.746	19.0	.799	20.3	1.624	41.3	12
18/19	1.0625-18	1.516	38.5	.833	21.1	.846	21.5	1.722	43.8	12
20/21	1.1875-18	1.642	41.7	.959	24.4	1.047	26.6	1.847	46.9	14
22/23	1.3125-18	1.768	44.9	1.081	27.5	.969	24.6	1.972	50.1	16
24/25	1.4375-18	1.890	48.0	1.207	30.7	1.047	26.6	2.098	53.3	20

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

443F*024 Banding Backshell, Shrouded Environmental

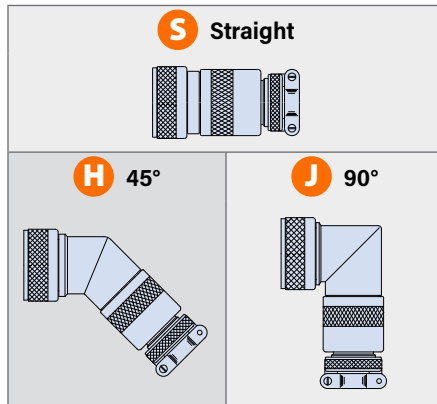


Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PROFILE SELECTION GUIDE



Environmental. "Band-in-a-Can" shield termination. Saddle clamp. 443F*024 banding backshell fits MIL-DTL-38999 Series I and II connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (not supplied). Environmentally sealed with O-rings and cable grommet. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings and grommet.

PART NUMBER

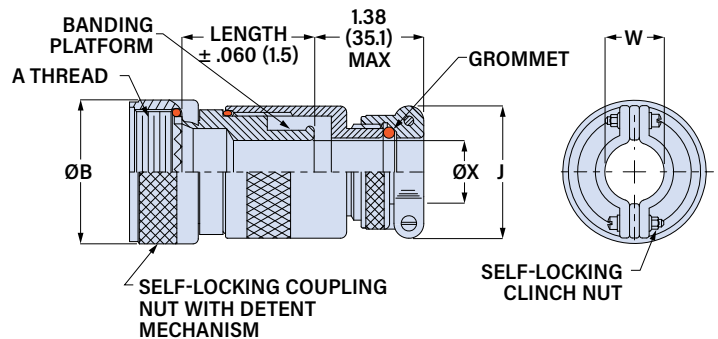
443FS024 NF 18 06- 3 S

Base P/N	Base Part No.	Profile								
	443FS024	S Straight								
	443FH024	H 45°								
	443FJ024	J 90°								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZM	SST/ Electroless Nickel								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Length	2	1.0 inch	Applies to Profile S only.							
	3	1.5 inches	If Entry Size is greater than							
	4	2.0 inches	"Maximum Entry Size", then 1.5							
	6	3.0 inches	inch minimum applies.							
Self-Locking	S	Self-Locking Coupling Nut								

TABLE 1: ENTRY SIZE

Entry Size	Cable Range		J Max. in	W Closed in	ø X Min in	Shell Sizes*
	Min. in	Max. in				
01	.125	.250	1.05	.264	.25	08-24
02	.188	.375	1.20	.344	.37	10-24
03	.312	.625	1.30	.460	.43	12-24
04	.343	.500	1.44	.545	.50	12-24
05	.438	.625	1.69	.698	.62	14-24
06	.562	.750	1.77	.780	.75	16-24
07	.688	.875	2.12	.950	.87	18-24
08	.812	1.000	2.50	1.015	1.00	20-24
09	.938	1.125	2.86	1.187	1.12	22-24
10	1.062	1.250	3.18	1.220	1.25	—
11	1.125	1.375	3.49	1.500	1.38	—
12	1.250	1.500	3.81	1.625	1.50	—

* If Entry Size exceeds the shell size range in this table, the backshell will include a "Style 2" adapter. See "Maximum Entry Size" on next page.



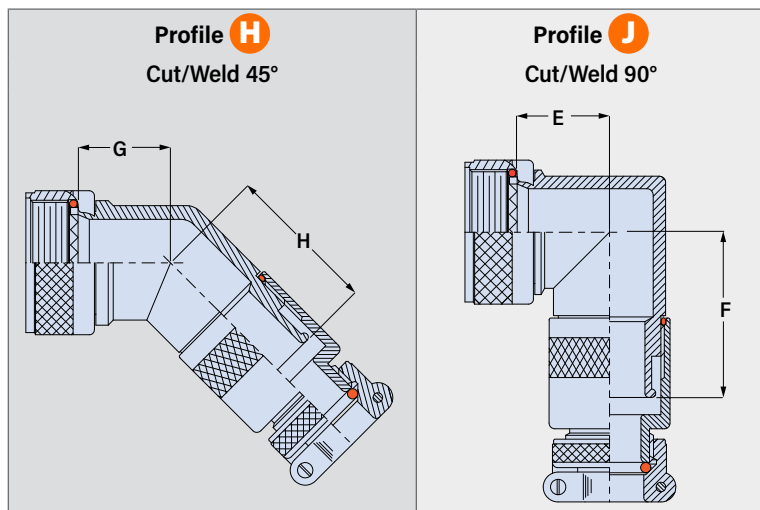
Shell Size	A Thread	øB Max in	Max Entry Size*
8/9	0.4375-28	.860	01
10/11	0.5625-24	.970	02
12/13	0.6875-24	1.110	04
14/15	0.8125-20	1.210	05
16/17	0.9375-20	1.350	06
18/19	1.0625-18	1.460	07
20/21	1.1875-18	1.600	08
22/23	1.3125-18	1.700	09
24/25	1.4375-18	1.840	09

* If Entry Size exceeds the Max Entry Size in this table, the backshell will include a "Style 2" adapter. See "Maximum Entry Size" on next page.

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

443F*024 Banding Backshell, Shrouded, Environmental



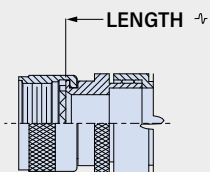
Shell Size	E Max.		F Max.		G Max.		H Max.	
	in	mm	in	mm	in	mm	in	mm
8/9	.75	19.1	1.50	38.1	.639	16.2	1.380	35.1
10/11	.81	20.6	1.55	39.4	.664	16.9	1.410	35.8
12/13	.87	22.1	1.61	40.9	.688	17.5	1.430	36.3
14/15	.92	23.4	1.68	42.7	.705	17.9	1.460	37.1
16/17	.98	24.9	1.74	44.2	.732	18.6	1.480	37.6
18/19	1.02	25.9	1.76	44.7	.748	19.0	1.490	37.8
20/21	1.08	27.4	1.82	46.2	.773	19.6	1.510	38.4
22/23	1.14	29.0	1.90	48.3	.800	20.3	1.550	39.4
24/25	1.20	30.5	1.97	50.0	.823	20.9	1.580	40.1

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a Style 2 backshell.

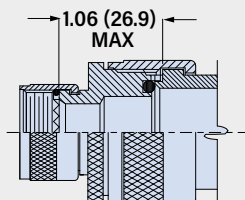
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
8/9	01	18/19	07
10/11	02	20/21	08
12/13	04	22/23	09
14/15	05	24/25	09
16/17	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 2 (1 inch) to 4 (2 inches).

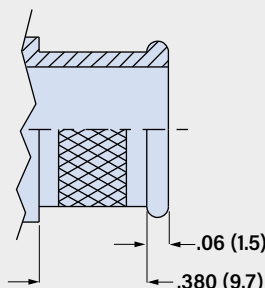
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.06 inches.

BAND

SST band strap (not included, ordered separately) provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



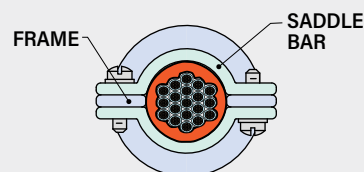
Band
601-041



Banding Tool
601-100

APPLICATION NOTE

This backshell has a *full radius* saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeving to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.



Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

447FC659 Banding Backshell, Shrouded, Low Profile 90°



"Band-in-a-Can" shield termination. Low profile. Saddle clamp. 447F*659 banding adapter fits MIL-DTL-38999 Series I and II connectors. "Cobra" style split construction with screw-on lid for easy wire routing. Terminate cable braid shield to banding platform with micro band strap. Saddle clamp provides cable strain relief. Aluminum. Saddle clamp hardware is passivated SST.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

BAND

Terminate cable braid to EMI adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Band is stainless steel.



Micro Band



Hand Tool
601-101

Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
10 - 16	601-061	8.13 (206)	.88 (22.4)
18 - 20	601-065	14.25 (362)	1.88 (47.8)

PART NUMBER

447FC659	M	18	14	K
-----------------	----------	-----------	-----------	----------

Base P/N 447FC659

Material/Finish

- M** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc

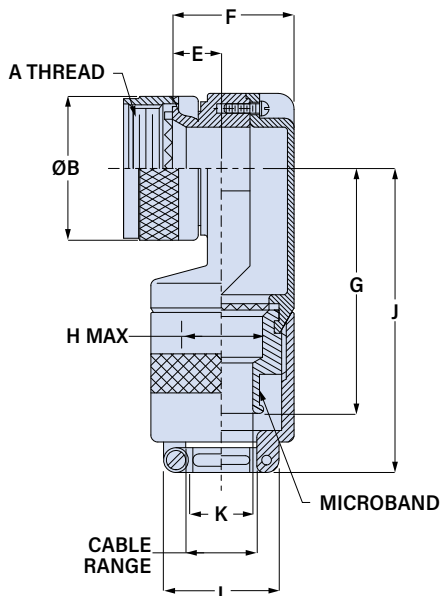
Shell Size

Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24

Entry Size

Entry Size	Cable Range				Shell Sizes
	Inches Min.	Inches Max.	mm Min.	mm Max.	
10	.130	.250	3.3	6.4	08-24
12	.250	.380	6.4	9.7	10-24
14	.310	.440	7.9	11.2	14-24
16	.375	.630	9.5	16.0	16-24
18	.560	.690	14.2	17.5	22-24
20	.630	.750	16.0	19.1	22-24

Band Omit if not required
K Pre-Coiled Band Included With Adapter



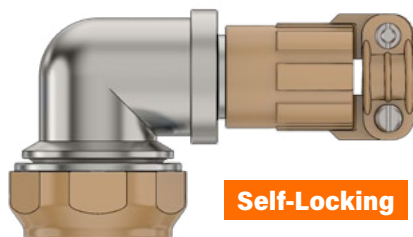
Shell Size	A Thread	øB Max	E Ref.	F Max.	G Max.	H Max.	J Max.	Max Entry Size
	UNEf-2B	in mm	in mm	in mm	in mm	in mm	in mm	
8/9	0.4375-28	.650 16.5	.34 8.6	.681 17.3	1.62 41.1	.25 6.4	2.12 53.8	10
10/11	0.5625-24	.770 19.6	.27 6.9	.731 18.6	1.78 45.2	.38 9.5	2.28 57.9	12
12/13	0.6875-24	.890 22.6	.27 6.9	.731 18.6	1.78 45.2	.38 9.5	2.28 57.9	12
14/15	0.8125-20	1.020 25.9	.28 7.1	.831 21.1	1.85 47.0	.50 12.7	2.35 59.7	14
16/17	0.9375-20	1.150 29.2	.42 10.7	.981 24.9	1.90 48.3	.63 15.9	2.40 61.0	16
18/19	1.0625-18	1.230 31.2	.64 16.3	1.181 30.0	1.93 49.0	.63 15.9	2.43 61.7	16
20/21	1.1875-18	1.360 34.5	.64 16.3	1.181 30.0	1.93 49.0	.63 15.9	2.43 61.7	16
22/23	1.3125-18	1.480 37.6	.54 13.7	1.181 30.0	2.08 52.8	.75 19.1	2.58 65.5	20
24/25	1.4375-18	1.730 43.9	.54 13.7	1.181 30.0	2.08 52.8	.75 19.1	2.58 65.5	20

Entry Size	ø K		Cable Range				Shell Sizes
	± .03 (0.8)	L Max	Inches Min.	Inches Max.	mm Min.	mm Max.	
10	.22	5.6	1.00	25.4	.130	.250	3.3 6.4 08-24
12	.31	7.9	1.25	31.8	.250	.380	6.4 9.7 10-24
14	.44	11.2	1.34	34.0	.310	.440	7.9 11.2 14-24
16	.56	14.2	1.47	37.3	.375	.630	9.5 16.0 16-24
18	.63	16.0	1.56	38.1	.560	.690	14.2 17.5 22-24
20	.75	19.1	1.62	41.1	.630	.750	16.0 19.1 22-24

Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

447F*328 Banding Backshell, Composite, Shrouded



Self-Locking

Adapter Code F
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

BAND
Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.

Standard Band 601-041

Lightweight. Composite. Band-in-a-Can shield termination. 447F*328 banding backshell fits MIL-DTL-38999 Series I and II connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Glass-reinforced thermoplastic.

PART NUMBER		447FS328	XM	14	12	K	S			
Base P/N	Base Part No.	447FS328	S							
	Profile	Straight								
		447FT328	T							
		447FW328	W							
Finish	XM	Electroless Nickel								
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XTZ	Tin-Zinc								
<i>Coupling nut and saddle clamp are unplated amber color.</i>										
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Entry Size	See Table 1									
Band	Omit if not required K Pre-Coiled Band Included									
Slot	Omit if not required S Pigtail Termination Slots									

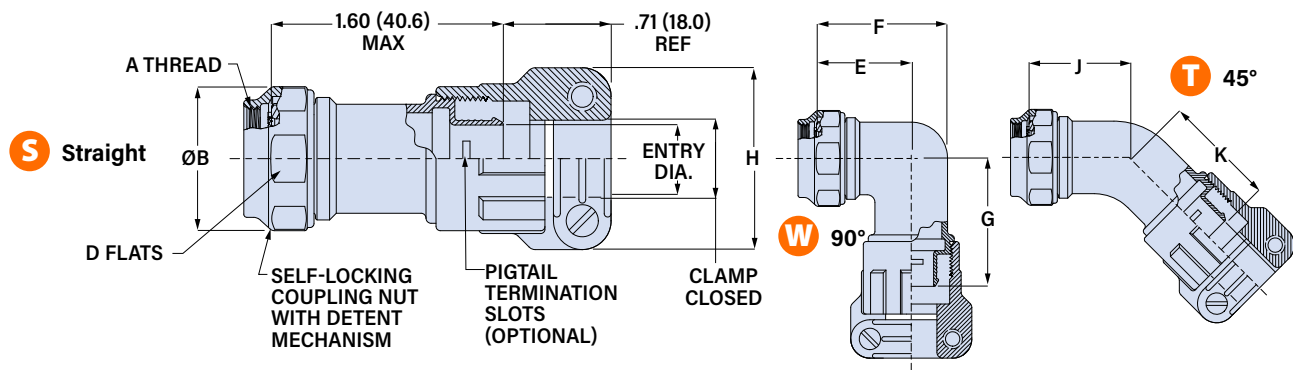


TABLE 1: ENTRY SIZE

Entry Size	Entry Dia. ±.03 (0.8)	H ±.06 (1.5)	Clamp Closed ±.03 (0.8)	Shell Sizes
	in mm	in mm	in mm	
10	.22 5.6	.94 23.9	.26 6.6	08-24
12	.28 7.1	1.17 29.7	.34 8.6	10-24
14	.34 8.6	1.28 32.5	.46 11.7	12-24
16	.46 11.7	1.41 35.8	.55 14.0	14-24
18	.55 14.0	1.50 38.1	.62 15.7	16-24
20	.62 15.7	1.56 39.6	.70 17.8	16-24
22	.70 17.8	1.69 42.9	.78 19.8	20-24
24	.78 19.8	1.81 46.0	.85 21.6	22-24
28	.85 21.6	1.91 48.5	.95 24.1	24
32	.95 24.1	2.02 51.3	1.02 25.9	24

Shell Size	A Thread UNEF-2B	ØB Max in mm	D Hex Flats in mm	E ±.06(1.5) in mm	F ±.09(2.3) in mm	G Max in mm	J ±.06(1.5) in mm	K ±.09(2.3) in mm	Max Entry Size
8/9	0.4375-28	.86 21.8	.750 19.1	.69 17.5	.88 22.4	1.31 33.3	.72 18.3	1.15 29.2	10
10/11	0.5625-24	.98 24.9	.875 22.2	.75 19.1	1.00 25.4	1.42 36.1	.75 19.1	1.27 32.3	12
12/13	0.6875-24	1.16 29.5	1.000 25.4	.81 20.6	1.13 28.7	1.57 39.9	.75 19.1	1.33 33.8	14
14/15	0.8125-20	1.28 32.5	1.125 28.6	.88 22.4	1.31 33.3	1.57 39.9	.76 19.3	1.37 34.8	16
16/17	0.9375-20	1.41 35.8	1.250 31.8	.94 23.9	1.38 35.1	1.64 41.7	.78 19.8	1.39 35.3	20
18/19	1.0625-18	1.52 38.6	1.375 34.9	.97 24.6	1.44 36.6	1.73 43.9	.79 20.1	1.41 35.8	20
20/21	1.1875-18	1.64 41.7	1.500 38.1	1.06 26.9	1.63 41.4	1.82 46.2	.82 20.8	1.43 36.3	22
22/23	1.3125-18	1.77 45.0	1.625 41.3	1.13 28.7	1.75 44.5	1.82 46.2	.86 21.8	1.47 37.3	24
24/25	1.4375-18	1.89 48.0	1.750 44.5	1.19 30.2	1.88 47.8	1.92 48.8	.89 22.6	1.50 38.1	32



Series 44 Banding Backshells

for MIL-DTL-38999 Series I and II Connectors

447FS523 Banding/ Overmolding Adapter



Low Profile. Micro band. Environmental. 447FS523 banding/overmolding adapter fits MIL-DTL-38999 Series I and II connectors. Terminate cable braid shield to adapter with .125" width micro band (sold separately). Aluminum or stainless steel, silicone O-ring.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

BAND

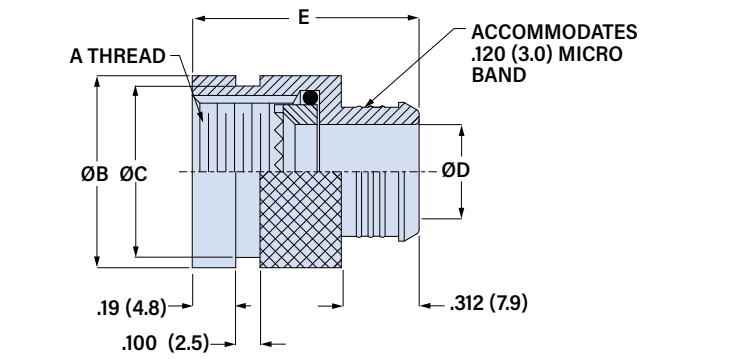
Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.

Micro Band

**Hand Tool
601-101**

Pre-Coiled Band P/N	Length	Max. Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

PART NUMBER		447FS523	M	18						
Base P/N	447FS523									
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
ZI	SST/ Passivated									
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24



Shell Size	A Thread UNEF-2B	ØB		ØC		ØD		E ±.03 (0.8)	
		± .015 (0.4) in	mm	± .005 (0.1) in	mm	± .015 (0.4) in	mm	in	mm
8/9	0.4375-28	.562	14.3	.500	12.7	.250	6.4	.750	19.1
10/11	0.5625-24	.688	17.5	.625	15.9	.375	9.5	.750	19.1
12/13	0.6875-24	.812	20.6	.750	19.1	.500	12.7	.750	19.1
14/15	0.8125-20	.938	23.8	.875	22.2	.625	15.9	.750	19.1
16/17	0.9375-20	1.062	27.0	1.000	25.4	.750	19.1	.750	19.1
18/19	1.0625-18	1.188	30.2	1.125	28.6	.875	22.2	.750	19.1
20/21	1.1875-18	1.312	33.3	1.250	31.8	1.000	25.4	.750	19.1
22/23	1.3125-18	1.438	36.5	1.375	34.9	1.125	28.6	.750	19.1
24/25	1.4375-18	1.562	39.7	1.500	38.1	1.250	31.8	.750	19.1

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*030 Banding Backshell, Shrink Boot



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

<p>S Straight</p>	<p>C 90°</p> <p>Low Profile Split</p>
<p>D 90°</p> <p>Split</p>	<p>F 45°</p> <p>Split</p>
<p>H 45°</p> <p>Cut and Weld</p>	<p>J 90°</p> <p>Cut and Weld</p>
<p>M 45°</p> <p>Full Radius</p>	<p>N 90°</p> <p>Full Radius</p>

Spin coupling. Band-Master ATS® shield termination. 440H*030 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel, silicone O-rings.

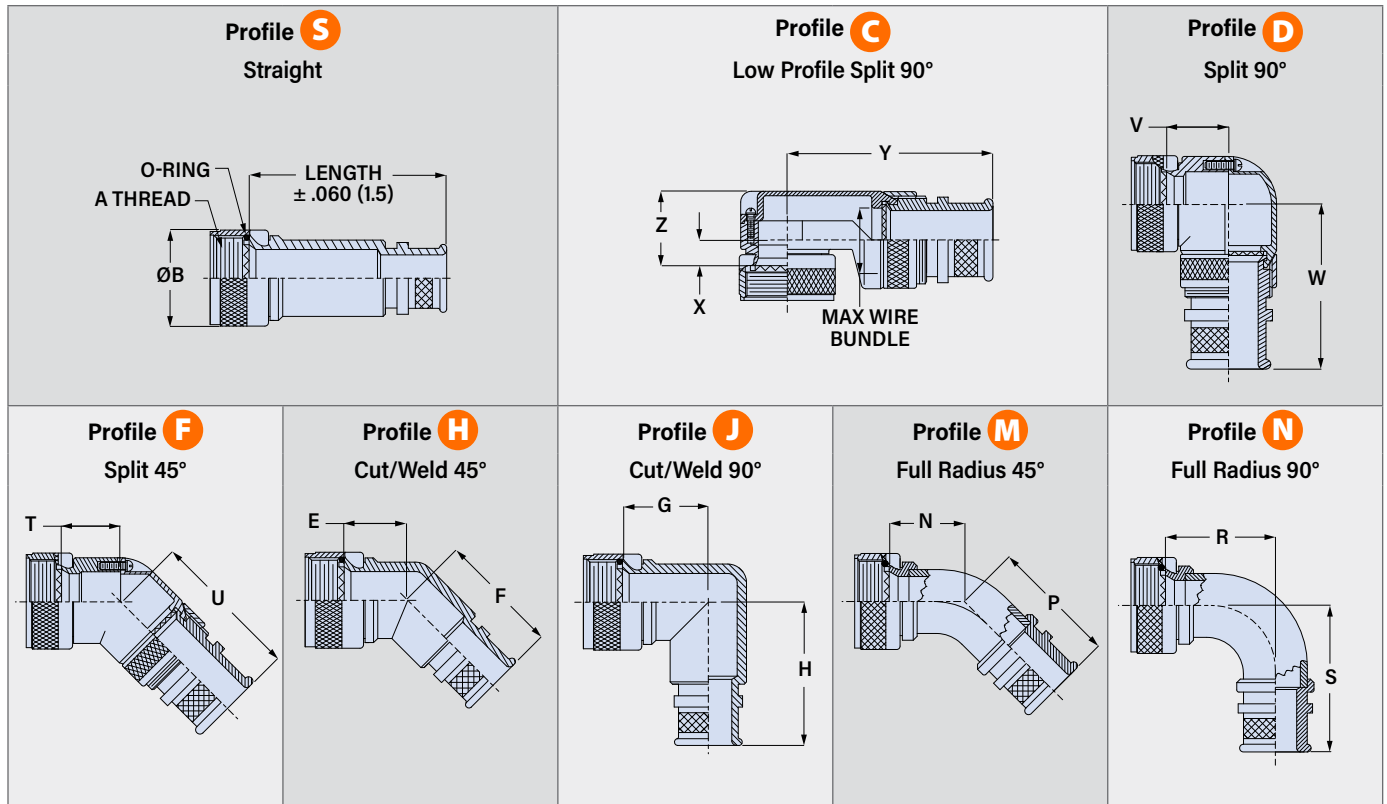
PART NUMBER

		440HS030	NF	17	06-	4	K	P	T		
Base P/N	Base Part No.	Profile									
	440HS030	S	Straight								
	440HC030	C	90° Split Low Prof.								
	440HD030	D	90° Split								
	440HF030	F	45° Split								
	440HH030	H	45° Cut/Weld								
	440HJ030	J	90° Cut/Weld								
Material/Finish	440HM030	M	45° Full Radius								
	440HN030	N	90° Full Radius								
	M	Alum/ Electroless Nickel									
	MT	Alum/ Nickel-PTFE									
	NF	Alum/ Olive Drab Cadmium									
Shell Size	ZR	Alum/ Black Zinc-Nickel									
	TZ	Alum/ Tin-Zinc									
	ZI	SST/ Passivated (Profiles H, J, M, N, S only)									
	Shell Size	9	11	13	15	17	19	21	23	25	
	Size Code	09	11	13	15	17	19	21	23	25	
Entry Size	Size	Shell Inside Dia.			Shell Sizes*			Shell Inside Dia.			Shell Sizes*
	01	.125 (3.2)	09-25		07	.875 (22.2)	19-25				
	31	.188 (4.8)	09-25		37	.938 (23.8)	21-25				
	02	.250 (6.4)	09-25		08	1.000 (25.4)	21-25				
	32	.312 (7.9)	11-25		38	1.062 (27.0)	23-25				
	03	.375 (9.5)	11-25		09	1.125 (28.6)	23-25				
	33	.438 (11.1)	13-25		10	1.250 (31.8)	25				
	04	.500 (12.7)	13-25		11	1.375 (34.9)	-				
	34	.562 (14.3)	15-25		12	1.500 (38.1)	-				
	05	.625 (15.9)	15-25		13	1.625 (41.3)	-				
	35	.688 (17.5)	17-25		14	1.750 (44.5)	-				
	06	.750 (19.1)	17-25		15	1.875 (47.6)	-				
	36	.812 (20.6)	19-25		16	2.000 (50.8)	-				
*If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. Profile entry size cannot exceed shell size range listed in table.											
Length	3	1.5 inches		Applies to Profile S only.							
	4	2.0 inches		If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.							
	5	2.5 inches									
	6	3.0 inches									
Band	Omit if not required										
	K	Pre-Coiled Band Included With Backshell									
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.										
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier									
Shrink Boot	Omit if not required										
	T	Shrink Boot Included With Backshell									
Ti	Adhesive-lined Shrink Boot Included With Backshell										

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*030 Banding Backshell, Shrink Boot



Shell Size	A Thread	ØB Max	E Max.	F Max.	G Max.	H Max.	N Max.	P Max.	R Max.	S Max.
		in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
9 (A)	M12X1.0-6H	.770 19.6	.531 13.5	.94 23.9	.639 16.2	1.110 28.2	.812 20.6	1.017 25.8	1.125 28.6	1.335 33.9
11 (B)	M15X1.0-6H	.840 21.3	.594 15.1	1.00 25.4	.664 16.9	1.140 29.0	.875 22.2	1.071 27.2	1.250 31.8	1.460 37.1
13 (C)	M18X1.0-6H	.960 24.4	.618 15.7	1.05 26.7	.688 17.5	1.160 29.5	.938 23.8	1.121 28.5	1.375 34.9	1.585 40.3
15 (D)	M22X1.0-6H	1.090 27.7	.656 16.7	1.09 27.7	.705 17.9	1.190 30.2	1.000 25.4	1.175 29.8	1.500 38.1	1.710 43.4
17 (E)	M25X1.0-6H	1.230 31.2	.688 17.5	1.15 29.2	.732 18.6	1.210 30.7	1.062 27.0	1.224 31.1	1.625 41.3	1.835 46.6
19 (F)	M28X1.0-6H	1.360 34.5	.748 19.0	1.19 30.2	.803 20.4	1.221 31.0	1.094 27.8	1.274 32.4	1.750 44.5	1.960 49.8
21 (G)	M31X1.0-6H	1.480 37.6	.773 19.6	1.25 31.8	1.031 26.2	1.281 32.5	1.156 29.4	1.328 33.7	1.875 47.6	2.085 53.0
23 (H)	M34X1.0-6H	1.600 40.6	.800 20.3	1.32 33.5	1.156 29.4	1.351 34.3	1.188 30.2	1.382 35.1	2.000 50.8	2.210 56.1
25 (J)	M37X1.0-6H	1.720 43.7	.823 20.9	1.38 35.1	1.219 31.0	1.410 35.8	1.250 31.8	1.431 36.3	2.125 54.0	2.335 59.3

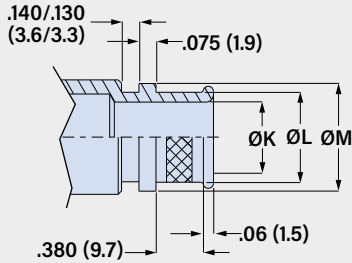
Shell Size	T Max.		U Max.		V Max.		W Max.		X Max.		Y Max.		Z Max.		Profile C Max. Wire Bundle	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.44	11.2	1.635	41.5	.68	17.3	1.575	40.0	.34	8.6	1.915	48.6	.681	17.3	.250	6.4
11 (B)	.50	12.7	1.695	43.1	.75	19.1	1.635	41.5	.27	6.9	2.075	52.7	.731	18.6	.375	9.5
13 (C)	.56	14.2	1.765	44.8	.81	20.6	1.705	43.3	.27	6.9	2.075	52.7	.731	18.6	.375	9.5
15 (D)	.62	15.7	1.795	45.6	.87	22.1	1.735	44.1	.28	7.1	2.145	54.5	.831	21.1	.500	12.7
17 (E)	.68	17.3	1.895	48.1	.93	23.6	1.835	46.6	.42	10.7	2.195	55.8	.981	24.9	.625	15.9
19 (F)	.75	19.1	1.955	49.7	1.00	25.4	1.895	48.1	.64	16.3	2.225	56.5	1.181	30.0	.625	15.9
21 (G)	.82	20.8	2.015	51.2	1.06	26.9	1.955	49.7	.64	16.3	2.225	56.5	1.181	30.0	.625	15.9
23 (H)	.88	22.4	2.075	52.7	1.12	28.4	2.015	51.2	.61	15.5	2.375	60.3	1.311	33.3	.875	22.2
25 (J)	.94	23.9	2.135	54.2	1.18	30.0	2.075	52.7	.68	17.3	2.500	63.5	1.431	36.3	1.000	25.4

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*030 Banding Backshell, Shrink Boot

ENTRY SIZE



Entry Size	Shell Sizes	øK		øL		øM		Entry Size	Shell Sizes	øK		øL		øM	
		±.015 (0.4) in	mm	±.015 (0.4) in	mm	±.015 (0.4) in	mm			±.015 (0.4) in	mm	±.015 (0.4) in	mm	±.015 (0.4) in	mm
01	09-25	.125	3.2	.250	6.4	.312	7.9	07	19-25	.875	22.2	1.000	25.4	1.062	27.0
31	09-25	.188	4.8	.312	7.9	.375	9.5	37	21-25	.938	23.8	1.062	27.0	1.125	28.6
02	09-25	.250	6.4	.375	9.5	.438	11.1	08	21-25	1.000	25.4	1.125	28.6	1.188	30.2
32	11-25	.312	7.9	.438	11.1	.500	12.7	38	23-25	1.062	27.0	1.188	30.2	1.250	31.8
03	11-25	.375	9.5	.500	12.7	.562	14.3	09	23-25	1.125	28.6	1.250	31.8	1.312	33.3
33	13-25	.438	11.1	.562	14.3	.625	15.9	10	25	1.250	31.8	1.375	34.9	1.438	36.5
04	13-25	.500	12.7	.625	15.9	.687	17.4	11	-	1.375	34.9	1.500	38.1	1.562	39.7
34	15-25	.562	14.3	.688	17.5	.750	19.1	12	-	1.500	38.1	1.625	41.3	1.688	42.9
05	15-25	.625	15.9	.750	19.1	.812	20.6	13	-	1.625	41.3	1.750	44.5	1.812	46.0
35	17-25	.688	17.5	.812	20.6	.875	22.2	14	-	1.750	44.5	1.875	47.6	1.938	49.2
06	17-25	.750	19.1	.875	22.2	.938	23.8	15	-	1.875	47.6	2.000	50.8	2.062	52.4
36	19-25	.812	20.6	.938	23.8	1.000	25.4	16	-	2.000	50.8	2.125	54.0	2.188	55.6

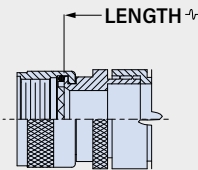
MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

⚠ Profile **G** backshells are not available with entry sizes larger than shown in table.

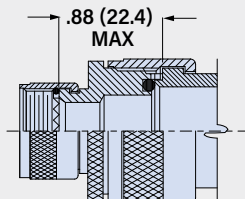
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
9(A)	02	19(F)	07
11(B)	03	21(G)	08
13(C)	04	23(H)	09
15(D)	05	25(J)	10
17(E)	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by .88 inches.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).



Entry Sizes	Shrink Boot P/N	Adhesive Lined Shrink Boot P/N
01-31	770-003S111	770-003S111W1
02-32	770-003S112	770-003S112W1
03	770-001S103	770-001S103W1
33-35	770-001S104	770-001S104W1
06-37	770-001S105	770-001S105W1
08-38	770-001S106	770-001S106W1
09-12	770-001S107	770-001S107W1
13-14	770-001S108	770-001S108W1
15-16	770-001S109	770-001S109W1

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band 601-041

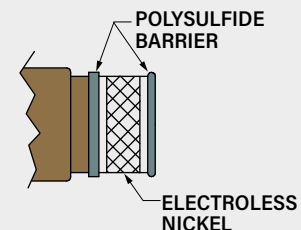


Banding Tool 601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*069 Banding Backshell, Shrink Boot, Self-Locking



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

<p>S Straight</p>	<p>C 90°</p> <p>Low Profile Split</p>
<p>D 90°</p> <p>Split</p>	<p>F 45°</p> <p>Split</p>
<p>H 45°</p> <p>Cut and Weld</p>	<p>J 90°</p> <p>Cut and Weld</p>
<p>M 45°</p> <p>Full Radius</p>	<p>N 90°</p> <p>Full Radius</p>

PART NUMBER

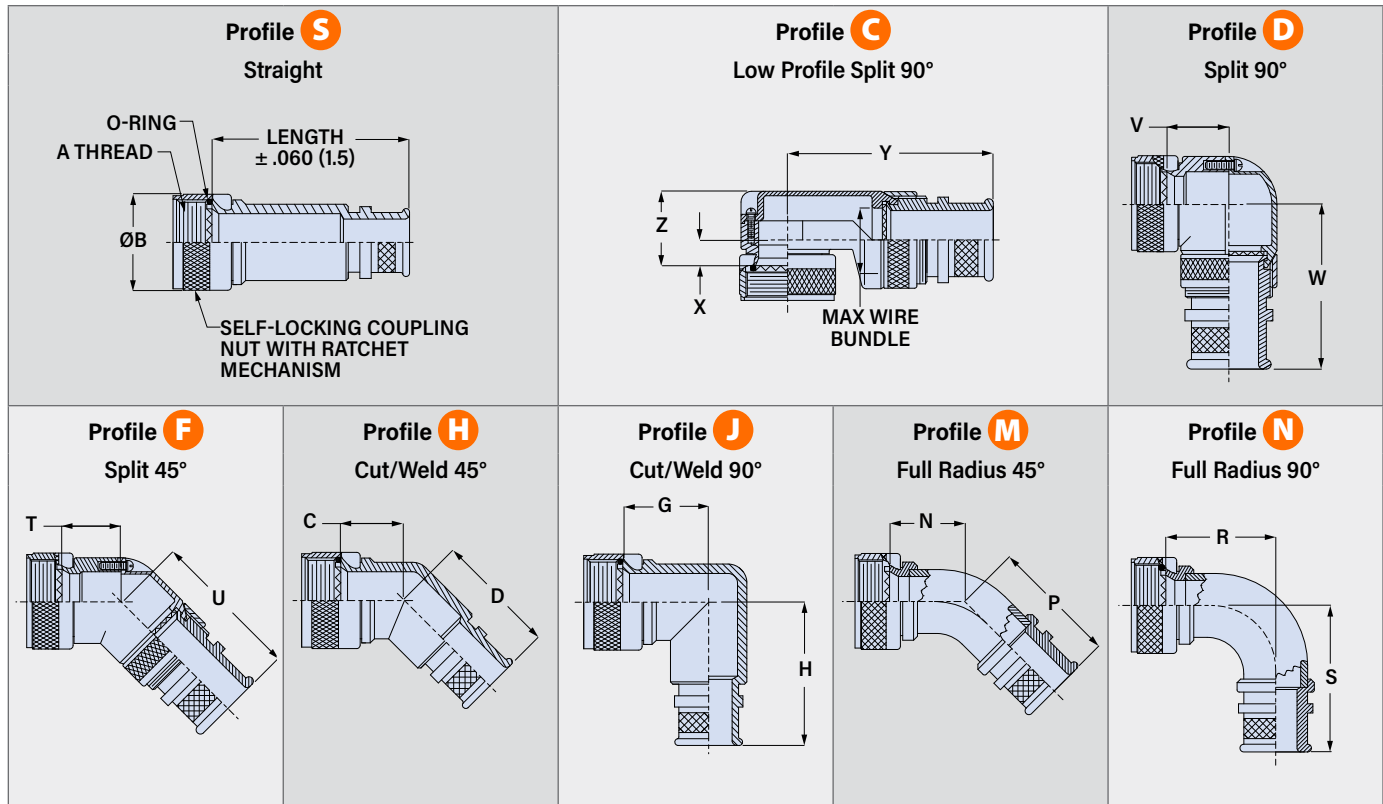
440HS069 Z1 17 06- 4 K P T

Base P/N	Base Part No. Profile					
	440HS069 S Straight					
	440HC069 C 90° Split Low Prof.					
	440HD069 D 90° Split					
	440HF069 F 45° Split					
	440HH069 H 45° Cut/Weld					
	440HJ069 J 90° Cut/Weld					
Material/Finish	440HM069 M 45° Full Radius					
	440HN069 N 90° Full Radius					
	M Alum/ Electroless Nickel					
	MT Alum/ Nickel-PTFE					
	NF Alum/ Olive Drab Cadmium					
Shell Size	ZR Alum/ Black Zinc-Nickel					
	TZ Alum/ Tin-Zinc					
	ZI SST/ Passivated (Profiles H, J, M, N, S only)					
Shell Size	Shell Size	9 11 13 15 17 19 21 23 25				
	Size Code	09 11 13 15 17 19 21 23 25				
Entry Size	Size	Inside Dia.	Shell Size*	Size	Inside Dia.	Shell Size*
	01	.125 (3.2)	09-25	07	.875 (22.2)	19-25
	31	.188 (4.8)	09-25	37	.938 (23.8)	21-25
	02	.250 (6.4)	09-25	08	1.000 (25.4)	21-25
	32	.312 (7.9)	11-25	38	1.062 (27.0)	23-25
	03	.375 (9.5)	11-25	09	1.125 (28.6)	23-25
	33	.438 (11.1)	13-25	10	1.250 (31.8)	25
	04	.500 (12.7)	13-25	11	1.375 (34.9)	-
	34	.562 (14.3)	15-25	12	1.500 (38.1)	-
	05	.625 (15.9)	15-25	13	1.625 (41.3)	-
	35	.688 (17.5)	17-25	14	1.750 (44.5)	-
	06	.750 (19.1)	17-25	15	1.875 (47.6)	-
	36	.812 (20.6)	19-25	16	2.000 (50.8)	-
*If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details. △ Profile C entry size cannot exceed shell size range listed in table.						
Length	3 1.5 inches	Applies to Profile S only.				
	4 2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.				
	5 2.5 inches					
	6 3.0 inches					
Band	Omit if not required					
	K	Pre-Coiled Band Included With Backshell				
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.					
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier				
Shrink Boot	Omit if not required					
	T	Shrink Boot Included With Backshell				
	T1	Adhesive-lined Shrink Boot Included With Backshell				

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*069 Banding Backshell, Shrink Boot, Self-Locking



Shell Size	A Thread	ØB Max	C Max.	D Max.	G Max.	H Max.	N Max.	P Max.	R Max.	S Max.
		in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
9 (A)	M12X1.0-6H	.94 24.8	.806 20.5	1.038 26.4	.906 23.0	1.146 29.1	.968 24.6	1.017 25.8	1.281 32.5	1.335 33.9
11 (B)	M15X1.0-6H	1.06 26.9	.832 21.1	1.064 27.0	.966 24.5	1.210 30.7	1.031 26.2	1.071 27.2	1.406 35.7	1.460 37.1
13 (C)	M18X1.0-6H	1.17 29.7	.856 21.7	1.088 27.6	1.026 26.0	1.268 32.2	1.094 27.8	1.121 28.5	1.531 38.9	1.585 40.3
15 (D)	M22X1.0-6H	1.29 32.7	.882 22.4	1.114 28.3	1.076 27.3	1.330 33.8	1.156 29.4	1.175 29.8	1.656 42.1	1.710 43.4
17 (E)	M25X1.0-6H	1.42 36.1	.908 23.1	1.150 29.2	1.136 28.8	1.392 35.4	1.218 30.9	1.224 31.1	1.781 45.2	1.835 46.6
19 (F)	M28X1.0-6H	1.54 39.1	.927 23.5	1.190 30.2	1.176 29.9	1.438 36.5	1.250 31.8	1.274 32.4	1.906 48.4	1.960 49.8
21 (G)	M31X1.0-6H	1.67 42.4	.953 24.2	1.250 31.8	1.236 31.4	1.500 38.1	1.312 33.3	1.328 33.7	2.031 51.6	2.085 53.0
23 (H)	M34X1.0-6H	2.01 51.1	.979 24.9	1.320 33.5	1.296 32.9	1.562 39.7	1.344 34.1	1.382 35.1	2.156 54.8	2.210 56.1
25 (J)	M37X1.0-6H	2.12 53.8	1.004 25.5	1.380 35.1	1.356 34.4	1.625 41.3	1.406 35.7	1.431 36.3	2.281 57.9	2.335 59.3

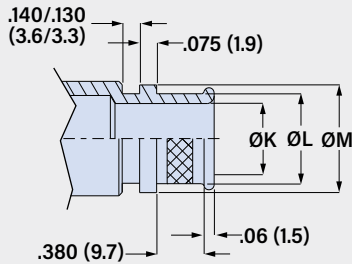
Shell Size	T Max.		U Max.		V Max.		W Max.		X Max.		Y Max.		Z Max.		Profile C Max. Wire Bundle	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	.596	15.1	1.635	41.5	.836	21.2	1.575	40.0	.496	12.6	1.915	48.6	.837	21.3	.250	6.4
11 (B)	.656	16.7	1.695	43.1	.906	23.0	1.635	41.5	.426	10.8	2.075	52.7	.887	22.5	.375	9.5
13 (C)	.716	18.2	1.765	44.8	.966	24.5	1.705	43.3	.426	10.8	2.075	52.7	.887	22.5	.375	9.5
15 (D)	.776	19.7	1.795	45.6	1.026	26.1	1.735	44.1	.436	11.1	2.145	54.5	.987	25.1	.500	12.7
17 (E)	.836	21.2	1.895	48.1	1.086	27.6	1.835	46.6	.576	14.6	2.195	55.8	1.137	28.9	.625	15.9
19 (F)	.906	23.0	1.955	49.7	1.156	29.4	1.895	48.1	.796	20.2	2.225	56.5	1.337	34.0	.625	15.9
21 (G)	.976	24.8	2.015	51.2	1.216	30.9	1.955	49.7	.796	20.2	2.225	56.5	1.337	34.0	.625	15.9
23 (H)	1.036	26.3	2.075	52.7	1.276	32.4	2.015	51.2	.696	17.7	2.375	60.3	1.337	34.0	.750	19.1
25 (J)	1.096	27.8	2.135	54.2	1.336	33.9	2.075	52.7	.696	17.7	2.375	60.3	1.337	34.0	.750	19.1

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*069 Banding Backshell, Shrink Boot, Self-Locking

ENTRY SIZE



Entry Size	Shell Sizes	ØK		ØL		ØM		Entry Size	Shell Sizes	ØK		ØL		ØM	
		±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm			±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm		
01	09-25	.125	3.2	.250	6.4	.312	7.9	07	19-25	.875	22.2	1.000	25.4	1.062	27.0
31	09-25	.188	4.8	.312	7.9	.375	9.5	37	21-25	.938	23.8	1.062	27.0	1.125	28.6
02	09-25	.250	6.4	.375	9.5	.438	11.1	08	21-25	1.000	25.4	1.125	28.6	1.188	30.2
32	11-25	.312	7.9	.438	11.1	.500	12.7	38	23-25	1.062	27.0	1.188	30.2	1.250	31.8
03	11-25	.375	9.5	.500	12.7	.562	14.3	09	23-25	1.125	28.6	1.250	31.8	1.312	33.3
33	13-25	.438	11.1	.562	14.3	.625	15.9	10	25	1.250	31.8	1.375	34.9	1.438	36.5
04	13-25	.500	12.7	.625	15.9	.687	17.4	11	-	1.375	34.9	1.500	38.1	1.562	39.7
34	15-25	.562	14.3	.688	17.5	.750	19.1	12	-	1.500	38.1	1.625	41.3	1.688	42.9
05	15-25	.625	15.9	.750	19.1	.812	20.6	13	-	1.625	41.3	1.750	44.5	1.812	46.0
35	17-25	.688	17.5	.812	20.6	.875	22.2	14	-	1.750	44.5	1.875	47.6	1.938	49.2
06	17-25	.750	19.1	.875	22.2	.938	23.8	15	-	1.875	47.6	2.000	50.8	2.062	52.4
36	19-25	.812	20.6	.938	23.8	1.000	25.4	16	-	2.000	50.8	2.125	54.0	2.188	55.6

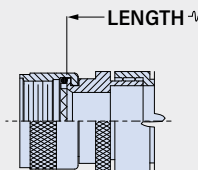
MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

△ Profile G backshells are not available with entry sizes larger than shown in table.

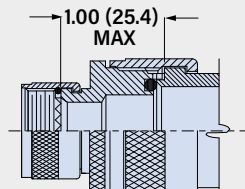
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
9(A)	02	19(F)	07
11(B)	03	21(G)	08
13(C)	04	23(H)	09
15(D)	05	25(J)	10
17(E)	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by one inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).



Entry Sizes	Adhesive Lined Shrink Boot P/N	
	Shrink Boot P/N	Shrink Boot P/N
01-31	770-003S111	770-003S111W1
02-32	770-003S112	770-003S112W1
03	770-001S103	770-001S103W1
33-35	770-001S104	770-001S104W1
06-37	770-001S105	770-001S105W1
08-38	770-001S106	770-001S106W1
09-12	770-001S107	770-001S107W1
13-14	770-001S108	770-001S108W1
15-16	770-001S109	770-001S109W1

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The **Band-Master ATS® Advanced Cable Shield Termination System** is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



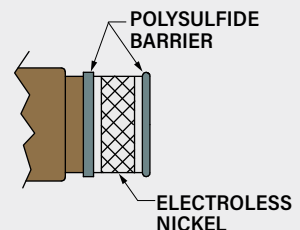
Band 601-041

Banding Tool 601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

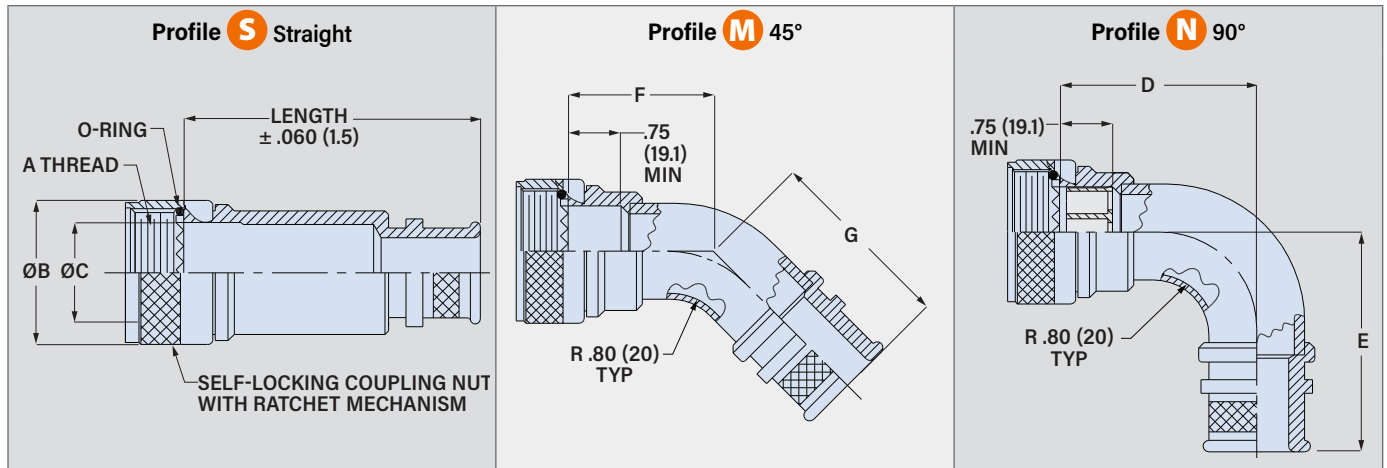
△ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

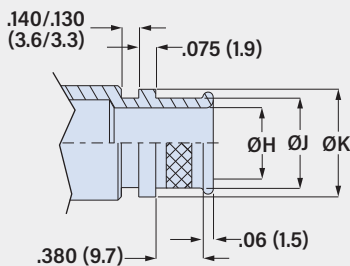
for MIL-DTL-38999 Series III and IV Connectors

440H*233 Banding Backshell, Shrink Boot, Expanded Clearance



Shell Size	A Thread	øB Max in mm	øC Min in mm	D Max. in mm	E Max. in mm	F Max. in mm	G Max. in mm	Max Entry Size
9 (A)	M12X1.0-6H	.94 23.9	.372 9.4	1.893 48.1	1.883 47.8	1.433 36.4	1.423 36.1	06
11 (B)	M15X1.0-6H	1.06 26.9	.470 11.9	1.955 49.7	1.945 49.4	1.460 37.1	1.450 36.8	07
13 (C)	M18X1.0-6H	1.17 29.7	.584 14.8	2.107 53.5	2.097 53.3	1.485 37.7	1.475 37.5	09
15 (D)	M22X1.0-6H	1.29 32.8	.709 18.0	2.170 55.1	2.160 54.9	1.541 39.1	1.531 38.9	11
17 (E)	M25X1.0-6H	1.42 36.1	.834 21.2	2.275 57.8	2.265 57.5	1.580 40.1	1.570 39.9	13
19 (F)	M28X1.0-6H	1.54 39.1	.940 23.9	2.338 59.4	2.328 59.1	1.606 40.8	1.596 40.5	15
21 (G)	M31X1.0-6H	1.67 42.4	1.065 27.1	2.399 60.9	2.389 60.7	1.588 40.3	1.578 40.1	17
23 (H)	M34X1.0-6H	2.01 51.1	1.190 30.2	2.420 61.5	2.410 61.2	1.610 40.9	1.600 40.6	18
25 (J)	M37X1.0-6H	2.12 53.8	1.315 33.5	2.525 64.1	2.515 63.9	1.641 41.7	1.631 41.4	20

ENTRY SIZE



Entry Size	Shell Size	±.015 (0.4) in mm	±.015 (0.4) in mm	±.015 (0.4) in mm
04	09-25	.250	6.4	.375
05	09-25	.312	7.9	.438
06	11-25	.375	9.5	.500
07	13-25	.438	11.1	.562
08	13-25	.500	12.7	.625
09	15-25	.562	14.3	.688
10	15-25	.625	15.9	.750
11	17-25	.688	17.5	.812
12	17-25	.750	19.1	.875
13	19-25	.812	20.6	.938
14	19-25	.875	22.2	1.000
15	21-25	.938	23.8	1.062
16	21-25	1.000	25.4	1.125
17	23-25	1.062	27.0	1.188
18	23-25	1.125	28.6	1.250
20	25	1.250	31.8	1.375

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection.

Code T, T1: Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C. Code T1 adds W1 hot melt adhesive precoat (-55 to +125 °C).

Code H, H1: Type 2 halogen-free polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. Operating temperature range -40 to +130 °C. Code H1 adds W1 hot melt adhesive precoat (-55 to +125 °C).



Entry Sizes	Shrink Boot P/N*	Zero Halogen Shrink Boot P/N*
02-32	770-003S112	770-003S212
03	770-001S103	770-001S203
33-35	770-001S104	770-001S204
06-37	770-001S105	770-001S205
08-38	770-001S106	770-001S206
09-10	770-001S107	770-001S207

* Add "W1" to the part number for adhesive lined boot

BAND

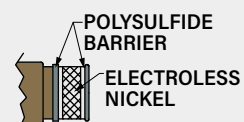
Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System provides excellent static loading and corrosion resistance in electrical wire interconnect systems.



POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*072 Banding Backshell, Dual Band



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE

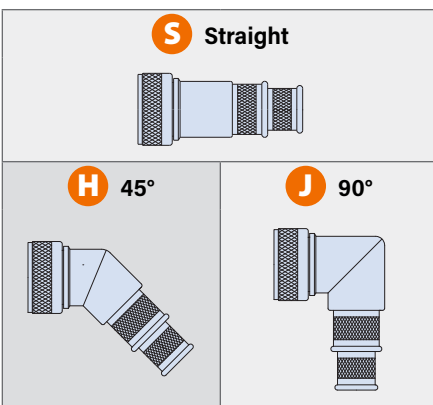


TABLE 1: ENTRY SIZE

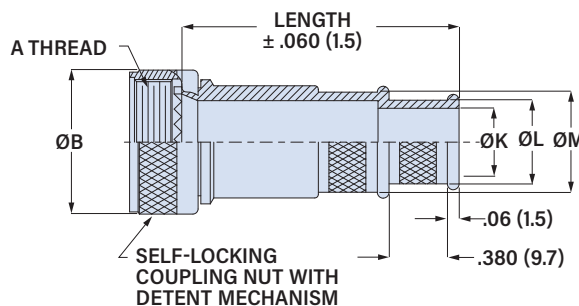
Entry Size	Shell Sizes*	øK		øL		øM	
		±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm
02	08-24	.125	3.2	.250	6.4	.312	7.9
03	08-24	.188	4.8	.312	7.9	.375	9.5
04	08-24	.250	6.4	.375	9.5	.438	11.1
05	10-24	.312	7.9	.438	11.1	.500	12.7
06	10-24	.375	9.5	.500	12.7	.562	14.3
07	12-24	.438	11.1	.562	14.3	.625	15.9
08	12-24	.500	12.7	.625	15.9	.688	17.5
09	14-24	.562	14.3	.688	17.5	.750	19.1
10	14-24	.625	15.9	.750	19.1	.812	20.6
11	16-24	.688	17.5	.812	20.6	.875	22.2
12	16-24	.750	19.1	.875	22.2	.938	23.8
13	18-24	.812	20.6	.938	23.8	1.000	25.4
14	20-24	.875	22.2	1.000	25.4	1.062	27.0
15	20-24	.938	23.8	1.062	27.0	1.125	28.6
16	22-24	1.000	25.4	1.125	28.6	1.188	30.2
17	22-24	1.062	27.0	1.188	30.2	1.250	31.8
18	24	1.125	28.6	1.250	31.8	1.312	33.3
20	-	1.250	31.8	1.375	34.9	1.438	36.5
22	-	1.375	34.9	1.500	38.1	1.562	39.7
24	-	1.500	38.1	1.625	41.3	1.688	42.9

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Self-Locking. Two banding platforms. 440H*072 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

PART NUMBER

		440HS072	ZI	19	06-	4	K	P		
Base P/N	Base Part No.	Profile								
	440HS072	S Straight								
	440HH072	H 45°								
	440HJ072	J 90°								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
	Length	3	1.5 inches	Applies to Profile S only.						
	4	2.0 inches	If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch							
	5	2.5 inches	minimum applies.							
	6	3.0 inches								
Band	Omit if not required									
	K	Pre-Coiled Bands Included With Backshell (qty. 2)								
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.									
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier								

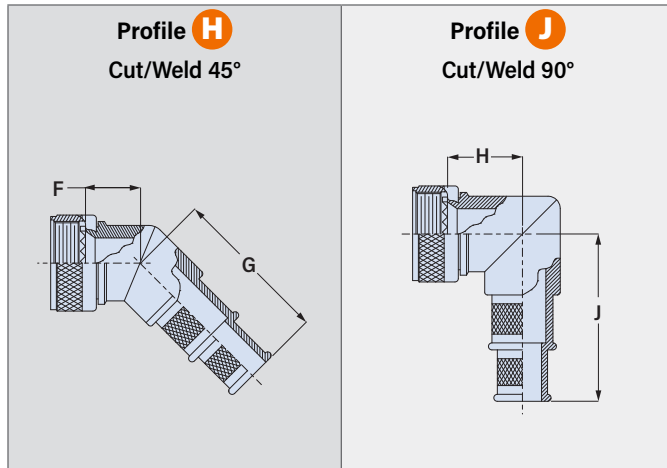


Shell Size	A Thread	øB Max	
		in	mm
9 (A)	M12X1.0-6H	.94	24.8
11 (B)	M15X1.0-6H	1.06	26.9
13 (C)	M18X1.0-6H	1.17	29.7
15 (D)	M22X1.0-6H	1.29	32.7
17 (E)	M25X1.0-6H	1.42	36.1
19 (F)	M28X1.0-6H	1.54	39.1
21 (G)	M31X1.0-6H	1.67	42.4
23 (H)	M34X1.0-6H	2.01	51.1
25 (J)	M37X1.0-6H	2.12	53.8

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

440H*072 Banding Backshell, Dual Band



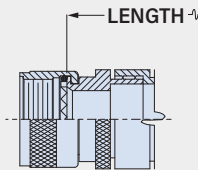
Shell Size	F Max.		G Max.		H Max.		J Max.	
	in	mm	in	mm	in	mm	in	mm
9 (A)	.795	20.2	1.328	33.7	.906	23.0	1.438	36.5
11 (B)	.820	20.8	1.358	34.4	.966	24.5	1.498	38.0
13 (C)	.844	21.4	1.378	35.0	1.026	26.1	1.558	39.6
15 (D)	.861	21.9	1.408	35.8	1.076	27.3	1.628	41.4
17 (E)	.888	22.6	1.428	36.3	1.136	28.9	1.688	42.9
19 (F)	.904	23.0	1.458	37.0	1.176	29.9	1.708	43.4
21 (G)	.929	23.6	1.458	37.0	1.236	31.4	1.768	44.9
23 (H)	.956	24.3	1.498	38.0	1.296	32.9	1.848	46.9
25 (J)	.979	24.9	1.528	38.8	1.356	34.4	1.918	48.7

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

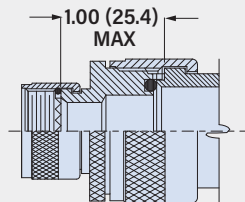
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
9(A)	04	19(F)	14
11(B)	06	21(G)	16
13(C)	08	23(H)	18
15(D)	10	25(J)	20
17(E)	12		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 1/2 inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by one inch.

BAND

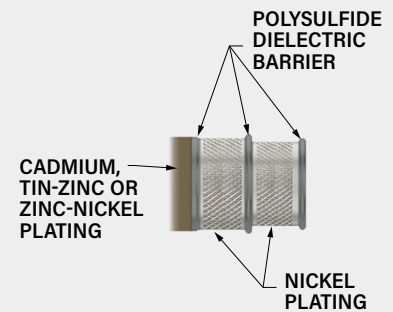
Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



POLYSULFIDE

Optional selective nickel plating on banding surfaces prevents galvanic mismatch between nickel-coated braid shield and backshell plating. Polysulfide stripes provide dielectric barriers.

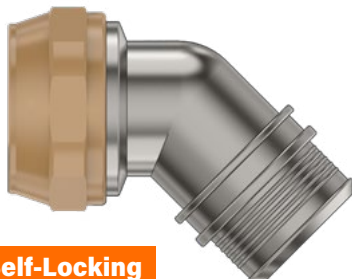
⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

447H*325 Banding Backshell, Composite, Shrink Boot



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

TABLE 1: ENTRY SIZE

Entry Size	Cable Entry ±.03(0.8) in	Shell Sizes	Entry Size	Cable Entry ±.03(0.8) in	Shell Sizes
03	.19	4.8 09-25	12	.75	19.1 17-25
04	.25	6.4 09-25	13	.81	20.6 19-25
05	.31	7.9 11-25	14	.88	22.4 21-25
06	.38	9.7 11-25	15	.94	23.9 21-25
07	.44	11.2 13-25	16	1.00	25.4 23-25
08	.50	12.7 13-25	17	1.06	26.9 23-25
09	.56	14.2 15-25	18	1.13	28.7 25
10	.63	16.0 15-25	19	1.19	30.2 25
11	.69	17.5 17-25			

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.

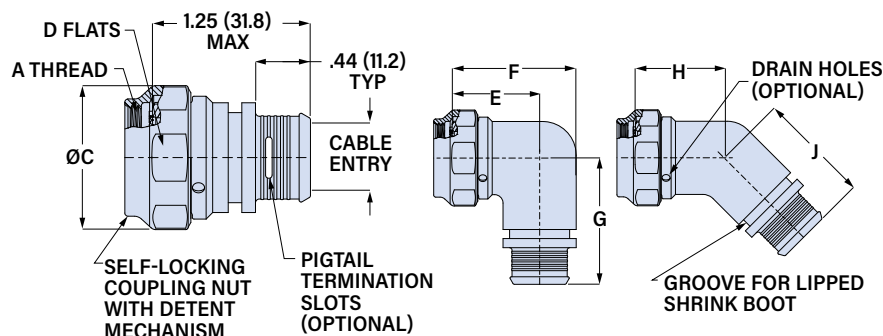


Composite. Banding. Self-locking. 447H*325 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Glass-reinforced thermoplastic.

PART NUMBER

	447HS325	XM	17	12	D	K	T	S		
Base P/N	Base Part No.	Profile								
	447HS325	S	Straight							
	447HT325	T	45°							
Finish	447HW325	W	90°							
	XM	Electroless Nickel								
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XTZ	Tin-Zinc								
<i>Coupling nut is unplated.</i>										
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Drain Holes	<i>Omit if not required</i>									
	D	Drain Holes								
Band	<i>Omit if not required</i>									
	K	Pre-Coiled Band Included With Backshell								
Shrink Boot	<i>Omit if not required</i>									
	T	Shrink Boot Included With Backshell								
Slot	<i>Omit if not required</i>									
	S	Pigtail Termination Slots								

S Straight **W** 90° **T** 45°



Shell Size	A Thread	øB Max	D Flats	E ±.06(1.5)	F ±.09(2.3)	G ±.09(2.3)	H ±.06(1.5)	J ±.06(1.5)	Max Entry Size
9 (A)	M12X1.0-6H	.86 21.8	.75 19.1	.69 17.5	.88 22.4	1.19 30.2	.72 18.3	1.00 25.4	04
11 (B)	M15X1.0-6H	.98 24.9	.88 22.4	.75 19.1	1.00 25.4	1.25 31.8	.75 19.1	1.06 26.9	06
13 (C)	M18X1.0-6H	1.16 29.5	1.00 25.4	.81 20.6	1.13 28.7	1.31 33.3	.75 19.1	1.13 28.7	08
15 (D)	M22X1.0-6H	1.28 32.5	1.13 28.7	.88 22.4	1.31 33.3	1.38 35.1	.76 19.3	1.16 29.5	10
17 (E)	M25X1.0-6H	1.41 35.8	1.25 31.8	.94 23.9	1.38 35.1	1.44 36.6	.78 19.8	1.18 30.0	12
19 (F)	M28X1.0-6H	1.52 38.6	1.38 35.1	.97 24.6	1.44 36.6	1.47 37.3	.79 20.1	1.19 30.2	13
21 (G)	M31X1.0-6H	1.64 41.7	1.50 38.1	1.06 26.9	1.63 41.4	1.56 39.6	.82 20.8	1.22 31.0	15
23 (H)	M34X1.0-6H	1.77 45.0	1.63 41.4	1.13 28.7	1.75 44.5	1.63 41.4	.86 21.8	1.26 32.0	17
25 (J)	M37X1.0-6H	1.89 48.0	1.75 44.5	1.19 30.2	1.88 47.8	1.69 42.9	.89 22.6	1.29 32.8	19

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

447H*326 Banding Backshell, Composite, Shrink Boot, Micro Band



Self-Locking

Micro Band

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

TABLE 1: ENTRY SIZE

Entry Size	Cable Entry		øL		øM		Shell Sizes
	±.03 (0.8) in	±.03 (0.8) mm	±.015(0.4) in	±.015(0.4) mm	±.015(0.4) in	±.015(0.4) mm	
02	.13	3.3	.250	6.4	.386	9.8	09-25
03	.19	4.8	.316	8.0	.452	11.5	09-25
04	.25	6.4	.382	9.7	.510	13.0	09-25
05	.31	7.9	.448	11.4	.584	14.8	11-25
06	.38	9.7	.515	13.1	.651	16.5	11-25
07	.44	11.2	.582	14.8	.718	18.2	13-25
08	.50	12.7	.647	16.4	.783	19.9	13-25
09	.56	14.2	.713	18.1	.849	21.6	15-25
10	.63	16.0	.780	19.8	.913	23.2	15-25
11	.69	17.5	.847	21.5	.983	25.0	17-25
12	.75	19.1	.913	23.2	1.049	26.6	17-25
13	.81	20.6	.979	24.9	1.115	28.3	19-25
14	.88	22.4	1.054	26.8	1.190	30.2	21-25
15	.94	23.9	1.115	28.3	1.251	31.8	21-25
16	1.00	25.4	1.183	30.0	1.319	33.5	23-25
17	1.06	26.9	1.251	31.8	1.387	35.2	23-25
18	1.13	28.7	1.320	33.5	1.456	37.0	25
19	1.19	30.2	1.389	35.3	1.525	38.7	25

MICRO BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Entry Sizes	Pre-Coiled Band P/N	Length
02 - 08	601-061	8.13 (206)
09 - 19	601-065	14.25 (362)

SHRINK BOOT

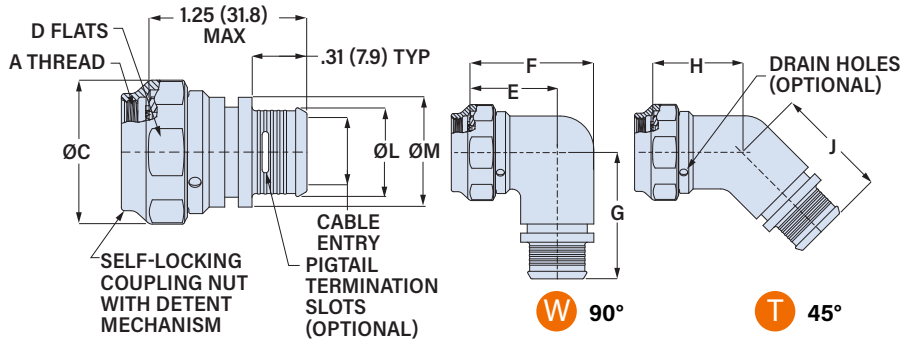
Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



Composite. Micro band. Self-locking. 447H*326 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional micro band strap. Optional shrink boot adds strain relief and environmental protection. Glass-reinforced thermoplastic.

PART NUMBER

		447HS326	XM	19	10	D	K	T	S	
Base P/N	BasePartNo.									
	Profile									
	447HS326	S	Straight							
Finish	447HT326	T	45°							
	447HW326	W	90°							
	XM	Electroless Nickel								
Shell Size	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XTZ	Tin-Zinc								
	Coupling nut is unplated.									
Entry Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Drain Holes	Omit if not required D Drain Holes									
Band	Omit if not required K Pre-Coiled Micro Band Included With Backshell									
Shrink Boot	Omit if not required T Shrink Boot Included With Backshell									
Slot	Omit if not required S Pigtail Termination Slots									

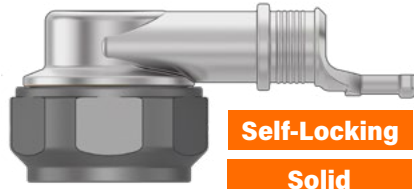


Shell Size	A Thread	øB	D	E	F	G	H	J	Max							
		Max	Hex Flats	±.06(1.5)	±.09(2.3)	±.09(2.3)	±.06(1.5)	±.09(2.3)	Entry Size							
		in	in	in	in	in	in	in	in							
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	26.9	.72	18.3	.87	22.1	04
11 (B)	M15X1.0-6H	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	.75	19.1	.93	23.6	06
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	.75	19.1	1.00	25.4	08
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.25	31.8	.76	19.3	1.03	26.2	10
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.31	33.3	.78	19.8	1.05	26.7	12
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.38	35.0	.79	20.1	1.06	26.9	13
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.48	37.6	.82	20.8	1.09	27.7	15
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.54	39.1	.86	21.8	1.13	28.7	17
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.60	40.6	.89	22.6	1.16	29.5	19

Series 44 Banding Backshells

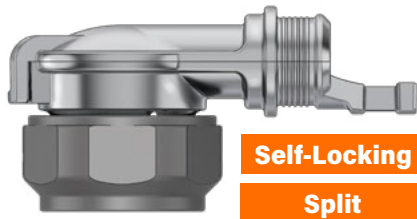
for MIL-DTL-38999 Series III and IV Connectors

440H*143 Banding Backshell, Composite, Shrink Boot, Ultra Low Profile 90°



Self-Locking

Solid



Self-Locking

Split

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Band P/N	Length
601-060	8.13 (206)

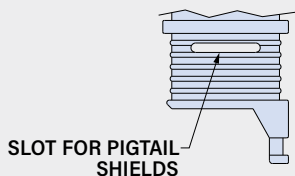
SHRINK BOOT



Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. -75 to +150 °C operating temperature.

FIGURE 1: SLOTS

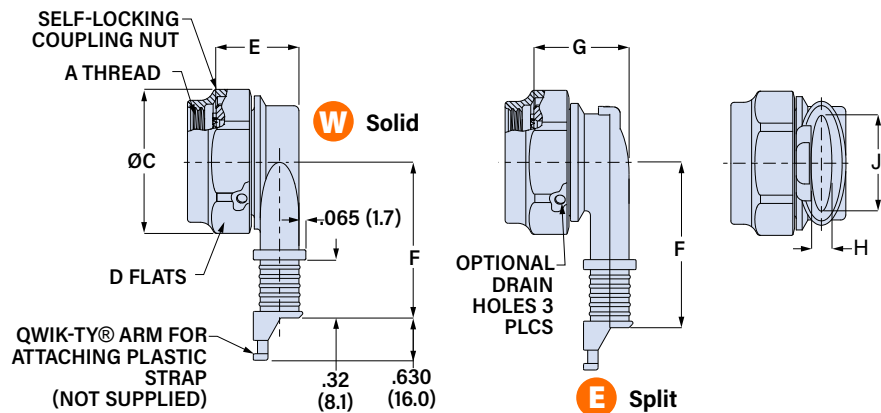
Optional pigtail shield termination slots are located on banding platform. Profile E split version has one slot. Profile W solid version has two slots.



Ultra low-profile 90°. Composite. Self-locking. Micro band. Elliptical entry. Qwik-Ty®. 440F*143 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Split version has lid for wiring access. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional micro band strap. Optional shrink boot adds strain relief. Glass-reinforced thermoplastic.

PART NUMBER

		440HE143	XM	19	D	B	T	S		
Base P/N	Base Part No.	440HE143	E	90° Split						
		440HW143	W	90° Solid						
Finish	XM	Electroless Nickel								
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XTZ	Tin-Zinc								
<i>Coupling nut is unplated, black color.</i>										
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Drain Holes	<i>Omit if not required</i>									
	D	Drain Holes								
Band	<i>Omit if not required</i>									
	B	Micro Band Included (supplied flat/uncoiled)								
Shrink Boot	<i>Omit if not required</i>									
	T	Shrink Boot Included								
Slot	<i>Omit if not required. See Figure 1.</i>									
	S	Pigtail Termination Slots								



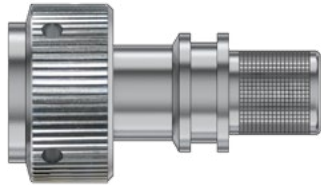
Shell Size	Profile	A Thread	øC Max	Hex Flats	E Max	F	G Max	H	J							
			in mm	in mm	in mm	in mm	in mm	in mm	in mm							
9 (A)	E, W	M12X1.0-6H	.86	21.8	.750	19.1	.63	16.0	1.042	26.5	.81	20.6	.160	4.1	.304	7.7
11 (B)	E, W	M15X1.0-6H	.98	24.9	.875	22.2	.66	16.8	1.107	28.1	.81	20.6	.174	4.4	.432	11.0
13 (C)	E, W	M18X1.0-6H	1.16	29.5	1.000	25.4	.72	18.3	1.174	29.8	.82	20.8	.195	5.0	.546	13.9
15 (D)	E, W	M22X1.0-6H	1.28	32.5	1.125	28.6	.83	21.1	1.241	31.5	.88	22.4	.315	8.0	.670	17.0
17 (E)	E, W	M25X1.0-6H	1.41	35.8	1.250	31.8	.91	23.1	1.305	33.1	.93	23.6	.385	9.8	.796	20.2
19 (F)	E, W	M28X1.0-6H	1.52	38.6	1.375	34.9	.93	23.6	1.371	34.8	.99	25.1	.445	11.3	.902	22.9
21 (G)	E, W	M31X1.0-6H	1.64	41.7	1.500	38.1	1.04	26.4	1.438	36.5	1.06	26.9	.525	13.3	1.027	26.1
23 (H)	E, W	M34X1.0-6H	1.77	45.0	1.625	41.3	1.12	28.4	1.505	38.2	1.13	28.7	.595	15.1	1.152	29.3
25 (J)	E	M37X1.0-6H	1.89	48.0	1.750	44.5	N/A	N/A	1.850	47.0	1.05	26.7	.450	11.4	1.460	37.1
25 (J)	W	M37X1.0-6H	1.89	48.0	1.75	44.5	1.18	30.0	1.572	39.9	N/A	N/A	.655	16.6	1.276	32.4

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

447H*531 Banding Backshell, Shrink Boot, Spanner Nut

Self-Locking



Self-locking. Impact resistant coupling nut. 447H*531 banding backshell fits MIL-DTL-38999 Series III/IV connectors. Impact resistant coupling nut has 2.8 mm spanner wrench holes. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach shielding and overbraid sleeving to backshell with band strap (not supplied). Shrink boot (not supplied) adds strain relief and environmental protection. Aluminum or stainless steel with thermoplastic anti-decoupling spring and SST retainer ring.

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

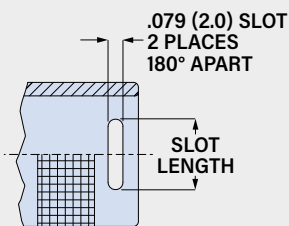
TABLE 1: ENTRY SIZE

Entry Size	øE		øF		øG		Shell Sizes
	in	mm	in	mm	in	mm	
03	.185	4.7	.303	7.7	.480	12.2	09-15
04	.252	6.4	.370	9.4	.551	14.0	09-17
05	.311	7.9	.433	11.0	.610	15.5	09-21
06	.374	9.5	.496	12.6	.673	17.1	11-23
07	.437	11.1	.555	14.1	.736	18.7	11-25
08	.500	12.7	.618	15.7	.800	20.3	13-25
10	.626	15.9	.744	18.9	.925	23.5	15-25
12	.752	19.1	.866	22.0	1.051	26.7	17-25
14	.874	22.2	.992	25.2	1.173	29.8	19-25
16	1.004	25.5	1.118	28.4	1.300	33.0	21-25
18	1.126	28.6	1.240	31.5	1.425	36.2	23-25
20	1.252	31.8	1.366	34.7	1.551	39.4	25

TABLE 2: LENGTH CODE

Length Code	J		K Max		L Max	
	in	mm	in	mm	in	mm
A	.291	7.4	1.035	26.3	1.362	34.6
B	.606	15.4	1.350	34.3	1.677	42.6
C	.803	20.4	1.547	39.3	1.874	47.6
D	1.197	30.4	1.941	49.3	2.768	57.6

FIGURE 1: SLOT OPTION (L)



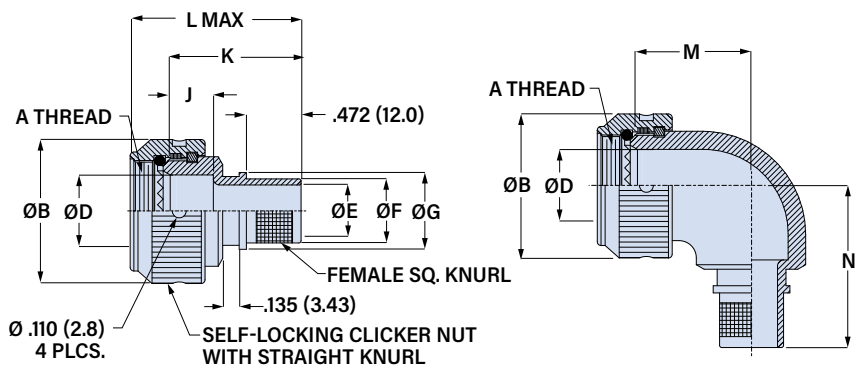
Entry Size	Slot Length in	Slot Length mm
03, 04, 05	.157	4.0
06, 07, 08	.276	7.0
10, 12	.433	11.0
14, 16	.472	12.0
18, 20	.551	14.0

PART NUMBER

Base P/N	Base Part No.	Profile	447HS531	ZI	19	10	B	L	-157	
	447HJ531	90°								
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Length	Applies to Profile S only. See Table 2.									
	A B C D									
Slot	Omit if not required. See Figure 1.									
	L Slots for Individual Shields									
Teflon Coating	Omit if not required.									
	-157 Teflon Coating on Inside Surface									

S Straight

J 90°



Shell Size	A Thread	øB Max in	mm	øD Min in	mm	M Max in	mm	N Max in	mm	Max Entry Size
9 (A)	M12X1.0-6H	.858	21.8	.264	6.7	.553	14.1	1.222	31.1	05
11 (B)	M15X1.0-6H	.984	25.0	.380	9.7	.622	15.8	1.347	34.2	07
13 (C)	M18X1.0-6H	1.157	29.4	.494	12.6	.683	17.4	1.494	38.0	08
15 (D)	M22X1.0-6H	1.280	32.5	.620	15.6	.744	18.9	1.561	40.0	10
17 (E)	M25X1.0-6H	1.406	35.7	.746	19.0	.799	20.3	1.624	41.3	12
19 (F)	M28X1.0-6H	1.516	38.5	.833	21.1	.846	21.5	1.722	43.8	14
21 (G)	M31X1.0-6H	1.642	41.7	.959	24.4	1.047	26.6	1.847	46.9	16
23 (H)	M34X1.0-6H	1.768	44.9	1.081	27.5	.969	24.6	1.972	50.1	18
25 (J)	M37X1.0-6H	1.890	48.0	1.207	30.7	1.047	26.6	2.098	53.3	20

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

443H*024 Banding Backshell, Shrouded Environmental

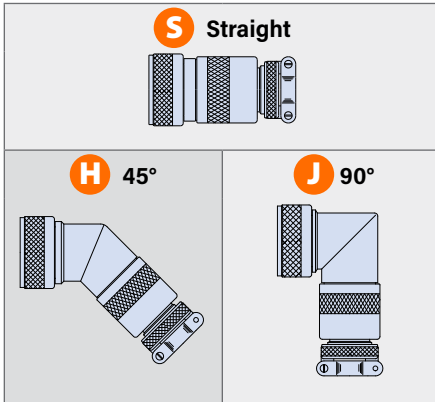


Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE



Environmental. "Band-in-a-Can" shield termination. Saddle clamp. 443H*024 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (not supplied). Environmentally sealed with O-rings and cable grommet. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

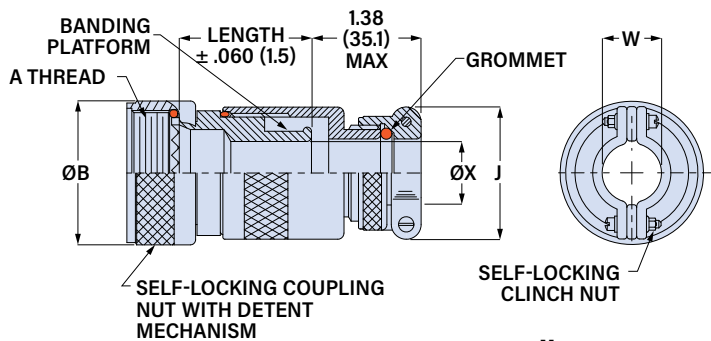
PART NUMBER

		443HS024	NF	19	06-	3	S			
Base P/N	Base Part No.	443HS024	S	Straight						
		443HH024	H	45°						
		443HJ024	J	90°						
Material/Finish	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZM	SST/ Electroless Nickel								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Length	2	1.0 inch		Applies to Profile S only.						
	3	1.5 inches		If Entry Size is greater than						
	4	2.0 inches		"Maximum Entry Size", then 1.5						
	6	3.0 inches		inch minimum applies.						
Self-Locking	S	Self-Locking Coupling Nut								

TABLE 1: ENTRY SIZE

Entry Size	Cable Range				J Max.	W Closed	ø X Min	Shell Sizes*
	Min. in	Max. mm	Min. mm	Max. in				
01	.125	3.2	.250	6.4	1.05	26.7	.264 6.7	.25 6.4 09-25
02	.188	4.8	.375	9.5	1.20	30.5	.344 8.7	.37 9.4 11-25
03	.312	7.9	.438	11.1	1.30	33.0	.460 11.7	.43 10.9 13-25
04	.343	8.7	.500	12.7	1.44	36.6	.545 13.8	.50 12.7 13-25
05	.438	11.1	.625	15.9	1.69	42.9	.698 17.7	.62 15.7 15-25
06	.562	14.3	.750	19.1	1.77	45.0	.780 19.8	.75 19.1 17-25
07	.688	17.5	.875	22.2	2.12	53.8	.950 24.1	.87 22.1 19-25
08	.812	20.6	1.000	25.4	2.50	63.5	1.015 25.8	1.00 25.4 21-25
09	.938	23.8	1.125	28.6	2.62	66.5	1.187 30.1	1.12 28.4 23-25
10	1.062	27.0	1.250	31.8	2.68	68.1	1.220 31.0	1.25 31.8 -
11	1.125	28.6	1.375	34.9	3.00	76.2	1.500 38.1	1.38 35.1 -
12	1.250	31.8	1.500	38.1	3.50	88.9	1.625 41.3	1.50 38.1 -

* If Entry Size exceeds the shell size range in this table, the backshell will include a "Style 2" adapter. See "Maximum Entry Size" on next page.



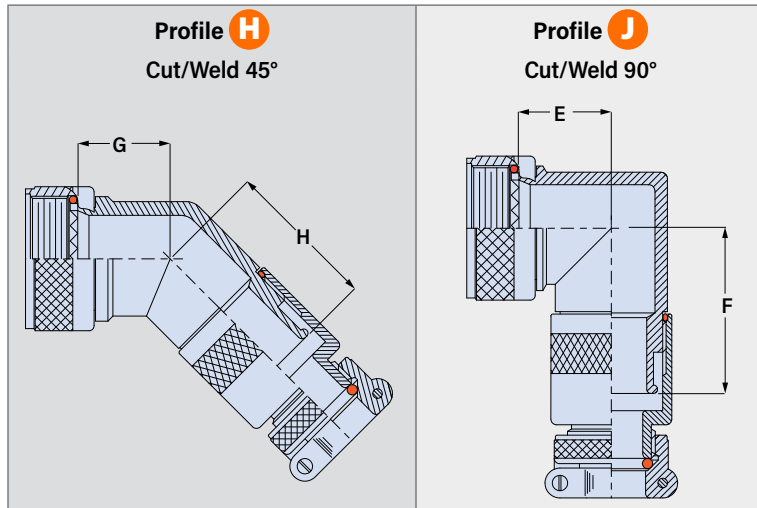
Shell Size	A Thread	øB Max in	Max Entry Size*
9 (A)	M12X1.0-6H	.94 24.8	01
11 (B)	M15X1.0-6H	1.06 26.9	02
13 (C)	M18X1.0-6H	1.17 29.7	04
15 (D)	M22X1.0-6H	1.29 32.7	05
17 (E)	M25X1.0-6H	1.42 36.1	06
19 (F)	M28X1.0-6H	1.54 39.1	07
21 (G)	M31X1.0-6H	1.67 42.4	08
23 (H)	M34X1.0-6H	2.01 51.1	09
25 (J)	M37X1.0-6H	2.12 53.8	09

* If Entry Size exceeds the Max Entry Size in this table, the backshell will include a "Style 2" adapter. See "Maximum Entry Size" on next page.

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

443H*024 Banding Backshell, Shrouded Environmental



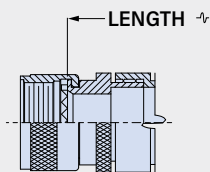
Shell Size	E Max.		F Max.		G Max.		H Max.	
	in	mm	in	mm	in	mm	in	mm
9 (A)	.75	19.1	1.50	38.1	.639	16.2	1.380	35.1
11 (B)	.81	20.6	1.55	39.4	.664	16.9	1.410	35.8
13 (C)	.87	22.1	1.61	40.9	.688	17.5	1.430	36.3
15 (D)	.92	23.4	1.68	42.7	.705	17.9	1.460	37.1
17 (E)	.98	24.9	1.74	44.2	.732	18.6	1.480	37.6
19 (F)	1.02	25.9	1.76	44.7	.748	19.0	1.490	37.8
21 (G)	1.08	27.4	1.82	46.2	.773	19.6	1.510	38.4
23 (H)	1.14	29.0	1.90	48.3	.800	20.3	1.550	39.4
25 (J)	1.20	30.5	1.97	50.0	.823	20.9	1.580	40.1

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

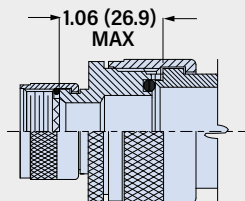
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
9(A)	01	19(F)	07
11(B)	02	21(G)	08
13(C)	04	23(H)	09
15(D)	05	25(J)	09
17(E)	06		

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 2 (1 inch) to 4 (2 inches).

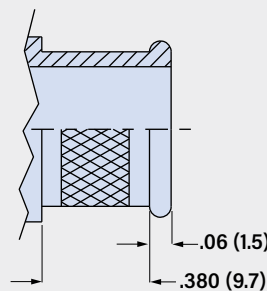
Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.06 inches.

BAND

SST band strap (not included, ordered separately) provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



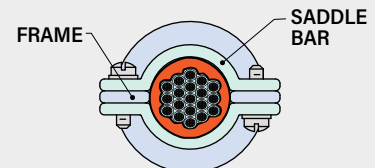
Band
601-041



Banding Tool
601-100

APPLICATION NOTE

This backshell has a **full radius** saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

443H*042 Banding Backshell, Shrouded, Expanded Clearance

Self-Locking

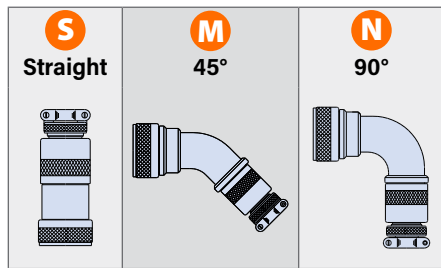


Prevents splaying of size 8 twinax, quadrax and octaxial contacts. Environmental. "Band-in-a-Can" shield termination. Saddle clamp. 443H*042 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Backshell has increased clearance for D38999/62 sealing boot used with size 8 data contacts. Optional organizer bushing provides additional protection against contact splay. 45° and 90° profiles have large radius elbows for minimized bending of data cables. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (optional). Environmentally sealed with O-rings. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings and grommet. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

Adapter Code H

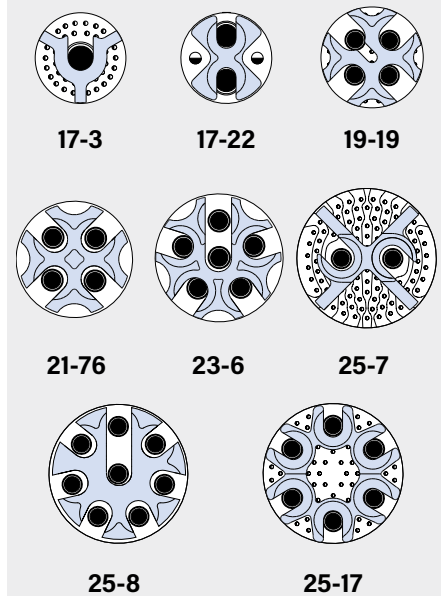
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE



ORGANIZER BUSHING

Optional organizer bushing provides additional protection against contact splay and mating damage. Bushing fits MIL-DTL-38999/62 sealing boots. PEI thermoplastic, black.



PART NUMBER

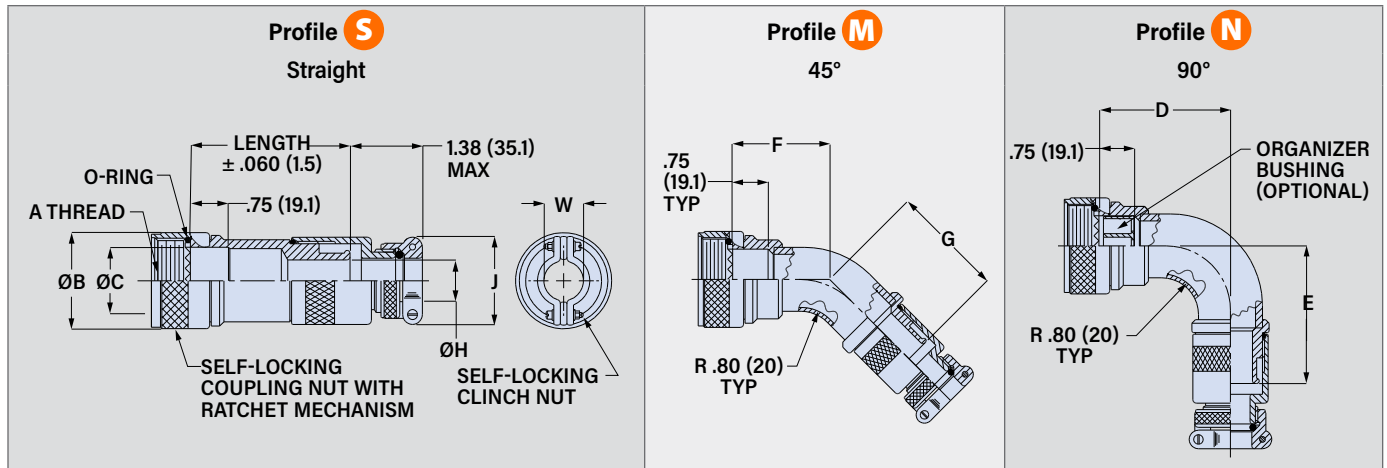
443HS042 M 19 06 -4 K P

Base P/N	Base Part No.	Profile			
	443HS042	S Straight			
	443HM042	M 45°			
	443HN042	N 90°			
Material / Finish	ME	Aluminum / Electroless Nickel			
	MT	Aluminum / Nickel-PTFE			
	NF	Aluminum / Olive Drab Cadmium			
	ZR	Aluminum / Black Zinc-Nickel			
	TZ	Aluminum / Tin-Zinc			
	ZI	Stainless Steel / Passivated			
Shell Size and Arrangement	Shell Size / Arrang.	Shell Organizer / Arrang.	Shell Size / Arrang.	Shell Organizer / Arrang.	
	09	9 (A) No	21	21 (G) No	
	11	11 (B) No	21-76	21 (G) 21-76	
	13	13 (C) No	23	23 (H) No	
	15	15 (D) No	23-6	23 (H) 23-6	
	17	17 (E) No	25	25 (J) No	
	17-3	17 (E) 17-3	25-7	25 (J) 25-7	
	17-22	17 (E) 17-22	25-8	25 (J) 25-8	
	19	19 (F) No	25-17	25 (J) 25-17	
	19-19	19 (F) 19-19			
	Entry Size	Size	Cable Range		Shell Sizes
			Min	Max	
01		.125 (3.2)	.250 (6.4)	09-25	
02		.188 (4.8)	.375 (9.5)	11-25	
03		.312 (7.9)	.438 (11.1)	13-25	
04		.343 (8.7)	.500 (12.7)	13-25	
05		.438 (11.1)	.625 (15.9)	15-25	
06		.562 (14.3)	.750 (19.1)	17-25	
07		.688 (17.5)	.875 (22.2)	19-25	
08		.812 (20.6)	1.000 (25.4)	21-25	
09	.938 (23.8)	1.125 (28.6)	23-25		
Length	-4	2.0 inches		Length Code applies to Profile S only. Length in 1/2 inch increments, 2 inch minimum. Omit for 45° and 90° profiles.	
	-5	2.5 inches			
	-6	3.0 inches			
	-7	3.5 inches			
Band	Omit if not required				
	K	Pre-Coiled Band Included			
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.				
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier			

Series 44 EMI Banding Backshells

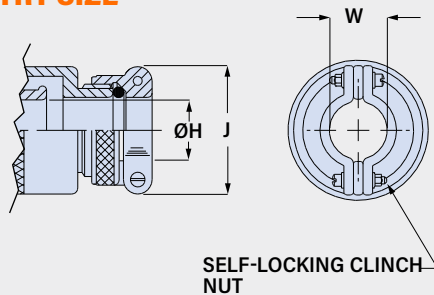
for MIL-DTL-38999 Series III and IV Connectors

443H*042 Banding Backshell, Shrouded, Expanded Clearance



Shell Size	A Thread	øB Max		øC Min		D Max.		E Max.		F Max.		G Max.		Max Entry Size
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
9 (A)	M12X1.0-6H	.94	23.9	.372	9.4	1.893	48.1	1.903	48.3	1.433	36.4	1.443	36.7	01
11 (B)	M15X1.0-6H	1.06	26.9	.470	11.9	1.955	49.7	1.965	49.9	1.460	37.1	1.470	37.3	02
13 (C)	M18X1.0-6H	1.17	29.7	.584	14.8	2.107	53.5	2.117	53.8	1.485	37.7	1.495	38.0	04
15 (D)	M22X1.0-6H	1.29	32.8	.709	18.0	2.170	55.1	2.180	55.4	1.541	39.1	1.551	39.4	05
17 (E)	M25X1.0-6H	1.42	36.1	.834	21.2	2.275	57.8	2.285	58.0	1.580	40.1	1.590	40.4	06
19 (F)	M28X1.0-6H	1.54	39.1	.940	23.9	2.338	59.4	2.348	59.6	1.606	40.8	1.616	41.0	07
21 (G)	M31X1.0-6H	1.67	42.4	1.065	27.1	2.399	60.9	2.409	61.2	1.588	40.3	1.598	40.6	08
23 (H)	M34X1.0-6H	2.01	51.1	1.190	30.2	2.420	61.5	2.430	61.7	1.610	40.9	1.620	41.1	09
25 (J)	M37X1.0-6H	2.12	53.8	1.320	33.5	2.525	64.1	2.535	64.4	1.641	41.7	1.651	41.9	09

ENTRY SIZE



Entry Size	Cable Range				J Max.	W Closed	ø H	Shell Sizes			
	Min.	Max.	Min.	Max.							
01	.125	3.2	.250	6.4	1.05	26.7	.264	6.7	.25	6.4	09-25
02	.188	4.8	.375	9.5	1.20	30.5	.344	8.7	.37	9.4	11-25
03	.312	7.9	.438	11.1	1.30	33.0	.460	11.7	.43	10.9	13-25
04	.343	8.7	.500	12.7	1.44	36.6	.545	13.8	.50	12.7	13-25
05	.438	11.1	.625	15.9	1.69	42.9	.698	17.7	.62	15.7	15-25
06	.562	14.3	.750	19.1	1.77	45.0	.780	19.8	.75	19.1	17-25
07	.688	17.5	.875	22.2	2.12	53.8	.950	24.1	.87	22.1	19-25
08	.812	20.6	1.000	25.4	2.50	63.5	1.015	25.8	1.00	25.4	21-25
09	.938	23.8	1.125	28.6	2.62	66.5	1.187	30.1	1.12	28.4	23-25

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.

The Band-Master ATS® Advanced Cable Shield Termination System provides excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band
601-041

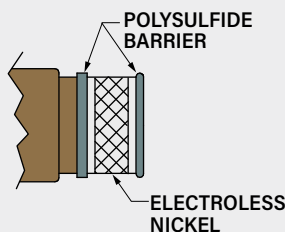


Banding Tool
601-100

POLYSULFIDE

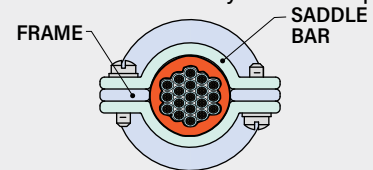
Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



APPLICATION NOTE

This backshell has a full radius saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.

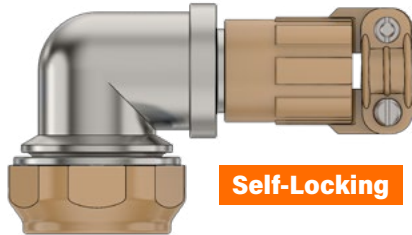


FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

447H*328 Banding Backshell, Composite, Shrouded



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



**Std. Band
601-041**

Lightweight. Composite. Band-in-a-Can shield termination. 447H*328 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Glass-reinforced thermoplastic.

PART NUMBER

		447HS328	XM	15	12	K	S			
Base P/N	Base Part No.									
	Profile									
	447HS328 S Straight									
Base P/N	447HT328 T 45°									
	447HW328 W 90°									
	Finish									
Finish	XM Electroless Nickel									
	XMT Nickel-PTFE									
	XW Olive Drab Cadmium									
	XTZ Tin-Zinc									
<i>Coupling nut and saddle clamp are unplated amber color.</i>										
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	A	B	C	D	E	F	G	H	J
		09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Band	<i>Omit if not required</i>									
	K Pre-Coiled Band Included									
Slot	<i>Omit if not required</i>									
	S Pigtail Termination Slots									

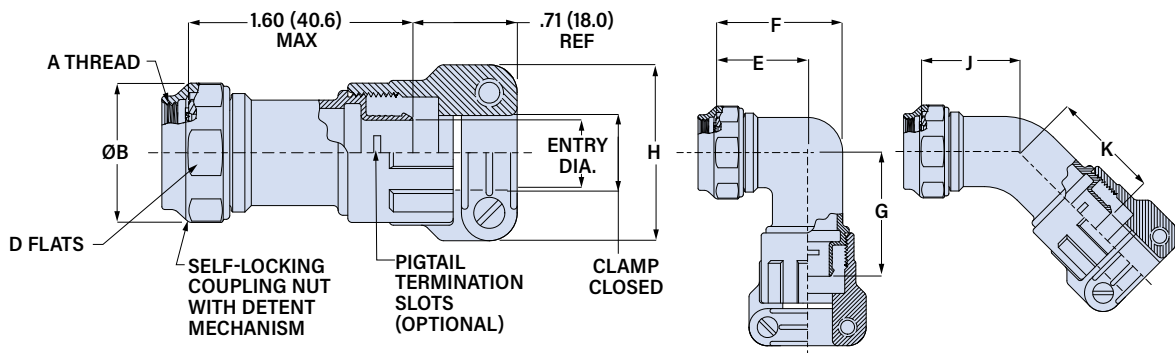


TABLE 1: ENTRY SIZE

Entry Size	Entry Dia.		H		Clamp Closed		Shell Size	øB Max	D Hex Flats	E ±.06(1.5)		F ±.09(2.3)		G Max		J ±.06(1.5)		K ±.09(2.3)		Max Entry Size		
	±.03 (0.8)	±.06 (1.5)	±.03 (0.8)	±.06 (1.5)	±.03 (0.8)	±.06 (1.5)				in	mm	in	mm	in	mm	in	mm	in	mm			
10	.22	5.6	.94	23.9	.26	6.6	09-25	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.31	33.3	.72	18.3	1.15	29.2	10
12	.28	7.1	1.17	29.7	.34	8.6	11-25	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.42	36.1	.75	19.1	1.27	32.3	12
14	.34	8.6	1.28	32.5	.46	11.7	13-25	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.57	39.9	.75	19.1	1.33	33.8	14
16	.46	11.7	1.41	35.8	.55	14.0	15-25	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.57	39.9	.76	19.3	1.37	34.8	16
18	.55	14.0	1.50	38.1	.62	15.7	17-25	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.64	41.7	.78	19.8	1.39	35.3	20
20	.62	15.7	1.56	39.6	.70	17.8	17-25	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.73	43.9	.79	20.1	1.41	35.8	20
22	.70	17.8	1.69	42.9	.78	19.8	21-25	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.82	46.2	.82	20.8	1.43	36.3	22
24	.78	19.8	1.81	46.0	.85	21.6	23-25	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.82	46.2	.86	21.8	1.47	37.3	24
28	.85	21.6	1.91	48.5	.95	24.1	25	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.92	48.8	.89	22.6	1.50	38.1	32
32	.95	24.1	2.02	51.3	1.02	25.9	25															



Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

447HC659 Banding Backshell, Shrouded, Low Profile 90°



"Band-in-a-Can" shield termination. Low profile. Saddle clamp. 447H*659 banding backshell fits MIL-DTL-38999 Series III and IV connectors. "Cobra" style split construction with screw-on lid for easy wire routing. Terminate cable braid shield to banding platform with micro band strap. Saddle clamp provides cable strain relief. Aluminum. Saddle clamp hardware is passivated SST.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

BAND

Terminate cable braid to backshell with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.

Micro Band

Hand Tool
601-101

Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
10 - 16	601-061	8.13 (206)	.88 (22.4)
18 - 20	601-065	14.25 (362)	1.88 (47.8)

PART NUMBER

447HC659 **M** **19** **14** **K**

Base P/N **447HC659**

Material/Finish

- M** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc

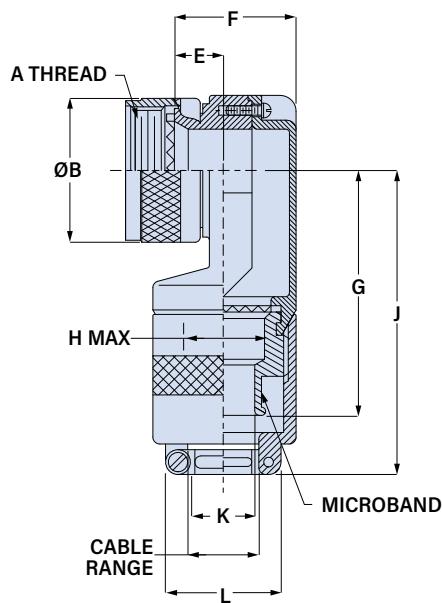
Shell Size

Shell Size	9	11	13	15	17	19	21	23	25
Size Code	A	B	C	D	E	F	G	H	J
	09	11	13	15	17	19	21	23	25

Entry Size

Entry Size	Cable Range				Shell Sizes
	Inches Min.	Inches Max.	mm Min.	mm Max.	
10	.130	.250	3.3	6.4	09-25
12	.250	.380	6.4	9.7	11-25
14	.310	.440	7.9	11.2	15-25
16	.375	.630	9.5	16.0	17-25
18	.560	.690	14.2	17.5	23-25
20	.630	.750	16.0	19.1	23-25

Band *Omit if not required*
K Pre-Coiled Band Included With Backshell



Shell Size	A Thread	øB Max	E Max.	F Max.	G Max.	H Max.	J Max.	Max Entry Size
		in mm	in mm	in mm	in mm	in mm	in mm	
9 (A)	M12X1.0-6H	.770 19.6	.34 8.6	.681 17.3	1.62 41.1	.25 6.4	2.12 53.8	10
11 (B)	M15X1.0-6H	.820 22.4	.27 6.9	.731 18.6	1.78 45.2	.38 9.5	2.28 57.9	12
13 (C)	M18X1.0-6H	.940 23.9	.27 6.9	.731 18.6	1.78 45.2	.38 9.5	2.28 57.9	12
15 (D)	M22X1.0-6H	1.07 27.2	.28 7.1	.831 21.1	1.85 47.0	.50 12.7	2.35 59.7	14
17 (E)	M25X1.0-6H	1.210 30.7	.42 10.7	.981 24.9	1.90 48.3	.63 15.9	2.40 61.0	16
19 (F)	M28X1.0-6H	1.360 34.5	.64 16.3	1.181 30.0	1.93 49.0	.63 15.9	2.43 61.7	16
21 (G)	M31X1.0-6H	1.480 37.6	.64 16.3	1.181 30.0	1.93 49.0	.63 15.9	2.43 61.7	16
23 (H)	M34X1.0-6H	1.600 40.6	.54 13.7	1.181 30.0	2.08 52.8	.75 19.1	2.58 65.5	20
25 (J)	M37X1.0-6H	1.700 43.2	.54 13.7	1.181 30.0	2.08 52.8	.75 19.1	2.58 65.5	20

Entry Size	ø K		L Max	Cable Range				Shell Sizes	
	± .03 (0.8)			Inches Min.	Inches Max.	mm Min.	mm Max.		
10	.22	5.6	1.00	25.4	.130	.250	3.3	6.4	09-25
12	.31	7.9	1.25	31.8	.250	.380	6.4	9.7	13-25
14	.44	11.2	1.34	34.0	.310	.440	7.9	11.2	15-25
16	.56	14.2	1.47	37.3	.375	.630	9.5	16.0	17-25
18	.63	16.0	1.56	38.1	.560	.690	14.2	17.5	23-25
20	.75	19.1	1.62	41.1	.630	.750	16.0	19.1	23-25

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

447HS523 Banding/ Overmolding Adapter



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

BAND

Terminate cable braid to adapter with **banding strap**. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Micro Band



Hand Tool
601-101

Pre-Coiled

Band P/N	Length	Max. Dia.
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.80 (45.7)

Low Profile. Micro band. Environmental. 447HS523 banding/overmolding adapter fits MIL-DTL-38999 Series III and IV connectors. Terminate cable braid shield to adapter with .125" width micro band (sold separately). Aluminum or stainless steel, silicone O-ring.

PART NUMBER

447HS523

M

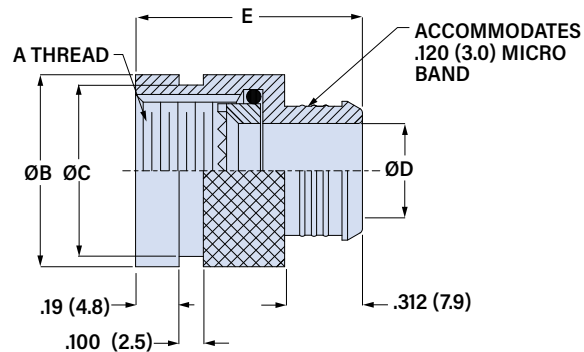
18

Base P/N **447HS523**

Material/Finish

- M** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc
- ZI** SST/ Passivated

Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25



Shell Size	A Thread	ØB		ØC		ØD		E	
		± .015 (0.4)	in mm	± .005 (0.13)	in mm	± .015 (0.4)	in mm	± .03 (0.8)	in mm
9 (A)	M12X1.0-6H	.625	15.9	.562	14.3	.250	6.4	.820	20.8
11 (B)	M15X1.0-6H	.750	19.1	.687	17.4	.375	9.5	.820	20.8
13 (C)	M18X1.0-6H	.875	22.2	.812	20.6	.500	12.7	.820	20.8
15 (D)	M22X1.0-6H	1.000	25.4	.937	23.8	.625	15.9	.820	20.8
17 (E)	M25X1.0-6H	1.125	28.6	1.062	27.0	.750	19.1	.820	20.8
19 (F)	M28X1.0-6H	1.250	31.8	1.188	30.2	.875	22.2	.820	20.8
21 (G)	M31X1.0-6H	1.375	34.9	1.312	33.3	1.000	25.4	.820	20.8
23 (H)	M34X1.0-6H	1.500	38.1	1.438	36.5	1.125	28.6	.820	20.8
25 (J)	M37X1.0-6H	1.625	41.3	1.562	39.7	1.250	31.8	.820	20.8

Series 44 Banding Backshells

for MIL-DTL-28840 Connectors

440G*058 Banding Backshell, Shrink Boot



Spin coupling. Band-Master ATS® shield termination. 440G*058 banding backshell fits MIL-DTL-28840 connectors. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel.

Adapter Code **G**

This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

PROFILE SELECTION GUIDE

S Straight

H 45°

J 90°

PART NUMBER

		440GS058	TZ	19	06-	4	K	P	T	
Base P/N	Base Part No.	440GS058								
	Profile	S Straight								
		H 45°								
		J 90°								
Material/Finish	M	Alum/Electroless Nickel								
	NF	Alum/Cadmium, Olive Drab								
	ZR	Alum/Black Zinc-Nickel								
	TZ	Alum/Tin-Zinc								
	ZI	SST/Passivated								
	ZU	SST/Cadmium, Black								
	ZTZ	SST/Tin-Zinc								
Shell Size	Shell Size	11	13	15	17	19	23	25	29	33
		A	B	C	D	E	F	G	H	J
	Size Code	11	13	15	17	19	23	25	29	33
Entry Size	See Table 1									
Length	3	1.5 inches	Applies to Profile S only.							
	4	2.0 inches	If Entry Size is greater than							
	5	2.5 inches	"Maximum Entry Size" (see table),							
	6	3.0 inches	then 2 inch minimum applies.							
Band	Omit if not required									
	K	Pre-Coiled Band Included								
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.									
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier								
Shrink Boot	Omit if not required									
	T	Semi-Rigid Elastomer Shrink Boot								
	TI	Adhesive-lined Semi-Rigid Elastomer Shrink Boot								
	H	Zero Halogen Shrink Boot								
	HI	Adhesive-lined Zero Halogen Shrink Boot								

TABLE 1: ENTRY SIZE

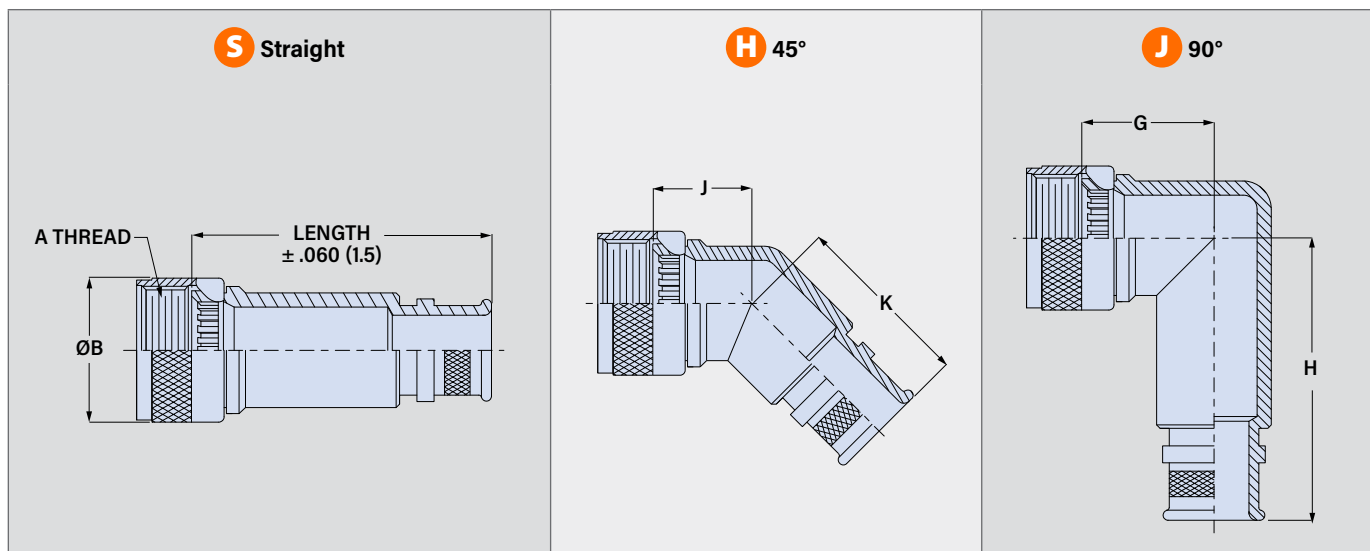
Entry Size	Shell Sizes*	±.015(0.4)		±.015(0.4)		±.015(0.4)		Entry Size	Shell Sizes*	±.015(0.4)		±.015(0.4)		±.015(0.4)	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
01	11-33	.125	3.2	.250	6.4	.312	7.9	09	25-33	1.125	28.6	1.250	31.8	1.312	33.3
02	11-33	.250	6.4	.375	9.5	.438	11.1	10	29-33	1.250	31.8	1.375	34.9	1.438	36.5
03	11-33	.375	9.5	.500	12.7	.562	14.3	11	29-33	1.375	34.9	1.500	38.1	1.562	39.7
04	13-33	.500	12.7	.625	15.9	.687	17.4	12	33	1.500	38.1	1.625	41.3	1.688	42.9
05	15-33	.625	15.9	.750	19.1	.812	20.6	13	33	1.625	41.3	1.750	44.5	1.812	46.0
06	17-33	.750	19.1	.875	22.2	.938	23.8	14	-	1.750	44.5	1.875	47.6	1.938	49.2
07	19-33	.875	22.2	1.000	25.4	1.062	27.0	15	-	1.875	47.6	2.000	50.8	2.062	52.4
08	23-33	1.000	25.4	1.125	28.6	1.188	30.2	16	-	2.000	50.8	2.125	54.0	2.188	55.6

* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included.
See Maximum Entry Size for details.

Series 44 Banding Backshells

for MIL-DTL-28840 Connectors

440G*058 Banding Backshell, Shrink Boot



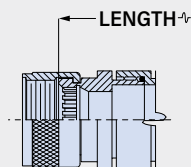
MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
11(A)	03	23(F)	08
13(B)	04	25(G)	09
15(C)	05	29(H)	11
17(D)	06	33(J)	13
19(E)	07		

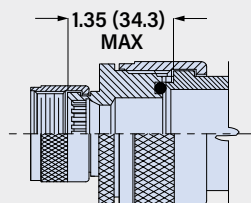
Size Code	Shell Size	A Thread Class 2B	ØB Max. in	mm	G Max. in	mm	H Max. in	mm	J Max. in	mm	K Max. in	mm	Max Entry Size
11	A (11)	.750-20 UNEF	.94	23.9	1.28	32.5	1.33	33.8	1.14	29.0	1.19	30.2	03
13	B (13)	.875-20 UNEF	1.07	27.7	1.35	34.3	1.40	35.6	1.17	29.7	1.22	31.0	04
15	C (15)	1.000-20 UNEF	1.21	30.7	1.43	36.3	1.47	37.3	1.20	30.5	1.25	31.8	05
17	D (17)	1.125-18 UNEF	1.41	35.7	1.48	37.6	1.52	38.6	1.22	31.0	1.27	32.3	06
19	E (19)	1.250-18 UNEF	1.53	38.9	1.54	39.1	1.59	40.4	1.25	31.8	1.29	32.8	07
23	F (23)	1.438-18 UNEF	1.73	43.9	1.64	41.7	1.68	42.7	1.29	32.8	1.33	33.8	08
25	G (25)	1.562-18 UNEF	1.82	46.3	1.71	43.4	1.75	44.5	1.32	33.5	1.36	34.5	09
29	H (29)	1.875-16 UN	2.14	54.4	1.82	46.2	1.87	47.5	1.37	34.8	1.41	35.8	11
33	J (33)	2.062-16 UNS	2.33	59.1	1.92	48.8	1.97	50.0	1.41	35.8	1.45	36.8	13

Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.35 inches.

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Band 601-041

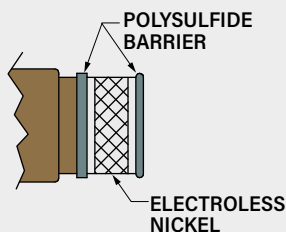


Banding Tool 601-100

POLYSULFIDE

Optional polysulfide dielectric coating prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only

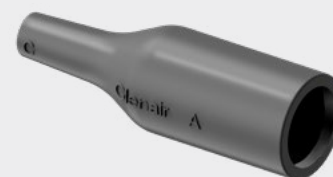


SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection.

Code T, T1: Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).

Code H, H1: Type 2 halogen-free polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. Available with W1 hot melt adhesive pre-coat. Operating temperature range -40 to +130 °C (no adhesive), -40 to +125 °C (with W1 adhesive).



Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440MS134 Banding Backshell, Shrink Boot, Direct Coupling



Direct coupling. Band-Master ATS® shield termination. 440MS134 banding backshell fits Glenair Series 80 Mighty Mouse connectors. Terminate cable braid shield to backshell with optional micro band strap. Add shrink boot (purchased separately) for strain relief and environmental protection. Aluminum or stainless steel, silicone O-ring.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

TABLE 1: SIZE CODE

Shell Size Code	Shell Size Series		Thread	øB in	Max. mm	Entry Sizes
	800, 801, 803, 804	805				
05	5	N/A	0.250-32	.350	8.9	01-03
06	6	N/A	0.3125-32	.415	10.5	01-04
11	N/A	8	0.3750-32	.465	11.8	01-04
07	7	9	0.4375-28	.530	13.5	02-06
08	8	10	0.500-28	.595	15.1	03-07
09	9	11	0.5625-24	.650	16.5	05-08
10	10	12	0.625-24	.715	18.2	06-09
12	11, 12, 13	13	0.6875-24	.785	19.9	07-10
13	N/A	15	0.750-20	.830	21.1	07-10
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9	10-15
16	19	21	1.0625-18	1.155	29.3	10-16
17	21	23	1.1875-18	1.280	32.5	10-17

PART NUMBER

440MS134 M 09 07 K

Base P/N	440MS134
Material/Finish	M Alum/Electroless Nickel MT Alum/Nickel-PTFE NF Alum/Olive Drab Cadmium ZR Alum/Black Zinc-Nickel TZ Alum/Tin-Zinc ZI SST/Passivated
Size Code	05 06 07 08 09 10 11 12 13 14 15 16 17 See table 1
Entry Size	See Table 2
Band	Omit if not required K Pre-Coiled Band Included

BAND

Terminate cable braid to EMI backshell with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



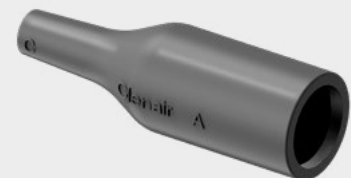
Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
01 - 12	601-061	8.13 (206)	.88 (22.4)
13 - 17	601-065	14.25 (362)	1.88 (47.8)

TABLE 2: ENTRY SIZE

Entry Size	øC		øD		øE	
	± .015 (0.4) in	mm	± .015 (0.4) in	mm	± .015 (0.4) in	mm
01	.094	2.4	.133	3.4	.235	6.0
02	.125	3.2	.164	4.2	.266	6.8
03	.172	4.4	.211	5.4	.313	8.0
04	.234	5.9	.273	6.9	.375	9.5
05	.272	6.9	.311	7.9	.413	10.5
06	.312	7.9	.351	8.9	.453	11.5
07	.375	9.5	.414	10.5	.516	13.1
08	.438	11.1	.477	12.1	.579	14.7
09	.500	12.7	.539	13.7	.641	16.3
10	.562	14.3	.601	15.3	.703	17.9
11	.625	15.9	.664	16.9	.766	19.5
12	.688	17.5	.727	18.5	.829	21.1
13	.750	19.1	.789	20.0	.891	22.6
14	.812	20.6	.851	21.6	.953	24.2
15	.875	22.2	.914	23.2	1.016	25.8
16	.938	23.8	.977	24.8	1.079	27.4
17	1.000	25.4	1.039	26.4	1.141	29.0

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).



Entry Size	Shrink Boot P/N	Adhesive Lined Shrink Boot P/N
01 - 02	809S060-1U	809S060-1
03 - 04	809S060-2U	809S060-2
05 - 07	809S060-3U	809S060-3
08 - 10	809S060-4U	809S060-4
11 - 13	809S060-5U	809S060-5
14 - 17	809S060-6U	809S060-6

Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440M*135 Banding Backshell, Shrink Boot, Spin Coupling



Spin coupling, Band-Master ATS® shield termination. 440M*135 banding backshell fits Glenair Series 80 Mighty Mouse connectors. Terminate cable braid shield to backshell with optional micro band strap. Add shrink boot (purchased separately) for strain relief and environmental protection. Aluminum or stainless steel, silicone O-ring.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

PROFILE SELECTION GUIDE

S Straight

A 90°

B 45°

K 45°

L 90°

TABLE 1: SIZE CODE

Shell Size Code	Shell Size Series		Coupling Nut Thread UNEF-2B	Max. Entry Size
	800, 801, 803, 804	Series 805		
05	5	N/A	0.250-32	03
06	6	N/A	0.3125-32	04
11	N/A	8	0.3750-32	04
07	7	9	0.4375-28	06
08	8	10	0.500-28	07
09	9	11	0.5625-24	08
10	10	12	0.625-24	09
12	11, 12, 13	13	0.6875-24	10
13	N/A	15	0.750-20	10
14	14, 15, 16, 17	18, 19	0.9375-20	14
16	19	21	1.0625-18	15
17	21	23	1.1875-18	16

PART NUMBER

440MS135 M 12 05- 6 K T

Base P/N	Profile
440MS135	S Straight
440MA135	A 90°
440MB135	B 45°
440MK135	K 45°
440ML135	L 90°

Material/Finish	
M	Alum/Electroless Nickel
MT	Alum/Nickel-PTFE
NF	Alum/Olive Drab Cadmium
ZR	Alum/Black Zinc-Nickel
TZ	Alum/Tin-Zinc
ZI	SST/Passivated

Size Code	05 06 07 08 09 10 11 12 13 14 15 16 17
	See table 1

Entry Size	Size		Size		Shell Sizes
	Size	Inside Dia.	Size	Inside Dia.	
02	.125 (3.2)	05-17	10	.625 (15.9)	12-17
03	.188 (4.8)	05-17	11	.688 (17.5)	14-17
04	.250 (6.4)	06-17	12	.750 (19.1)	14-17
05	.312 (7.9)	07-17	13	.812 (20.6)	14-17
06	.375 (9.5)	07-17	14	.875 (22.2)	14-17
07	.438 (11.1)	08-17	15	.938 (23.8)	16-17
08	.500 (12.7)	09-17	16	1.000 (25.4)	17
09	.562 (14.3)	10-17			

Length	Length Code	Length
	6	.75 (19.1)
8	1.00 (25.4)	
10	1.25 (31.8)	
12	1.50 (38.1)	
16	2.00 (50.8)	

Length applies to Profile S (straight) only. In 1/8 inch increments.

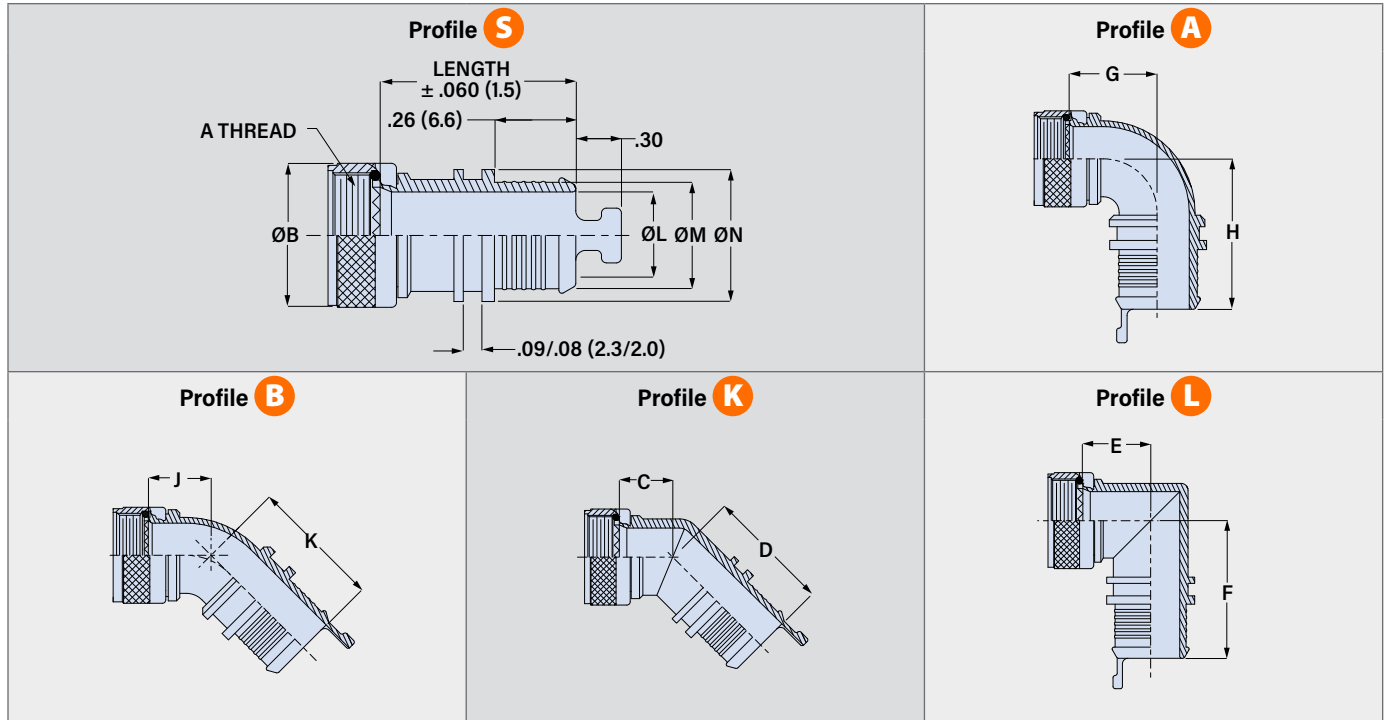
Band	Omit if not required
K	Pre-Coiled Band Included

Qwik-Ty	Omit if not required.
T	Qwik-Ty Arm

Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440M*135 Banding Backshell, Shrink Boot, Spin Coupling



Shell Size Code	Shell Size		A Thread UNEF-2B	ØB Max.		C Max.		D Max.		E Max.		F Max.		Max. Entry Size
	Series 800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	
05	5	N/A	0.250-32	.470	11.9	.53	13.5	.66	16.8	.63	16.0	.78	19.8	03
06	6	N/A	0.3125-32	.530	13.5	.55	14.0	.67	17.0	.66	16.8	.79	20.1	04
11	N/A	8	0.3750-32	.570	14.5	.56	14.2	.68	17.3	.68	17.3	.81	20.6	04
07	7	9	0.4375-28	.637	16.2	.57	14.5	.69	17.5	.70	17.8	.83	21.1	06
08	8	10	0.500-28	.700	17.8	.58	14.7	.70	17.8	.74	18.8	.86	21.8	07
09	9	11	0.5625-24	.758	19.3	.59	15.0	.71	18.0	.77	19.6	.89	22.6	08
10	10	12	0.625-24	.819	20.8	.61	15.5	.73	18.5	.80	20.3	.92	23.4	09
12	11, 12, 13	13	0.6875-24	.896	22.8	.64	16.3	.75	19.1	.84	21.3	.97	24.6	10
13	N/A	15	0.750-20	.930	23.6	.66	16.8	.77	19.6	.89	22.6	1.02	25.9	10
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	.69	17.5	.80	20.3	.95	24.1	1.09	27.7	14
16	19	21	1.0625-18	1.230	31.2	.71	18.0	.82	20.8	.98	24.9	1.13	28.7	15
17	21	23	1.1875-18	1.387	35.2	.72	18.3	.83	21.1	1.01	25.7	1.16	29.5	16

Entry Size	G Max.		H Max.		J Max.		K Max.		øL ±.015(0.4)		øM ±.015(0.4)		øN ±.015(0.4)	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
02	.724	18.4	.962	24.4	.603	15.3	.841	21.4	.125	3.2	.164	4.2	.266	6.8
03	.724	18.4	.962	24.4	.603	15.3	.841	21.4	.188	4.8	.227	5.8	.329	8.4
04	.724	18.4	.962	24.4	.603	15.3	.841	21.4	.250	6.4	.289	7.3	.391	9.9
05	.786	20.0	1.024	26.0	.629	16.0	.867	22.0	.312	7.9	.351	8.9	.453	11.5
06	.786	20.0	1.024	26.0	.629	16.0	.867	22.0	.375	9.5	.414	10.5	.516	13.1
07	.848	21.5	1.086	27.6	.655	16.6	.893	22.7	.438	11.1	.477	12.1	.579	14.7
08	.848	21.5	1.086	27.6	.655	16.6	.893	22.7	.500	12.7	.539	13.7	.641	16.3
09	.911	23.1	1.149	29.2	.707	18.0	.945	24.0	.562	14.3	.601	15.3	.703	17.9
10	.911	23.1	1.149	29.2	.707	18.0	.945	24.0	.625	15.9	.664	16.9	.766	19.5
11	.977	24.8	1.215	30.9	.733	18.6	.971	24.7	.688	17.5	.727	18.5	.829	21.1
12	.977	24.8	1.215	30.9	.733	18.6	.971	24.7	.750	19.1	.789	20.0	.891	22.6
13	1.036	26.3	1.274	32.4	.785	19.9	1.023	26.0	.812	20.6	.851	21.6	.953	24.2
14	1.036	26.3	1.274	32.4	.785	19.9	1.023	26.0	.875	22.2	.914	23.2	1.016	25.8
15	1.098	27.9	1.336	33.9	.811	20.6	1.049	26.6	.938	23.8	.977	24.8	1.079	27.4
16	1.098	27.9	1.336	33.9	.811	20.6	1.049	26.6	1.000	25.4	1.039	26.4	1.141	29.0

Series 44 Banding Backshells

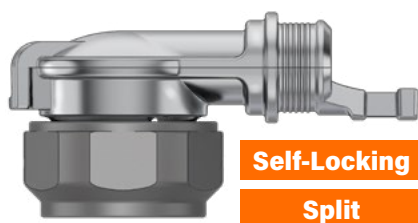
for Series 80 Mighty Mouse Connectors

440M*143 Banding Backshell, Composite, Ultra Low Profile 90°



Self-Locking

Solid



Self-Locking

Split

Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Band P/N	Length
601-060	8.13 (206)

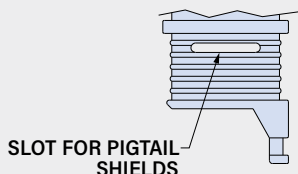
SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



FIGURE 1: SLOTS

Optional pigtail shield termination slots are located on banding platform. Profile E split version has one slot. Profile W solid version has two slots.



SLOT FOR PIGTAIL SHIELDS

Ultra low-profile 90°. Composite. Self-locking. Micro band. Qwik-Ty®. 440M*143 EMI band backshell fits Glenair Series 80 Mighty Mouse connectors. Lightweight, corrosion-free composite material meets AS85049 requirements. Split version has lid for wiring access. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional micro band strap. Optional shrink boot adds strain relief. Glass-reinforced thermoplastic.

PART NUMBER

	440ME143	XM	09	D	B	T	S
Base P/N	440ME143	E	90° Split				
	440MW143	W	90° Solid				
Finish	XM	Electroless Nickel					
	XMT	Nickel-PTFE					
	XW	Olive Drab Cadmium					
	XZN	Black Zinc-Nickel					
	Coupling nut is unplated, black color.						
Size Code	07	09	12	14	16	17	
	See table 1						
Drain Holes	Omit if not required						
	D	Drain Holes					
Band	Omit if not required						
	B	Micro Band Included					
Shrink Boot	Omit if not required						
	T	Shrink Boot Included					
Slot	Omit if not required. See Figure 1.						
	S	Pigtail Termination Slots					

W Solid

E Split

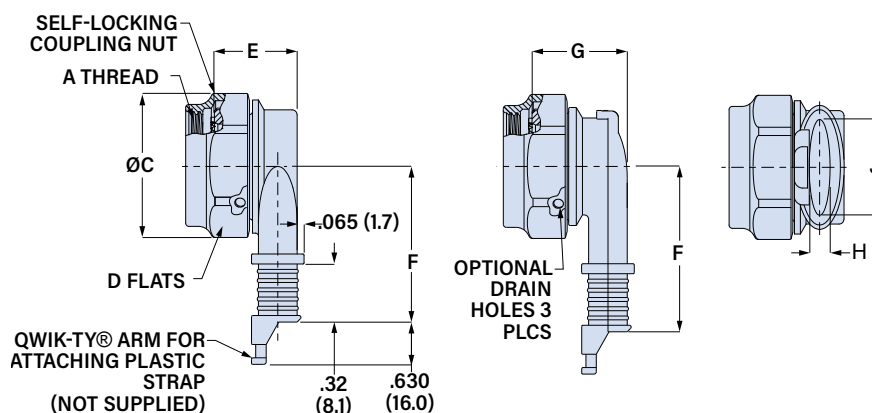


TABLE 1: SIZE CODE

Shell Size Code	Series 800, 801, 803, 804	Series 805	Series A Thread UNEF-2B	øC Max in mm	D Hex Flats in mm	E Max in mm	F ±.03(2.3) in mm	G Max in mm	H ±.06 (1.5) in mm	J ±.09 (2.3) in mm							
07	7	9	0.4375-28	.86	21.8	.750	19.1	.63	16.0	1.042	26.5	.81	20.6	.160	4.1	.304	.77
09	9	11	0.5625-24	.98	24.9	.875	22.3	.66	16.8	1.107	28.1	.81	20.6	.174	4.4	.432	11.0
12	11, 12, 13	13	0.6875-24	1.16	29.5	1.000	25.4	.72	18.3	1.174	29.8	.82	20.8	.195	5.0	.546	13.9
14	14, 15, 16, 17	18, 19	0.9375-20	1.41	35.8	1.250	31.8	.91	23.1	1.305	33.1	.93	23.6	.385	9.8	.796	20.2
16	19	21	1.0625-18	1.52	38.6	1.375	34.9	.93	23.6	1.371	34.8	.99	25.1	.445	11.3	.902	22.9
17	21	23	1.1875-18	1.64	41.7	1.500	38.1	1.04	26.4	1.438	36.5	1.06	26.9	.525	13.3	1.027	26.1

Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440M*182 Banding Backshell, Shrink Boot, Dual Band



Two banding platforms. Spin coupling. Qwik-Ty. 440M*182 banding backshell fits Glenair Series 80 Mighty Mouse connectors. Terminate cable braid shield and overbraid fabric to backshell with optional micro band straps. Aluminum or stainless steel, silicone O-ring.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

TABLE 2: ENTRY SIZE

Entry Size	Size Codes	øL ±.015(0.4)		øM ±.015(0.4)		øN ±.015(0.4)	
		in	mm	in	mm	in	mm
02	05-17	.125	3.2	.250	6.4	.312	7.9
03	05-17	.188	4.8	.312	7.9	.375	9.5
04	06-17	.250	6.4	.375	9.5	.438	11.1
05	07-17	.312	7.9	.438	11.1	.500	12.7
06	07-17	.375	9.5	.500	12.7	.562	14.3
07	08-17	.438	11.1	.562	14.3	.625	15.9
08	09-17	.500	12.7	.625	15.9	.687	17.4
09	10-17	.562	14.3	.688	17.5	.750	19.1
10	12-17	.625	15.9	.750	19.1	.812	20.6
11	12-17	.688	17.5	.812	20.6	.875	22.2
12	12-17	.750	19.1	.875	22.2	.938	23.8
13	14-17	.812	20.6	.938	23.8	1.000	25.4
14	14-17	.875	22.2	1.000	25.4	1.062	27.0
15	17	.938	23.8	1.062	27.0	1.125	28.6
16	17	1.000	25.4	1.125	28.6	1.188	30.2

PART NUMBER

440MS182	M	12	05	-10	K	T
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Base P/N	Base Part No.	Profile
	440MS182 S	Straight
	440MK182 K	45°
	440ML182 L	90°
Material/Finish	M	Alum/ Electroless Nickel
	MT	Alum/ Nickel-PTFE
	NF	Alum/ Olive Drab Cadmium
	ZR	Alum/ Black Zinc-Nickel
	TZ	Alum/ Tin-Zinc
	ZI	SST/ Passivated
Shell Size	05 06 07 08 09 10 11 12 13 14 15 16 17	
	See table 1	
Entry Size	See Table 2	
Length	Length Code	Length
	10	1.25 (31.8)
	12	1.50 (38.1)
	16	2.00 (50.8)
20	2.50 (63.5)	
	Length applies to Profile S (straight) only. In 1/8 inch increments, 1.25 inch min.	
Band	Omit if not required	
	K	Pre-Coiled Bands Included With Backshell (qty. 2)
Qwik-Ty	Omit if not required.	
	T	Qwik-Ty Arm

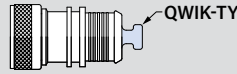
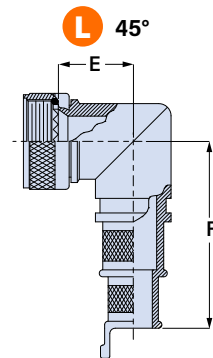
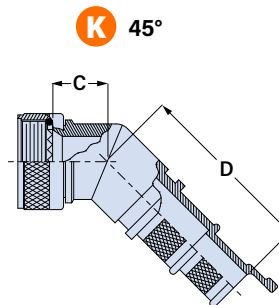
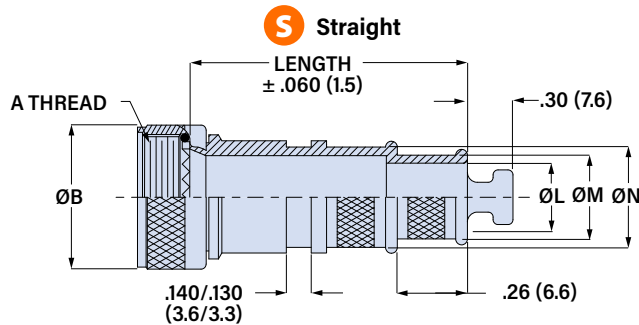




TABLE 1: SHELL SIZE

Shell Size Code	Shell Size Series		A Thread UNEF-2B	øB Max.		C Max.	D Max.	E Max.	F Max.	Max. Entry Size				
	800, 801, 803, 804	Series 805		in	mm									
05	5	N/A	0.250-32	.470	11.9	.53	13.5	.97	24.6	.63	16.0	1.09	27.7	03
06	6	N/A	0.3125-32	.530	13.5	.55	14.0	.98	24.9	.66	16.8	1.00	25.4	04
11	N/A	8	0.3750-32	.570	14.5	.56	14.2	.99	25.1	.68	17.3	1.12	28.4	04
07	7	9	0.4375-28	.637	16.2	.57	14.5	1.00	25.4	.70	17.8	1.14	29.0	06
08	8	10	0.500-28	.700	17.8	.58	14.7	1.01	25.7	.74	18.8	1.20	30.5	07
09	9	11	0.5625-24	.758	19.3	.59	15.0	1.02	25.9	.77	19.6	1.23	31.2	08
10	10	12	0.625-24	.819	20.8	.61	15.5	1.04	26.4	.80	20.3	1.38	35.1	09
12	11, 12, 13	13	0.6875-24	.896	22.8	.64	16.3	1.06	26.9	.84	21.3	1.33	33.8	10
13	N/A	15	0.750-20	.930	23.6	.66	16.8	1.08	27.4	.89	22.6	1.40	35.6	10
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	.69	17.5	1.11	28.2	.95	24.1	1.40	35.6	14
17	21	23	1.1875-18	1.387	35.2	.72	18.3	1.14	29.0	1.01	25.7	1.47	37.3	16

BANDING STRAP

Terminate cable braid to backshell with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
01 - 12	601-061	8.13 (206)	.88 (22.4)
13 - 16	601-065	14.25 (362)	1.88 (47.8)

Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440MA204 Banding Backshell, Shrink Boot, Low Profile 90°, Elliptical Entry



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

TABLE 2: ENTRY SIZE

Entry Size	Shell Size Codes	B		C	
		± .015(0.4) in	± .015(0.4) mm	± .015(0.4) in	± .015(0.4) mm
02	05-17	.125	3.2	.125	3.2
03	05-17	.188	4.8	.188	4.8
04	06-17	.250	6.4	.250	6.4
05	07-17	.312	7.9	.250	6.4
06	08-17	.375	9.5	.250	6.4
07	09-17	.438	11.1	.250	6.4
08	10-17	.500	12.7	.250	6.4
09	12-17	.562	14.3	.250	6.4
10	13-17	.625	15.9	.250	6.4
11	14-17	.688	17.5	.250	6.4
12	14-17	.750	19.1	.250	6.4
13	14-17	.812	20.6	.250	6.4
14	16-17	.875	22.2	.250	6.4
15	16-17	.938	23.8	.250	6.4
16	17	1.000	25.4	.250	6.4
17	17	1.062	27.0	.250	6.4

BANDING STRAP

Terminate cable braid to backshell with optional banding strap. Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Micro Band



Hand Tool
601-101

Shell Sizes	Pre-Coiled Band P/N	Length	Max Diameter
05 - 10	601-061	8.13 (206)	.88 (22.4)
12 - 14	601-065	14.25 (362)	1.88 (47.8)

Ultra low profile. 90°. EMI. Micro band. 440MA204 banding backshell fits Glenair Series 80 Mighty Mouse connectors. Terminate cable braid shield to backshell with optional micro band strap. Aluminum or stainless steel, fluorosilicone O-ring, monel coupling nut retention wire.

PART NUMBER

		440MA204	M	12	05	K
Base P/N	440MA204					
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated					
Shell Size	05 06 07 08 09 10 11 12 13 14 15 16 17 See table 1					
Entry Size	See Table 2					
Band	<i>Omit if not required</i> K Pre-Coiled 1/8 inch wide MicroBand Included					

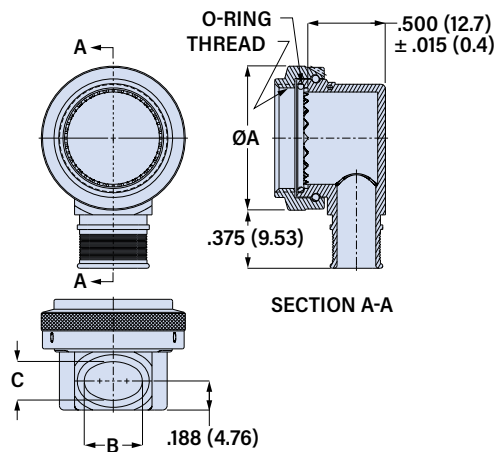


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size			ØA ± .015(0.4)		Available Entry Sizes
	Series 800, 801, 803, 804	Series 805	Thread UNEF-2B	in	mm	
05	5	N/A	0.250-32	.490	12.45	02 thru 03
06	6	N/A	0.3125-32	.555	14.10	02 thru 04
11	N/A	8	0.3750-32	.605	15.37	02 thru 04
07	7	9	0.4375-28	.675	17.15	02 thru 05
08	8	10	0.500-28	.735	18.67	02 thru 06
09	9	11	0.5625-24	.795	20.19	02 thru 07
10	10	12	0.625-24	.855	21.72	02 thru 08
12	11, 12, 13	13	0.6875-24	.930	23.62	02 thru 09
13	N/A	15	0.750-20	.965	24.51	02 thru 10
14	14, 15, 16, 17	18, 19	0.9375-20	1.170	29.72	02 thru 13
16	19	21	1.0625-18	1.275	32.39	02 thru 15
17	21	23	1.1875-18	1.395	35.43	02 thru 17

Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440MC173 Banding Backshell, Shrink Boot, Ultra Low Profile 90°



Ultra low profile. 90°. EMI. Micro band. 440MC173 banding backshell fits Glenair Series 80 Mighty Mouse connectors. Ultra low profile "cobra" style backshell has screw-on lid with gasket for wiring access. Terminate cable braid shield to backshell with optional micro band strap. Add optional shrink boot for strain relief and environmental protection. Aluminum, fluorosilicone gasket, silicone O-ring.

Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

BANDING STRAP

Terminate cable braid to backshell with optional banding strap. Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Shell Sizes	Pre-Coiled Band P/N	Length	Max Diameter
05 - 10	601-061	8.13 (206)	.88 (22.4)
12 - 14	601-065	14.25 (362)	1.88 (47.8)

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.



PART NUMBER

440MC173 M 08 K P T

Base P/N	440MC173
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc
Shell Size	05 06 07 08 09 10 11 12 13 14 15 16 17 See table 1
Band	Omit if not required K Pre-Coiled 1/8 inch wide MicroBand included
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only. P Nickel Plated Shield Termination Area with Polysulfide Barrier
Shrink Boot	Omit if not required T Shrink Boot Included

POLYSULFIDE

Optional polysulfide dielectric coating prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only

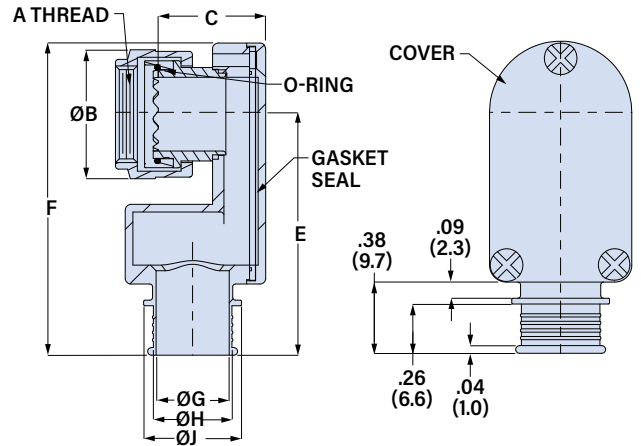
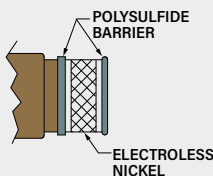


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size Series			A Thread UNEF-2B	øB Max.		C Max.	D Max.		E Max.	F Max.	øG ±.015(0.4)		øH ±.015(0.4)		øJ ±.015(0.4)		Shrink Boot P/N		
	800, 801, 803, 804	Series 805			in	mm		in	mm			in	mm	in	mm	in	mm		in	mm
05	5	N/A	0.250-32	.470	11.9	.531	13.5	.540	13.7	1.210	30.7	1.480	37.6	1.88	4.8	.312	7.9	.374	9.5	770-003S111
06	6	N/A	0.3125-32	.530	13.5	.562	14.3	.600	15.2	1.240	31.5	1.540	39.1	.250	6.4	.375	9.5	.437	11.1	770-003S112
11	N/A	8	0.3750-32	.570	14.5	.594	15.1	.640	16.3	1.260	32.0	1.560	39.6	.250	6.4	.375	9.5	.437	11.1	770-003S112
07	7	9	0.4375-28	.637	16.2	.625	15.9	.687	17.4	1.280	32.5	1.620	41.1	.375	9.5	.500	12.7	.562	14.3	770-003S112
08	8	10	0.500-28	.700	17.8	.625	15.9	.750	19.1	1.310	33.3	1.690	42.9	.375	9.5	.500	12.7	.562	14.3	770-003S112
09	9	11	0.5625-24	.758	19.3	.687	17.4	.810	20.6	1.340	34.0	1.750	44.5	.438	11.1	.562	14.3	.624	15.8	770-001S104
10	10	12	0.625-24	.819	20.8	.700	17.8	.875	22.2	1.370	34.8	1.810	46.0	.500	12.7	.625	15.9	.687	17.4	770-001S104
12	11, 12, 13	13	0.6875-24	.896	22.8	.725	18.4	1.050	26.7	1.480	37.6	2.010	51.1	.625	15.9	.750	19.1	.812	20.6	770-001S104
13	N/A	15	0.750-20	.930	23.6	.750	19.1	1.110	28.2	1.510	38.4	2.100	53.3	.625	15.9	.750	19.1	.812	20.6	770-001S104
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	.812	20.6	1.300	33.0	1.540	39.1	2.250	57.2	.750	19.1	.875	22.2	.937	23.8	770-001S105

Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440MS981 Banding Backshell, Shrouded



Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

BANDING STRAP
 Terminate cable braid to backshell with optional banding strap. Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.

	Micro Band		Hand Tool 601-101
Shell Size	Pre-Coiled Band P/N	Length	Max Diameter
05 - 10	601-061	8.13 (206)	.88 (22.4)
12 - 14	601-065	14.25 (362)	1.88 (47.8)

"Band-in-a-Can". EMI. Micro band. 440MS981 banding backshell fits Glenair Series 80 Mighty Mouse connectors. Terminate cable braid shield to backshell with optional micro band strap. Aluminum or stainless steel. Saddle and screws are stainless steel.

PART NUMBER		447MS981	M	08	06	-6	K
Base P/N	447MS981						
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated						
Shell Size	See table 1						
Entry Size	See Table 2						
Length	Length Code	Length	In 1/8 inch increments. Code 06 (0.75 inches) is the minimum length.				
	06	.75 (19.1)					
	08	1.00 (25.4)					
	12	1.50 (38.1)					
20	2.00 (63.5)						
Band	Omit if not required K Pre-Coiled Band Included						

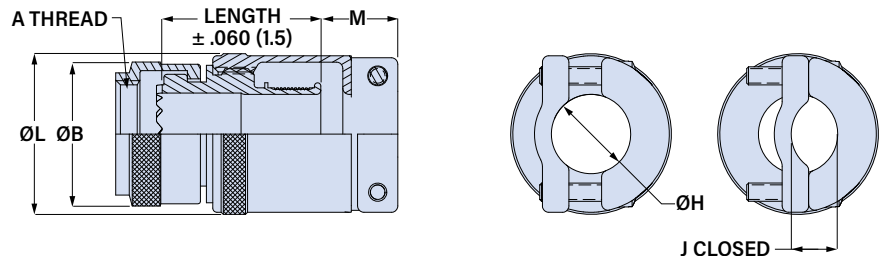


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size		A Thread UNEF-2B	øB Max		Max Entry Size
	Series 800, 801, 803, 804	Series 805		in	mm	
05	5	N/A	0.250-32	.470	11.9	25
06	6	N/A	0.3125-32	.530	13.5	35
11	N/A	8	0.3750-32	.570	14.5	04
07	7	9	0.4375-28	.637	16.2	05
08	8	10	0.500-28	.700	17.8	06
09	9	11	0.5625-24	.758	19.3	07
10	10	12	0.625-24	.819	20.8	08
12	11, 12, 13	13	0.6875-24	.896	22.8	09
13	N/A	15	0.750-20	.930	23.6	10
14	14, 15, 16, 17	18, 19	0.9375-20	1.137	28.9	13
16	19	21	1.0625-18	1.250	31.8	14
17	21	23	1.1875-18	1.387	35.2	16

TABLE 2: ENTRY SIZE

Entry Size	Shell Size Codes	øH ±.015(0.4)		J Closed ±.015(0.4)		K ±.015(0.4)		øL Max		M ±.03(0.8)	
		in	mm	in	mm	in	mm	in	mm	in	mm
02	05-17	.125	3.2	.075	1.9	.490	12.4	.520	13.2	.36	9.1
25	05-17	.156	4.0	.094	2.4	.520	13.2	.550	14.0	.36	9.1
03	06-17	.188	4.8	.113	2.9	.550	14.0	.580	14.7	.36	9.1
35	06-17	.219	5.6	.131	3.3	.580	14.7	.610	15.5	.36	9.1
04	11-17	.250	6.4	.150	3.8	.615	15.6	.645	16.4	.36	9.1
05	07-17	.312	7.9	.188	4.8	.680	17.3	.710	18.0	.36	9.1
06	08-17	.375	9.5	.225	5.7	.740	18.8	.770	19.6	.36	9.1
07	09-17	.438	11.1	.263	6.7	.800	20.3	.830	21.1	.36	9.1
08	10-17	.500	12.7	.300	7.6	.865	22.0	.895	22.7	.36	9.1
09	12-17	.562	14.3	.375	9.5	.990	25.1	1.030	26.2	.42	10.7
10	13-17	.625	15.9	.417	10.6	1.050	26.7	1.090	27.7	.42	10.7
11	14-17	.688	17.5	.459	11.7	1.115	28.3	1.155	29.3	.42	10.7
12	14-17	.750	19.1	.500	12.7	1.175	29.8	1.215	30.9	.42	10.7
13	14-17	.812	20.6	.542	13.8	1.240	31.5	1.280	32.5	.42	10.7
14	16-17	.875	22.2	.583	14.8	1.300	33.0	1.340	34.0	.42	10.7
15	16-17	.938	23.8	.625	15.9	1.365	34.7	1.405	35.7	.42	10.7
16	17	1.000	25.4	.667	16.9	1.425	36.2	1.465	37.2	.42	10.7



Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

440M*233 Banding Backshell, Shrink Boot, Expanded Clearance



Prevents splaying of size 8 twinax, quadrax and octaxial contacts. Band-Master ATS® shield termination. 440M*233 banding backshell fits Series 80 Mighty Mouse with size 8 contacts. Backshell has increased clearance for sealing boots used with size 8 contacts. 45° and 90° profiles have large radius elbows for minimized wire bending. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring. Silicone O-ring.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

PROFILE SELECTION GUIDE

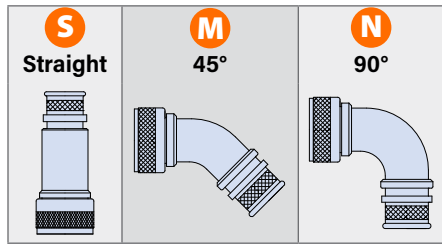


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size		Max Entry Size
	Series 800, 801, 803, 804	Series 805	
11	N/A	8	04
07	7	9	04
08	8	10	06
09	9	11	06
10	10	12	08
12	12, 13	N/A	08
13	N/A	15	10
14	14, 15, 16, 17	18, 19	12
16	19	21	14
17	21	23	16

PART NUMBER

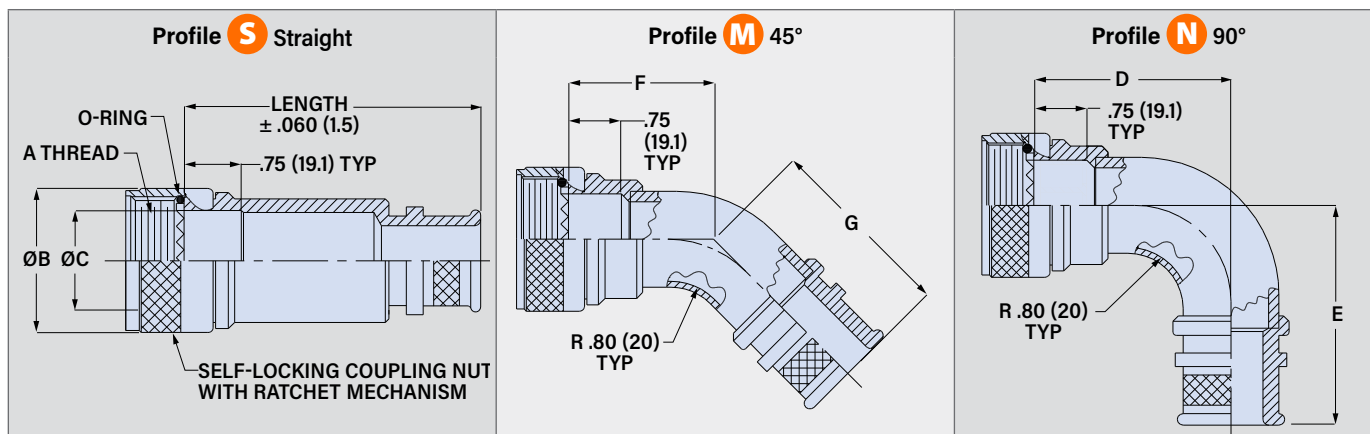
440MS233 M 10 06 M -8 K P T

Base P/N	Base Part No. Profile	
	440MS233 S Straight	
	440MM233 M 45°	
	440MN233 N 90°	
Material/Finish	ME Alum/ Electroless Nickel	
	MT Alum/ Nickel-PTFE	
	NF Alum/ Olive Drab Cadmium	
	ZR Alum/ Black Zinc-Nickel	
	TZ Alum/ Tin-Zinc	
	ZI SST/ Passivated	
Size Code	07 08 09 10 11 12 13 14 15 16 17	See table 1
Entry Size	Entry Size Inside Dia. Size Codes	Entry Size Inside Dia. Size Codes
	02 .125 (3.2) 11-17	10 .625 (15.9) 13-17
	03 .188 (4.8) 11-17	11 .688 (17.5) 14-17
	04 .250 (6.4) 11-17	12 .750 (19.1) 14-17
	05 .312 (7.9) 08-17	13 .812 (20.6) 16-17
	06 .375 (9.5) 08-17	14 .875 (22.2) 16-17
	07 .438 (11.1) 10-17	15 .938 (23.8) 17
	08 .500 (12.7) 10-17	16 1.000 (25.4) 17
	09 .562 (14.3) 13-17	
Band Platform	Omit for standard band platform	
	M Micro Band Platform	
Length	-8 2.0 in.	Length Code applies to Profile S only. Length in ¼ inch increments, 2 inch min. Omit for 45° and 90° profiles.
	-10 2.5 in.	
	-12 3.0 in.	
	-14 3.5 in.	
Band	Omit if not required	
	K Pre-Coiled Band Included With Backshell	
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.	
	P Nickel Plated Shield Termination Area with Polysulfide Barrier	
Shrink Boot	Omit if not required	
	T Type 1 High Performance Shrink Boot Included With Backshell	
	T1 Adhesive-lined Type 1 High Performance Shrink Boot	
	H Zero Halogen Shrink Boot Included With Backshell	
	T1 Adhesive-lined Zero Halogen Shrink Boot	

Series 44 Banding Backshells

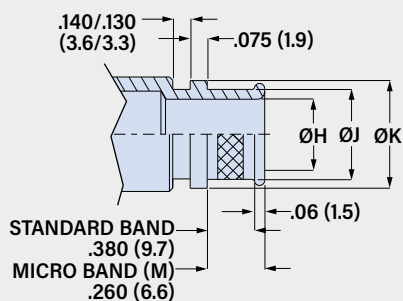
for Series 80 Mighty Mouse Connectors

440M*233 Banding Backshell, Shrink Boot, Expanded Clearance



Shell Size Code	Shell Size Series		A Thread UNEF-2B	øB Max.		øC ± .005 (0.1)		D Max.		E Max.		F Max.		G Max.		Max. Entry Size
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
11	N/A	8	0.3750-32	.763	19.4	.274	7.0	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	04
07	7	9	0.4375-28	.782	19.9	.324	8.2	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	04
08	8	10	0.500-28	.803	20.4	.386	9.8	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	06
09	9	11	0.5625-24	.950	24.1	.444	11.3	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	06
10	10	12	0.625-24	1.034	26.3	.513	13.0	1.955	49.7	1.945	49.4	1.460	37.1	1.450	36.8	08
12	12, 13	N/A	0.6875-24	1.076	27.3	.596	15.1	1.955	49.7	1.945	49.4	1.460	37.1	1.450	36.8	08
13	N/A	15	0.750-20	1.170	29.7	.625	15.9	2.107	53.5	2.097	53.3	1.485	37.7	1.475	37.5	10
14	14, 15, 16, 17	18, 19	0.9375-20	1.320	33.5	.812	20.6	2.107	53.5	2.097	53.3	1.485	37.7	1.475	37.5	12
16	19	21	1.0625-18	1.470	37.3	.910	23.1	2.170	55.1	2.160	54.9	1.541	39.1	1.531	38.9	14
17	21	23	1.1875-18	1.582	40.2	1.055	26.8	2.275	57.8	2.265	57.5	1.580	40.1	1.570	39.9	16

ENTRY SIZE



Entry Size Codes	Shell Size	øH ± .015 (0.4)		øJ ± .015 (0.4)		øK ± .015 (0.4)	
		in	mm	in	mm	in	mm
02	11-17	.125	3.2	.250	6.4	.312	7.9
03	11-17	.188	4.8	.312	7.9	.374	9.5
04	11-17	.250	6.4	.375	9.5	.437	11.1
05	08-17	.312	7.9	.438	11.1	.500	12.7
06	08-17	.375	9.5	.500	12.7	.562	14.3
07	10-17	.438	11.1	.562	14.3	.624	15.8
08	10-17	.500	12.7	.625	15.9	.687	17.4
09	13-17	.562	14.3	.688	17.5	.750	19.1
10	13-17	.625	15.9	.750	19.1	.812	20.6
11	14-17	.688	17.5	.812	20.6	.874	22.2
12	14-17	.750	19.1	.875	22.2	.937	23.8
13	16-17	.812	20.6	.938	23.8	1.000	25.4
14	16-17	.875	22.2	1.000	25.4	1.062	27.0
15	17	.938	23.8	1.062	27.0	1.124	28.5
16	17	1.000	25.4	1.125	28.6	1.187	30.1

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection.

Code T, T1: Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C. Code T1 adds W1 hot melt adhesive precoat (-40 to +125 °C).

Code H, H1: Type 2 halogen-free polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. Operating temperature range -40 to +130 °C. Code H1 adds W1 hot melt adhesive precoat (-55 to +125 °C).



Entry Sizes	Zero Halogen Shrink Boot P/N*	
	Shrink Boot P/N*	Zero Halogen Shrink Boot P/N*
02-03	770-003S111	770-003S211
04-05	770-001S112	770-001S212
06	770-001S103	770-001S203
07-11	770-001S104	770-001S204
12-15	770-001S105	770-001S205
16	770-001S106	770-001S206

* Add "W1" to the part number for adhesive lined boot

BAND

Optional Band-Master ATS® band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Standard Band
601-041

Standard
Banding Tool
601-100

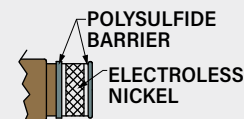
Micro Band
601-065

Micro
Banding Tool
601-101

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

443M*042 Banding Backshell, Shrouded, Expanded Clearance

Self-Locking



Prevents splicing of size 8 twinax, quadrax and octaxial contacts. Environmental. "Band-in-a-Can" shield termination. Saddle clamp. 443M*042 banding backshell fits Glenair Series 80 Mighty Mouse connectors. Backshell has increased clearance for sealing boots used with size 8 contacts. 45° and 90° profiles have large radius elbows for minimized bending of data cables. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (optional). Environmentally sealed with O-rings. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings and grommet. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

PROFILE SELECTION GUIDE

S Straight	M 45°	N 90°

TABLE 1: SIZE CODE

Shell Size Code	Shell Size		Max Entry Size
	Series 800, 801, 803, 804	Series 805	
11	N/A	8	01
07	7	9	01
08	8	10	02
09	9	11	02
10	10	12	04
12	12, 13	N/A	04
13	N/A	15	05
14	14, 15, 16, 17	18, 19	06
16	19	21	07
17	21	23	08

PART NUMBER

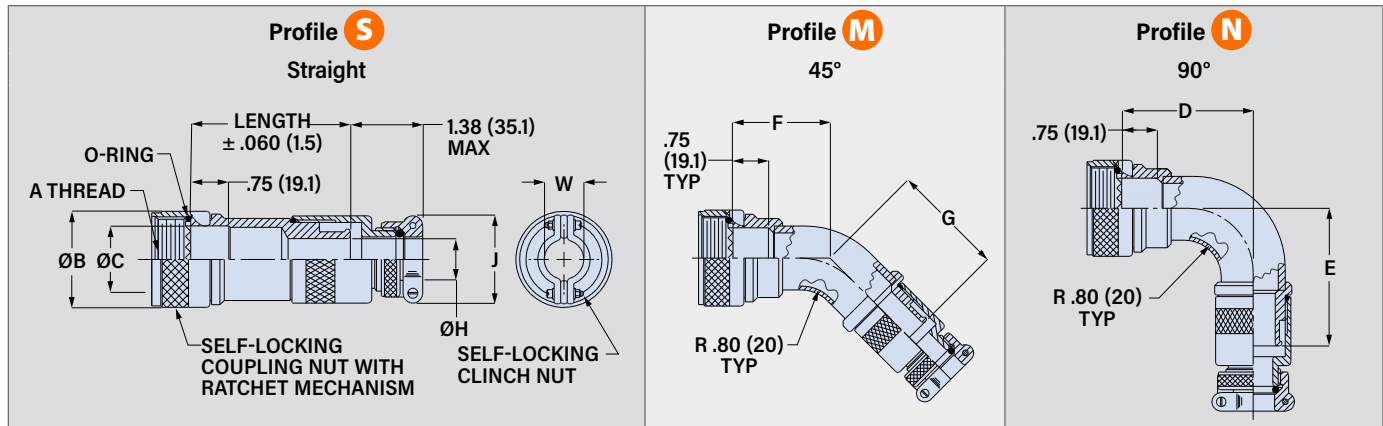
443MS042 M 13 04 -8 K P

Base P/N	Base Part No.	Profile		
	443MS042 S	Straight		
	443MM042 M	45°		
	443MN042 N	90°		
Material / Finish	ME	Aluminum / Electroless Nickel		
	MT	Aluminum / Nickel-PTFE		
	NF	Aluminum / Olive Drab Cadmium		
	ZR	Aluminum / Black Zinc-Nickel		
	TZ	Aluminum / Tin-Zinc		
	ZI	Stainless Steel / Passivated		
Size Code	07 08 09 10 11 12 13 14 15 16 17	See table 1		
	Entry Size	Shell Size Codes		
Length	01	.125 (3.2)	.250 (6.4)	11-17
	02	.188 (4.8)	.375 (9.5)	08-17
	03	.312 (7.9)	.438 (11.1)	10-17
	04	.343 (8.7)	.500 (12.7)	10-17
	05	.438 (11.1)	.625 (15.9)	13-17
	06	.562 (14.3)	.750 (19.1)	14-17
	07	.688 (17.5)	.875 (22.2)	16-17
	08	.812 (20.6)	1.000 (25.4)	17
	-8	2.0 in.	Length in ¼ inch increments. 2 inch min.	
-10	2.5 in.	Length Code applies to Profile S only.		
-12	3.0 in.	Omit for 45° and 90° profiles.		
-14	3.5 in.			
Band	Omit if not required			
	K	Pre-Coiled Band Included		
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.			
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier		

Series 44 Banding Backshells

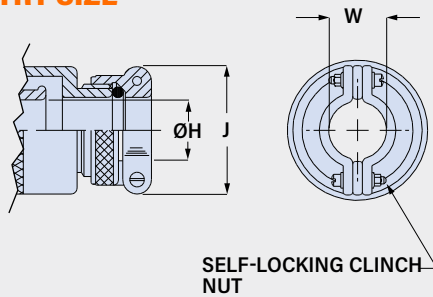
for Series 80 Mighty Mouse Connectors

443M*042 Banding Backshell, Shrouded, Expanded Clearance



Shell Code	Shell Size			A Thread	øB Max.		øC ±.005 (0.1)		D Max.		E Max.		F Max.		G Max.		Max. Entry Size
	Series 800, 801, 803, 804	Series 805	Series		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
11	N/A	8		0.3750-32	.763	19.4	.274	7.0	1.893	48.1	1.903	48.3	1.433	36.4	1.443	36.7	01
07	7	9		0.4375-28	.782	19.9	.324	8.2	1.893	48.1	1.903	48.3	1.433	36.4	1.443	36.7	01
08	8	10		0.500-28	.803	20.4	.386	9.8	1.893	48.1	1.903	48.3	1.433	36.4	1.443	36.7	02
09	9	11		0.5625-24	.950	24.1	.444	11.3	1.893	48.1	1.903	48.3	1.433	36.4	1.443	36.7	02
10	10	12		0.625-24	1.034	26.3	.513	13.0	1.955	49.7	1.965	49.9	1.460	37.1	1.470	37.3	04
12	12, 13	N/A		0.6875-24	1.076	27.3	.596	15.1	1.955	49.7	1.965	49.9	1.460	37.1	1.470	37.3	04
13	N/A	15		0.750-20	1.170	29.7	.625	15.9	2.107	53.5	2.117	53.8	1.485	37.7	1.495	38.0	05
14	14, 15, 16, 17	18, 19		0.9375-20	1.320	33.5	.812	20.6	2.107	53.5	2.117	53.8	1.485	37.7	1.495	38.0	06
16	19	21		1.0625-18	1.470	37.3	.910	23.1	2.170	55.1	2.180	55.4	1.541	39.1	1.551	39.4	07
17	21	23		1.1875-18	1.582	40.2	1.055	26.8	2.275	57.8	2.285	58.0	1.580	40.1	1.590	40.4	08

ENTRY SIZE



Entry Size	Cable Range				J Max.	W Closed		ø H	Shell Sizes		
	Min.	Max.	in	mm		in	mm				
01	.125	3.2	.250	6.4	1.05	26.7	2.64	6.7	.25	6.4	11-17
02	.188	4.8	.375	9.5	1.20	30.5	3.44	8.7	.37	9.4	08-17
03	.312	7.9	.438	11.1	1.30	33.0	4.60	11.7	.43	10.9	10-17
04	.343	8.7	.500	12.7	1.44	36.6	5.45	13.8	.50	12.7	10-17
05	.438	11.1	.625	15.9	1.69	42.9	6.98	17.7	.62	15.7	13-17
06	.562	14.3	.750	19.1	1.77	45.0	7.80	19.8	.75	19.1	14-17
07	.688	17.5	.875	22.2	2.12	53.8	9.50	24.1	.87	22.1	16-17
08	.812	20.6	1.000	25.4	2.50	63.5	10.15	25.8	1.00	25.4	17

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.

The Band-Master ATS® Advanced Cable Shield Termination System provides excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band 601-041

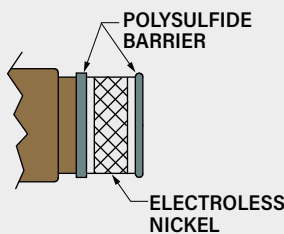


Banding Tool 601-100

POLYSULFIDE

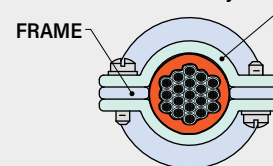
Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



APPLICATION NOTE

This backshell has a full radius saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

Series 44 Banding Backshells

for Series 970 PowerTrip® Connectors

440P*069 Banding Backshell, Shrink Boot, Self-Locking



Self-Locking

Adapter Code P

This accessory fits Glenair Series 970 PowerTrip Connectors

TABLE 1: ENTRY SIZE

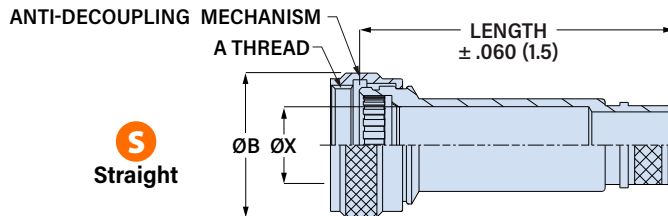
Entry Size	Shell Sizes*	ØN		ØP		ØR	
		in	mm	in	mm	in	mm
01	18-40	.125	3.2	.250	6.4	.312	7.9
31	18-40	.188	4.8	.312	7.9	.375	9.5
02	18-40	.250	6.4	.375	9.5	.438	11.1
32	18-40	.312	7.9	.438	11.1	.500	12.7
03	18-40	.375	9.5	.500	12.7	.562	14.3
33	18-40	.438	11.1	.562	14.3	.625	15.9
04	18-40	.500	12.7	.625	15.9	.687	17.4
34	18-40	.562	14.3	.688	17.5	.750	19.1
05	18-40	.625	15.9	.750	19.1	.812	20.6
35	18-40	.688	17.5	.812	20.6	.875	22.2
06	20-40	.750	19.1	.875	22.2	.938	23.8
36	20-40	.812	20.6	.938	23.8	1.000	25.4
07	24-40	.875	22.2	1.000	25.4	1.062	27.0
37	24-40	.938	23.8	1.062	27.0	1.125	28.6
08	24-40	1.000	25.4	1.125	28.6	1.188	30.2
38	28-40	1.062	27.0	1.188	30.2	1.250	31.8
09	28-40	1.125	28.6	1.250	31.8	1.312	33.3
10	28-40	1.250	31.8	1.375	34.9	1.438	36.5
11	32-40	1.375	34.9	1.500	38.1	1.562	39.7
12	32-40	1.500	38.1	1.625	41.3	1.688	42.9
13	32-40	1.625	41.3	1.750	44.5	1.812	46.0
14	36-40	1.750	44.5	1.875	47.6	1.938	49.2
15	40	1.875	47.6	2.000	50.8	2.062	52.4
16	40	2.000	50.8	2.125	54.0	2.188	55.6
17	-	2.125	54.0	2.250	57.2	2.313	58.8
18	-	2.250	57.2	2.375	60.3	2.438	61.9
19	-	2.375	60.3	2.500	63.5	2.563	65.1
20	-	2.500	63.5	2.625	66.7	2.688	68.3

*If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.

Band-Master ATS® shield termination. Straight, 45° or 90°. 440P*069 banding backshell fits Glenair Series 970 PowerTrip connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate braid shield with optional band strap. Shrink boot provides environmental protection and strain relief. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

PART NUMBER

440PS069	NF	20	05	-8	K	P	T
Base P/N	Base Part No. Profile 440PS069 S Straight 440PM069 M 45° 440PN069 N 90°						
Material/Finish	ME Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated						
Shell Size	18 20 24 28 32 36 40						
Entry Size	See Table 1						
Length	4 2 inches 6 3 inches 8 4 inches 10 5 inches 12 6 inches <i>Applies to Profile S only. If selected Entry Size is greater than Maximum Entry Size (see next page), then 3 inch minimum applies.</i>						
Band	Omit if not required K Pre-Coiled Band is included with backshell						
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only. P Nickel Plated Shield Termination Area with Polysulfide Barrier						
Shrink Boot	Omit if not required T Standard Shrink Boot S Zero Halogen Shrink Boot						



S
Straight

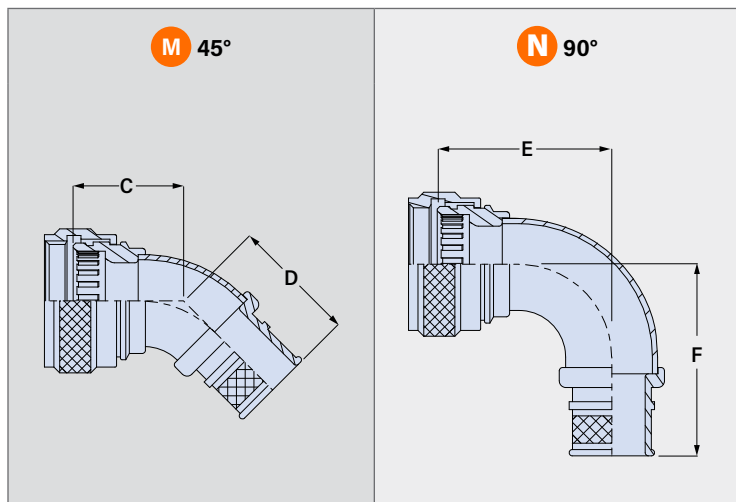
Shell Size	A Thread	Ø B Max. in	mm	X Min. in	mm	Max. Entry Size(1)
18	1.125-18 UNEF-2B	1.39	35.3	.724	18.4	35
20	1.250-18 UNEF-2B	1.53	38.9	.858	21.8	36
24	1.4375-18 UNEF-2B	1.72	43.7	1.043	26.5	08
28	1.8125-16 UN-2B	2.13	54.1	1.353	34.4	10
32	2.0625-16 UNS-2B	2.35	59.7	1.620	41.2	13
36	2.250-16 UN-2B	2.59	65.8	1.823	46.3	14
40	2.500-16 UN-2B	2.87	70.6	2.050	52.1	16

(1) If the Entry Size exceeds "Max. Entry Size", a front adapter will be included. See "Maximum Entry Size" on next page.

Series 44 Banding Backshells

for Series 970 PowerTrip® Connectors

440P*069 Banding Backshell, Shrink Boot, Self-Locking



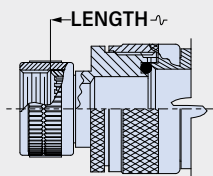
Shell Size	C Max. in	C Max. mm	D Max. in	D Max. mm	E Max. in	E Max. mm	F Max. in	F Max. mm
18	1.250	31.8	2.468	62.7	1.906	48.4	1.812	46.0
20	1.312	33.3	2.657	67.5	2.031	51.6	1.938	49.2
24	1.406	35.7	3.063	77.8	2.281	57.9	2.188	55.6
28	1.500	38.1	3.656	92.9	2.531	64.3	2.625	66.7
32	1.675	42.5	3.845	97.7	2.625	66.7	2.895	73.5
36	1.799	45.7	4.230	107.4	2.875	73.0	3.145	79.9
40	1.861	47.3	4.459	113.3	3.025	76.8	3.295	83.7

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

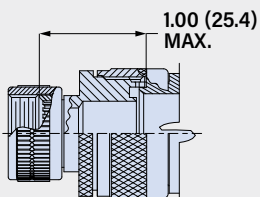
Shell Size	Maximum Entry Size
18	35
20	36
24	08
28	10
32	13
36	14
40	16

Style 2 Straight Backshell



Style 2 profile **S** straight backshell minimum length code is 6 (3 inches).

Style 2 45° and 90° Backshells



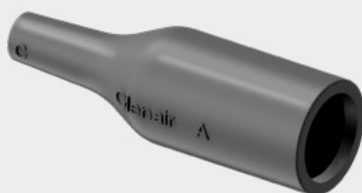
For Profile **M** and **N** 45° and 90° backshells, the front adapter adds 1 inch.

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection.

Standard Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C.

Zero Halogen Type 2 high-performance semi-flexible polyolefin meets low smoke and toxicity requirements. Operating temperature range -40 to +130 °C.



Entry Sizes	Shrink Boot Part Number	
	Standard	Zero Halogen
01-31	770-003S111	770-003S211
02-32	770-003S112	770-003S212
03	770-001S103	770-001S203
33-35	770-001S104	770-001S204
06-37	770-001S105	770-001S205
08-38	770-001S106	770-001S206
09-12	770-001S107	770-001S207
13-14	770-001S108	770-001S208
15-16	770-001S109	770-001S209
17-20	770-001S110	770-001S210

SHIELD BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.

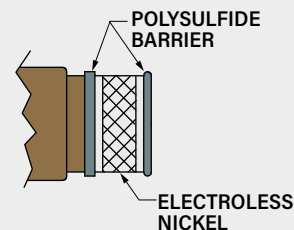


Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
01 - 36	601-006	9.00 (229)	1.00 (25.4)
07 - 13	601-041	14.25 (362)	1.80 (45.7)
14 - 20	601-050	18.00 (457)	2.50 (63.5)

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

440V*191 Banding Backshell, Shrink Boot, Self-Locking



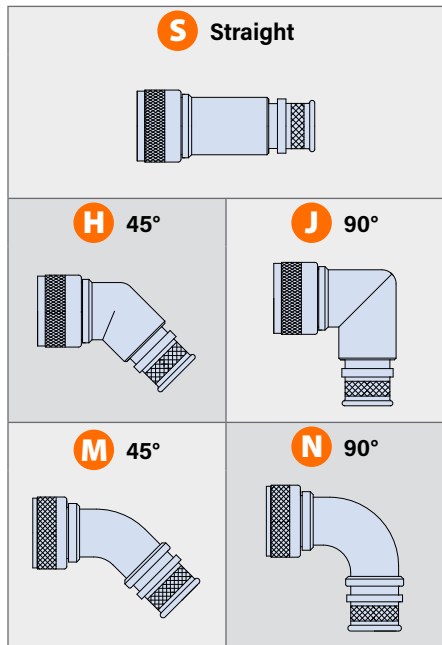
Self-Locking

Self-Locking. Band-Master ATS® shield termination. 440V*191 banding backshell fits Glenair's Series 806 connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel, silicone O-ring, thermoplastic or stainless steel detent spring, stainless steel band. Shrink boot is Type 1 fluid-resistant elastomeric or Type 2 polyolefin.

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

PROFILE SELECTION GUIDE



PART NUMBER

	440VS191	MT	20	12-	4	K	P	T1			
Base P/N	Base Part No.	Profile									
	440VS191	S	Straight								
	440VH191	H	45°								
	440VJ191	J	90°								
	440VM191	M	45°								
	440VN191	N	90°								
Material/Finish	ME	Alum/ Electroless Nickel									
	MT	Alum/ Nickel-PTFE									
	NF	Alum/ Olive Drab Cadmium									
	ZR	Alum/ Black Zinc-Nickel									
	TZ	Alum/ Tin-Zinc									
	ZI	SST/ Passivated									
Shell Size	08	09	10	11	12	14	16	18	20	22	24
Entry Size	See Table 1										
Length	3	1.5 inches	Applies to Profile S only.								
	4	2.0 inches	If Entry Size is greater than								
	5	2.5 inches	"Maximum Entry Size" (see next								
	6	3.0 inches	page), then 2 inch minimum applies.								
Band	Omit if not required										
	K	Pre-Coiled Band									
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.										
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier									
Shrink Boot	Omit if not required										
	T	Shrink Boot									
	T1	Shrink Boot with W1 Hot Melt Pre-Coat Adhesive									
	H	Zero Halogen Shrink Boot									
	H1	Zero Halogen Shrink Boot with W1 Hot Melt Pre-Coat Adhesive									

TABLE 1: ENTRY SIZE

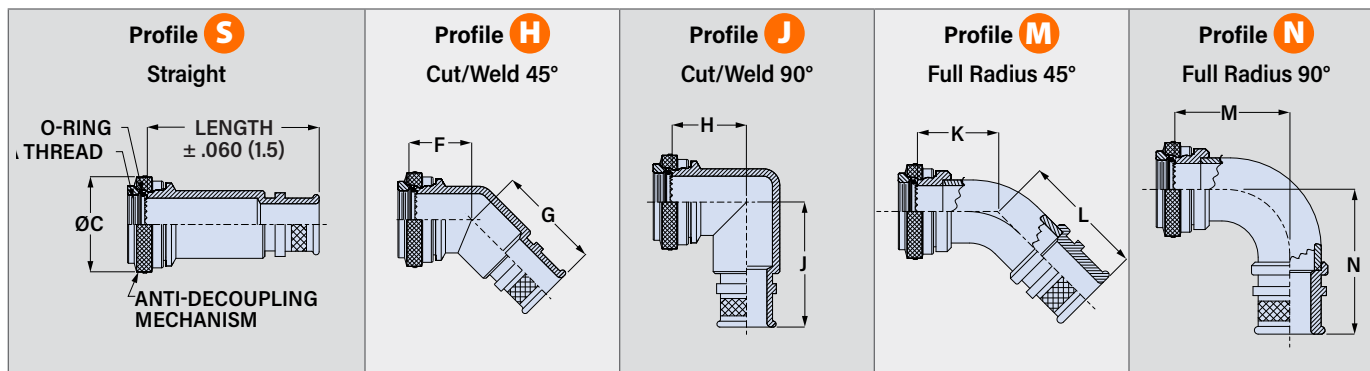
Entry Size	Shell Sizes*	±.015(0.4)		±.015(0.4)		±.015(0.4)		Entry Size	Shell Sizes*	±.015(0.4)		±.015(0.4)		±.015(0.4)	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
02	08-24	.125	3.2	.250	6.4	.312	7.9	13	18-24	.812	20.6	.938	23.8	1.000	25.4
03	08-24	.188	4.8	.312	7.9	.374	9.5	14	20-24	.875	22.2	1.000	25.4	1.062	27.0
04	08-24	.250	6.4	.375	9.5	.438	11.1	15	20-24	.938	23.8	1.062	27.0	1.124	28.6
05	09-24	.312	7.9	.438	11.1	.500	12.7	16	22-24	1.000	25.4	1.125	28.6	1.187	30.1
06	10-24	.375	9.5	.500	12.7	.562	14.3	17	22-24	1.062	27.0	1.188	30.2	1.250	31.8
07	11-24	.438	11.1	.562	14.3	.624	15.8	18	24	1.125	28.6	1.250	31.8	1.312	33.3
08	12-24	.500	12.7	.625	15.9	.687	17.4	20	-	1.250	31.8	1.375	34.9	1.437	36.5
09	14-24	.562	14.3	.688	17.5	.750	19.1	22	-	1.375	34.9	1.500	38.1	1.562	39.7
10	16-26	.625	15.9	.750	19.1	.812	20.6	24	-	1.500	38.1	1.625	41.3	1.687	42.8
11	16-24	.688	17.5	.812	20.6	.874	22.2	26	-	1.625	41.3	1.750	44.5	1.812	46.0
12	18-24	.750	19.1	.875	22.2	.937	23.8	28	-	1.750	44.5	1.875	47.6	1.937	49.2

* If selected entry size exceeds the shell size range shown in table, a Style 2 adapter will be included. Refer to Maximum Entry Size on next page for details.

Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

440V*191 Banding Backshell, Shrink Boot, Self-Locking



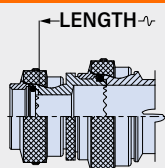
Shell Size	A Thread ISO Metric	øC Max. in mm	F Max. in mm	G Max. in mm	H Max. in mm	J Max. in mm	K Max. in mm	L Max. in mm	M Max. in mm	N Max. in mm
08	M10 x 1.0-6H	.692 17.58	.64 16.3	.92 23.4	.76 19.3	1.13 28.7	.79 20.1	1.19 30.2	.94 23.9	1.35 34.3
09	M12 x 1.0-6H	.786 19.96	.65 16.5	.96 24.3	.79 20.1	1.18 30.0	.79 20.1	1.19 30.2	.94 23.9	1.35 34.3
10	M14 x 1.0-6H	.883 22.43	.68 17.3	.99 25.2	.84 21.3	1.23 31.2	.79 20.1	1.26 32.0	.97 24.6	1.45 36.8
11	M15 x 1.0-6H	.911 23.14	.69 17.5	1.02 25.9	.85 21.6	1.24 31.5	.79 20.1	1.26 32.0	.97 24.6	1.45 36.8
12	M17 x 1.0-6H	1.002 25.45	.72 18.3	1.05 26.7	.90 22.9	1.29 32.8	.83 21.1	1.34 34.0	1.04 26.4	1.55 39.4
14	M19 x 1.0-6H	1.066 27.08	.73 18.5	1.08 27.4	.93 23.6	1.32 33.5	.83 21.1	1.34 34.0	1.04 26.4	1.55 39.4
16	M22 x 1.0-6H	1.196 30.38	.77 19.6	1.15 29.2	1.00 25.4	1.40 35.6	.84 21.3	1.41 35.8	1.08 27.4	1.65 41.9
18	M25 x 1.0-6H	1.311 33.30	.80 20.3	1.21 30.7	1.05 26.7	1.49 37.9	.89 22.6	1.49 37.9	1.14 29.0	1.74 44.2
20	M28 x 1.0-6H	1.430 36.32	.84 21.3	1.27 32.3	1.11 28.2	1.58 40.1	.92 23.4	1.56 39.6	1.21 30.7	1.84 46.7
22	M31 x 1.0-6H	1.548 39.32	.87 22.1	1.32 33.5	1.17 29.7	1.66 42.2	.95 24.1	1.62 41.5	1.28 32.5	1.94 49.3
24	M34 x 1.0-6H	1.696 43.08	.92 23.4	1.39 35.3	1.25 31.8	1.77 45.0	.97 24.6	1.68 42.7	1.33 33.8	2.04 51.8

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

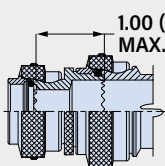
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	04	16	11
09	05	18	13
10	06	20	15
11	07	22	17
12	08	24	18
14	09		

Style 2 Straight Backshell



Style 2 profile **S** straight backshell minimum length code is 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the front adapter adds 1 inch.

SHRINK BOOT

Optional heatshrink boot provides environmental protection and strain relief.

Standard Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Operating temp. range -75 to +150 °C.

Zero Halogen Type 2 high-performance semi-flexible polyolefin meets low smoke and toxicity requirements. Operating temp. range -40 to +130 °C.



Entry Sizes	Shrink Boot Part Number	
	Standard*	Zero Halogen*
02-03	770-003S111	770-003S211
04-05	770-003S112	770-003S212
06	770-001S103	770-001S203
07-11	770-001S104	770-001S204
12-15	770-001S105	770-001S205
06-17	770-001S106	770-001S206
18-24	770-001S107	770-001S207
26-28	770-001S108	770-001S208

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



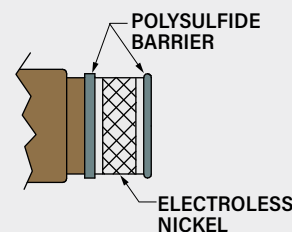
Band

Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
02 -12	601-006	9.00 (229)	1.00 (25.4)
13 - 24	601-041	14.25 (362)	1.80 (45.7)
26 - 28	601-050	18.00 (457)	2.50 (63.5)

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

440V*213 Banding Backshell, Shrink Boot, Self-Locking, Micro Band



Self-Locking

Self-Locking. Micro band shield termination. 440V*213 banding backshell fits Glenair's Series 806 connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional micro band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel, silicone O-ring, thermoplastic or stainless steel detent spring, stainless steel band. Shrink boot is Type 1 fluid-resistant elastomeric.

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

PART NUMBER

	440VS213	MT	20	12-	8	K	P	T
Base P/N	Base Part No.	Profile						
	440VS213	S Straight						
	440VH213	H 45°						
	440VJ213	J 90°						
	440VM213	M 45°						
	440VN213	N 90°						
Material/Finish	ME Alum/ Electroless Nickel	MT Alum/ Nickel-PTFE						
	NF Alum/ Olive Drab Cadmium	ZR Alum/ Black Zinc-Nickel						
	TZ Alum/ Tin-Zinc	ZI SST/ Passivated						
Shell Size	08 09 10 11 12 14 16 18 20 22 24							
Entry Size	See Table 1							
Length	6 0.75 inches	8 1.00 inch	<i>Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 1.50 inch minimum applies.</i>					
	10 1.25 inches	12 1.50 inches						
	16 2.00 inches							
Band	<i>Omit if not required</i> K Pre-Coiled Band							
Polysulfide	<i>Omit if not required. Applies to Plating Codes NF, ZR, TZ only.</i> P Nickel Plated Shield Termination Area with Polysulfide Barrier							
Shrink Boot	<i>Omit if not required</i> T Shrink Boot with W1 Hot Melt Pre-Coat Adhesive							

PROFILE SELECTION GUIDE

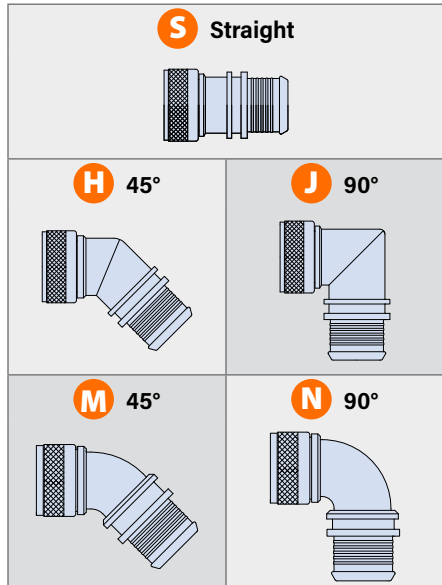
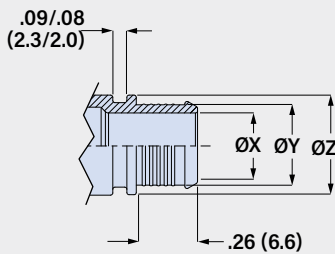


TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	øX		øY		øZ		Entry Size	Shell Sizes*	øX		øY		øZ	
		± .015(0.4) in	± .015(0.4) mm	± .015(0.4) in	± .015(0.4) mm	± .015(0.4) in	± .015(0.4) mm			± .015(0.4) in	± .015(0.4) mm	± .015(0.4) in	± .015(0.4) mm		
02	08-24	.125	3.2	.165	4.2	.266	6.8	11	16-24	.688	17.5	.728	18.5	.829	21.1
03	08-24	.188	4.8	.228	5.8	.329	8.4	12	18-24	.750	19.1	.800	20.3	.891	22.6
04	08-24	.250	6.4	.290	7.4	.391	9.9	13	18-24	.812	20.6	.863	21.9	.953	24.2
05	09-24	.312	7.9	.353	9.0	.453	11.5	14	20-24	.875	22.2	.925	23.5	1.016	25.8
06	10-24	.375	9.5	.415	10.5	.516	13.1	15	20-24	.938	23.8	.988	25.1	1.079	27.4
07	11-24	.438	11.1	.478	12.1	.579	14.7	16	22-24	1.000	25.4	1.050	26.7	1.141	29.0
08	12-24	.500	12.7	.540	13.7	.641	16.3	17	22-24	1.062	27.0	1.113	28.3	1.203	30.6
09	14-24	.562	14.3	.603	15.3	.703	17.9	18	24	1.125	28.6	1.175	29.8	1.266	32.2
10	16-26	.625	15.9	.665	16.9	.766	19.5	20	-	1.250	31.8	1.310	33.3	1.391	35.3

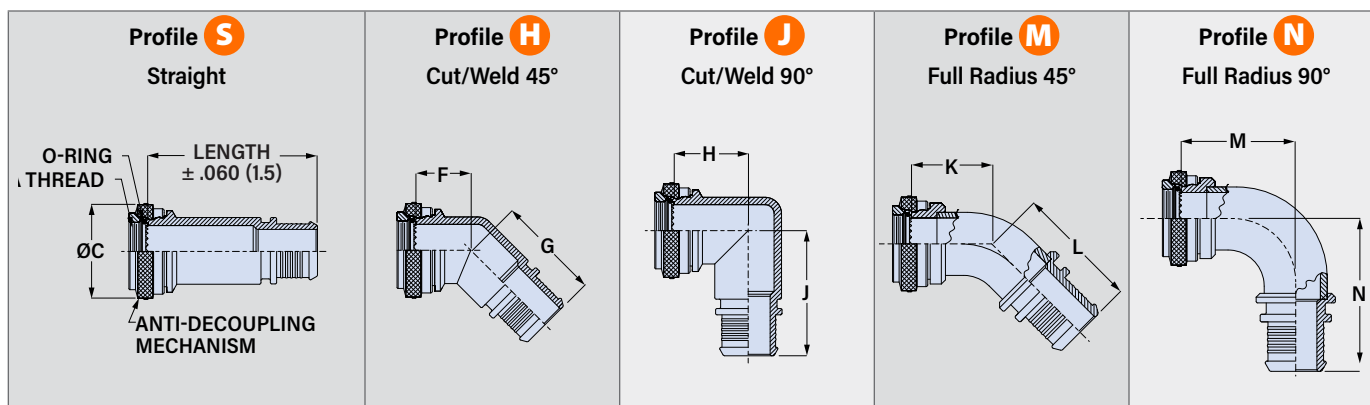


* If selected entry size exceeds the shell size range shown in table, a Style 2 adapter will be included. Refer to Maximum Entry Size on next page for details.

Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

440V*213 Banding Backshell, Shrink Boot, Self-Locking, Micro Band



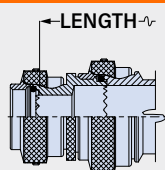
Shell Size	A Thread ISO Metric	øC Max. in mm	F Max. in mm	G Max. in mm	H Max. in mm	J Max. in mm	K Max. in mm	L Max. in mm	M Max. in mm	N Max. in mm
08	M10 x 1.0-6H	.692 17.58	.64 16.3	.695 17.7	.76 19.3	.905 23.0	.79 20.1	.965 24.5	.94 23.9	1.125 28.6
09	M12 x 1.0-6H	.786 19.96	.65 16.5	.735 18.7	.79 20.1	.955 24.3	.79 20.1	.965 24.5	.94 23.9	1.125 28.6
10	M14 x 1.0-6H	.883 22.43	.68 17.3	.765 19.4	.84 21.3	1.005 25.5	.79 20.1	1.035 26.3	.97 24.6	1.225 31.1
11	M15 x 1.0-6H	.911 23.14	.69 17.5	.795 20.2	.85 21.6	1.015 25.8	.79 20.1	1.035 26.3	.97 24.6	1.225 31.1
12	M17 x 1.0-6H	1.002 25.45	.72 18.3	.825 21.0	.90 22.9	1.065 27.1	.83 21.1	1.115 28.3	1.04 26.4	1.325 33.7
14	M19 x 1.0-6H	1.066 27.08	.73 18.5	.855 21.7	.93 23.6	1.095 27.8	.83 21.1	1.115 28.3	1.04 26.4	1.325 33.7
16	M22 x 1.0-6H	1.196 30.38	.77 19.6	.925 23.5	1.00 25.4	1.175 29.9	.84 21.3	1.185 30.1	1.08 27.4	1.425 36.2
18	M25 x 1.0-6H	1.311 33.30	.80 20.3	.985 25.0	1.05 26.7	1.265 32.1	.89 22.6	1.265 32.1	1.14 29.0	1.515 38.5
20	M28 x 1.0-6H	1.430 36.32	.84 21.3	1.045 26.5	1.11 28.2	1.355 34.4	.92 23.4	1.335 33.9	1.21 30.7	1.615 41.0
22	M31 x 1.0-6H	1.548 39.32	.87 22.1	1.095 27.8	1.17 29.7	1.435 36.5	.95 24.1	1.395 35.4	1.28 32.5	1.715 43.6
24	M34 x 1.0-6H	1.696 43.08	.92 23.4	1.165 29.6	1.25 31.8	1.545 39.2	.97 24.6	1.455 37.0	1.33 33.8	1.815 46.1

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

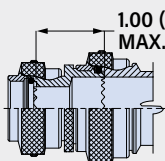
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	04	16	11
09	05	18	13
10	06	20	15
11	07	22	17
12	08	24	18
14	09		

Style 2 Straight Backshell



Style 2 profile **S** straight backshell minimum length code is 12 (1.5 inches).

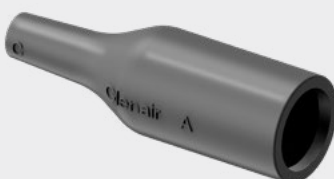
Style 2 45° and 90° Backshells



For 45° and 90° backshells, the front adapter adds 1 inch.

SHRINK BOOT

Heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Supplied with W1 hot melt adhesive pre-coat. Operating temperature range -55 to +125 °C.



Entry Size	Shrink Boot P/N
02 - 03	809S060-1
04 - 07	809S060-2
08 - 10	809S060-3
11 - 13	809S060-4
14 - 16	809S060-5
17 - 20	809S060-6

BAND

Terminate cable braid to EMI backshell with optional banding strap. Stainless steel.

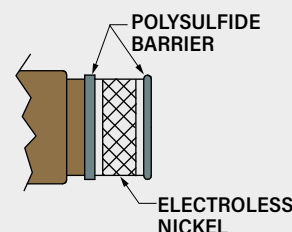


Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
02 - 10	601-061	8.13 (206)	.88 (22.4)
10 - 20	601-065	14.25 (362)	1.88 (47.8)

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only





Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

443V*039 Banding Backshell, Shrouded Environmental



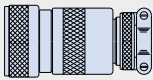
Self-Locking

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

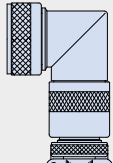
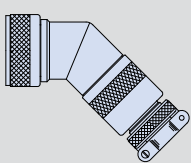
PROFILE SELECTION GUIDE

S Straight



H 45°

J 90°



Shell Size	A Thread ISO Metric	øC Max. in	Max. mm	Max Entry Size*
08	M10 x 1.0-6H	.692	17.58	01
09	M12 x 1.0-6H	.786	19.96	01
10	M14 x 1.0-6H	.883	22.43	02
11	M15 x 1.0-6H	.911	23.14	03
12	M17 x 1.0-6H	1.002	25.45	04
14	M19 x 1.0-6H	1.066	27.08	04
16	M22 x 1.0-6H	1.196	30.38	05
18	M25 x 1.0-6H	1.311	33.30	06
20	M28 x 1.0-6H	1.430	36.32	07
22	M31 x 1.0-6H	1.548	39.32	08
24	M34 x 1.0-6H	1.696	43.08	09

* If Entry Size exceeds the Max Entry Size in this table, the backshell will include a "Style 2" adapter. See "Maximum Entry Size" on next page.

Environmental. "Band-in-a-Can" shield termination. Saddle clamp. 443V*039 banding backshell fits Glenair Series 806 connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with micro band strap (included). Environmentally sealed with O-rings and cable grommet. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings and grommet, thermoplastic or SST detent spring. Band is passivated SST.

PART NUMBER

	443VS039	ME	16	04	-3
Base P/N	Base Part No. Profile				
	443VS039 S Straight				
	443VH039 H 45°				
	443VJ039 J 90°				
Material/Finish	ME Alum/ Electroless Nickel				
	MT Alum/ Nickel-PTFE				
	NF Alum/ Olive Drab Cadmium				
	ZR Alum/ Black Zinc-Nickel				
	TZ Alum/ Tin-Zinc				
	ZI SST/ Passivated				
Shell Size	08 09 10 11 12 14 16 18 20 22 24				
Entry Size	See Table 1				
Length	2 1.0 inch	Applies to Profile S only.			
	3 1.5 inches	If Entry Size is greater than Maximum Entry			
	4 2.0 inches	Size on next page, then 2 inch minimum			
	6 3.0 inches	applies.			

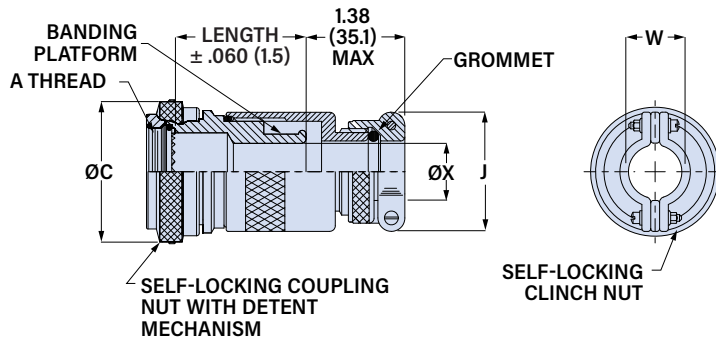


TABLE 1: ENTRY SIZE

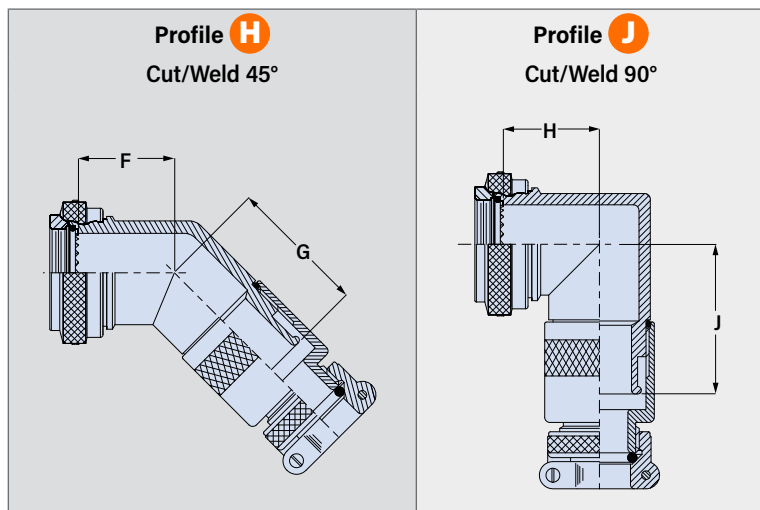
Entry Size	Min.		Max.		J Max. in	W Closed in	øX Min in	Shell Sizes*			
	in	mm	in	mm							
01	.125	3.2	.250	6.4	1.05	26.7	2.64	6.7	.25	6.4	08-24
02	.188	4.8	.375	9.5	1.20	30.5	3.44	8.7	.37	9.4	10-24
03	.250	6.4	.438	11.1	1.30	33.0	4.60	11.7	.43	10.9	11-24
04	.312	7.9	.500	12.7	1.44	36.6	5.45	13.8	.50	12.7	12-24
05	.343	8.7	.625	15.9	1.69	42.9	6.98	17.7	.62	15.7	16-24
06	.438	11.1	.750	19.1	1.77	45.0	7.80	19.8	.75	19.1	18-24
07	.688	17.5	.875	22.2	2.12	53.8	9.50	24.1	.87	22.1	20-24
08	.812	20.6	1.000	25.4	2.50	63.5	1.015	25.8	1.00	25.4	22-24
09	.938	23.8	1.125	28.6	2.62	66.5	1.187	30.1	1.12	28.4	24
10	1.062	27.0	1.250	31.8	2.68	68.1	1.220	31.0	1.25	31.8	—
11	1.125	28.6	1.375	34.9	3.00	76.2	1.500	38.1	1.38	35.1	—
12	1.250	31.8	1.500	38.1	3.50	88.9	1.625	41.3	1.50	38.1	—

* If Entry Size exceeds the shell size range in this table, the backshell will include a "Style 2" adapter. See "Maximum Entry Size" on next page.

Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

443V*039 Banding Backshell, Shrouded Environmental



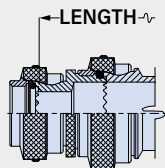
Shell Size	F Max. in	F Max. mm	G Max. in	G Max. mm	H Max. in	H Max. mm	J Max. in	J Max. mm
08	.63	16.0	1.03	26.2	.88	22.4	1.18	30.0
09	.64	16.3	1.03	26.2	.88	22.4	1.21	30.7
10	.67	17.0	1.06	26.9	.93	23.6	1.26	32.0
11	.68	17.3	1.09	27.7	.98	24.9	1.29	32.8
12	.70	17.8	1.10	27.9	.99	25.2	1.32	33.5
14	.72	18.3	1.10	27.9	.99	25.2	1.35	34.3
16	.76	19.3	1.13	28.7	1.05	26.7	1.41	35.8
18	.79	20.1	1.17	29.7	1.12	28.5	1.47	37.3
20	.83	21.1	1.20	30.4	1.18	30.0	1.53	38.9
22	.86	21.8	1.24	31.5	1.24	31.5	1.59	40.4
24	.91	23.1	1.29	32.8	1.30	33.0	1.67	42.4

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

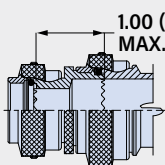
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	01	16	05
09	01	18	06
10	02	20	07
11	03	22	08
12	04	24	09
14	04		

Style 2 Straight Backshell



Style 2 profile **S** straight backshell minimum length code is 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the front adapter adds 1 inch.

BAND

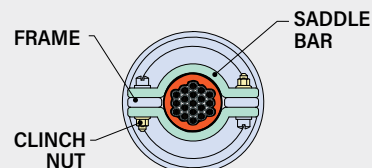
Micro band is included with backshell and provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems. Band is passivated stainless steel.



Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
02 - 10	601-061	8.13 (206)	.88 (22.4)
10 - 20	601-065	14.25 (362)	1.88 (47.8)

APPLICATION NOTE

This backshell has a **full radius** saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
FULL RADIUS CLAMPS SHOULD BE FULLY BOTTOMED ONTO FRAME.



Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

440V*233 Banding Backshell, Shrink Boot, Expanded Clearance



Prevents splaying of size 8 twinax, quadrax and octaxial contacts. Band-Master ATS® shield termination. 440V*233 banding backshell fits Series 806 Mil-Aero Connectors. Backshell has increased clearance for sealing boots used with size 8 contacts. 45° and 90° profiles have large radius elbows for minimized wire bending. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring. Silicone O-ring.

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

PROFILE SELECTION GUIDE

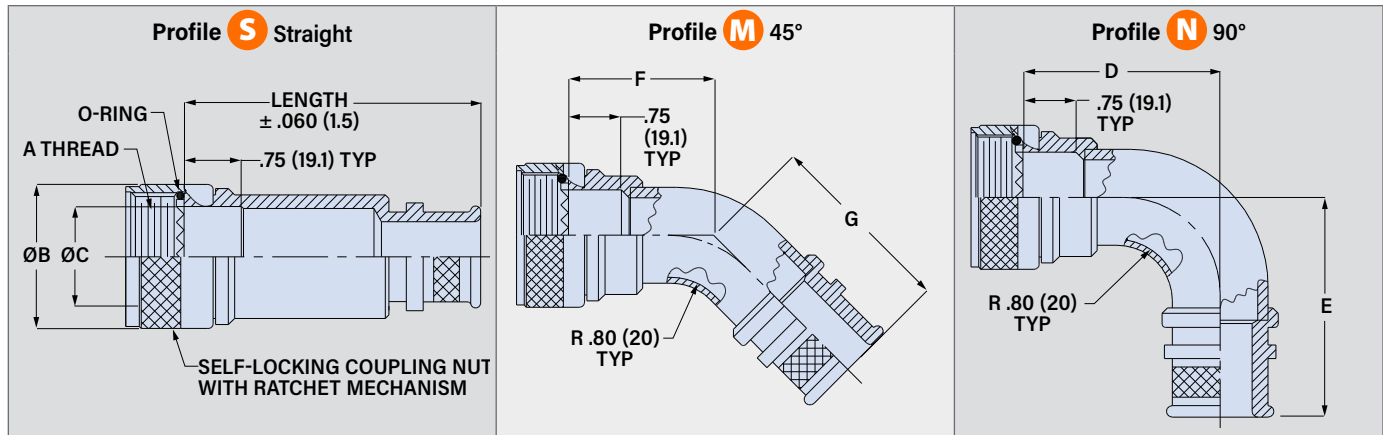
S Straight	M 45°	N 90°

PART NUMBER		440VS233	ME	10	06	M	-8	K	P	T			
Base P/N	Base Part No.	440VS233	ME	10	06	M	-8	K	P	T			
	Profile	S Straight											
		M 45°											
Material/Finish		N 90°											
		ME Alum/ Electroless Nickel											
		MT Alum/ Nickel-PTFE											
Shell Size		NF Alum/ Olive Drab Cadmium											
		ZR Alum/ Black Zinc-Nickel											
		TZ Alum/ Tin-Zinc											
		ZI SST/ Passivated											
Entry Size		07	08	09	10	11	12	14	16	18	20	22	24
		Entry Size											
		Inside Dia.											
		Shell Size											
		Entry Size	02	.125 (3.2)	7-24	11	.688 (17.5)	18-24					
		Inside Dia.	03	.188 (4.8)	7-24	12	.750 (19.1)	18-24					
		Shell Size	04	.250 (6.4)	7-24	13	.812 (20.6)	20-24					
		Entry Size	05	.312 (7.9)	10-24	14	.875 (22.2)	20-24					
		Inside Dia.	06	.375 (9.5)	10-24	15	.938 (23.8)	22-24					
		Shell Size	07	.438 (11.1)	12-24	16	1.000 (25.4)	22-24					
Band Platform		08	.500 (12.7)	12-24	17	1.062 (27.0)	24						
		09	.562 (14.3)	16-24	18	1.125 (28.6)	24						
		10	.625 (15.9)	16-24									
Length													
Band													
Polysulfide													
Shrink Boot													

Series 44 Banding Backshells

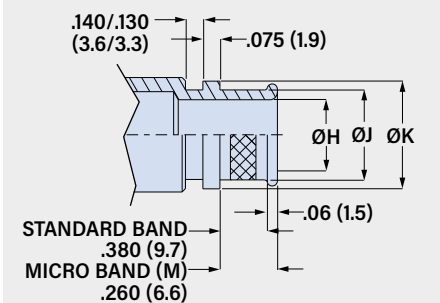
for Series 806 Mil-Aero Connectors

440V*233 Banding Backshell, Shrink Boot, Expanded Clearance



Shell Size	A Thread ISO Metric	ØB Max. in	mm	ØC ±.005 (0.1) in	mm	D Max. in	mm	E Max. in	mm	F Max. in	mm	G Max. in	mm	Max. Entry Size
07	M8 x 1.0-6H	.640	16.3	.209	53.1	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	04
08	M10 x 1.0-6H	.710	18.0	.269	6.8	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	04
09	M12 x 1.0-6H	.780	19.8	.346	8.8	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	04
10	M14 x 1.0-6H	.880	22.4	.410	10.4	1.955	49.7	1.945	49.4	1.460	37.1	1.450	36.8	06
11	M15 x 1.0-6H	.920	23.4	.471	12.0	1.955	49.7	1.945	49.4	1.460	37.1	1.450	36.8	06
12	M17 x 1.0-6H	1.000	25.4	.539	13.7	2.107	53.5	2.097	53.3	1.485	37.7	1.475	37.5	08
14	M19 x 1.0-6H	1.090	27.7	.592	15.0	2.107	53.5	2.097	53.3	1.485	37.7	1.475	37.5	08
16	M22 x 1.0-6H	1.210	30.7	.740	18.8	2.170	55.1	2.160	54.9	1.541	39.1	1.531	38.9	10
18	M25 x 1.0-6H	1.330	33.8	.856	21.7	2.275	57.8	2.265	57.5	1.580	40.1	1.570	39.9	12
20	M28 x 1.0-6H	1.450	36.8	.980	24.9	2.338	59.4	2.328	59.1	1.606	40.8	1.596	40.5	14
22	M31 x 1.0-6H	1.570	39.9	1.070	27.2	2.399	60.9	2.389	60.7	1.588	40.3	1.578	40.1	16
24	M34 x 1.0-6H	1.700	43.2	1.214	30.8	2.420	61.5	2.410	61.2	1.610	40.9	1.600	40.6	18

ENTRY SIZE



Entry Size	Shell Sizes	±.015 (0.4)		±.015 (0.4)		±.015 (0.4)	
		in	mm	in	mm	in	mm
02	8-24	.125	3.2	.250	6.4	.312	7.9
03	8-24	.188	4.8	.312	7.9	.374	9.5
04	8-24	.250	6.4	.375	9.5	.437	11.1
05	10-24	.312	7.9	.438	11.1	.500	12.7
06	10-24	.375	9.5	.500	12.7	.562	14.3
07	12-24	.438	11.1	.562	14.3	.624	15.8
08	12-24	.500	12.7	.625	15.9	.687	17.4
09	16-24	.562	14.3	.688	17.5	.750	19.1
10	16-24	.625	15.9	.750	19.1	.812	20.6
11	18-24	.688	17.5	.812	20.6	.874	22.2
12	18-24	.750	19.1	.875	22.2	.937	23.8
13	20-24	.812	20.6	.938	23.8	1.000	25.4
14	20-24	.875	22.2	1.000	25.4	1.062	27.0
15	22-24	.938	23.8	1.062	27.0	1.124	28.5
16	22-24	1.000	25.4	1.125	28.6	1.187	30.1
17	24	1.062	27.0	1.188	30.2	1.250	31.8
18	24	1.125	28.6	1.250	31.8	1.312	33.3

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection.

Code T, T1: Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C. Code T1 adds W1 hot melt adhesive precoat (-40 to +125 °C).

Code H, H1: Type 2 halogen-free polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. Operating temperature range -40 to +130 °C. Code H1 adds W1 hot melt adhesive precoat (-40 to +125 °C).



Entry Sizes	Shrink Boot P/N*	Zero Halogen Shrink Boot P/N*
02-03	770-003S111	770-003S211
04-05	770-001S112	770-001S212
06	770-001S103	770-001S203
07-11	770-001S104	770-001S204
12-15	770-001S105	770-001S205
16-17	770-001S106	770-001S206
18	770-001S107	770-001S207

* Add "W1" to the part number for adhesive lined boot

BAND

Optional Band-Master ATS® band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Standard Band
601-041

Standard Banding Tool
601-100

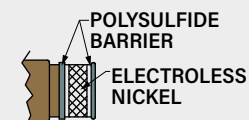
Micro Band
601-065

Micro Banding Tool
601-101

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

443V*042 Banding Backshell, Shrouded, Expanded Clearance

Self-Locking

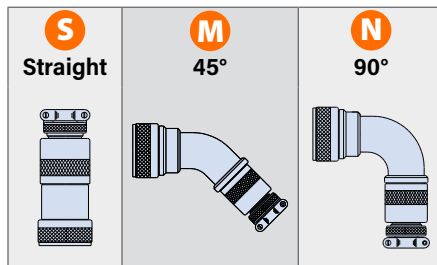


Prevents *splaying of size 8 twinax, quadax and octaxial contacts. Environmental. "Band-in-a-Can" shield termination. Saddle clamp.* 443V*042 banding backshell fits Glenair Series 806 Mil-Aero connectors. Backshell has increased clearance for sealing boots used with size 8 contacts. 45° and 90° profiles have large radius elbows for minimized bending of data cables. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (optional). Environmentally sealed with O-rings. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings and grommet. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

PROFILE SELECTION GUIDE



PART NUMBER

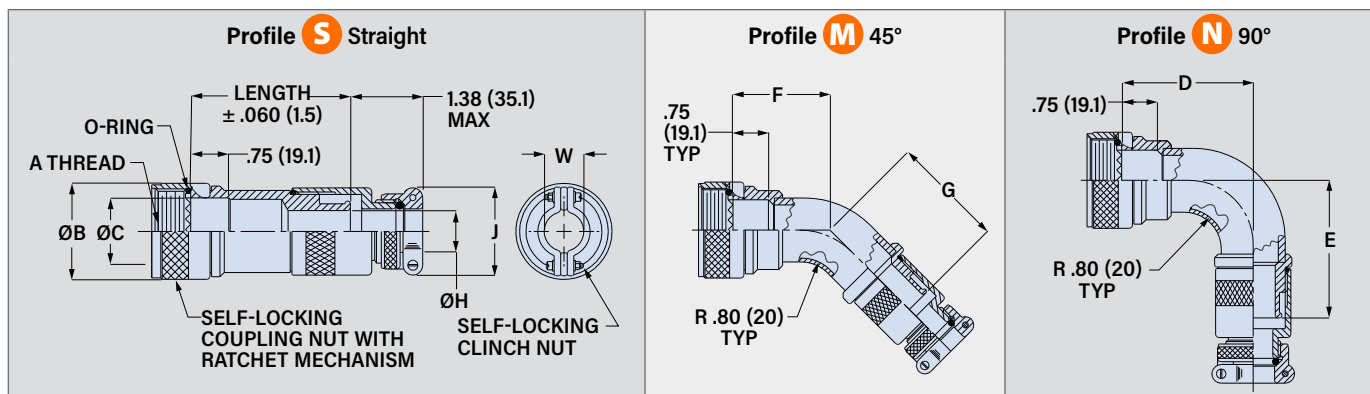
443VS042 ME 12 04 -8 K P

Base P/N	Base Part No.	Profile	
	443VS042 S	Straight	
	443VM042 M	45°	
	443VN042 N	90°	
Material / Finish	ME	Aluminum / Electroless Nickel	
	MT	Aluminum / Nickel-PTFE	
	NF	Aluminum / Olive Drab Cadmium	
	ZR	Aluminum / Black Zinc-Nickel	
	TZ	Aluminum / Tin-Zinc	
	ZI	Stainless Steel / Passivated	
Shell Size	07 08 09 10 11 12 14 16 18 20 22 24		
Entry Size	Size	Cable Range Min Max	Shell Sizes
	01	.125 (3.2) .250 (6.4)	7-24
	02	.188 (4.8) .375 (9.5)	10-24
	03	.312 (7.9) .438 (11.1)	11-24
	04	.343 (8.7) .500 (12.7)	12-24
	05	.438 (11.1) .625 (15.9)	16-24
	06	.562 (14.3) .750 (19.1)	18-24
	07	.688 (17.5) .875 (22.2)	20-24
	08	.812 (20.6) 1.000 (25.4)	22-24
09	.938 (23.8) 1.125 (28.6)	24	
Length	-8	2.0 in.	Length in ¼ inch increments, 2 inch min. Length Code applies to Profile S only. Omit for 45° and 90° profiles.
	-10	2.5 in.	
	-12	3.0 in.	
	-14	3.5 in.	
Band	Omit if not required		
	K	Pre-Coiled Band Included	
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.		
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier	

Series 44 Banding Backshells

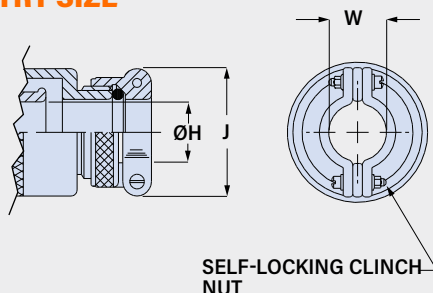
for Series 806 Mil-Aero Connectors

443V*042 Banding Backshell, Shrouded, Expanded Clearance



Shell Size	A Thread ISO Metric	øB Max. in mm	øC ±.005 (0.1) in mm	D Max. in mm	E Max. in mm	F Max. in mm	G Max. in mm	Max. Entry Size
07	M8 x 1.0-6H	.640 16.3	.209 53.1	1.893 48.1	1.903 48.3	1.433 36.4	1.443 36.7	01
08	M10 x 1.0-6H	.710 18.0	.269 6.8	1.893 48.1	1.903 48.3	1.433 36.4	1.443 36.7	01
09	M12 x 1.0-6H	.780 19.8	.346 8.8	1.893 48.1	1.903 48.3	1.433 36.4	1.443 36.7	01
10	M14 x 1.0-6H	.880 22.4	.410 10.4	1.955 49.7	1.965 49.9	1.460 37.1	1.470 37.3	02
11	M15 x 1.0-6H	.920 23.4	.471 12.0	1.955 49.7	1.965 49.9	1.460 37.1	1.470 37.3	02
12	M17 x 1.0-6H	1.000 25.4	.539 13.7	2.107 53.5	2.117 53.8	1.485 37.7	1.495 38.0	04
14	M19 x 1.0-6H	1.090 27.7	.592 15.0	2.107 53.5	2.117 53.8	1.485 37.7	1.495 38.0	04
16	M22 x 1.0-6H	1.210 30.7	.740 18.8	2.170 55.1	2.180 55.4	1.541 39.1	1.551 39.4	05
18	M25 x 1.0-6H	1.330 33.8	.856 21.7	2.275 57.8	2.285 58.0	1.580 40.1	1.590 40.4	06
20	M28 x 1.0-6H	1.450 36.8	.980 24.9	2.338 59.4	2.348 59.6	1.606 40.8	1.616 41.0	07
22	M31 x 1.0-6H	1.570 39.9	1.070 27.2	2.399 60.9	2.409 61.2	1.588 40.3	1.598 40.6	08
24	M34 x 1.0-6H	1.700 43.2	1.214 30.8	2.420 61.5	2.430 61.7	1.610 40.9	1.620 41.1	09

ENTRY SIZE



Entry Size	Cable Range		J Max. in mm	W Closed in mm	ø H in mm		Shell Sizes
	Min. in mm	Max. in mm			in mm	in mm	
01	.125 3.2	.250 6.4	1.05 26.7	.264 6.7	.25 6.4	8-24	
02	.188 4.8	.375 9.5	1.20 30.5	.344 8.7	.37 9.4	10-24	
03	.312 7.9	.438 11.1	1.30 33.0	.460 11.7	.43 10.9	11-24	
04	.343 8.7	.500 12.7	1.44 36.6	.545 13.8	.50 12.7	12-24	
05	.438 11.1	.625 15.9	1.69 42.9	.698 17.7	.62 15.7	16-24	
06	.562 14.3	.750 19.1	1.77 45.0	.780 19.8	.75 19.1	18-24	
07	.688 17.5	.875 22.2	2.12 53.8	.950 24.1	.87 22.1	20-24	
08	.812 20.6	1.000 25.4	2.50 63.5	1.015 25.8	1.00 25.4	22-24	
09	.938 23.8	1.125 28.6	2.62 66.5	1.187 30.1	1.12 28.4	24	

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.

The Band-Master ATS® Advanced Cable Shield Termination System provides excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band 601-041

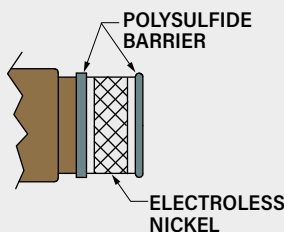


Banding Tool 601-100

POLYSULFIDE

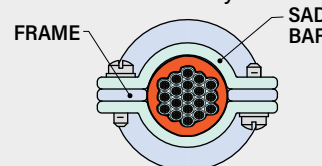
Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



APPLICATION NOTE

This backshell has a full radius saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

Series 44 Banding Backshells

for Series ITS, VG95234 Connectors

440R*030 Banding Backshell, Shrink Boot



Spin coupling. Band-Master ATS® shield termination. 440R*030 banding adapter fits Series ITS and most VG95234 reverse bayonet connectors. Terminate cable braid shield to adapter with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel, silicone O-ring.

Adapter Code R

This accessory fits these connectors:
Series ITS, most VG95234 connectors

PROFILE SELECTION GUIDE

S Straight

H 45°

J 90°

PART NUMBER

		440RS030	NF	18	06-	4	K	P	T	
Base P/N	Base Part No.									
	Profile									
	440RS030	S	Straight							
Material/Finish	440RH030	H	45°							
	440RJ030	J	90°							
	M	Alum/ Electroless Nickel								
	MT	Alum/ Nickel-PTFE								
	NF	Alum/ Olive Drab Cadmium								
	ZR	Alum/ Black Zinc-Nickel								
	TZ	Alum/ Tin-Zinc								
	ZI	SST/ Passivated								
Shell Size	Size Code	Shell Size	Size Code	Shell Size						
	10	10SL	24	24						
	14	14S	28	28						
	16	16, 16S	32	32						
	18	18	36	36						
	20	20	40	40						
	22	22								
Entry Size	See Table 1									
Length	3	1.5 inches								
	4	2.0 inches								
	5	2.5 inches								
	6	3.0 inches								
Band	Omit if not required									
	K	Pre-Coiled Band Included With Adapter								
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.									
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier								
Shrink Boot	Omit if not required									
	T	Shrink Boot Included With Adapter								
	S	Zero Halogen Shrink Boot Included With Adapter								

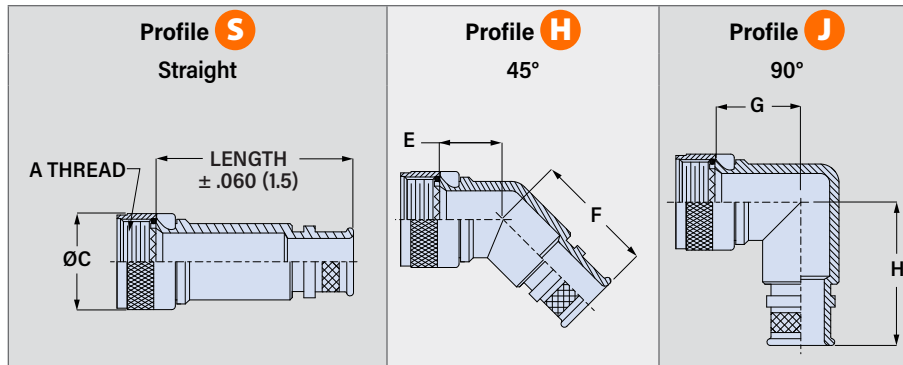
TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes	øN ±.015(0.4)		øP ±.015(0.4)		øR ±.015(0.4)		Entry Size	Shell Sizes	øN ±.015(0.4)		øP ±.015(0.4)		øR ±.015(0.4)	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
01	10-40	.125	3.2	.250	6.4	.312	7.9	07	20-40	.875	22.2	1.000	25.4	1.062	27.0
31	10-40	.188	4.8	.312	7.9	.375	9.5	37	22-40	.938	23.8	1.062	27.0	1.125	28.6
02	10-40	.250	6.4	.375	9.5	.438	11.1	08	20-40	1.000	25.4	1.125	28.6	1.188	30.2
32	10-40	.312	7.9	.438	11.1	.500	12.7	38	24-40	1.062	27.0	1.188	30.2	1.250	31.8
03	10-40	.375	9.5	.500	12.7	.562	14.3	09	28-40	1.125	28.6	1.250	31.8	1.312	33.3
33	14-40	.438	11.1	.562	14.3	.625	15.9	10	32-40	1.250	31.8	1.375	34.9	1.438	36.5
04	14-40	.500	12.7	.625	15.9	.687	17.4	11	32-40	1.375	34.9	1.500	38.1	1.562	39.7
34	14-40	.562	14.3	.688	17.5	.750	19.1	12	32-40	1.500	38.1	1.625	41.3	1.688	42.9
05	16-40	.625	15.9	.750	19.1	.812	20.6	13	36-40	1.625	41.3	1.750	44.5	1.812	46.0
35	18-40	.688	17.5	.812	20.6	.875	22.2	14	36-40	1.750	44.5	1.875	47.6	1.938	49.2
06	18-40	.750	19.1	.875	22.2	.938	23.8	15	40	1.875	47.6	2.000	50.8	2.062	52.4
36	20-40	.812	20.6	.938	23.8	1.000	25.4	16	40	2.000	50.8	2.125	54.0	2.188	55.6

Series 44 Banding Backshells

for Series ITS, VG95234 Connectors

440R*030 Banding Backshell, Shrink Boot



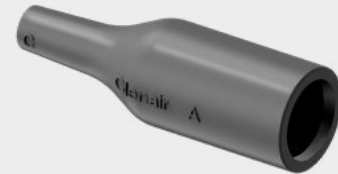
Shell Size Code	Shell Size	A Thread Class 2B	øC Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	Max. Entry Size
10	10SL	0.6250-24 UNEF	.850	21.6	.982	24.9	1.100	27.9	1.184	30.1	1.304	33.1	03
14	14S	0.7500-20 UNEF	1.000	25.4	.995	25.3	1.115	28.3	1.215	30.9	1.335	33.9	04
16	16, 16S	0.8750-20 UNEF	1.130	28.7	1.021	25.9	1.141	29.0	1.287	32.7	1.398	35.5	05
18	18	1.0000-20 UNEF	1.380	35.1	1.047	26.6	1.167	29.6	1.340	34.0	1.460	37.1	06
20	20	1.1250-18 UNEF	1.500	38.1	1.073	27.3	1.193	30.3	1.402	35.6	1.523	38.7	07
22	22	1.2500-18 UNEF	1.630	41.4	1.099	27.9	1.219	31.0	1.465	37.2	1.585	40.3	07
24	24	1.3750-18 UNEF	1.750	44.5	1.133	28.8	1.253	31.8	1.548	39.3	1.668	42.4	38
28	28	1.6250-18 UNEF	1.980	50.3	1.177	29.9	1.297	32.9	1.653	42.0	1.773	45.0	09
32	32	1.8750-16 UN	2.230	56.6	1.229	31.2	1.349	34.3	1.778	45.2	1.898	48.2	12
36	36	2.0625-16 UNS	2.480	63.0	1.267	32.2	1.387	35.2	1.871	47.5	1.991	50.6	14
40	40	2.3125-16 UNS	2.730	69.3	1.332	33.8	1.452	36.9	2.028	51.5	2.148	54.6	16

SHRINK BOOT

Optional heatshrink boot provides environmental protection and cable strain relief.

Code T: Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Operating temperature range -75 to +150 °C.

Code S: Type 2 halogen-free polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. Operating temperature range -40 to +130 °C.



Entry Sizes	Shrink Boot P/N	Zero Halogen Shrink Boot P/N
01-31	770-003S111	770-003S211
02	770-003S112	770-003S212
32-03	770-001S103	770-001S203
33-05	770-001S104	770-001S204
35-07	770-001S105	770-001S205
37-08	770-001S106	770-001S206
38-11	770-001S107	770-001S207
12-14	770-001S108	770-001S208
15-16	770-001S109	770-001S209

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Band
601-041

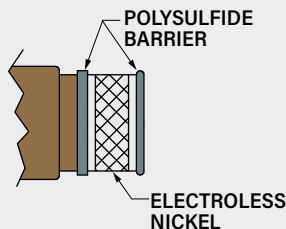


Banding Tool
601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only



Qwik-Ty® Strain Reliefs

Selection Guide

Series 45 Qwik-Ty® Strain Reliefs



Series 45 Qwik-Ty strain reliefs have an arm with a recess for attaching a cable tie (not supplied). Economical and fast-to-assemble, Qwik-Ty adapters are a good choice for high-volume, non-environmental applications. Qwik-Ty's are available for standard mil spec circular connectors, Series 80 Mighty Mouse and Series 806 Mil-Aero connectors.

Qwik-Ty's are available in straight, 45° and 90° profiles. Options include silicone rubber pads and ground lugs. Self-locking coupling nuts protect against loosening under vibration.

Lightweight, corrosion-proof **composite EMI Qwik-Ty's** have an internal "drop in" EMI banding adapter for terminating shield braid.

Composite braid sock Qwik-Ty's have a metal EMI adapter crimped to a user-specified length of shield braid. Braid choices include tinned or nickel-coated copper, along with lightweight, high strength AmberStrand® or ArmorLite® braid.

- Light weight, low profile
- Straight, 45° and 90° profiles
- Aluminum or corrosion-proof composite
- EMI banding adapters (composite versions)
- EMI braid sock adapters (composite versions)
- Self-locking coupling nuts

Styles



1 Spin Coupling



2 Self-Locking



3 Direct Coupling



4 Composite



5 Composite with Ground Lug



6 Composite with Banding Adapter



7 Composite with Braid Sock

Qwik-Ty® Strain Reliefs

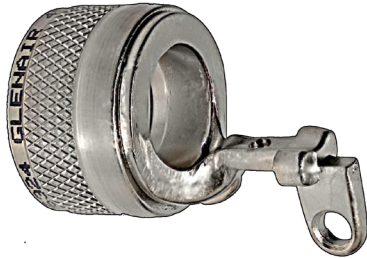
Selection Guide

<p>Adapter Code A AS50151 crimp AS95234 MIL-DTL-26482 Ser. II MIL-DTL-83723 Ser. III</p>						
	<p>Qwik-Ty Strain Relief, Spin Coupling 450A*001 Page 45-3</p>	<p>Qwik-Ty Strain Relief, Self-Locking 450A*043 Page 45-4</p>	<p>Qwik-Ty Strain Relief, Composite 450A*029 Page 45-5</p>	<p>Qwik-Ty Strain Relief, Composite, Ground Lug 450A*030 Page 45-6</p>	<p>Qwik-Ty Strain Relief, Composite, EMI Adapter 457A*044 Page 45-7</p>	<p>Qwik-Ty Strain Relief, Composite EMI Braid Socket 450A*047 Page 45-8</p>
<p>Adapter Code D MIL-DTL-26482 Series I</p>		<p>Adapter Code E MIL-DTL-26500</p>		<p>Adapter Code G MIL-DTL-28840</p>		
	<p>Qwik-Ty Strain Relief, Direct and Spin Coupling 450D*001 Page 45-24</p>		<p>Qwik-Ty Strain Relief, Direct and Spin Coupling 450E*001 Page 45-25</p>		<p>Qwik-Ty Strain Relief, Spin Coupling 450G*001 Page 45-26</p>	
<p>Adapter Code F MIL-DTL-38999 Series I and II</p>						
	<p>Qwik-Ty Strain Relief, Spin Coupling 450F*001 Page 45-10</p>	<p>Qwik-Ty Strain Relief, Self-Locking 450F*043 Page 45-11</p>	<p>Qwik-Ty Strain Relief, Composite 450F*029 Page 45-12</p>	<p>Qwik-Ty Strain Relief, Composite, Ground Lug 450F*030 Page 45-13</p>	<p>Qwik-Ty Strain Relief, Composite, EMI Adapter 457F*044 Page 45-14</p>	<p>Qwik-Ty Strain Relief, Composite EMI Braid Socket 450F*047 Page 45-15</p>
<p>Adapter Code H MIL-DTL-38999 Series III and IV</p>						
	<p>Qwik-Ty Strain Relief, Spin Coupling 450H*001 Page 45-17</p>	<p>Qwik-Ty Strain Relief, Self-Locking 450H*043 Page 45-18</p>	<p>Qwik-Ty Strain Relief, Composite 450H*029 Page 45-19</p>	<p>Qwik-Ty Strain Relief, Composite, Ground Lug 450H*030 Page 45-20</p>	<p>Qwik-Ty Strain Relief, Composite, EMI Adapter 457H*044 Page 45-21</p>	<p>Qwik-Ty Strain Relief, Composite EMI Braid Socket 450H*047 Page 45-22</p>
<p>Adapter Code M Series 80 Mighty Mouse</p>			<p>Adapter Code V Series 806 Mil-Aero</p>			
	<p>Qwik-Ty Strain Relief, Spin Coupling 450M*001 Page 45-27</p>	<p>Qwik-Ty Strain Relief, Series 805, Composite 450M*050 Page 45-28</p>		<p>Qwik-Ty Strain Relief, Composite, EMI Adapter 457V*048 Page 45-21</p>		

Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

450A*001 Qwik-Ty Strain Relief

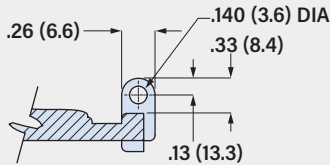


Lightweight,, economical, fast-to-install. 450A*001 Qwik-Ty® strain reliefs fit AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III connectors. Spin coupling. Secure wire bundle with plastic strap or lacing tape (not supplied). Optional ground lug provides thru-hole for attaching a ring terminal. Aluminum alloy.

Adapter Code A
 AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

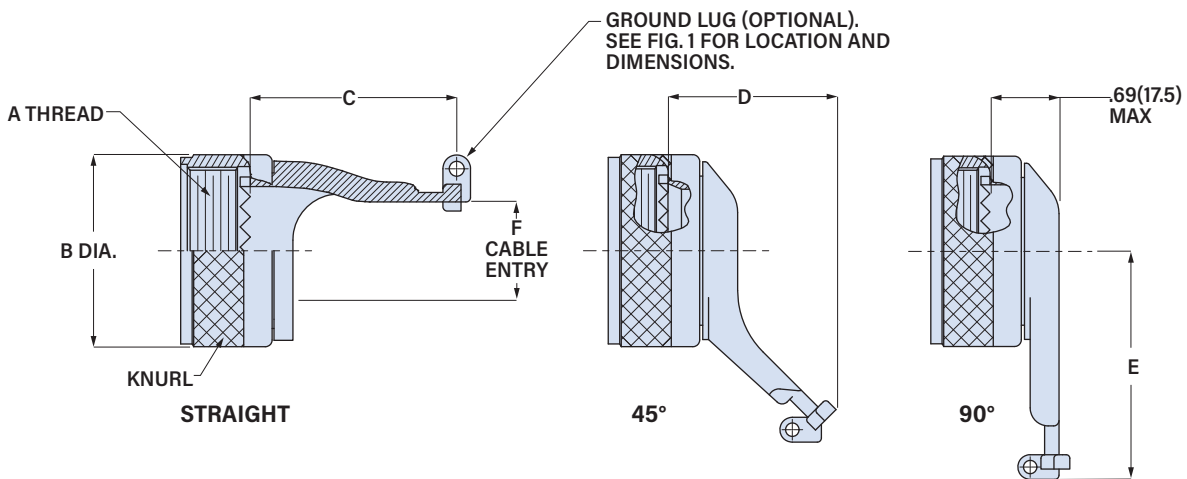
PART NUMBER		450AS001	M	18	G
Base P/N	450AS001	Straight			
	450AA001	90°			
	450AB001	45°			
Finish	C	Black Anodize			
	M	Electroless Nickel			
	NF	Olive Drab Cadmium			
	MT	Nickel-PTFE			
	ZR	Black Zinc-Nickel			
	TZ	Tin-Zinc			
Shell Size	08 10 12 14 16 18 20 22 24				
Ground Lug	<i>Omit if not required</i>				
	G	Ground Lug			

FIGURE 1: GROUND LUG



GROUND LUG LOCATION FOR STRAIGHT PROFILE, SHELL SIZE 14 AND LARGER

Shell Size	A Thread Class 2B	øB Max.		C Max.		D Max.		E Max.		F ±.015 (0.4)	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
08	0.500-20 UNF	.65	16.5	.866	22.0	1.066	27.1	.89	22.6	.260	6.6
10	0.625-24 UNEF	.77	19.6	.866	22.0	1.066	27.1	.95	24.1	.365	9.3
12	0.750-20 UNEF	.94	23.9	.926	23.5	1.066	27.1	1.01	25.7	.501	12.7
14	0.875-20 UNEF	1.02	25.9	1.106	28.1	1.188	30.2	1.33	33.8	.575	14.6
16	1.000-20 UNEF	1.21	30.7	1.106	28.1	1.226	31.1	1.39	35.3	.700	17.8
18	1.0625-18 UNEF	1.23	31.2	1.176	29.9	1.226	31.1	1.46	37.1	.779	19.8
20	1.1875-18 UNEF	1.36	34.5	1.306	33.2	1.226	31.1	1.51	38.4	.904	23.0
22	1.3125-18 UNEF	1.48	37.6	1.426	36.2	1.226	31.1	1.57	39.9	1.029	26.1
24	1.4375-18 UNEF	1.73	43.9	1.556	39.5	1.406	35.7	1.64	41.7	1.144	29.1





Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

450A*043 Qwik-Ty Strain Relief, Self-Locking

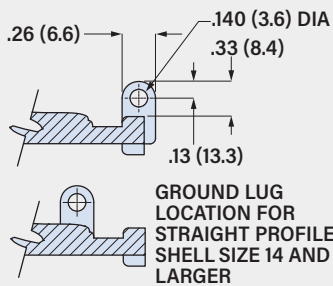
Self-Locking



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

FIGURE 1: GROUND LUG

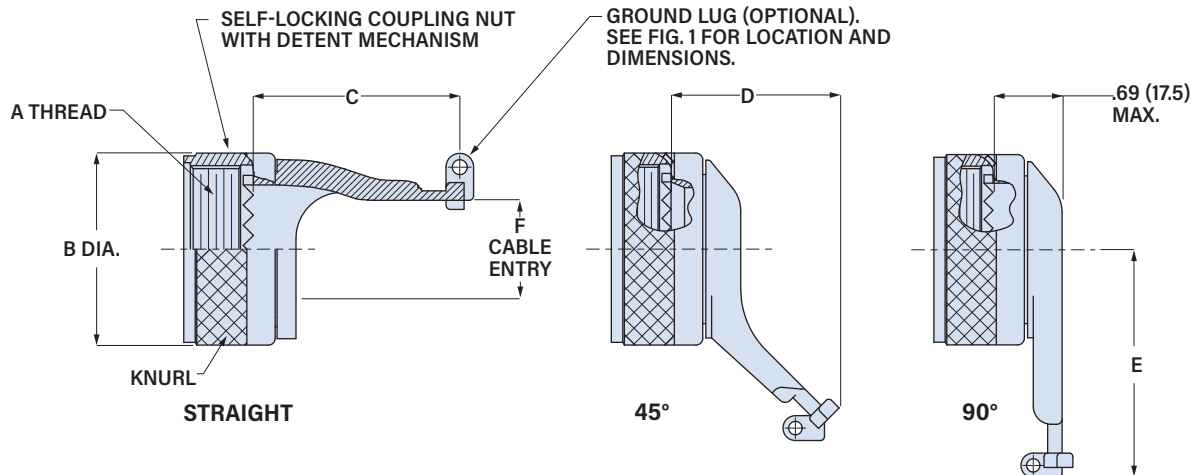


Lightweight, self-locking, fast-to-install. 450A*043 Qwik-Ty® clamps fit AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III connectors. Secure wire bundle to Qwik-Ty arm with plastic strap or lacing tape (not supplied). Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Optional ground lug for attachment of ring terminal. Aluminum alloy. Anti-decoupling spring is thermoplastic.

PART NUMBER

	450AS043	M	18	G
Base P/N	450AS043 Straight 450AA043 90° 450AB043 45°			
Finish	C Black Anodize M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE ZR Black Zinc-Nickel TZ Tin-Zinc			
Shell Size	08 10 12 14 16 18 20 22 24			
Ground Lug	Omit if not required G Ground Lug			

Shell Size	A Thread Class 2B	øB Max.		C Max.		D Max.		E Max.		F ±.015 (0.4)	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
08	0.500-20 UNF	.69	17.5	.95	24.1	1.19	30.2	.89	22.6	.260	6.6
10	0.625-24 UNEF	.82	20.8	1.00	25.4	1.19	30.2	.95	24.1	.365	9.3
12	0.750-20 UNEF	.94	23.9	1.02	25.9	1.19	30.2	1.01	25.7	.501	12.7
14	0.875-20 UNEF	1.06	26.9	1.19	30.2	1.32	33.5	1.33	33.8	.575	14.6
16	1.000-20 UNEF	1.17	29.7	1.19	30.2	1.32	33.5	1.39	35.3	.700	17.8
18	1.0625-18 UNEF	1.29	32.8	1.30	33.0	1.32	33.5	1.46	37.1	.779	19.8
20	1.1875-18 UNEF	1.42	36.1	1.43	36.3	1.32	33.5	1.51	38.4	.904	23.0
22	1.3125-18 UNEF	1.54	39.1	1.52	38.6	1.32	33.5	1.57	39.9	1.029	26.1
24	1.4375-18 UNEF	1.66	42.2	1.64	41.7	1.32	33.5	1.64	41.7	1.144	29.1

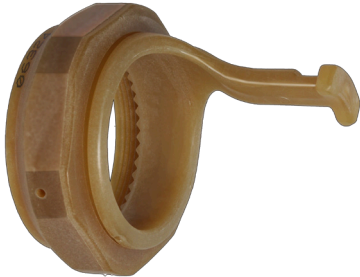


Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

450A*029 Qwik-Ty Strain Relief, Composite

Self-Locking



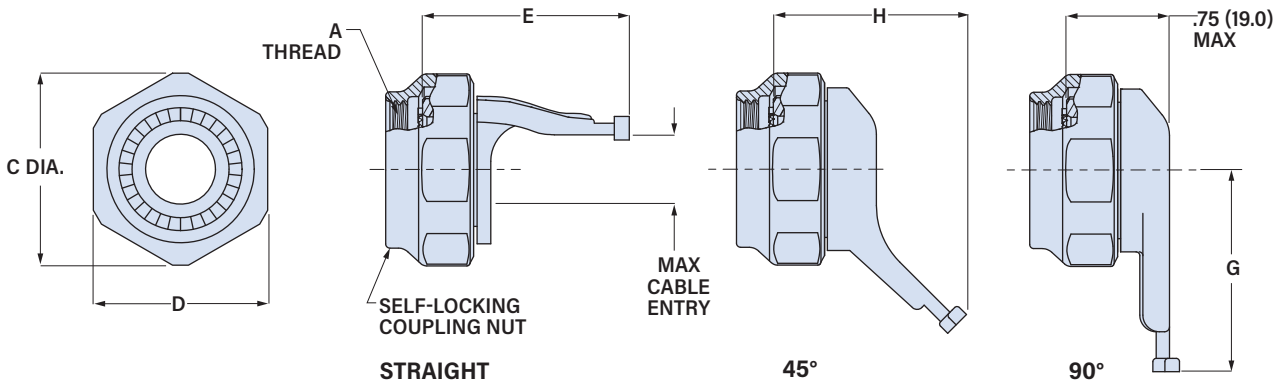
Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

Lightweight, self-locking, corrosion-proof. 450A*029 composite Qwik-Ty® clamps fit AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III connectors. High performance glass-reinforced material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° or 90°. Polyetherimide material with thermoplastic anti-decoupling spring.

PART NUMBER

		450AS029	XO	18
Base P/N	450AS029	Straight		
	450AA029	90°		
	450AB029	45°		
Finish	XB	No Plating, Color Black		
	XO	No Plating, Color Brown		
	XM	Electroless Nickel		
	XMT	Nickel-PTFE		
	XW	Olive Drab Cadmium		
	XZN	Black Zinc-Nickel		
Shell Size	08 10 12 14 16 18 20 22 24 28*			
	*Size 28 available straight and 90° only			



Shell Size	A Thread Class 2B	øC Max		D Hex Flats		E Max		G Max		H Max		Max Cable Entry	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
08	0.500-20 UNF	.86	21.8	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
10	0.625-24 UNEF	.98	24.9	.875	22.4	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	1.38	35.1	1.66	42.2	1.64	41.7	.63	16.0
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	1.38	35.1	1.72	43.7	1.64	41.7	.75	19.1
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	1.44	36.6	1.72	43.7	1.74	44.2	.81	21.8
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.57	39.9	1.79	45.5	1.74	44.2	.94	23.9
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.69	42.9	1.85	47.0	1.74	44.2	1.06	26.9
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.83	46.5	1.91	48.5	1.95	49.5	1.19	30.2
28	1.750-18 UNS	2.16	54.9	2.000	50.8	1.99	50.5	2.07	52.6	N/A	N/A	1.38	35.1



Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

450A*030 Qwik-Ty Strain Relief, Composite, with Ground Lug



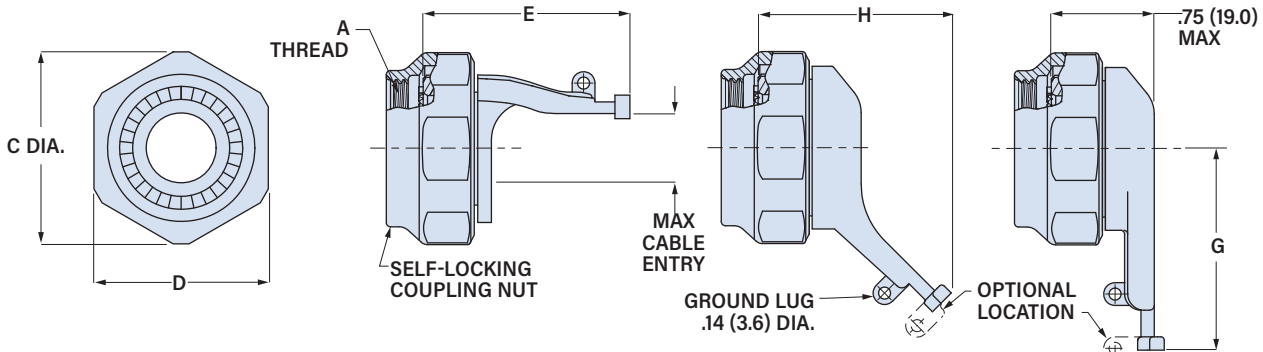
Self-Locking

Lightweight, self-locking, ground lug. 450A*030 Qwik-Ty® strain relief fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Metallized composite Qwik-Ty has ground lug for attaching a ring terminal with #4 screw. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). High performance composite thermoplastic material.

Adapter Code **A**
 AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PART NUMBER

	450AS030	XM	18
Base P/N	450AS030 Straight 450AA030 90° 450AB030 45°		
Finish	XM Electroless Nickel XMT Nickel-PTFE XW Olive Drab Cadmium XZN Black Zinc-Nickel		
Shell Size	08 10 12 14 16 18 20 22 24 28* <i>*Size 28 not available with 45° profileW</i>		



Shell Size	A Thread Class 2B	øC Max		D Hex Flats		E Max		G Max		H Max		Max Cable Entry	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
08	0.500-20 UNF	.86	21.8	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
10	0.625-24 UNEF	.98	24.9	.875	22.4	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	1.38	35.1	1.66	42.2	1.64	41.7	.63	16.0
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	1.38	35.1	1.72	43.7	1.64	41.7	.75	19.1
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	1.44	36.6	1.72	43.7	1.74	44.2	.81	21.8
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.57	39.9	1.79	45.5	1.74	44.2	.94	23.9
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.69	42.9	1.85	47.0	1.74	44.2	1.06	26.9
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.83	46.5	1.91	48.5	1.95	49.5	1.19	30.2
28	1.750-18 UNS	2.16	54.9	2.000	50.8	1.99	50.5	2.07	52.6	N/A	N/A	1.38	35.1

Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

457A*044 Qwik-Ty Strain Relief, Composite, with EMI Band Adapter

Self-Locking



Low profile. Light weight. Band-Master shield termination. 457A*044 Qwik-Ty® strain relief fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Terminate cable shield to adapter with Band-Master strap (purchased separately). "T" slots in adapter accept individual shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach wire bundle to arm with cable tie (not supplied). Optional rubber pad provides wire cushioning. Black thermoplastic body, coupling nut and detent spring, aluminum banding adapter, fluorosilicone spacer pad.

PART NUMBER

457AB044 M 12 P

Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

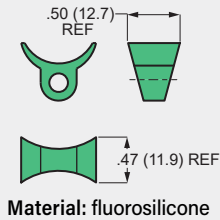
Base P/N **457AS044** Straight
457AA044 90°
457AB044 45°

Banding Adapter Finish **M** Electroless Nickel
NF Olive Drab Cadmium
MT Nickel-PTFE

Shell Size **08 10 12 14 16 18 20 22 24**

Rubber Spacer Pad *Omit if not required*
P Supplied with optional rubber spacer pad (fig. 1)

FIGURE 1: SPACER PAD

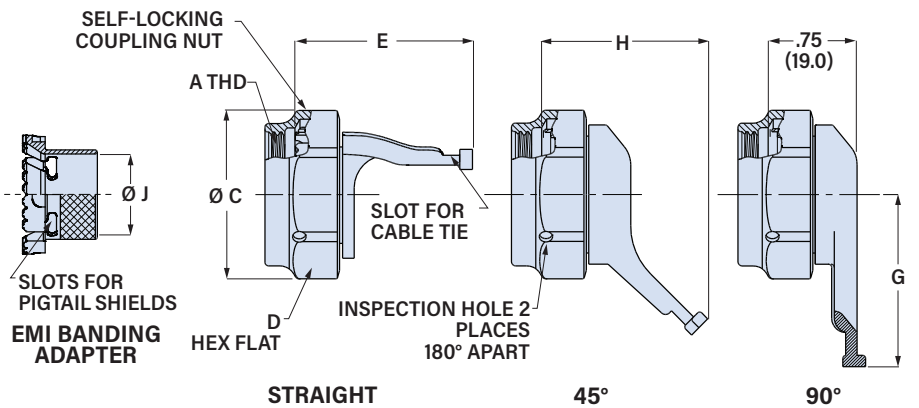


BANDING STRAP

Terminate cable braid to backshell with **banding strap**. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Diameter
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.88 (47.8)



Shell Size	A Thread Class 2B	øC Max		D Hex Flats		E Max		G Max		H Max		J ± .015 (0.4)	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
08	0.500-20 UNF	.86	21.8	.750	19.1	1.28	32.5	1.22	31.0	1.14	29.0	.140	3.6
10	0.625-24 UNEF	.98	24.9	.875	22.4	1.28	32.5	1.29	32.8	1.14	29.0	.270	6.9
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	1.44	36.6	1.62	41.1	1.14	29.0	.390	9.9
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	1.51	38.4	1.66	42.2	1.64	41.7	.512	13.0
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	1.51	38.4	1.72	43.7	1.64	41.7	.637	16.2
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	1.57	39.9	1.72	43.7	1.74	44.2	.757	19.2
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.71	43.4	1.79	45.5	1.74	44.2	.881	22.4
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.83	46.5	1.85	47.0	1.74	44.2	1.006	25.6
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.95	51.0	1.91	48.5	1.95	49.5	1.131	28.7

Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

450A*047 Qwik-Ty Strain Relief, Composite, with Braid Sock

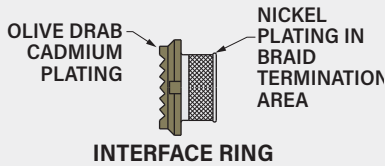
Self-Locking



Shielded. Self-locking. Composite. Qwik-Ty® strain relief has brass EMI adapter attached to 12 inches (30 cm) of shielding braid. Fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Coupling nut and body are glass fiber filled PEI, black color. Tin-plated copper alloy crimp ring. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° and 90° profiles.

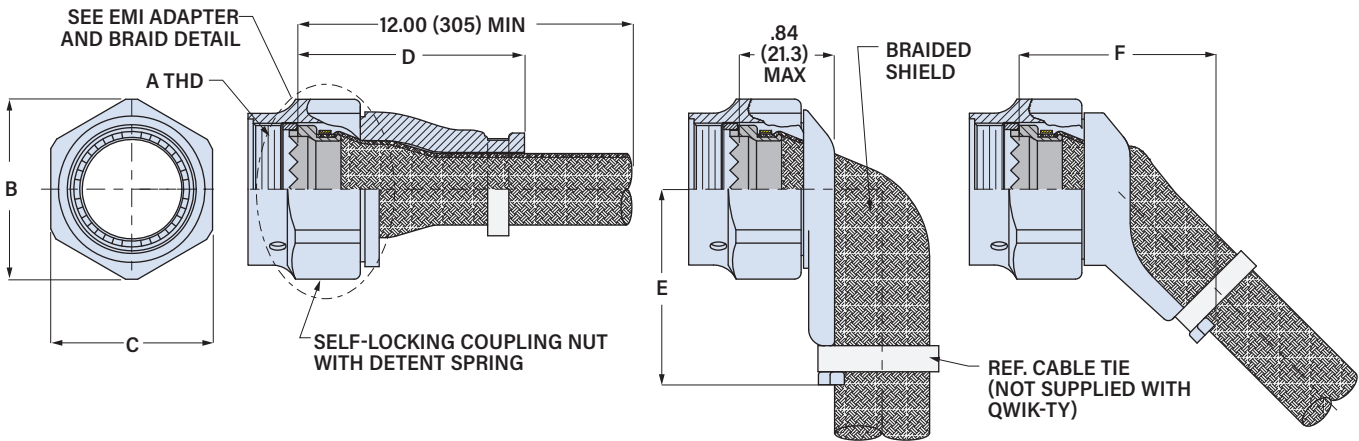
Adapter Code A
 AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

FIGURE 1: FINISH CODE XN



PART NUMBER

	450AS047	XB	10	L	R	14
Base P/N	450AS047 Straight 450AA047 90° 450AB047 45°					
EMI Adapter Finish	XB Electroless Nickel XMT Nickel/PTFE XN Olive Drab Cadmium, selective (fig.1)					
Shell Size	08 10 12 14 16 18 20 22 24					
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i> T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite®W Nickel/SST Braid					
Split Ring and Band	<i>Omit if not required</i> R Split ring and coiled band supplied with clamp					
Braid Length	<i>Omit for standard 12 inch length</i> 14 Length in 1 inch increments, 6 inch min. "14" = 14 inches.					



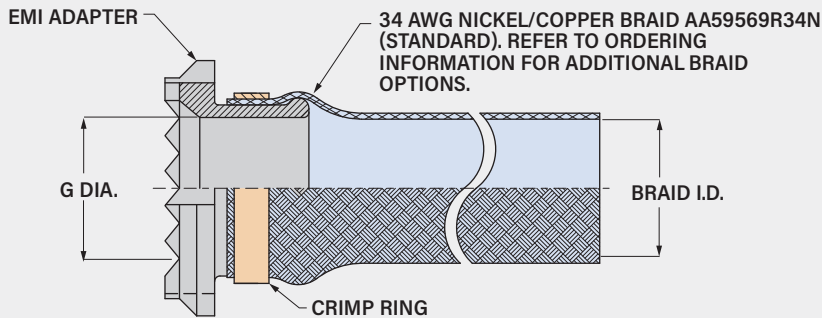
Shell Size	A		C		D Max		E Max		F Max	
	Thread Class 2B	øB Max In. mm.	Hex Flats In. mm.	Hex Flats In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.
08	0.500-20 UNF	.86 21.8	.750 19.1	1.55 39.4	1.47 37.3	1.39 35.3				
10	0.625-24 UNEF	.98 24.9	.875 22.4	1.55 39.4	1.54 39.1	1.39 35.3				
12	0.750-20 UNEF	1.16 29.5	1.000 25.4	1.79 45.5	1.87 47.5	1.39 35.3				
14	0.875-20 UNEF	1.28 32.5	1.125 28.6	1.79 45.5	1.91 48.5	1.89 48.0				
16	1.000-20 UNEF	1.41 35.8	1.250 31.8	1.94 49.3	1.97 50.0	1.89 48.0				
18	1.0625-18 UNEF	1.52 38.6	1.375 34.9	1.98 50.3	1.97 50.0	1.99 50.5				
20	1.1875-18 UNEF	1.64 41.7	1.500 38.1	2.16 54.9	2.04 51.8	1.99 50.5				
22	1.3125-18 UNEF	1.77 45.0	1.625 41.3	2.24 56.9	2.10 53.3	1.99 50.5				
24	1.4375-18 UNEF	1.89 48.0	1.750 44.5	2.40 61.0	2.16 54.9	2.20 55.9				

Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

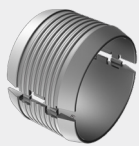
450A*047 Qwik-Ty Strain Relief, Composite, with Braid Sock

EMI ADAPTER AND BRAID DETAIL

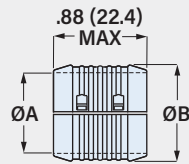


Shell Size	ø G		Braid I.D.	
	± .015 (0.4) In.	mm.	In.	mm.
08	.265	6.73	.375	9.53
10	.370	9.40	.375	9.53
12	.506	12.85	.500	12.70
14	.580	14.73	.500	12.70
16	.705	17.91	.781	19.84
18	.784	19.91	.781	19.84
20	.909	23.09	1.000	25.40
22	1.034	26.26	1.000	25.40
24	1.149	29.18	1.250	31.75

SUPPORT RING AND PRE-COILED BAND (R OPTION)



Optional split support ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap split ring over wire bundle, then overlap braid sock and cable braid. Install band around split ring and braid using *Band-Master ATS*® standard banding tool.



687-749 Split Ring



Banding Tool

Shell Size	Support Ring Part Number	øA		øB	
		± .030 (0.8) In.	mm.	± .030 (0.8) In.	mm.
08	687-749XB04	.25	6.4	.40	10.2
10	687-749XB06	.38	9.7	.53	13.5
12	687-749XB08	.50	12.7	.65	16.5
14	687-749XB10	.63	16.0	.78	19.8
16	687-749XB12	.75	19.1	.90	22.9
18	687-749XB14	.88	22.4	1.03	26.2
20	687-749XB16	1.00	25.4	1.15	29.2
22	687-749XB18	1.13	28.7	1.28	32.5
24	687-749XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

Body, coupling nut: polyetherimide (PEI)/no finish (black color)

EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.

Crimp ring: copper/tin

Anti-decoupling spring: high grade engineering thermoplastic

Split ring: polyetherimide, black color

Band strap: stainless steel

Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N

Code T: 34 AWG tin-coated copper, type AA59569R34T

Code A: *AmberStrand*® ultralightweight nickel-coated polymer

Code L: *ArmorLite*® microfilament nickel-coated 316L stainless steel

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series I and II Connectors

450F*001 Qwik-Ty Strain Relief

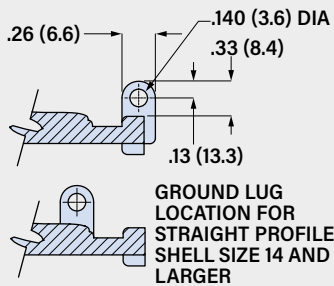


Lightweight, economical, fast-to-install. 450F*001 Qwik-Ty® strain reliefs fit MIL-DTL-38999 Series I and II connectors. Spin coupling. Secure wire bundle with plastic strap or lacing tape (not supplied). Optional ground lug provides thru-hole for attaching a ring terminal. Aluminum alloy.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

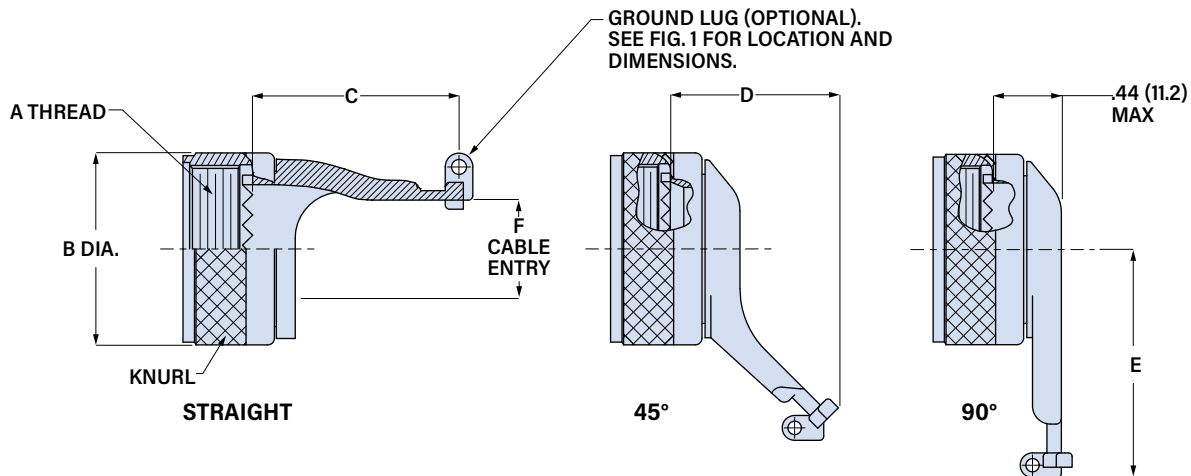
FIGURE 1 GROUND LUG



PART NUMBER

		450FS001	M	18	G					
Base P/N	450FS001	Straight								
	450FA001	90°								
	450FB001	45°								
Finish	C	Black Anodize								
	M	Electroless Nickel								
	NF	Olive Drab Cadmium								
	MT	Nickel-PTFE								
	ZR	Black Zinc-Nickel								
	TZ	Tin-Zinc								
Size Code		Shell Size								
	Series I	9	11	13	15	17	19	21	23	25
	Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Ground Lug	<i>Omit if not required</i>									
	G	Ground Lug								

Shell Size		A	øB Max.		C Max.		D Max.		E Max.		F ±.015 (0.4)	
Series I	Series II	Thread UNEF-2B	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
9	8	0.4375-28	.65	16.5	.866	22.0	1.066	27.1	.89	22.6	.250	6.4
11	10	0.5625-24	.77	19.6	.866	22.0	1.066	27.1	.95	24.1	.382	9.7
13	12	0.6875-24	.89	22.6	.925	23.5	1.066	27.1	1.07	27.2	.500	12.7
15	14	0.8125-20	1.02	25.9	1.102	28.0	1.188	30.2	1.33	33.8	.630	16.0
17	16	0.9375-20	1.15	29.2	1.102	28.0	1.224	31.1	1.39	35.3	.750	19.1
19	18	1.0625-18	1.23	31.2	1.177	29.9	1.224	31.1	1.48	37.6	.838	21.3
21	20	1.1875-18	1.36	34.5	1.307	33.2	1.224	31.1	1.66	42.2	.968	24.6
23	22	1.3125-18	1.48	37.6	1.425	36.2	1.224	31.1	1.85	47.0	1.090	27.7
25	24	1.4375-18	1.73	43.9	1.555	39.5	1.224	31.1	1.91	48.5	1.220	31.0



Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series I and II Connectors

450F*043 Qwik-Ty Strain Relief, Self-Locking

Self-Locking



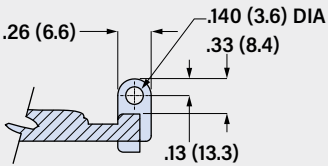
Lightweight, self-locking, fast-to-install. 450F*043 Qwik-Ty clamp fits MIL-DTL-38999 Series I and II connectors. Secure wire bundle to Qwik-Ty arm with plastic strap or lacing tape (not supplied). Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Optional ground lug for attachment of ring terminal. Aluminum alloy. Anti-decoupling spring is thermoplastic.

Adapter Code F
 This accessory fits these connectors:
 MIL-DTL-38999 Series I and Series II

PART NUMBER

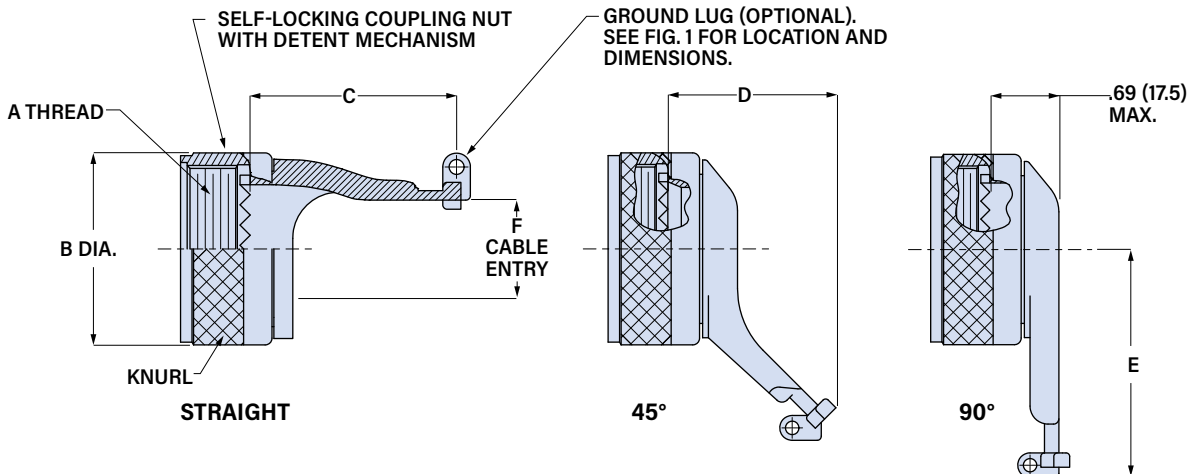
	450FS043	M	18	G																																							
Base P/N	450FS043 Straight 450FA043 90° 450FB043 45°																																										
Finish	C Black Anodize M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE ZR Black Zinc-Nickel TZ Tin-Zinc																																										
Size Code		<table border="1"> <tr> <td></td> <td colspan="8">Shell Size</td> </tr> <tr> <td>Series I</td> <td>9</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> <tr> <td>Series II</td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> <tr> <td>Size Code</td> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> </table>				Shell Size								Series I	9	11	13	15	17	19	21	23	25	Series II	8	10	12	14	16	18	20	22	24	Size Code	08	10	12	14	16	18	20	22	24
	Shell Size																																										
Series I	9	11	13	15	17	19	21	23	25																																		
Series II	8	10	12	14	16	18	20	22	24																																		
Size Code	08	10	12	14	16	18	20	22	24																																		
Ground Lug	Omit if not required G Ground Lug																																										

FIGURE 1: GROUND LUG



GROUND LUG LOCATION FOR STRAIGHT PROFILE, SHELL SIZE 14 AND LARGER

Shell Size	A Thread UNEF-2B	øB Max.		C Max.		D Max.		E Max.		F ±.015 (0.4)	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
8, 9	0.4375-28	.69	17.5	.95	24.1	1.19	30.2	.89	22.6	.260	6.6
10, 11	0.5625-24	.82	20.8	1.00	25.4	1.19	30.2	.95	24.1	.365	9.3
12, 13	0.6875-24	.94	23.9	1.02	25.9	1.19	30.2	1.01	25.7	.501	12.7
14,15	0.8125-20	1.06	26.9	1.19	30.2	1.32	33.5	1.33	33.8	.575	14.6
16, 17	0.9375-20	1.17	29.7	1.19	30.2	1.32	33.5	1.39	35.3	.700	17.8
18, 19	1.0625-18	1.29	32.8	1.30	33.0	1.32	33.5	1.46	37.1	.779	19.8
20, 21	1.1875-18	1.42	36.1	1.43	36.3	1.32	33.5	1.51	38.4	.904	23.0
22, 23	1.3125-18	1.54	39.1	1.52	38.6	1.32	33.5	1.57	39.9	1.029	26.1
24, 25	1.4375-18	1.66	42.2	1.64	41.7	1.32	33.5	1.64	41.7	1.144	29.1





Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series I and II Connectors

450F*029 Qwik-Ty, Self-Locking, Composite

Self-Locking



Lightweight, self-locking, corrosion-proof. 450F*029 composite Qwik-Ty® strain relief fits MIL-DTL-38999 Series I and II connectors. High performance glass-reinforced material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° or 90°. Polyetherimide material with thermoplastic anti-decoupling spring.

Adapter Code F

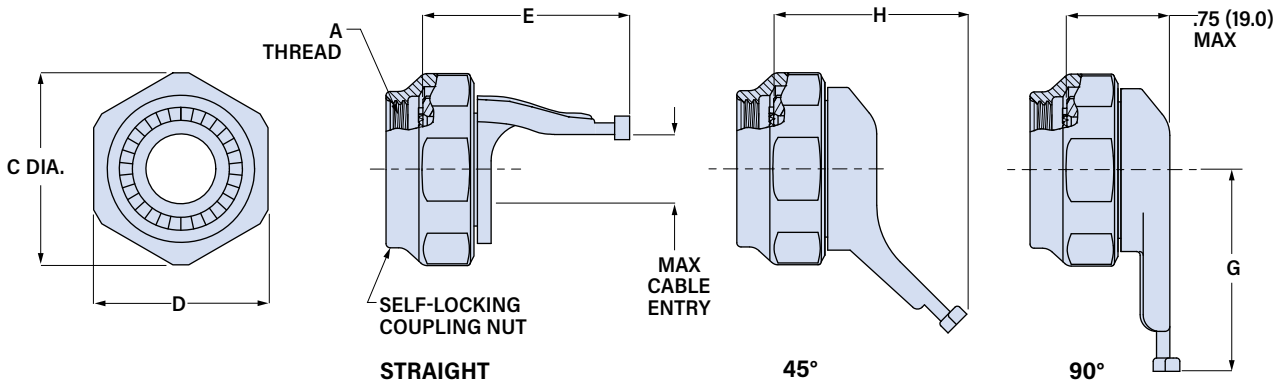
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PART NUMBER

450FS029 XO 18

Base P/N	450FS029 Straight
	450FA029 90°
	450FB029 45°
Material Color	XB No Plating, Color Black
	XO No Plating, Color Brown
	XM Electroless Nickel
	XMT Nickel-PTFE
	XW Olive Drab Cadmium
	XZN Black Zinc-Nickel

Size Code	Shell Size									
	Series I	9	11	13	15	17	19	21	23	25
	Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24



Shell Size	A Thread UNEF-2B	øC Max		D Hex Flats		E Max		G Max		H Max		Max Cable Entry	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
8, 9	0.4375-28	.86	21.8	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
10, 11	0.5625-24	.98	24.9	.875	22.4	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
12, 13	0.6875-24	1.16	29.5	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
14, 15	0.8125-20	1.28	32.5	1.125	28.6	1.38	35.1	1.66	42.2	1.64	41.7	.63	16.0
16, 17	0.9375-20	1.41	35.8	1.250	31.8	1.38	35.1	1.72	43.7	1.64	41.7	.75	19.1
18, 19	1.0625-18	1.52	38.6	1.375	34.9	1.44	36.6	1.72	43.7	1.74	44.2	.81	21.8
20, 21	1.1875-18	1.64	41.7	1.500	38.1	1.57	39.9	1.79	45.5	1.74	44.2	.94	23.9
22, 23	1.3125-18	1.77	45.0	1.625	41.3	1.69	42.9	1.85	47.0	1.74	44.2	1.06	26.9
24, 25	1.4375-18	1.89	48.0	1.750	44.5	1.83	46.5	1.91	48.5	1.95	49.5	1.19	30.2

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series I and II Connectors

450F*030 Qwik-Ty Strain Relief, Composite, with Ground Lug

Self-Locking



Lightweight, self-locking, ground lug. 450F*030 Qwik-Ty® strain relief fits MIL-DTL-38999 Series I and II connectors. Metallized composite Qwik-Ty has ground lug for attaching a ring terminal with #4 screw. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). High performance composite thermoplastic material.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

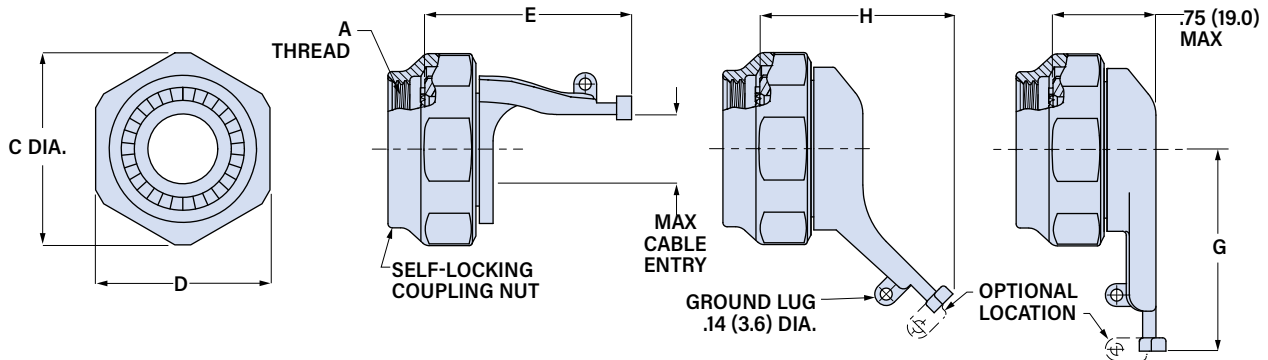
PART NUMBER

450FS030 XM 18

Base P/N
450FS030 Straight
450FA030 90°
450FB030 45°

Finish
XM Electroless Nickel
XMT Nickel-PTFE
XW Olive Drab Cadmium
XZN Black Zinc-Nickel

Size Code	Shell Size											
	Series I										Series II	
	9	11	13	15	17	19	21	23	25	8	10	
	08	10	12	14	16	18	20	22	24			



Shell Size	A Thread UNEF-2B	øC Max		D Hex Flats		E Max		G Max		H Max		Max Cable Entry	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
8, 9	0.4375-28	.86	21.8	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
10, 11	0.5625-24	.98	24.9	.875	22.4	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
12, 13	0.6875-24	1.16	29.5	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
14, 15	0.8125-20	1.28	32.5	1.125	28.6	1.38	35.1	1.66	42.2	1.64	41.7	.63	16.0
16, 17	0.9375-20	1.41	35.8	1.250	31.8	1.38	35.1	1.72	43.7	1.64	41.7	.75	19.1
18, 19	1.0625-18	1.52	38.6	1.375	34.9	1.44	36.6	1.72	43.7	1.74	44.2	.81	21.8
20, 21	1.1875-18	1.64	41.7	1.500	38.1	1.57	39.9	1.79	45.5	1.74	44.2	.94	23.9
22, 23	1.3125-18	1.77	45.0	1.625	41.3	1.69	42.9	1.85	47.0	1.74	44.2	1.06	26.9
24, 25	1.4375-18	1.89	48.0	1.750	44.5	1.83	46.5	1.91	48.5	1.95	49.5	1.19	30.2

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series I and II Connectors

457F*044 Qwik-Ty Strain Relief, Composite, with EMI Band Adapter

Self-Locking

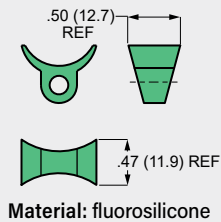


Low profile. Light weight. Band-Master shield termination. 457F*044 Qwik-Ty® strain relief fits MIL-DTL-38999 Series I and Series II connectors. Terminate cable shield to adapter with Band-Master strap (purchased separately). "T" slots in adapter accept individual shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach wire bundle to arm with cable tie (not supplied). Optional rubber pad provides wire cushioning. Black thermoplastic body, coupling nut and detent spring, aluminum banding adapter, fluorosilicone spacer pad.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

FIGURE 1: SPACER PAD



BANDING STRAP

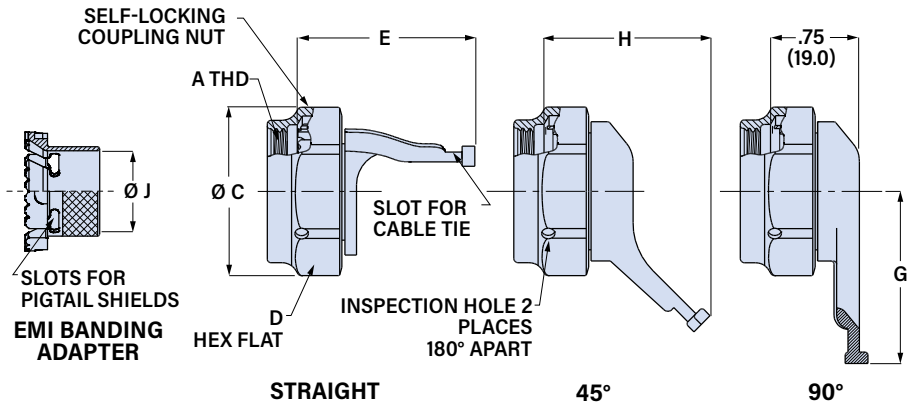
Terminate cable braid to backshell with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Diameter
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.88 (47.8)

PART NUMBER

	457FB044	M	12	P																																								
Base P/N	457FS044 Straight 457FA044 90° 457FB044 45°																																											
Banding Adapter Finish	M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE																																											
Size Code	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="8">Shell Size</th> </tr> <tr> <th>Series I</th> <th>9</th> <th>11</th> <th>13</th> <th>15</th> <th>17</th> <th>19</th> <th>21</th> <th>23</th> <th>25</th> </tr> <tr> <th>Series II</th> <th>8</th> <th>10</th> <th>12</th> <th>14</th> <th>16</th> <th>18</th> <th>20</th> <th>22</th> <th>24</th> </tr> <tr> <th>Size Code</th> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> </thead> </table>						Shell Size								Series I	9	11	13	15	17	19	21	23	25	Series II	8	10	12	14	16	18	20	22	24	Size Code	08	10	12	14	16	18	20	22	24
		Shell Size																																										
Series I	9	11	13	15	17	19	21	23	25																																			
Series II	8	10	12	14	16	18	20	22	24																																			
Size Code	08	10	12	14	16	18	20	22	24																																			
Rubber Spacer Pad	Omit if not required P Supplied with optional rubber spacer pad (fig. 1)																																											



Shell Size	A		D		E		G		H		J			
	Thread	UNE-F-2B	ØC Max	Hex Flats	Max	Max	Max	Max	Max	± .015 (0.4)				
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
8, 9	0.4375-28		.86	21.8	.750	19.1	1.28	32.5	1.22	31.0	1.14	29.0	.140	3.6
10, 11	0.5625-24		.98	24.9	.875	22.4	1.28	32.5	1.29	32.8	1.14	29.0	.270	6.9
12, 13	0.6875-24		1.16	29.5	1.000	25.4	1.44	36.6	1.62	41.1	1.14	29.0	.390	9.9
14, 15	0.8125-20		1.28	32.5	1.125	28.6	1.51	38.4	1.66	42.2	1.64	41.7	.512	13.0
16, 17	0.9375-20		1.41	35.8	1.250	31.8	1.51	38.4	1.72	43.7	1.64	41.7	.637	16.2
18, 19	1.0625-18		1.52	38.6	1.375	34.9	1.57	39.9	1.72	43.7	1.74	44.2	.757	19.2
20, 21	1.1875-18		1.64	41.7	1.500	38.1	1.71	43.4	1.79	45.5	1.74	44.2	.881	22.4
22, 23	1.3125-18		1.77	45.0	1.625	41.3	1.83	46.5	1.85	47.0	1.74	44.2	1.006	25.6
24, 25	1.4375-18		1.89	48.0	1.750	44.5	1.95	51.0	1.91	48.5	1.95	49.5	1.131	28.7

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series I and II Connectors

450F*047 Qwik-Ty Strain Relief, Composite, with Braid Sock

Self-Locking

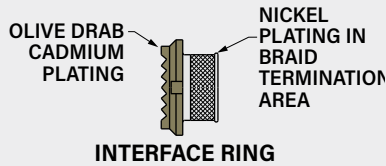


Shielded. Self-locking. Composite. Qwik-Ty® strain relief has brass EMI adapter attached to 12 inches (30 cm) of shielding braid. Fits MIL-DTL-38999 Series I and II connectors. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° and 90° profiles. Coupling nut and body are glass fiber filled PEI, black color. Tin-plated copper alloy crimp ring.

Adapter Code F

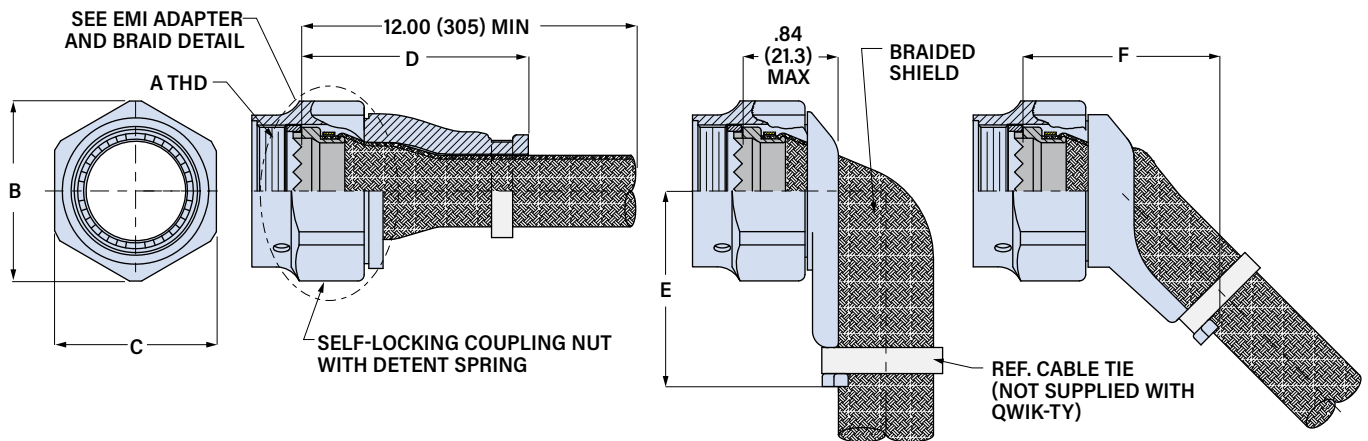
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

FIGURE 1: FINISH CODE XN



PART NUMBER

				450FS047	XB	10	L	R	14	
Base P/N	450FS047	Straight								
	450FA047	90°								
	450FB047	45°								
EMI Adapter Finish	XB	Electroless Nickel								
	XMT	Nickel/PTFE								
	XN	Olive Drab Cadmium, selective (fig.1)								
Size Code	Shell Size									
	Series I	9	11	13	15	17	19	21	23	25
	Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i>									
	T	34 AWG Tin/Copper Braid								
	A	AmberStrand® Nickel/Composite Braid								
	L	Microfilament ArmorLite® Nickel/SST Braid								
Split Ring and Band	<i>Omit if not required</i>									
	R	Split ring and coiled band supplied with clamp								
Braid Length	<i>Omit for standard 12 inch length</i>									
	14	Length in 1 inch increments, 6 inch min. "14" = 14 inches.								



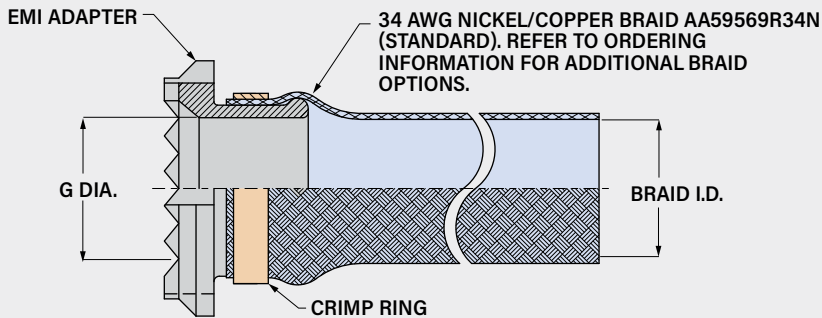
Shell Size	A Thread UNEF-2B	øB Max In.	mm.	C Flats In.	mm.	D Max In.	mm.	E Max In.	mm.	F Max In.	mm.
8, 9	0.4375-28	.86	21.8	.75	19.1	1.55	39.4	1.47	37.3	1.39	35.3
10, 11	0.5625-24	.98	24.9	.88	22.4	1.55	39.4	1.54	39.1	1.39	35.3
12, 13	0.6875-24	1.16	29.5	1.00	25.4	1.79	45.5	1.87	47.5	1.39	35.3
14, 15	0.8125-20	1.28	32.5	1.13	28.7	1.79	45.5	1.91	48.5	1.89	48.0
16, 17	0.9375-20	1.41	35.8	1.25	31.8	1.94	49.3	1.97	50.0	1.89	48.0
18, 19	1.0625-18	1.52	38.6	1.38	35.1	1.98	50.3	1.97	50.0	1.99	50.5
20, 21	1.1875-18	1.64	41.7	1.50	38.1	2.16	54.9	2.04	51.8	1.99	50.5
22, 23	1.3125-18	1.77	45.0	1.63	41.4	2.24	56.9	2.10	53.3	1.99	50.5
24, 25	1.4375-18	1.89	48.0	1.75	44.5	2.40	61.0	2.16	54.9	2.20	55.9

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series I and II Connectors

450F*047 Qwik-Ty Strain Relief, Composite, with Braid Sock

EMI ADAPTER AND BRAID DETAIL

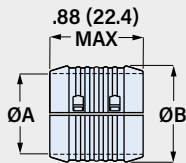


Shell Size	ø G Min.		Braid I.D.	
	In.	mm.	In.	mm.
8/9	.265	6.73	.375	9.53
10/11	.370	9.40	.375	9.53
12/13	.506	12.85	.500	12.70
14/15	.580	14.73	.500	12.70
16/17	.705	17.91	.781	19.84
18/19	.784	19.91	.781	19.84
20/21	.909	23.09	1.000	25.40
22/23	1.034	26.26	1.000	25.40
24/25	1.149	29.18	1.250	31.75

SUPPORT RING AND PRE-COILED BAND (R OPTION)



Optional split support ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap split ring over wire bundle and cable braid. Then overlap braid sock and cable braid. Install band around split ring and braid using **Band-Master ATS®** standard banding tool.



687-749 Split Ring



Banding Tool

Shell Size	Support Ring Part Number	øA		øB	
		± .030 (0.8) In.	± .030 (0.8) mm.	± .030 (0.8) In.	± .030 (0.8) mm.
8/9	687-749XB04	.25	6.4	.40	10.2
10/11	687-749XB06	.38	9.7	.53	13.5
12/13	687-749XB08	.50	12.7	.65	16.5
14/15	687-749XB10	.63	16.0	.78	19.8
16/17	687-749XB12	.75	19.1	.90	22.9
18/19	687-749XB14	.88	22.4	1.03	26.2
20/21	687-749XB16	1.00	25.4	1.15	29.2
22/23	687-749XB18	1.13	28.7	1.28	32.5
24/25	687-749XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

- Body, coupling nut: polyetherimide (PEI)/no finish (black color)
- EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.
- Crimp ring: copper/tin
- Anti-decoupling spring: high grade engineering thermoplastic
- Split ring: polyetherimide, black color
- Band strap: stainless steel
- Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N
 - Code T: 34 AWG tin-coated copper, type AA59569R34T
 - Code A: **AmberStrand®** ultralightweight nickel-coated polymer
 - Code L: **ArmorLite®** microfilament nickel-coated 316L stainless steel



Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series III and IV Connectors

450H*001 Qwik-Ty Strain Relief



Lightweight,, economical, fast-to-install. 450H*001 Qwik-Ty® strain reliefs fit MIL-DTL-38999 Series III and IV connectors. Spin coupling. Secure wire bundle with plastic strap or lacing tape (not supplied). Optional ground lug provides thru-hole for attaching a ring terminal. Aluminum alloy.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

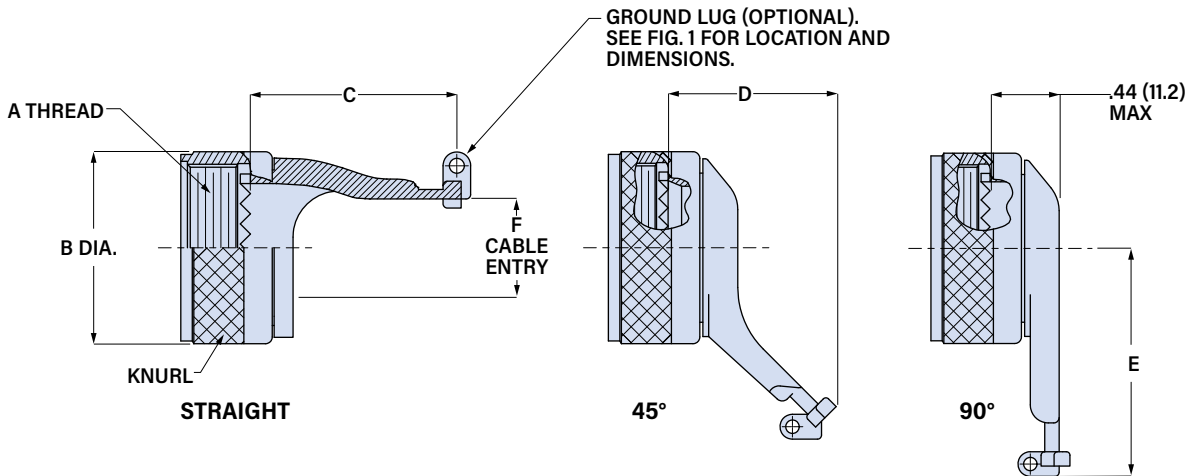
FIGURE 1 GROUND LUG

GROUND LUG LOCATION FOR STRAIGHT PROFILE, SHELL SIZE 14 AND LARGER

PART NUMBER

			450HS001	M	19	G				
Base P/N	450HS001	Straight								
	450HA001	90°								
	450HB001	45°								
Finish	C	Black Anodize								
	M	Electroless Nickel								
	NF	Olive Drab Cadmium								
	MT	Nickel-PTFE								
	ZR	Black Zinc-Nickel								
	TZ	Tin-Zinc								
Size Code	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Ground Lug	Omit if not required									
	G	Ground Lug								

Shell Size	A Thread	øB Max.		C Max.		D Max.		E Max.		F ± .015 (0.4)	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
9 (A)	M12X1.0-6H	.77	19.6	.866	22.0	1.066	27.1	.89	22.6	.250	6.4
11 (B)	M15X1.0-6H	.82	20.8	.866	22.0	1.066	27.1	.95	24.1	.382	9.7
13 (C)	M18X1.0-6H	.94	23.9	.925	23.5	1.066	27.1	1.07	27.2	.500	12.7
15 (D)	M22X1.0-6H	1.07	27.2	1.102	28.0	1.188	30.2	1.33	33.8	.630	16.0
17 (E)	M25X1.0-6H	1.21	30.7	1.102	28.0	1.224	31.1	1.39	35.3	.750	19.1
19 (F)	M28X1.0-6H	1.36	34.5	1.177	29.9	1.224	31.1	1.48	37.6	.838	21.3
21 (G)	M31X1.0-6H	1.48	37.6	1.307	33.2	1.224	31.1	1.66	42.2	.968	24.6
23 (H)	M34X1.0-6H	1.60	40.6	1.425	36.2	1.224	31.1	1.85	47.0	1.090	27.7
25 (J)	M37X1.0-6H	1.70	43.2	1.555	39.5	1.224	31.1	1.91	48.5	1.220	31.0



Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series III and IV Connectors

450H*043 Qwik-Ty Strain Relief, Self-Locking

Self-Locking

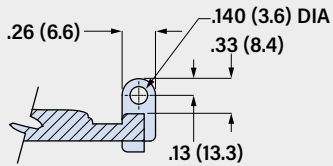


Lightweight, self-locking, fast-to-install. 450H*043 Qwik-Ty clamp fits MIL-DTL-38999 Series III and IV connectors. Secure wire bundle to Qwik-Ty arm with plastic strap or lacing tape (not supplied). Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Optional ground lug for attachment of ring terminal. Aluminum alloy. Anti-decoupling spring is thermoplastic.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

FIGURE 1: GROUND LUG

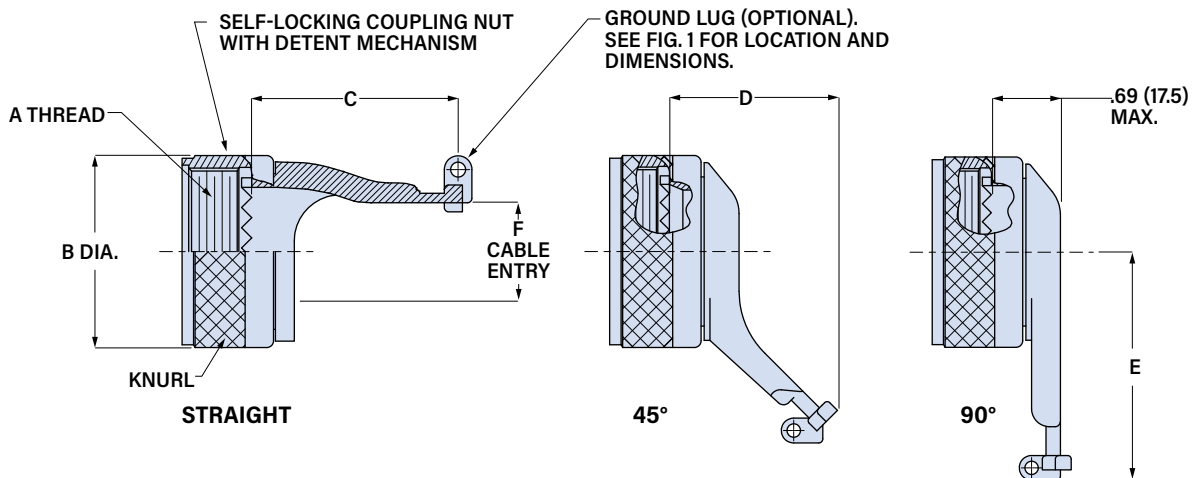


GROUND LUG LOCATION FOR STRAIGHT PROFILE, SHELL SIZE 14 AND LARGER

PART NUMBER

		450HS043	M	09	G					
Base P/N	450HS043	Straight								
	450HA043	90°								
	450HB043	45°								
Finish	C	Black Anodize								
	M	Electroless Nickel								
	NF	Olive Drab Cadmium								
	MT	Nickel-PTFE								
	ZR	Black Zinc-Nickel								
	TZ	Tin-Zinc								
Size Code	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Ground Lug	Omit if not required									
	G	Ground Lug								

Shell Size	A Thread	øB Max.		C Max.		D Max.		E Max.		F ±.015 (0.4)	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
9 (A)	M12X1.0-6H	.94	24.8	.95	24.1	1.19	30.2	.89	22.6	.250	6.4
11 (B)	M15X1.0-6H	1.06	26.9	1.00	25.4	1.19	30.2	.95	24.1	.382	9.7
13 (C)	M18X1.0-6H	1.17	29.7	1.02	25.9	1.19	30.2	1.01	25.7	.500	12.7
15 (D)	M22X1.0-6H	1.29	32.7	1.19	30.2	1.32	33.5	1.33	33.8	.630	16.0
17 (E)	M25X1.0-6H	1.42	36.1	1.19	30.2	1.32	33.5	1.39	35.3	.750	19.1
19 (F)	M28X1.0-6H	1.54	39.1	1.30	33.0	1.32	33.5	1.46	37.1	.838	21.3
21 (G)	M31X1.0-6H	1.67	42.4	1.43	36.3	1.32	33.5	1.51	38.4	.968	24.6
23 (H)	M34X1.0-6H	2.01	51.1	1.52	38.6	1.32	33.5	1.57	39.9	1.090	27.7
25 (J)	M37X1.0-6H	2.12	53.8	1.64	41.7	1.32	33.5	1.64	41.7	1.220	31.0



Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series III and IV Connectors

450H*029 Qwik-Ty, Self-Locking, Composite



Self-Locking

Lightweight, self-locking, corrosion-proof. 450H*029 composite Qwik-Ty® strain relief fits MIL-DTL-38999 Series III and IV connectors. High performance glass-reinforced material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° or 90°. Polyetherimide material with thermoplastic anti-decoupling spring.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

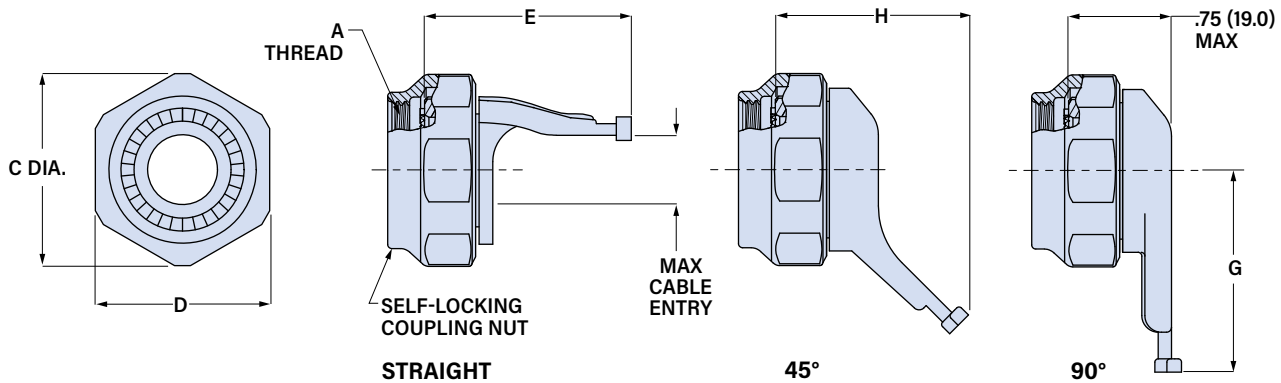
PART NUMBER

450HS029 XB 15

Base P/N
450HS029 Straight
450HA029 90°
450HB029 45°

Material Color
XB No Plating, Color Black
XO No Plating, Color Brown
XM Electroless Nickel
XMT Nickel-PTFE
XW Olive Drab Cadmium
XZN Black Zinc-Nickel

Size Code	Shell Size	9	11	13	15	17	19	21	23	25
		A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25



Shell Size	A Thread	øC Max		D Hex Flats		E Max		G Max		H Max		Max Cable Entry	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
11 (B)	M15X1.0-6H	.98	24.9	.875	22.4	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	1.38	35.1	1.66	42.2	1.64	41.7	.63	16.0
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	1.38	35.1	1.72	43.7	1.64	41.7	.75	19.1
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	1.44	36.6	1.72	43.7	1.74	44.2	.81	21.8
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	1.57	39.9	1.79	45.5	1.74	44.2	.94	23.9
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.69	42.9	1.85	47.0	1.74	44.2	1.06	26.9
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.83	46.5	1.91	48.5	1.95	49.5	1.19	30.2

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series III and IV Connectors

450H*030 Qwik-Ty Strain Relief, Composite, with Ground Lug



Self-Locking

Lightweight, self-locking, conductive. 450H*030 Qwik-Ty clamps fit MIL-DTL-38999 Series III and IV connectors. Metallized composite Qwik-Ty has ground lug for attaching a ring terminal with #4 screw. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included).

Adapter Code H

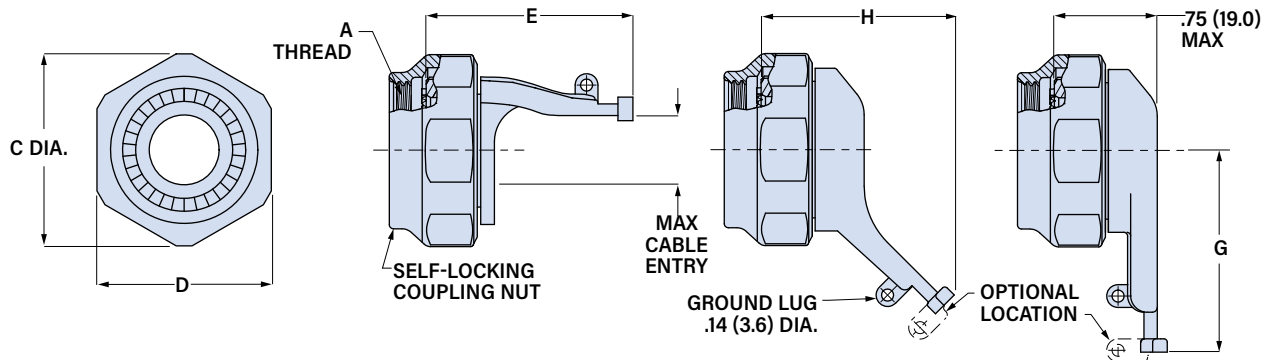
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PART NUMBER

450HS030 M 21

Base P/N	450HS030	Straight
	450HA030	90°
	450HB030	45°
Finish	XM	Electroless Nickel
	XMT	Nickel-PTFE
	XW	Olive Drab Cadmium
	XZN	Black Zinc-Nickel

Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25



Shell Size	A Thread	øC Max		D Hex Flats		E Max		G Max		H Max		Max Cable Entry	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
11 (B)	M15X1.0-6H	.98	24.9	.875	22.4	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	1.38	35.1	1.66	42.2	1.64	41.7	.63	16.0
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	1.38	35.1	1.72	43.7	1.64	41.7	.75	19.1
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	1.44	36.6	1.72	43.7	1.74	44.2	.81	21.8
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	1.57	39.9	1.79	45.5	1.74	44.2	.94	23.9
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.69	42.9	1.85	47.0	1.74	44.2	1.06	26.9
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.83	46.5	1.91	48.5	1.95	49.5	1.19	30.2

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series III and IV Connectors

457H*044 Qwik-Ty Strain Relief, Composite, with EMI Band Adapter

Self-Locking



Low profile. Light weight. Band-Master shield termination. 457H*044 Qwik-Ty® strain relief fits MIL-DTL-38999 Series III and Series IV connectors. Terminate cable shield to adapter with Band-Master strap (purchased separately). "T" slots in adapter accept individual shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach wire bundle to arm with cable tie (not supplied). Optional rubber pad provides wire cushioning. Black thermoplastic body, coupling nut and detent spring, aluminum banding adapter, fluorosilicone spacer pad.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

FIGURE 1: SPACER PAD

Material: fluorosilicone

BANDING STRAP

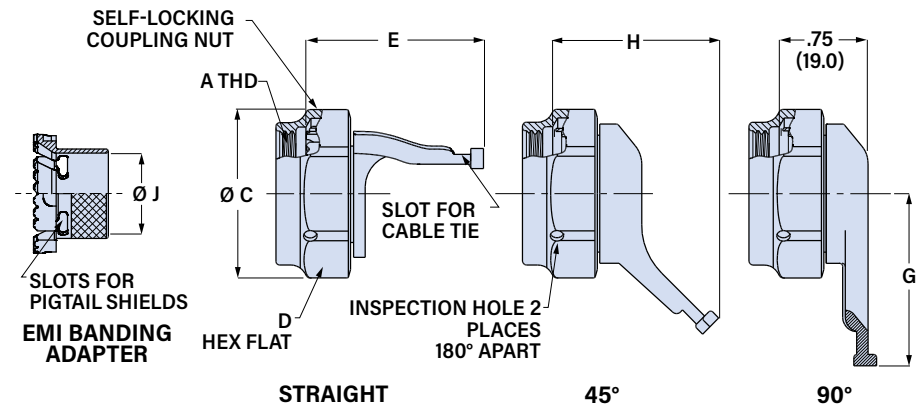
Terminate cable braid to backshell with **banding strap**. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.

Micro Band **Hand Tool 601-101**

Pre-Coiled Band P/N	Length	Max Diameter
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.88 (47.8)

PART NUMBER

		457HB044	M	11	P
Base P/N		457HS044 Straight 457HA044 90° 457HB044 45°			
Banding Adapter Finish		M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE			
Size Code	Shell Size	9 11 13 15 17 19 21 23 25			
		A B C D E F G H J			
	Size Code	09 11 13 15 17 19 21 23 25			
Spacer Pad		<i>Omit if not required</i> P Supplied with optional rubber spacer pad (fig. 1)			



Shell Size	A Thread	D		E Max	G Max	H Max	Cable Entry						
		ØC Max	Hex Flats										
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	1.28	32.5	1.22	31.0	1.14	29.0	.140	3.6
11 (B)	M15X1.0-6H	.98	24.9	.875	22.4	1.28	32.5	1.29	32.8	1.14	29.0	.270	6.9
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	1.44	36.6	1.62	41.1	1.14	29.0	.390	9.9
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	1.51	38.4	1.66	42.2	1.64	41.7	.512	13.0
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	1.51	38.4	1.72	43.7	1.64	41.7	.637	16.2
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	1.57	39.9	1.72	43.7	1.74	44.2	.757	19.2
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	1.71	43.4	1.79	45.5	1.74	44.2	.881	22.4
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.83	46.5	1.85	47.0	1.74	44.2	1.006	25.6
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.95	51.0	1.91	48.5	1.95	49.5	1.131	28.7

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series III and IV Connectors

450H*047 Qwik-Ty Strain Relief, Composite, with Braid Sock

Self-Locking

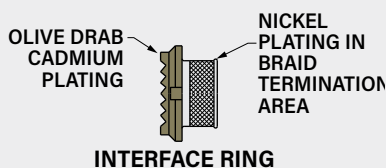


Shielded. Self-locking. Composite. Qwik-Ty® strain relief has brass EMI adapter attached to 12 inches (30 cm) of shielding braid. Fits MIL-DTL-38999 Series III and IV connectors. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° and 90° profiles. Coupling nut and body are glass fiber filled PEI, black color. Tin-plated copper alloy crimp ring.

Adapter Code H

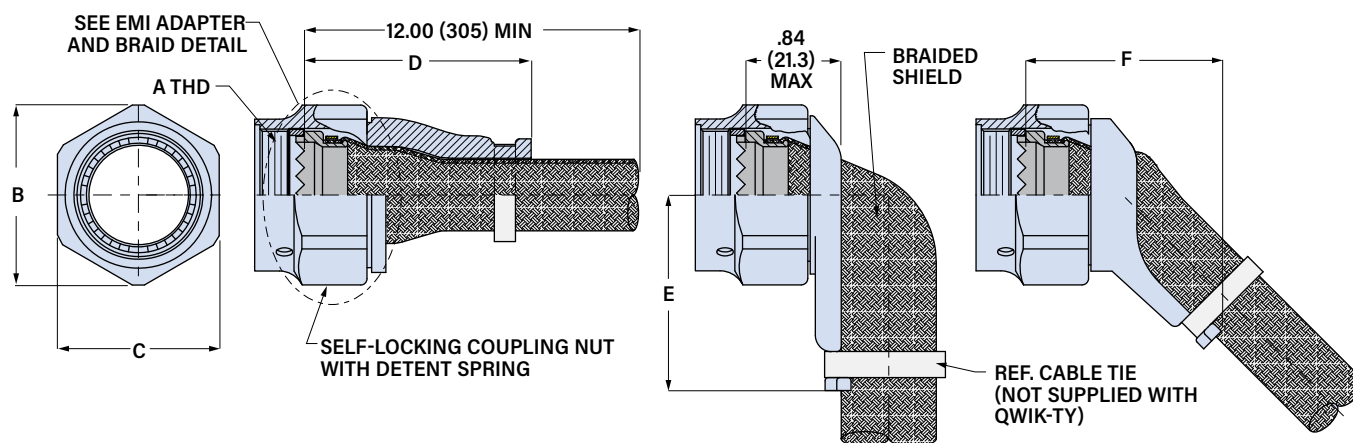
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

FIGURE 1: FINISH CODE XN



PART NUMBER

	450HS047	XB	13	L	R	14				
Base P/N	450HS047 Straight									
	450HA047 90°									
	450HB047 45°									
EMI Adapter Finish	XB Electroless Nickel									
	XMT Nickel/PTFE									
	XN Olive Drab Cadmium, selective (fig.1)									
Size Code	Shell Size	9	11	13	15	17	19	21	23	25
		A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25
Braid Type	Omit for standard 34 AWG nickel/copper braid									
	T	34 AWG Tin/Copper Braid								
	A	AmberStrand® Nickel/Composite Braid								
	L	Microfilament ArmorLite® Nickel/SST Braid								
Split Ring and Band	Omit if not required									
	R	Split ring and coiled band supplied with clamp								
Braid Length	Omit for standard 12 inch length									
	14	Length in 1 inch increments, 6 inch min. "14" = 14 inches.								



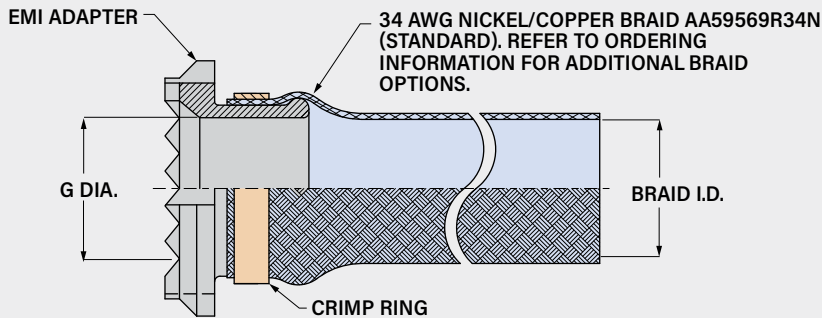
Shell Size	A Thread	øB Max In.	mm.	C Flats In.	mm.	D Max In.	mm.	E Max In.	mm.	F Max In.	mm.
9 (A)	M12X1.0-6H	.86	21.8	.75	19.1	1.55	39.4	1.47	37.3	1.39	35.3
11 (B)	M15X1.0-6H	.98	24.9	.88	22.4	1.55	39.4	1.54	39.1	1.39	35.3
13 (C)	M18X1.0-6H	1.16	29.5	1.00	25.4	1.79	45.5	1.87	47.5	1.39	35.3
15 (D)	M22X1.0-6H	1.28	32.5	1.13	28.7	1.79	45.5	1.91	48.5	1.89	48.0
17 (E)	M25X1.0-6H	1.41	35.8	1.25	31.8	1.94	49.3	1.97	50.0	1.89	48.0
19 (F)	M28X1.0-6H	1.52	38.6	1.38	35.1	1.98	50.3	1.97	50.0	1.99	50.5
21 (G)	M31X1.0-6H	1.64	41.7	1.50	38.1	2.16	54.9	2.04	51.8	1.99	50.5
23 (H)	M34X1.0-6H	1.77	45.0	1.63	41.4	2.24	56.9	2.10	53.3	1.99	50.5
25 (J)	M37X1.0-6H	1.89	48.0	1.75	44.5	2.40	61.0	2.16	54.9	2.20	55.9

Qwik-Ty® Strain Reliefs

for MIL-DTL-38999 Series III and IV Connectors

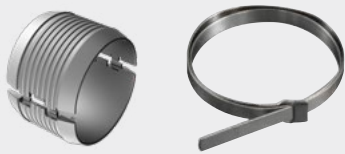
450H*047 EMI Qwik-Ty, Self-Locking, Composite, with Braid Sock

EMI ADAPTER AND BRAID DETAIL

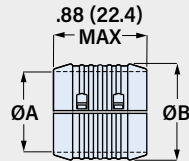


Shell Size	ø G Min. In.	mm.	Braid I.D. In.	mm.
08	.265	6.73	.375	9.53
10	.370	9.40	.375	9.53
12	.506	12.85	.500	12.70
14	.580	14.73	.500	12.70
16	.705	17.91	.781	19.84
18	.784	19.91	.781	19.84
20	.909	23.09	1.000	25.40
22	1.034	26.26	1.000	25.40
24	1.149	29.18	1.250	31.75

SUPPORT RING AND PRE-COILED BAND (R OPTION)



Optional split support ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap split ring over wire bundle, then overlap braid sock and cable braid. Install band around split ring and braid using **Band-Master ATS®** standard banding tool.



687-749 Split Ring



Banding Tool

Shell Size	Support Ring Part Number	øA		øB	
		± .030 (0.8) In.	mm.	± .030 (0.8) In.	mm.
9 (A)	687-749XB04	.25	6.4	.40	10.2
11 (B)	687-749XB06	.38	9.7	.53	13.5
13 (C)	687-749XB08	.50	12.7	.65	16.5
15 (D)	687-749XB10	.63	16.0	.78	19.8
17 (E)	687-749XB12	.75	19.1	.90	22.9
19 (F)	687-749XB14	.88	22.4	1.03	26.2
21 (G)	687-749XB16	1.00	25.4	1.15	29.2
23 (H)	687-749XB18	1.13	28.7	1.28	32.5
25 (J)	687-749XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

- Body, coupling nut: polyetherimide (PEI)/no finish (black color)
- EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.
- Crimp ring: copper/tin
- Anti-decoupling spring: high grade engineering thermoplastic
- Split ring: polyetherimide, black color
- Band strap: stainless steel
- Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N
 - Code T: 34 AWG tin-coated copper, type AA59569R34T
 - Code A: **AmberStrand®** ultralightweight nickel-coated polymer
 - Code L: **ArmorLite®** microfilament nickel-coated 316L stainless steel

Qwik-Ty® Strain Reliefs

for MIL-DTL-26482 Series I Connectors

450D*001 Qwik-Ty Strain Relief



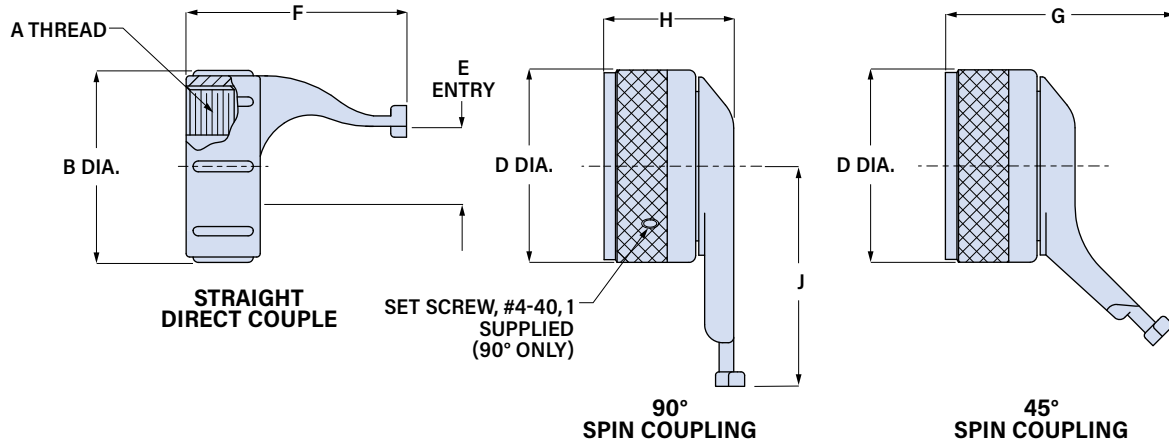
Lightweight, rugged, economical, fast-to-install. 450D*001 Qwik-Ty® strain relief fits Mil-DTL-26482 Series I connectors. Straight, 45° and 90° profiles. Straight profile is direct coupling, 45° and 90° are spin coupling. Secure with plastic strap or lacing tape (not included). Aluminum alloy.

Adapter Code D

This accessory fits MIL-DTL-26482 Series I connectors

PART NUMBER

	450DS001	C	10
Base P/N	450DS001 Straight 450DA001 90° 450DB001 45°		
Finish	C Black Anodize M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE ZR Black Zinc-Nickel TZ Tin-Zinc		
Shell Size	08 10 12 14 16 18 20 22 24		



Shell Size	A Thread UNEF-2B	øB Max.		øD Max.		± .015 (0.4) E		F Max.		G Max.		H Max.		J Max.	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
08	0.4375-28	.59	15.0	.77	19.6	.275	7.0	1.40	35.6	1.85	47.0	1.24	31.5	.88	22.4
10	0.5625-24	.72	18.3	.89	22.6	.402	10.2	1.40	35.6	1.85	47.0	1.24	31.5	.94	23.9
12	0.6875-24	.84	21.3	1.02	25.9	.516	13.1	1.40	35.6	1.85	47.0	1.24	31.5	1.00	25.4
14	0.8125-20	.97	24.6	1.15	29.2	.651	16.5	1.61	40.9	2.35	59.7	1.23	31.2	1.32	33.5
16	0.9375-20	1.09	27.7	1.26	32.0	.766	19.5	1.61	40.9	2.35	59.7	1.23	31.2	1.38	35.1
18	1.0625-18	1.22	31.0	1.40	35.6	.872	22.1	1.61	40.9	2.44	62.0	1.26	32.0	1.46	37.1
20	1.1875-18	1.34	34.0	1.53	38.9	.997	25.3	1.68	42.7	2.51	63.8	1.26	32.0	1.51	38.4
22	1.3125-18	1.47	37.3	1.60	40.6	1.125	28.6	1.68	42.7	2.51	63.8	1.26	32.0	1.56	39.6
24	1.4375-18	1.59	40.4	1.94	49.3	1.247	31.7	1.77	45.0	2.65	67.3	1.26	32.0	1.63	41.4



Qwik-Ty® Strain Reliefs

for MIL-DTL-26500 Connectors

450E*001 Qwik-Ty Strain Relief

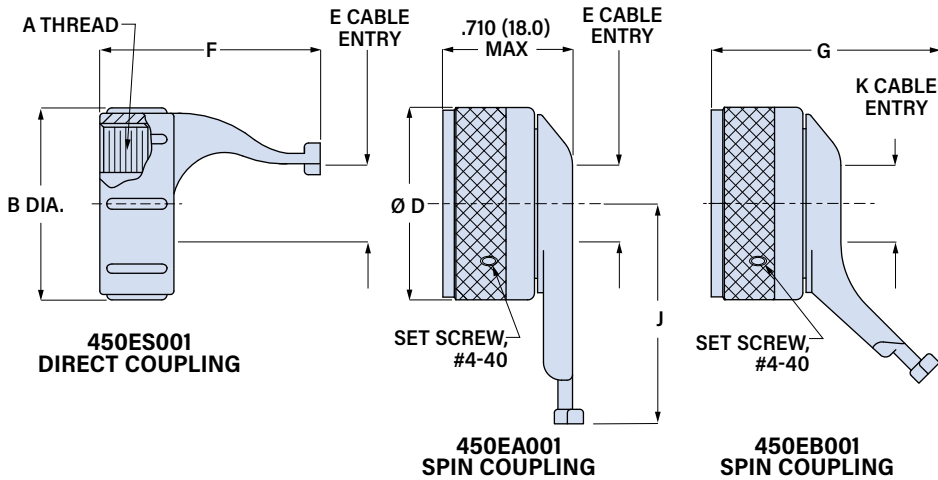


Lightweight, rugged, economical, fast-to-install. Qwik-Ty® strain relief fits Mil-DTL-26500 connectors. Straight, 45° and 90° profiles. Straight profile is direct coupling, 45° and 90° are spin coupling. 45° and 90° profiles have a set screw to lock coupling nut. Secure wire bundle with plastic strap or lacing tape (not included). Aluminum alloy.

Adapter Code E
This accessory fits MIL-DTL-26500 connectors

PART NUMBER

	450ES001	NF	14
Base P/N	450ES001 Straight, Direct Coupling 450EA001 90°, Spin Coupling 450EB001 45°, Spin Coupling		
Finish	C Black Anodize M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE ZR Black Zinc-Nickel TZ Tin-Zinc		
Shell Size	08 10 12 14 16 18 20 22 24		



Shell Size	A		øB Max.		øD Max.		E		F Max.		G Max.		J Max.		K	
	Thread	UNE-F-2B	In.	mm.	In.	mm.	± .015 (0.4)	mm.	In.	mm.	In.	mm.	In.	mm.	± .015 (0.4)	mm.
08	0.4375-28		.59	15.0	.77	19.6	.250	6.4	1.06	26.9	1.32	33.5	.95	24.1	.355	9.0
10	0.5625-24		.72	18.3	.89	22.6	.382	9.7	1.06	26.9	1.44	36.6	1.01	25.7	.465	11.8
12	0.7500-24		.97	24.6	1.02	25.9	.500	12.7	1.06	26.9	1.58	40.1	1.33	33.8	.625	15.9
14	0.8125-20		.97	24.6	1.15	29.2	.630	16.0	1.31	33.3	1.60	40.6	1.39	35.3	.695	17.7
16	0.9375-20		1.09	27.7	1.26	32.0	.750	19.1	1.31	33.3	1.60	40.6	1.46	37.1	.810	20.6
18	1.0625-18		1.22	31.0	1.40	35.6	.838	21.3	1.31	33.3	1.63	41.4	1.51	38.4	.942	23.9
20	1.1875-18		1.34	34.0	1.53	38.9	.968	24.6	1.31	33.3	1.63	41.4	1.57	39.9	1.079	27.4
22	1.3125-18		1.47	37.3	1.60	40.6	1.090	27.7	1.31	33.3	1.63	41.4	1.64	41.7	1.079	27.4
24	1.4375-18		1.59	40.4	1.94	49.3	1.220	31.0	1.31	33.3	1.63	41.4	1.71	43.4	1.300	33.0

Qwik-Ty® Strain Reliefs

for MIL-DTL-28840 Connectors

450G*001 Qwik-Ty Strain Relief



Lightweight, rugged, economical. 450G*001 Qwik-Ty® strain relief fits MIL-DTL-28840 connectors. Spin coupling. Secure wire bundle with plastic strap or lacing tape (not included). Coupling nut has safety wire holes. Aluminum alloy.

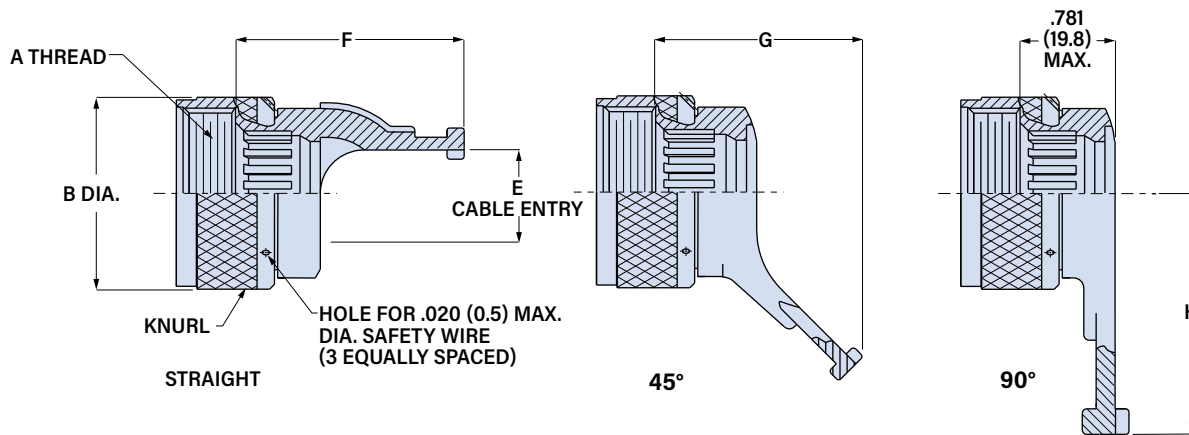
Adapter Code **G**

This accessory fits MIL-DTL-28840 connectors

PART NUMBER

450GS001 TZ 15

Base P/N	450GS001 Straight									
	450GA001 90°									
	450GB001 45°									
Finish	C Black Anodize									
	M Electroless Nickel									
	NF Olive Drab Cadmium									
	MT Nickel-PTFE									
	ZR Black Zinc-Nickel									
	TZ Tin-Zinc									
Size Code	Shell Size	11	13	15	17	19	23	25	29	33
		A	B	C	D	E	F	G	H	J
	Size Code	11	13	15	17	19	23	25	N/A	N/A



Shell Size	A Thread	øB Max.		F Max.		E ± .015 (0.4)		G Max.		H Max.	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
A (11)	M12X1.0-6H	.94	23.9	1.226	31.1	.362	9.2	.896	22.8	1.094	27.8
B (13)	M15X1.0-6H	1.02	25.9	1.396	35.5	.497	12.6	1.076	27.3	1.348	34.2
C (15)	M18X1.0-6H	1.21	30.7	1.396	35.5	.642	16.3	1.076	27.3	1.411	35.8
D (17)	M22X1.0-6H	1.36	34.5	1.596	40.5	.739	18.8	1.071	27.2	1.684	42.8
E (19)	M25X1.0-6H	1.53	38.9	1.726	43.8	.871	22.1	1.071	27.2	1.870	47.5
F (23)	M28X1.0-6H	1.73	43.9	1.856	47.1	1.068	27.1	1.131	28.7	1.928	49.0
G (25)	M31X1.0-6H	1.82	46.2	1.894	48.1	1.200	30.5	1.170	29.7	1.928	49.0

Qwik-Ty® Strain Reliefs

for Series 80 Mighty Mouse Connectors

450M*001 Qwik-Ty, Spin Coupling



Lightweight, fast-to-install. 450M*001 Qwik-Ty® strain relief fits Series 80 Mighty Mouse connectors. Spin coupling. Secure wire bundle with plastic strap or lacing tape (not included). Optional ground lug provides thru-hole for attaching a ring terminal. Aluminum alloy.

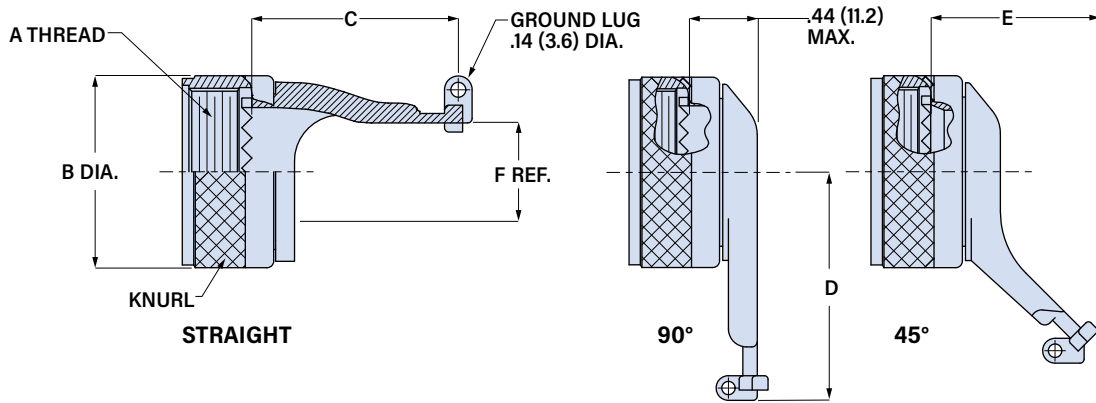
Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors

PART NUMBER

	450MS001	M	09	G
Base P/N	450MS001 Straight 450MA001 90° 450MB001 45°			
Finish	C Black Anodize M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE ZR Black Zinc-Nickel TZ Tin-Zinc			
Size Code	05 06 07 08 09 10 11 12 13 14 15 16 17			
Ground Lug	Omit if not required G Ground Lug			

MATERIAL/FINISH

Body, coupling nut: aluminum/ finish per PN



Size Code	Shell Size		A Thread UNEF-2B	øB Max.		C Max.		D Max.		E Max.		F Ref. Cable Entry	
	Series 800, 801, 803, 804	Series 805		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
05	5	N/A	0.250-32	.50	12.7	.866	22.0	.89	22.6	.89	22.6	.156	4.0
06	6	N/A	0.3125-32	.56	14.2	.866	22.0	.89	22.6	.89	22.6	.218	5.5
11	N/A	8	0.3750-32	.57	14.5	.866	22.0	.89	22.6	.89	22.6	.250	6.4
07	7	9	0.4375-28	.69	17.5	.866	22.0	.89	22.6	1.066	27.1	.250	6.4
08	8	10	0.500-28	.70	17.8	.866	22.0	.95	24.1	1.066	27.1	.375	9.5
09	9	11	0.5625-24	.79	20.1	.866	22.0	.95	24.1	1.066	27.1	.375	9.5
10	10	12	0.625-24	.82	20.8	.926	23.5	1.01	25.7	1.066	27.1	.500	12.7
12	11, 12, 13	13	0.6875-24	.91	23.1	.926	23.5	1.01	25.7	1.066	27.1	.500	12.7
13	N/A	15	0.750-20	.93	23.6	.926	23.5	1.01	25.7	1.066	27.1	.615	15.6
14	14, 15, 16, 17	18, 19	0.9375-20	1.15	29.2	1.106	28.1	1.39	35.3	1.226	31.1	.750	19.1
16	19	21	1.0625-18	1.23	31.2	1.176	29.9	1.46	37.1	1.226	31.1	.845	21.5
17	21	23	1.1875-18	1.39	35.3	1.306	33.2	1.51	38.4	1.226	31.1	.970	24.6



Qwik-Ty® Strain Reliefs

for Series 80 Mighty Mouse Connectors

450M*050 Qwik-Ty Strain Relief, Composite, Series 805

Self-Locking

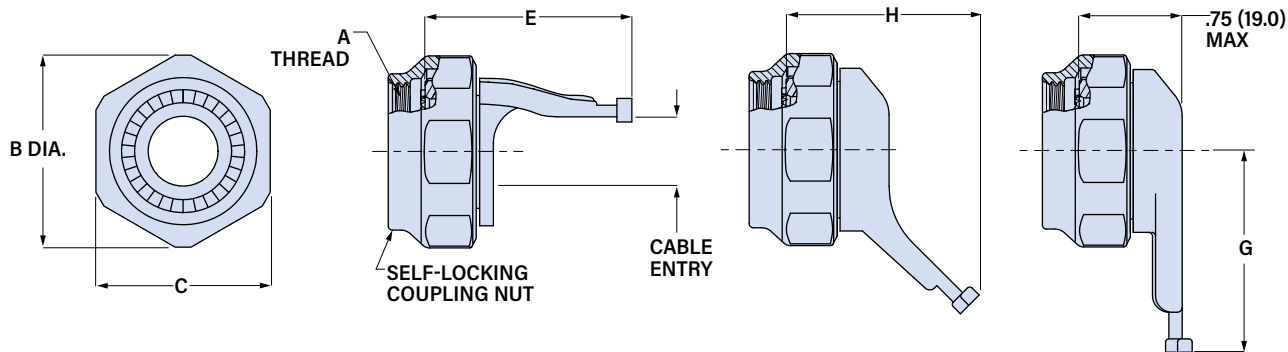


Lightweight, self-locking, corrosion-proof. 450M*050 composite thermoplastic Qwik-Ty® strain relief fits Series 805 Mighty Mouse connectors. High performance glass-reinforced material meets AS85049 requirements. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° or 90°. Glass-reinforced PEI thermoplastic.

Adapter Code M
 This accessory fits Series 80 Mighty Mouse Connectors

PART NUMBER

	450MS050	XB	12
Base P/N	450MS050 Straight 450MA050 90° 450MB050 45°		
Material and Finish	XB Unplated Black Material		
Size Code	Series 805 Shell Size 9 10 11 12 13 15 18 19 21 23 Size Code 07 08 09 10 12 13 14 14 16 17		



Size Code	Series 805 Shell Size	A Thread UNEF-2B	øB Max.		C Flats Max.		E Max.		G Max.		H Max.		Cable Entry Max	
			In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
07	9	0.4375-28	.812	20.6	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
08	10	0.500-28	.812	20.6	.750	19.1	1.14	29.0	1.22	31.0	1.14	29.0	.25	6.4
09	11	0.5625-24	.938	23.8	.875	22.2	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
10	12	0.625-24	.938	23.8	.875	22.2	1.14	29.0	1.29	32.8	1.14	29.0	.38	9.7
12	13	0.6875-24	1.125	28.6	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
13	15	0.750-20	1.125	28.6	1.000	25.4	1.20	30.5	1.62	41.1	1.14	29.0	.50	12.7
14	18, 19	0.9375-20	1.375	34.9	1.250	31.8	1.38	35.1	1.72	43.7	1.64	41.7	.75	19.1
16	21	1.0625-18	1.500	38.1	1.375	34.9	1.44	36.6	1.72	43.7	1.74	44.2	.81	20.6
17	23	1.1875-18	1.625	41.3	1.500	38.1	1.57	39.9	1.79	45.5	1.74	44.2	.94	23.9

Qwik-Ty® Strain Reliefs

for Series 806 Mil-Aero Connectors

457V*048 Qwik-Ty Strain Relief, Composite, with EMI Banding Adapter

Self-Locking



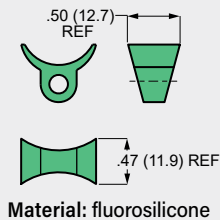
Low profile. Light weight. Band-Master shield termination. 457V*048 Qwik-Ty® strain relief fits Glenair Series 806 Mil-Aero connectors. Terminate cable shield to adapter with Band-Master strap (purchased separately). "T" slots in adapter accept individual shields. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach wire bundle to arm with cable tie (not supplied). Optional rubber pad provides wire cushioning. Black thermoplastic body, coupling nut and detent spring, aluminum banding adapter, fluorosilicone spacer pad.

Adapter Code V

This accessory fits:
Glenair Series 806 Mil-Aero connectors

PART NUMBER		457VB048	M	11	P
Base P/N	457VS048 Straight 457VA048 90° 457VB048 45°				
Banding Adapter Finish	M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE				
Size Code	09 10 11 12 14 16 18 20 22 24				
Spacer Pad	<i>Omit if not required</i> P Supplied with optional rubber spacer pad (fig. 1)				

FIGURE 1: SPACER PAD

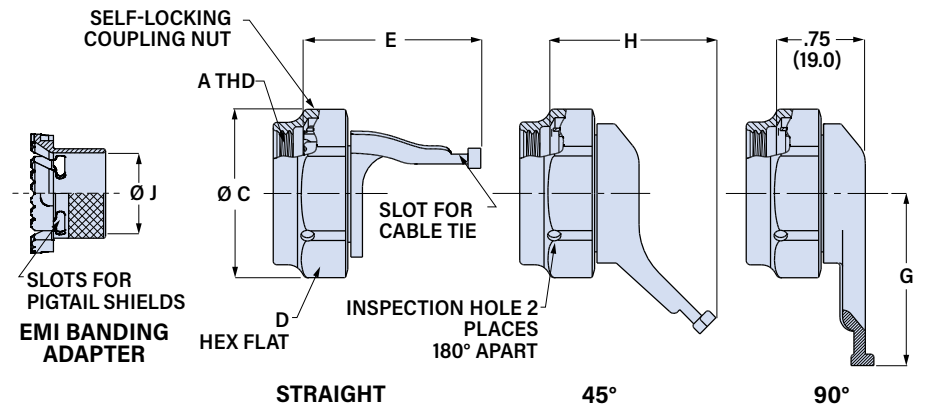


BANDING STRAP

Terminate cable braid to backshell with **banding strap**. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Diameter
601-061	8.13 (206)	.88 (22.4)
601-065	14.25 (362)	1.88 (47.8)



Shell Size	A ISO Metric Thread	øC Max. In. mm.	D Hex Flats In. mm.	E Max. In. mm.	G Max. In. mm.	H Max. In. mm.	± .015 (0.4) In. mm.	øJ In. mm.
09	M12 x 1.0-6H	.86 21.8	.750 19.1	1.28 32.5	1.22 31.0	1.14 29.0	.140 3.6	
10	M14 x 1.0-6H	.98 24.9	.875 22.2	1.28 32.5	1.29 32.8	1.14 29.0	.251 6.4	
11	M15 x 1.0-6H	.98 24.9	.875 22.2	1.28 32.5	1.29 32.8	1.14 29.0	.270 6.9	
12	M17 x 1.0-6H	1.16 29.5	1.000 25.4	1.44 36.6	1.62 41.1	1.14 29.0	.369 9.4	
14	M19 x 1.0-6H	1.28 32.5	1.125 28.6	1.51 38.4	1.66 42.2	1.64 41.7	.390 9.9	
16	M22 x 1.0-6H	1.28 32.5	1.125 28.6	1.51 38.4	1.66 42.2	1.64 41.7	.512 13.0	
18	M25 x 1.0-6H	1.41 35.8	1.250 31.8	1.51 38.4	1.72 43.7	1.64 41.7	.627 15.9	
20	M28 x 1.0-6H	1.52 38.6	1.375 34.9	1.57 39.9	1.72 43.7	1.74 44.2	.747 19.0	
22	M31 x 1.0-6H	1.64 41.7	1.500 38.1	1.71 43.4	1.79 45.5	1.74 44.2	.871 22.1	
24	M34 x 1.0-6H	1.77 45.0	1.625 41.3	1.83 46.5	1.85 47.0	1.74 44.2	.996 25.3	

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY

SERIES 806 MIL-AERO

Advanced performance,
reduced size and weight
connector series IAW
MIL-DTL-38999



Series 806 offers significant size and weight savings while meeting key performance benchmarks for a broad range of applications such as commercial and military aerospace, robotics, transportation, and more. Designed for general use in harsh vibration, shock, and environmental settings—as well as high-altitude, unpressurized aircraft zones with aggressive voltage ratings and altitude immersion standards—the Series 806 Mil-Aero features numerous design innovations including durable mechanical insert retention, radial seals and triple-ripple grommet seals. Its reduced thread pitch and re-engineered ratchet prevent decoupling problems, particularly in small shell sizes, solving one of the major problems of shell size 9 and 11 MIL-DTL-38999 Series III connectors.

SAVE SIZE AND WEIGHT WITH SERIES 806 CONNECTORS

Series 806 Mil-Aero
Smallest Size
.500 In. Mating Threads
3 #20 Contacts or 7 #22
contacts



MIL-DTL-38999
Smallest Size
.625 In. Mating Threads
3 #20 Contacts or 6 #22
contacts

- Next-generation small form factor aerospace-grade circular connector
- Designed for harsh application environments such as aircraft, industrial robotics and more
- Upgraded environmental, electrical and mechanical performance
- Integrated anti-decoupling technology
- Higher density 20HD and 22HD contact arrangements
- Hermetic and filter versions
- +200°C temperature rating

Series 48 Nut Plates

Selection Guide

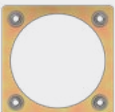
Series 48 Nut Plates



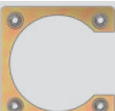
Series 48 Nut Plates are used to mount square flange connectors to panels and bulkheads. Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Available in three styles: ¼ perimeter, ¾ perimeter and full perimeter. The popular "C" shaped ¾ perimeter plate can be slipped over the wire bundle just before installation. Two finishes are available: chem film (chromate conversion coating) or epoxy primer. Passivated stainless steel clinch nuts, T6061 aluminum alloy plate.

- T6061 Aluminum Alloy
- Self-Locking SST Clinch Nuts
- Chem Film or Epoxy Primer Finishes

Three Styles



Full Perimeter

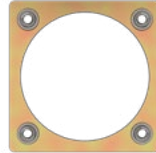


¾ Perimeter



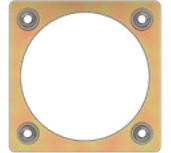
¼ Perimeter

MIL-DTL-38999
Series I, III, IV



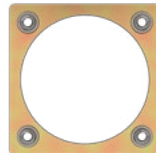
M85049/94
M85049/95
M85049/96
Page 48-2

AS50151
MIL-DTL-26482
MIL-DTL-83723
Series III
MIL-DTL-26500
MIL-DTL-38999
Series II



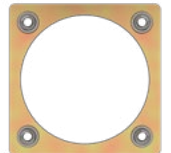
M85049/94
M85049/95
M85049/96
Page 48-3

AS81703
Series 3



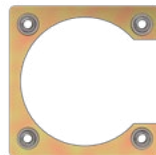
M85049/94
M85049/95
M85049/96
Page 48-4

MS3472
(Wide Flange
MIL-DTL-26482)



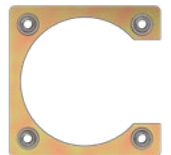
M85049/95
Page 48-5

MIL-DTL-28840
MIL-PRF-28876



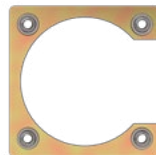
480-005
Page 48-5

Series 806
MII-Aero



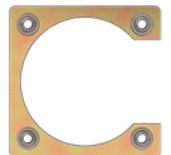
480-003
Page 48-6

Series 970
PowerTrip



480-006
Page 48-7

Series 80
Mighty Mouse



809-199
809-303
Page 48-8

Series 48 Nut Plates

For Mil Spec Circular Connectors

Nut Plates for MIL-DTL-38999 Series I, III, and IV Connectors

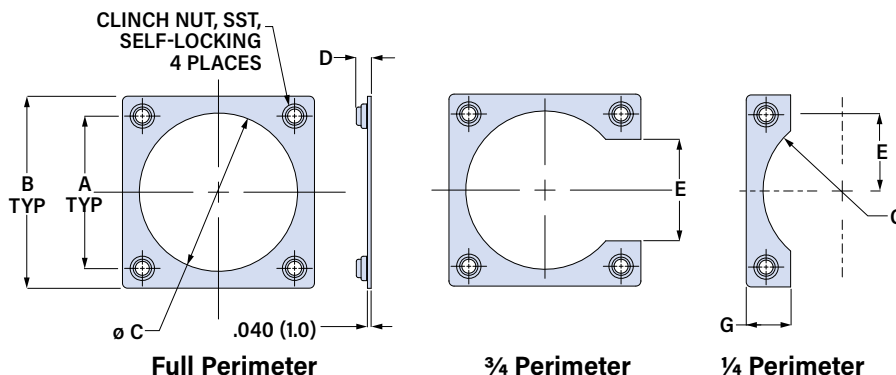
M85049 nut plates fit MIL-DTL-38999 Series I, III, and IV connector receptacles with square flanges. Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Two finishes are available: chem film or epoxy primer. Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.



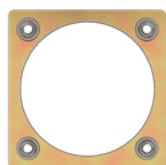
Nut Plate with Chem Film



Nut Plate with Epoxy Primer

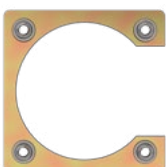


FULL PERIMETER NUT PLATES FOR MIL-DTL-38999 SERIES I, III, AND IV CONNECTORS



Shell Size	Part Number		A		B Max		øC Min		D Max		Threads UNJC-3B
	Chem Film	Epoxy Primer	± .015 (0.4)		in	mm	in	mm	in	mm	
9 (A)	M85049/94-10	M85049/94-10-A	.719	18.3	1.034	26.3	.685	17.4	.166	4.2	4-40
11 (B)	M85049/94-12	M85049/94-12-A	.812	20.6	1.119	28.4	.820	20.8	.166	4.2	4-40
13 (C)	M85049/94-14	M85049/94-14-A	.906	23.0	1.213	30.8	.945	24.0	.166	4.2	4-40
15 (D)	M85049/94-16	M85049/94-16-A	.969	24.6	1.295	32.9	1.070	27.2	.166	4.2	4-40
17 (E)	M85049/94-18	M85049/94-18-A	1.062	27.0	1.421	36.1	1.195	30.4	.166	4.2	4-40
19 (F)	M85049/94-20	M85049/94-20-A	1.156	29.4	1.550	39.4	1.320	33.5	.166	4.2	4-40
21 (G)	M85049/94-22	M85049/94-22-A	1.250	31.8	1.680	42.7	1.440	36.6	.166	4.2	4-40
23 (H)	M85049/94-24	M85049/94-24-A	1.375	34.9	1.800	45.7	1.570	39.9	.183	4.6	6-32
25 (J)	M85049/94-25	M85049/94-25-A	1.500	38.1	1.910	48.5	1.643	41.7	.183	4.6	6-32

3/4 PERIMETER NUT PLATES FOR MIL-DTL-38999 SERIES I, III, AND IV CONNECTORS



Shell Size	Part Number		A		B Max		øC Min		D Max		E		Threads UNJC-3B
	Chem Film	Epoxy Primer	± .005 (0.1)		in	mm	in	mm	in	mm	± .030 (0.8)		
9 (A)	M85049/95-10A	M85049/95-10A-A	.719	18.3	1.034	26.3	.705	17.9	.166	4.2	.433	11.0	4-40
11 (B)	M85049/95-12A	M85049/95-12A-A	.812	20.6	1.119	28.4	.840	21.3	.166	4.2	.530	13.5	4-40
13 (C)	M85049/95-14A	M85049/95-14A-A	.906	23.0	1.213	30.8	.969	24.6	.166	4.2	.624	15.8	4-40
15 (D)	M85049/95-16A	M85049/95-16A-A	.969	24.6	1.295	32.9	1.079	27.4	.166	4.2	.687	17.4	4-40
17 (E)	M85049/95-18A	M85049/95-18A-A	1.062	27.0	1.421	36.1	1.205	30.6	.166	4.2	.780	19.8	4-40
19 (F)	M85049/95-20A	M85049/95-20A-A	1.156	29.4	1.550	39.4	1.330	33.8	.166	4.2	.874	22.2	4-40
21 (G)	M85049/95-22A	M85049/95-22A-A	1.250	31.8	1.680	42.7	1.463	37.2	.166	4.2	.968	24.6	4-40
23 (H)	M85049/95-24B	M85049/95-24B-A	1.375	34.9	1.800	45.7	1.580	40.1	.183	4.6	1.031	26.2	6-32
25 (J)	M85049/95-25A	M85049/95-25A-A	1.500	38.1	1.906	48.4	1.643	41.7	.183	4.6	1.125	28.6	6-32

1/4 PERIMETER NUT PLATES FOR MIL-DTL-38999 SERIES I, III, AND IV CONNECTORS



Shell Size	Part Number		A		B Max		C Min		D Max		E		Threads UNJC-3B		
	Chem Film	Epoxy Primer	± .005 (0.1)		in	mm	in	mm	in	mm	± .005 (0.1)				
9 (A)	M85049/96-10	M85049/96-10-A	.719	18.3	1.034	26.3	.344	8.7	.166	4.2	.359	9.1	.308	7.8	4-40
11 (B)	M85049/96-12	M85049/96-12-A	.812	20.6	1.124	28.6	.410	10.4	.166	4.2	.406	10.3	.306	7.8	4-40
13 (C)	M85049/96-14	M85049/96-14-A	.906	23.0	1.218	30.9	.492	12.5	.166	4.2	.453	11.5	.306	7.8	4-40
15 (D)	M85049/96-16	M85049/96-16-A	.969	24.6	1.295	32.9	.532	13.5	.166	4.2	.484	12.3	.308	7.8	4-40
17 (E)	M85049/96-18	M85049/96-18-A	1.062	27.0	1.405	35.7	.610	15.5	.166	4.2	.531	13.5	.338	8.6	4-40
19 (F)	M85049/96-20	M85049/96-20-A	1.156	29.4	1.550	39.4	.657	16.7	.166	4.2	.578	14.7	.364	9.2	4-40
21 (G)	M85049/96-22	M85049/96-22-A	1.250	31.8	1.680	42.7	.724	18.4	.166	4.2	.625	15.9	.400	10.2	4-40
23 (H)	M85049/96-24	M85049/96-24-A	1.375	34.9	1.800	45.7	.782	19.9	.183	4.6	.687	17.5	.396	10.1	6-32
25 (J)	M85049/96-25	M85049/96-25-A	1.500	38.1	1.906	48.4	.814	20.7	.183	4.6	.750	19.1	.368	9.4	6-32

Series 48 Nut Plates

For Mil Spec Circular Connectors

Nut Plates for M26482, M83723 Series III, M26500, M38999 Series II

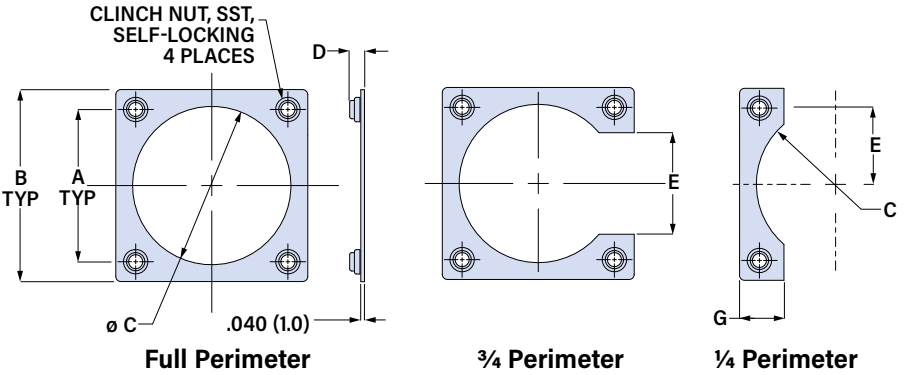


Nut Plate with Chem Film

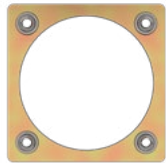


Nut Plate with Epoxy Primer

Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Two finishes are available: chem film (chromate conversion coating) or epoxy primer. Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.

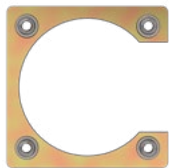


FULL PERIMETER NUT PLATES FOR AS50151, M26482, M83723 SERIES III, M26500, M38999 SERIES II



Shell Size	Part Number		A		B Max		øC Min		D Max		Threads UNJC-3B
	Chem Film	Epoxy Primer	± .015 (0.1) in	mm	in	mm	in	mm	in	mm	
8, 8S	M85049/94-8	M85049/94-8-A	.594	15.1	.900	22.9	.555	14.1	.166	4.2	4-40
10, 10SL	M85049/94-10	M85049/94-10-A	.719	18.3	1.034	26.3	.685	17.4	.166	4.2	4-40
12, 12S	M85049/94-12	M85049/94-12-A	.812	20.6	1.119	28.4	.820	20.8	.166	4.2	4-40
14, 14S	M85049/94-14	M85049/94-14-A	.906	23.0	1.213	30.8	.945	24.0	.166	4.2	4-40
16, 16S	M85049/94-16	M85049/94-16-A	.969	24.6	1.295	32.9	1.070	27.2	.166	4.2	4-40
18	M85049/94-18	M85049/94-18-A	1.062	27.0	1.421	36.1	1.195	30.4	.166	4.2	4-40
20	M85049/94-20	M85049/94-20-A	1.156	29.4	1.550	39.4	1.320	33.5	.166	4.2	4-40
22	M85049/94-22	M85049/94-22-A	1.250	31.8	1.680	42.7	1.440	36.6	.166	4.2	4-40
24	M85049/94-24	M85049/94-24-A	1.375	34.9	1.800	45.7	1.570	39.9	.183	4.7	6-32

3/4 PERIMETER NUT PLATES FOR AS50151, M26482, M83723 SERIES III, M26500, M38999 SERIES II



Shell Size	Part Number		A		B Max		øC Min		D Max		E		Threads UNJC-3B
	Chem Film	Epoxy Primer	± .005 (0.1) in	mm	in	mm	in	mm	in	mm	± .030 (0.8) in	mm	
8, 8S	M85049/95-8A	M85049/95-8A-A	.594	15.1	.900	22.9	.555	14.5	.166	4.2	.308	7.8	4-40
10, 10SL	M85049/95-10A	M85049/95-10A-A	.719	18.3	1.034	26.3	.705	17.9	.166	4.2	.433	11.0	4-40
12, 12S	M85049/95-12A	M85049/95-12A-A	.812	20.6	1.119	28.4	.840	21.3	.166	4.2	.530	13.5	4-40
14, 14S	M85049/95-14A	M85049/95-14A-A	.906	23.0	1.213	30.8	.969	24.6	.166	4.2	.624	15.8	4-40
16, 16S	M85049/95-16A	M85049/95-16A-A	.969	24.6	1.295	32.9	1.079	27.4	.166	4.2	.687	17.4	4-40
18	M85049/95-18A	M85049/95-18A-A	1.062	27.0	1.421	36.1	1.205	30.6	.166	4.2	.780	19.8	4-40
20	M85049/95-20A	M85049/95-20A-A	1.156	29.4	1.550	39.4	1.330	33.8	.166	4.2	.874	22.2	4-40
22	M85049/95-22A	M85049/95-22A-A	1.250	31.8	1.680	42.7	1.463	37.2	.166	4.2	.968	24.6	4-40
24	M85049/95-24B	M85049/95-24B-A	1.375	34.9	1.800	45.7	1.580	40.1	.183	4.7	1.031	26.2	6-32
28	M85049/95-28A	M85049/95-28A-A	1.562	40.0	2.015	51.2	1.805	45.8	.183	4.7	1.125	28.6	6-32

1/4 PERIMETER NUT PLATES FOR AS50151, M26482, M83723 SERIES III, M26500, M38999 SERIES II



Shell Size	Part Number		A		B Max		C Min		D Max		E		Threads UNJC-3B		
	Chem Film	Epoxy Primer	± .005 (0.1) in	mm	in	mm	in	mm	in	mm	± .005 (0.1) in	mm			
8, 8S	M85049/96-8	M85049/96-8-A	.594	15.1	.906	23.0	.262	17.9	.166	4.2	.297	7.5	.306	7.8	4-40
10, 10SL	M85049/96-10	M85049/96-10-A	.719	18.3	1.034	26.3	.344	21.3	.166	4.2	.359	9.1	.308	7.8	4-40
12, 12S	M85049/96-12	M85049/96-12-A	.812	20.6	1.124	28.6	.410	24.6	.166	4.2	.406	10.3	.306	7.8	4-40
14, 14S	M85049/96-14	M85049/96-14-A	.906	23.0	1.218	30.9	.492	27.4	.166	4.2	.453	11.5	.306	7.8	4-40
16, 16S	M85049/96-16	M85049/96-16-A	.969	24.6	1.295	32.9	.532	30.6	.166	4.2	.484	12.3	.308	7.8	4-40
18	M85049/96-18	M85049/96-18-A	1.062	27.0	1.405	35.7	.610	33.8	.166	4.2	.531	13.4	.338	8.6	4-40
20	M85049/96-20	M85049/96-20-A	1.156	29.4	1.550	39.4	.657	40.1	.166	4.2	.578	14.7	.364	9.3	4-40
22	M85049/96-22	M85049/96-22-A	1.250	31.8	1.680	42.7	.724	41.7	.183	4.7	.625	15.9	.400	10.2	4-40
24	M85049/96-24	M85049/96-24-A	1.375	34.9	1.800	45.7	.782	19.9	.183	4.7	.687	17.5	.396	10.1	6-32

Series 48 Nut Plates

For Mil Spec Circular Connectors

Nut Plates for AS81703 Series 3 Connectors

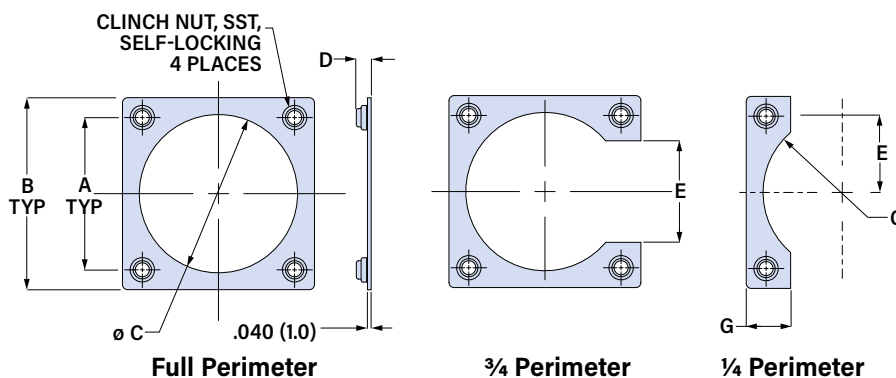
M85049 nut plates fit AS81703 Series 3 connector receptacles with square flanges. Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Available in three styles: ¼ perimeter, ¾ perimeter and full perimeter. The popular "C" shaped ¾ plates can be slipped over the wire bundle just before installation. Two finishes are available: chem film (chromate conversion coating) or epoxy primer. Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.



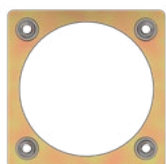
Nut Plate with Chem Film



Nut Plate with Epoxy Primer

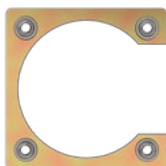


FULL PERIMETER NUT PLATES FOR AS81703 SERIES 3 CONNECTORS



Shell Size	Part Number		A ±.005 (0.1)		B Max	øC Min	D Max	Threads
	Chem Film	Epoxy Primer	in	mm				
7	M85049/94-10	M85049/94-10-A	.719	18.3	1.034	26.3	.685 17.4	.166 4.2 4-40
12	M85049/94-12	M85049/94-12-A	.812	20.6	1.119	28.4	.820 20.8	.166 4.2 4-40
19	M85049/94-14	M85049/94-14-A	.906	23.0	1.213	30.8	.945 24.0	.166 4.2 4-40
27	M85049/94-16	M85049/94-16-A	.969	24.6	1.295	32.9	1.070 27.2	.166 4.2 4-40

¾ PERIMETER NUT PLATES FOR AS81703 SERIES 3 CONNECTORS



Shell Size	Part Number		A ±.005 (0.1)		B Max	øC Min	D Max	E ±.030 (0.8)		Threads
	Chem Film	Epoxy Primer	in	mm				in	mm	
3	M85049/95-3A	M85049/95-3A-A	.625	15.9	.940	23.9	.626 15.9	.166 4.2	.325 8.3	4-40
7	M85049/95-7A	M85049/95-7A-A	.719	18.3	1.034	26.3	.673 17.1	.166 4.2	.433 11.0	4-40
12	M85049/95-12A	M85049/95-12A-A	.812	20.6	1.119	28.4	.840 21.3	.166 4.2	.530 13.5	4-40
19	M85049/95-14A	M85049/95-14A-A	.906	23.0	1.213	30.8	.969 24.6	.166 4.2	.624 15.8	4-40
27	M85049/95-16A	M85049/95-16A-A	.969	24.6	1.295	32.9	1.079 27.4	.166 4.2	.687 17.4	4-40
37	M85049/95-37A	M85049/95-37A-A	1.187	30.2	1.515	38.5	1.266 32.2	.166 4.2	.874 22.2	4-40
61	M85049/95-61A	M85049/95-61A-A	1.437	36.5	1.827	46.4	1.579 40.1	.166 4.2	1.062 40.7	4-40

¼ PERIMETER NUT PLATES FOR AS81703 SERIES 3 CONNECTORS



Shell Size	Part Number		A ±.005 (0.1)		B Max	C Min	D Max	E ±.005 (0.1)		G Max	Threads
	Chem Film	Epoxy Primer	in	mm				in	mm		
3	M85049/96-3	M85049/96-8-A	.625	15.9	.940	23.9	.320 8.1	.166 4.2	.312 7.9	.310 7.8	4-40
7	M85049/96-7	M85049/96-10-A	.719	18.3	1.034	26.3	.329 8.4	.166 4.2	.359 9.1	.308 7.8	4-40
12	M85049/96-12	M85049/96-12-A	.812	20.6	1.213	30.8	.410 24.6	.166 4.2	.406 10.3	.306 7.8	4-40
19	M85049/96-14	M85049/96-14-A	.906	23.0	1.295	32.9	.492 27.4	.166 4.2	.453 11.5	.306 7.8	4-40
27	M85049/96-16	M85049/96-16-A	.969	24.6	1.421	36.1	.532 30.6	.166 4.2	.484 12.3	.308 7.8	4-40
37	M85049/96-37	M85049/96-37-A	1.187	30.2	1.515	38.5	.625 15.9	.166 4.2	.593 4.0	.324 8.2	4-40
61	M85049/96-61	M85049/96-61-A	1.437	36.5	1.827	46.4	.732 18.6	.166 4.2	.718 4.8	.386 9.8	4-40

Series 48 Nut Plates

For Mil Spec Circular Connectors

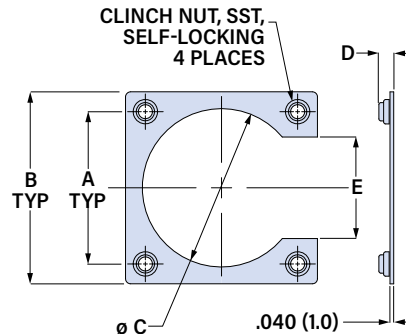
Nut Plates for MS3472, MIL-DTL-28840 and MIL-PRF-28876 Connectors

NUT PLATES FOR WIDE FLANGE MIL-DTL-26482 SERIES 2 MS3472 CONNECTORS



Nut Plate with Chem Film

Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Two finishes are available: chem film (chromate conversion coating) or epoxy primer. Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.



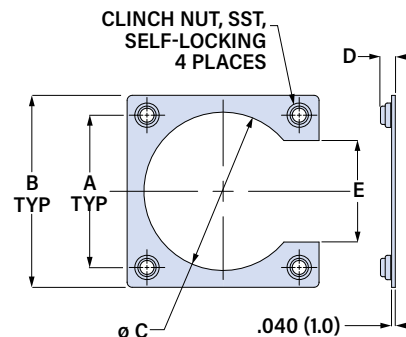
Shell Size	Part Number		A		B Max		øC Min		D Max		E		Threads UNJC-3B
	Chem Film	Epoxy Primer	±.005 (0.1) in	mm	in	mm	in	mm	in	mm	±.030 (0.8) in	mm	
10	M85049/95-10B	M85049/95-10B-A	.812	20.6	1.202	30.5	.734	18.6	.183	4.6	.433	11.0	6-32
12	M85049/95-12B	M85049/95-12B-A	.938	23.8	1.327	33.7	.923	23.4	.183	4.6	.530	13.5	6-32
14	M85049/95-14B	M85049/95-14B-A	1.031	26.2	1.421	36.1	1.016	25.8	.183	4.6	.624	15.8	6-32
16	M85049/95-16B	M85049/95-16B-A	1.125	28.6	1.515	38.5	1.110	28.2	.183	4.6	.687	17.4	6-32
18	M85049/95-18B	M85049/95-18B-A	1.203	30.6	1.593	40.5	1.219	31.0	.183	4.6	.780	19.8	6-32
20	M85049/95-20B	M85049/95-20B-A	1.297	32.9	1.703	43.3	1.344	34.1	.183	4.6	.865	22.0	6-32
22	M85049/95-22B	M85049/95-22B-A	1.375	34.9	1.753	44.5	1.468	37.3	.183	4.6	.907	23.0	6-32
24	M85049/95-24A	M85049/95-24A-A	1.500	38.1	1.906	48.4	1.545	39.2	.166	4.2	1.000	24.4	6-32

NUT PLATES FOR MIL-DTL-28840 AND MIL-PRF-28876 CONNECTORS



Nut Plate with Epoxy Primer

Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Three finishes are available: Type I chem film (Code E), Type II RoHS-compliant chem film (ER) or epoxy primer (EAP). Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.



Shell Size	Part Number			A		B		øC		D		E		Threads UNC
	Type I Chem Film	Type II Chem Film (RoHS)	Epoxy Primer	±.003 (0.1) in	mm	in	mm	in	mm	±.030 (0.8) in	mm	in	mm	
A (11)	480-005E11B	480-005ER11B	480-005EAP11B	.750	19.1	1.043	26.5	.781	19.8	.136	3.5	.448	11.4	4-40
B (13)	480-005E13B	480-005ER13B	480-005EAP13B	.840	21.3	1.158	29.4	.906	23.0	.136	3.5	.520	13.2	4-40
C (15)	480-005E15B	480-005ER15B	480-005EAP15B	.968	24.6	1.278	32.5	1.093	27.8	.136	3.5	.627	15.9	4-40
D (17)	480-005E17B	480-005ER17B	480-005EAP17B	1.015	25.8	1.403	35.6	1.156	29.4	.136	3.5	.663	16.8	4-40
E (19)	480-005E19B	480-005ER19B	480-005EAP19B	1.140	29.0	1.528	38.8	1.343	34.1	.136	3.5	.770	19.6	4-40
F (23)	480-005E23B	480-005ER23B	480-005EAP23B	1.281	32.5	1.738	44.1	1.531	38.9	.136	3.5	.878	22.3	4-40
G (25)	480-005E25B	480-005ER25B	480-005EAP25B	1.392	35.4	1.838	46.7	1.656	42.1	.153	3.9	.950	24.1	6-32
H (29)	480-005E29B	480-005ER29B	480-005EAP29B	1.568	39.8	2.158	54.8	1.843	46.8	.153	3.9	1.057	26.8	6-32
J (33)	480-005E33B	480-005ER33B	480-005EAP33B	1.734	44.0	2.343	59.5	2.031	51.6	.168	4.3	1.165	29.6	8-32

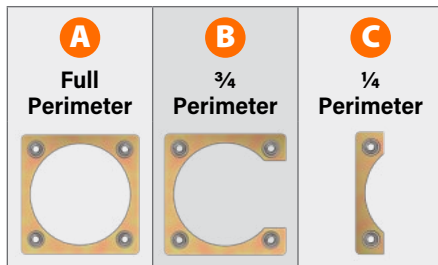
Series 48 Nut Plates

480-003 Nut Plate For Series 806 Mil-Aero Connectors



Nut Plate with Epoxy Primer

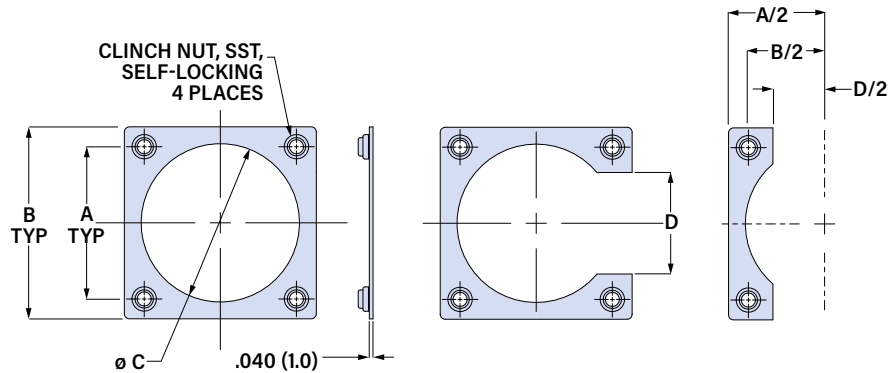
STYLES



Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Three finishes are available: Type I chem film (Code E), Type 2 RoHS-compliant chem film (ER) or epoxy primer (EAP). Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.

PART NUMBER

	480-003	E	16	B	M
Base P/N	480-003				
Finish	E Chem Film ER Chem Film, RoHS-compliant EAP Epoxy Primer				
Shell Size	7 8 9 10 11 12 14 16 18 20 22 24				
Style	A Full Perimeter B 3/4 Perimeter C 1/4 Perimeter				
Metric Threads	<i>Omit for UNC Threads</i> M Metric Threads				



Shell Size	A		B		ϕC		D		Threads	
	$\pm .015 (0.4)$ in	$\pm .015 (0.4)$ mm	$\pm .015 (0.4)$ in	$\pm .015 (0.4)$ mm	$\pm .015 (0.4)$ in	$\pm .015 (0.4)$ mm	$\pm .015 (0.4)$ in	$\pm .015 (0.4)$ mm	UNC	Metric
7	.740	18.8	.469	11.9	.433	11.0	.201	5.1	4-40	M3-0.5
8	.812	20.6	.531	13.5	.494	12.5	.263	6.7	4-40	M3-0.5
9	.875	22.2	.594	15.1	.562	14.3	.326	8.3	4-40	M3-0.5
10	.903	22.9	.625	15.9	.630	16.0	.357	9.1	4-40	M3-0.5
11	.950	24.1	.670	17.0	.697	17.7	.402	10.2	4-40	M3-0.5
12	1.028	26.1	.765	19.4	.753	19.1	.497	12.6	4-40	M3-0.5
14	1.123	28.5	.859	21.8	.875	22.2	.591	15.0	4-40	M3-0.5
16	1.217	30.9	.938	23.8	1.000	25.4	.670	17.0	4-40	M3-0.5
18	1.308	33.2	1.016	25.8	1.110	28.2	.748	19.0	4-40	M3-0.5
20	1.434	36.4	1.109	28.2	1.260	32.0	.789	20.0	6-32	M4-0.7
22	1.560	39.6	1.203	30.6	1.385	35.2	.883	22.4	6-32	M4-0.7
24	1.686	42.8	1.312	33.3	1.510	38.4	.992	25.2	6-32	M4-0.7

Series 48 Nut Plates

480-006 Nut Plate For Series 970 PowerTrip Connectors



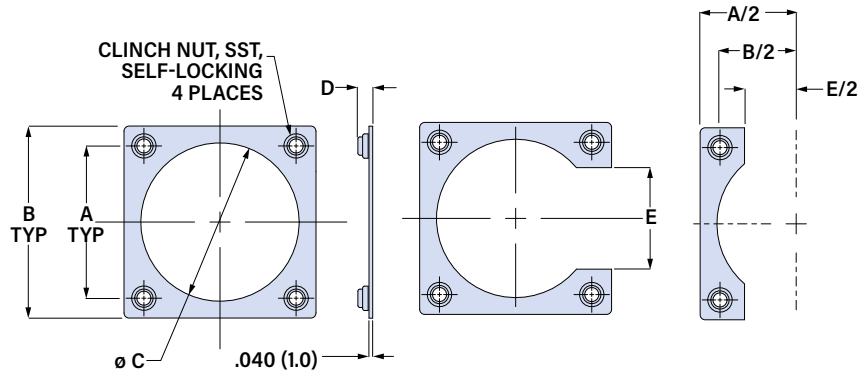
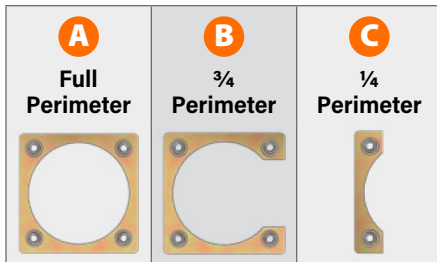
Nut Plate with Epoxy Primer

Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Three finishes are available: Type I chem film (Code E), Type 2 RoHS-compliant chem film (ER) or epoxy primer (EAP). Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.

PART NUMBER

		480-006	E	16	B
Base P/N	480-006				
Finish	E Chem Film ER Chem Film, RoHS-compliant EAP Epoxy Primer				
Shell Size	18 20 24 28 32 36 40				
Style	A Full Perimeter B 3/4 Perimeter C 1/4 Perimeter				

STYLES



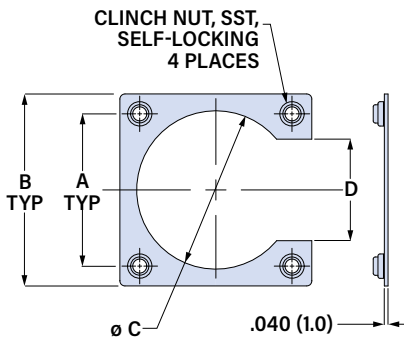
Shell Size	A		B		ø C		D Max		E		Threads UNC
	±.003 (0.1) in	mm	±.015 (0.4) in	mm	±.005 (0.1) in	mm	in	mm	±.015 (0.4) in	mm	
18	1.015	25.8	1.403	35.6	1.135	28.8	.183	4.6	.651	16.5	6-32
20	1.140	29.0	1.528	38.8	1.260	32.0	.183	4.6	.723	18.4	6-32
24	1.281	32.5	1.738	44.1	1.510	38.4	.183	4.6	.866	22.0	6-32
28	1.568	39.8	2.158	54.8	1.823	46.3	.198	5.0	1.046	26.6	8-32
32	1.734	44.0	2.343	59.5	2.073	52.7	.198	5.0	1.189	30.2	8-32
36	1.984	50.4	2.598	66.0	2.260	57.4	.198	5.0	1.296	32.9	8-32
40	2.234	56.7	2.848	72.3	2.510	63.8	.198	5.0	1.440	36.6	8-32

Series 48 Nut Plates

809-199, 809-303 Nut Plates for Series 80 Mighty Mouse Connectors



Nut Plate with Chem Film



Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Two finishes are available: chem film or epoxy primer. Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.

PART NUMBER

		809-199	-9	EAP
Base P/N	809-199 809-303	Nut Plate with UNC Threads Nut Plate with Metric Threads		
Dash Number	See Table			
Finish	Omit for Chem Film EAP Epoxy Primer			

Dash Number	Shell Size				A		B		ø C		D		Thread Size	
	Series 800	Series 801	Series 802	Series 805	±.005 (0.1) in mm	±.010 (0.3) in mm	±.010 (0.3) in mm	±.010 (0.3) in mm	±.010 (0.3) in mm	±.010 (0.3) in mm	UNC	Metric		
-1			5		.500 12.7	.780 19.8	.400 10.2	.220 5.6	4-40	M3-0.5				
-2			6		.625 15.9	.905 23.0	.600 15.2	.345 8.8	4-40	M3-0.5				
-3				8	.660 16.8	.880 22.4	.700 17.8	.440 11.2	2-56	M2-0.5				
-4			7		.688 17.5	.968 24.6	.680 17.3	.408 10.4	4-40	M3-0.5				
-5	9, 10				.720 18.3	1.000 25.4	.728 18.5	.440 11.2	4-40	M3-0.5				
-6				9	.720 18.3	.940 23.9	.728 18.5	.440 11.2	2-56	M2-0.5				
-7				8	.750 19.1	1.030 26.2	.770 19.6	.470 11.9	4-40	M3-0.5				
-8				10	.785 19.9	1.005 25.5	.805 20.4	.565 14.4	2-56	M2-0.5				
-9	12	13	9		.812 20.6	1.092 27.7	.860 21.8	.532 13.5	4-40	M3-0.5				
-10				11	.848 21.5	1.068 27.1	.868 22.0	.628 16.0	2-56	M2-0.5				
-11				10	.875 22.2	1.155 29.3	.946 24.0	.595 15.1	4-40	M3-0.5				
-13				12	.909 23.1	1.129 28.7	.909 23.1	.629 16.0	2-56	M2-0.5				
-14				12	.938 23.8	1.218 30.9	1.018 25.9	.658 16.7	4-40	M3-0.5				
-16		16			.981 24.9	1.261 32.0	1.061 26.9	.701 17.8	4-40	M3-0.5				
-17		17		15	1.060 26.9	1.340 34.0	1.140 29.0	.780 19.8	4-40	M3-0.5				
-18				14	1.125 28.6	1.405 35.7	1.205 30.6	.845 21.5	4-40	M3-0.5				
-19		19		15	1.188 30.2	1.468 37.3	1.268 32.2	.908 23.1	4-40	M3-0.5				
-20				18	1.255 31.9	1.535 39.0	1.335 33.9	.975 24.8	4-40	M3-0.5				
-21		21		19	1.327 33.7	1.607 40.8	1.407 35.7	1.047 26.6	4-40	M3-0.5				
-22				23	1.570 39.9	1.850 47.0	1.650 41.9	1.290 32.8	4-40	M3-0.5				

Series 62 Saddle Clamps

Selection Guide



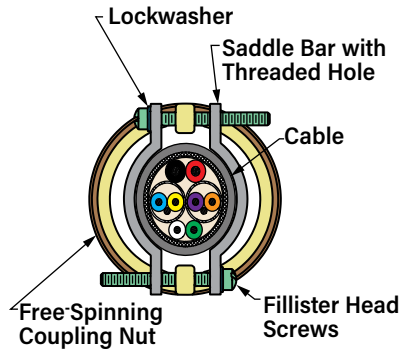
Series 62 Saddle Clamps

General Purpose Saddle Clamps provide strain relief for jacketed cable. Saddle bars have tapped threads. Tighten saddle bars until the cable is secured.

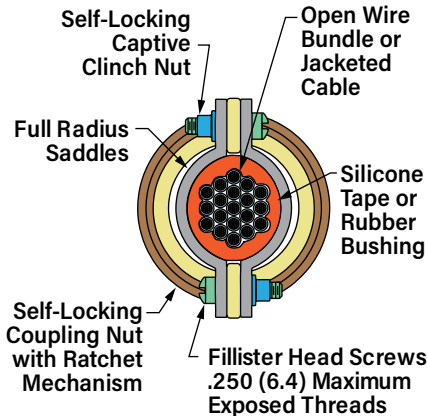
Self-Locking Saddle Clamps are recommended for aircraft wiring harnesses with open wire bundles. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Full radius saddle bars have self-locking SST clinch nuts. Wrap wire bundle with tape or use rubber bushing. Tighten saddle bars until fully seated on clamp frame. Full radius saddles should be fully bottomed onto frame.

EMI Braid Socks feature a length of shield braid terminated to a nickel-plated brass EMI adapter. Aluminum, stainless steel or composite. Self-locking, suitable for high vibration environments.

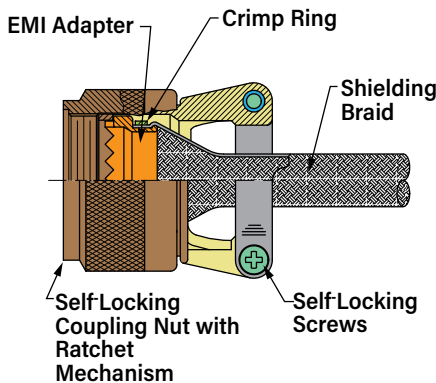
General Purpose



Self-Locking



EMI Braid Sock


















Saddle Clamp Styles



Series 62 Saddle Clamps

Selection Guide

<p>Adapter Code</p> <p>A</p> <p>AS50151 crimp AS95234 MIL-DTL-26482 Ser. II MIL-DTL-83723 Ser. III</p>	 <p>Saddle Clamp Spin Coupling 620A*046 Page 62-4</p>	 <p>Saddle Clamp Self-Locking 620A*038 Page 62-5</p>	 <p>Saddle Clamp Composite 620A*042 Page 62-6</p>	 <p>Saddle Clamp EMI Braid Sock 319A*175 Page 62-7</p>	 <p>Saddle Clamp EMI Braid Sock, Composite 319A*201 Page 62-9</p>
<p>Adapter Code</p> <p>B</p> <p>AS50151 Solder with Endbell</p>	 <p>Saddle Clamp Style A Light Duty 620-053**A Page 62-11</p>	 <p>Saddle Clamp Style C Environmental 620-053**C Page 62-11</p>	 <p>Saddle Clamp Style H Heavy Duty 620-053**H Page 62-12</p>		
<p>Adapter Code</p> <p>E</p> <p>MIL-DTL-26500</p>	 <p>Saddle Clamp Direct Coupling 620ES050 Page 62-39</p>				
<p>Adapter Code</p> <p>F</p> <p>MIL-DTL-38999 Series I and II</p>	 <p>Saddle Clamp Spin Coupling 620F*012 Page 62-13</p>	 <p>Saddle Clamp Self-Locking 620F*038 Page 62-14</p>	 <p>Saddle Clamp Composite 620F*042 Page 62-15</p>	 <p>Saddle Clamp EMI Braid Sock 319F*175 Page 62-16</p>	 <p>Saddle Clamp EMI Braid Sock, Composite 319F*201 Page 62-18</p>
<p>Adapter Code</p> <p>G</p> <p>MIL-DTL-28840</p>	 <p>Saddle Clamp Spin Coupling 620G*051 Page 62-38</p>				

Series 62 Saddle Clamps

Selection Guide

Adapter Code

H

MIL-DTL-38999
Series III and IV

Adapter Code

M

Series 80
Mighty Mouse

Adapter Code

P

Series 970
PowerTrip

Adapter Code

V

Series 806
Mil-Aero

Series 62 Saddle Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

620A*046 Saddle Clamp, General Purpose

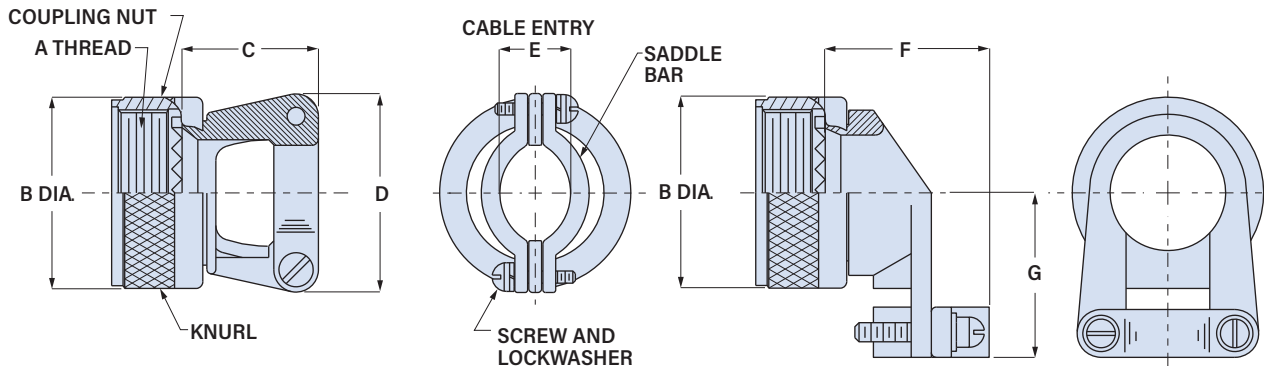


Spin coupling, general purpose. 620A*046 saddle clamp fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Aluminum coupling nut, frame and saddles. Stainless steel screws and washers.

Adapter Code **A**
 AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

PART NUMBER

	620AS046	NF	22
Base P/N	620AS046 Straight 620AA046 90°		
Finish	C Black Anodize M Electroless Nickel MT Nickel-PTFE NF Olive Drab Cadmium ZR Black Zinc-Nickel TZ Tin-Zinc		
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40		

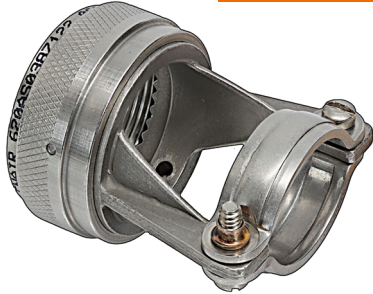


Shell Size	A Thread Class 2B	øB Max.		C Max.		D Max.		E Cable Entry				F Max.		G Max.		Screw Size
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
08	0.500-20 UNF	.65	16.5	.63	16.0	.782	19.9	.125	3.2	.204	5.2	.78	19.8	.808	20.5	6-32
10	0.625-24 UNEF	.77	19.6	.74	18.8	.862	21.9	.187	4.8	.286	7.3	.86	21.8	.867	22.0	6-32
12	0.750-20 UNEF	.94	23.9	.86	21.8	1.003	25.5	.291	7.4	.416	10.6	1.05	26.7	.929	23.6	6-32
14	0.875-20 UNEF	1.07	27.2	.86	21.8	1.061	26.9	.351	8.9	.476	12.1	1.11	28.2	.992	25.2	6-32
16	1.000-20 UNEF	1.21	30.7	.99	25.2	1.334	33.9	.501	12.7	.625	15.9	1.26	32.0	1.056	26.8	6-32
18	1.0625-18 UNEF	1.23	31.2	1.24	31.5	1.466	37.2	.518	13.2	.706	17.9	1.37	34.8	1.233	31.3	8-32
20	1.1875-18 UNEF	1.36	34.5	1.36	34.5	1.572	39.9	.581	14.8	.831	21.1	1.50	38.1	1.296	32.9	8-32
22	1.3125-18 UNEF	1.48	37.6	1.49	37.8	1.688	42.9	.644	16.4	.956	24.3	1.62	41.1	1.358	34.5	8-32
24	1.4375-18 UNEF	1.73	43.9	1.61	40.9	1.790	45.5	.706	17.9	1.081	27.5	1.75	44.5	1.420	36.1	8-32
28	1.750-18 UNS	1.97	50.0	1.76	44.7	2.035	51.7	.750	19.1	1.187	30.15	1.89	48.0	1.634	41.5	¼-20
32	2.000-18 UNS	2.22	56.4	1.95	49.5	2.386	60.6	.875	22.2	1.250	31.8	1.95	49.5	1.859	47.2	¼-20
36	2.250-16 UN	2.47	62.7	2.33	59.2	2.496	63.4	.938	23.8	1.375	34.9	2.07	52.6	1.984	50.4	¼-20
40	2.500-16 UN	2.72	69.1	2.51	63.8	2.566	65.2	.938	23.8	1.500	38.1	2.20	55.9	2.109	53.6	¼-20

Series 62 Saddle Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

620A*038 Saddle Clamp, Self-Locking



Self-Locking

Self-locking. Full radius saddles. Saddle clamp fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Die cast saddles have self-locking stainless steel clinch nuts. Full radius saddles are intended to be fully closed (bottomed onto frame). Wrap wire bundle with silicone tape so that the saddles, when fully closed, securely grip the wire bundle. Aluminum or 300 series stainless steel. Straight, 45° and 90° profiles.

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST
Screws, washers, clinch nuts: stainless steel
Anti-decoupling spring: thermoplastic (aluminum clamps) or SST (SST clamps)

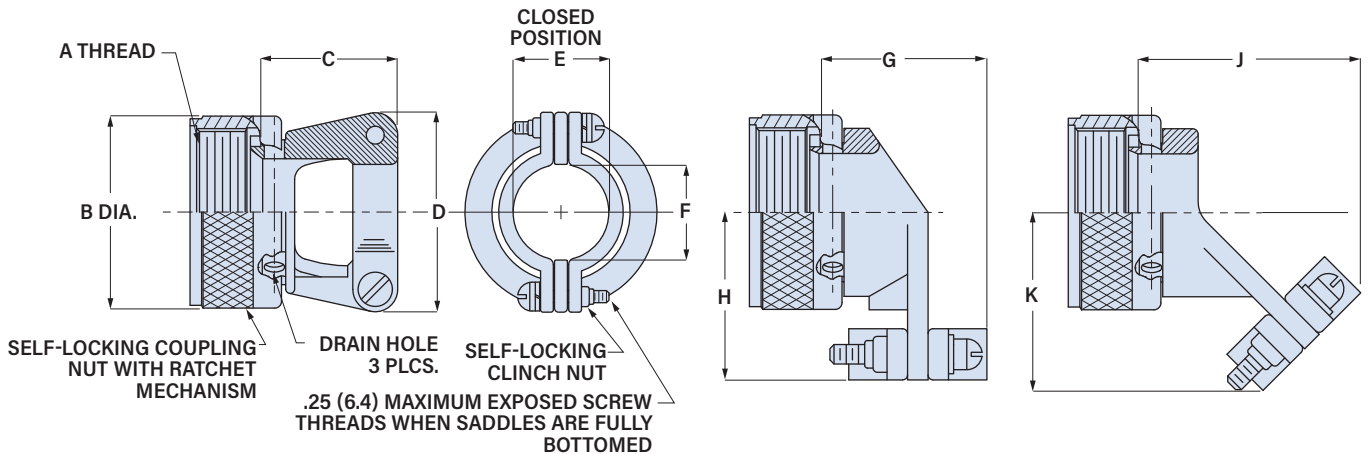
PART NUMBER

620AS038 Z1 36

Base P/N **620AS038** Straight
620AB038 45°
620AA038 90°

Material/Finish
C Alum/Black Anodize
M Alum/Electroless Nickel
MT Alum/Nickel-PTFE
NF Alum/Olive Drab Cadmium
ZR Alum/Black Zinc-Nickel
TZ Alum/Tin-Zinc
Z1 SST/Passivated

Shell Size **08 10 12 14 16 18 20 22 24 28 32 36**



Shell Size	A Thread Class 2B	øB Max. in mm	C Max. in mm	D Max. in mm	E ±.031 (0.79) in mm	F Min. in mm	G Max. in mm	H Max. in mm	J Max. in mm	K Max. in mm
08	0.500-20 UNF	.885 22.5	.84 21.3	.81 20.6	.219 5.6	.22 5.6	1.06 26.9	.91 23.1	1.32 33.5	.901 22.9
10	0.625-24 UNEF	1.010 25.7	.96 24.4	.89 22.6	.264 6.7	.27 6.9	1.10 27.9	.97 24.6	1.36 34.5	.964 24.5
12	0.750-20 UNEF	1.135 28.8	1.10 27.9	1.03 26.2	.344 8.7	.35 8.9	1.18 30.0	1.06 26.9	1.43 36.3	1.050 26.7
14	0.875-20 UNEF	1.260 32.0	1.10 27.9	1.08 27.4	.460 11.7	.47 11.9	1.30 33.0	1.16 29.5	1.48 37.6	1.112 28.2
16	1.000-20 UNEF	1.385 35.2	1.23 31.2	1.36 34.5	.545 13.8	.55 14.0	1.38 35.1	1.34 34.0	1.58 40.1	1.175 29.8
18	1.0625-18 UNEF	1.510 38.4	1.41 35.8	1.49 37.8	.615 15.6	.62 15.7	1.46 37.1	1.41 35.8	1.70 43.2	1.230 31.2
20	1.1875-18 UNEF	1.635 41.5	1.51 38.4	1.59 40.4	.698 17.7	.70 17.8	1.58 40.1	1.53 38.9	1.74 44.2	1.293 32.8
22	1.3125-18 UNEF	1.760 44.7	1.66 42.2	1.71 43.4	.780 19.8	.78 19.8	1.62 41.1	1.66 42.2	1.79 45.5	1.365 34.7
24	1.4375-18 UNEF	1.885 47.9	1.76 44.7	1.81 46.0	.850 21.6	.85 21.6	1.69 42.9	1.78 45.2	1.83 46.5	1.417 36.0
28	1.750-18 UNS	2.140 54.4	2.03 51.6	2.05 52.1	.950 24.1	.95 24.1	1.97 50.0	1.82 46.2	2.00 50.8	1.600 40.6
32	2.000-18 UNS	2.410 61.2	2.28 57.9	2.40 61.0	1.015 25.8	1.02 25.9	2.05 52.1	1.86 47.2	2.20 55.9	1.840 46.7
36	2.250-16 UN	2.700 68.6	2.53 64.3	2.51 63.8	1.187 30.1	1.19 30.2	2.19 55.6	1.98 50.3	2.22 56.4	1.850 47.0

Series 62 Saddle Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

620A*042 Saddle Clamp, Composite



Self-Locking

Self-locking. Full radius saddles. Composite saddle clamp fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Telescoping screws. Full radius saddles are intended to be bottomed onto frame. Wrap wire bundle with silicone tape so that the saddles, when fully closed, securely grip the wire bundle. High temperature thermoplastic. Straight, 45° and 90° profiles.

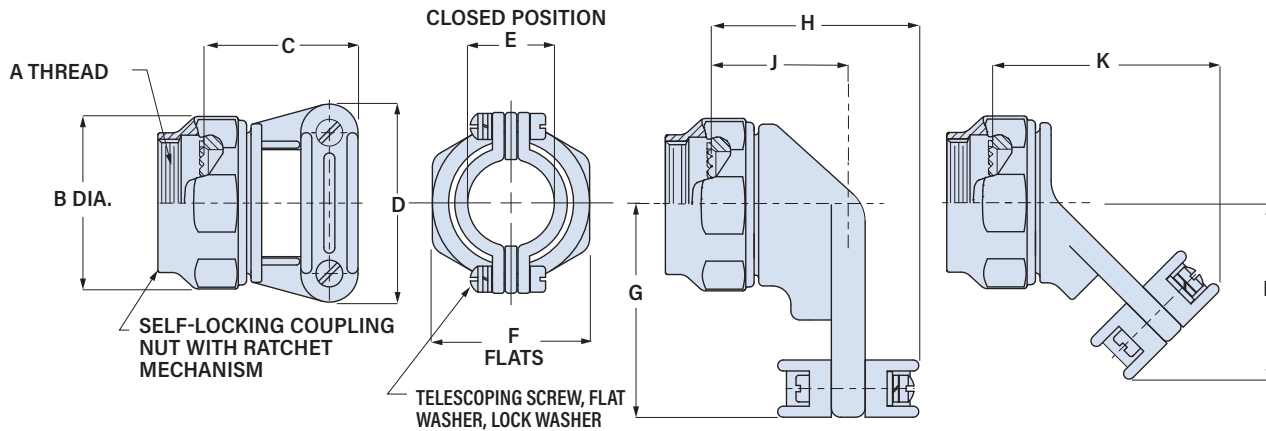
Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

MATERIAL/FINISH

Coupling nut, saddles: polyetherimide (PEI), unplated
 Clamp Body: polyetherimide (PEI)/finish per PN
 Screws, washers: stainless steel/passivated
 Anti-decoupling spring: thermoplastic

PART NUMBER

		620AS042	XB	22
Base P/N	620AS042 Straight 620AB042 45° 620AA042 90°			
Clamp Body Finish	XM Electroless Nickel XW Olive Drab Cadmium XB Unplated, Black Color XO Unplated, Natural (amber) Color XZN Black Zinc-Nickel			
Shell Size	08 10 12 14 16 18 20 22 24 28			



Shell Size	A Thread Class 2B	øB Max in mm	C ± .06(1.5) in mm	D ± .06(1.5) in mm	E ± .03(0.8) in mm	F Flats (ref) in mm	G ± .06(1.5) in mm	H ± .06(1.5) in mm	J Ref in mm	K Max in mm	L Max in mm
08	0.500-20 UNF	.86 21.8	.80 20.3	.88 22.4	.218 5.5	.75 19.1	.88 22.4	.86 21.8	.63 16.0	1.32 33.5	.90 22.9
10	0.625-24 UNEF	.98 24.9	.88 22.4	.94 23.9	.264 6.7	.88 22.4	.94 23.9	.91 23.1	.65 16.5	1.35 34.3	.96 24.4
12	0.750-20 UNEF	1.16 29.5	1.00 25.4	1.17 29.7	.345 8.8	1.00 25.4	1.03 26.2	1.02 25.9	.71 18.0	1.43 36.3	1.05 26.7
14	0.875-20 UNEF	1.28 32.5	1.00 25.4	1.28 32.5	.461 11.7	1.13 28.7	1.13 28.7	1.13 28.7	.76 19.3	1.48 37.6	1.11 28.2
16	1.000-20 UNEF	1.41 35.8	1.13 28.7	1.41 35.8	.544 13.8	1.25 31.8	1.31 33.3	1.26 32.0	.80 20.3	1.58 40.1	1.17 29.7
18	1.0625-18 UNEF	1.52 38.6	1.19 30.2	1.50 38.1	.614 15.6	1.38 35.1	1.38 35.1	1.31 33.3	.83 21.1	1.70 43.2	1.23 31.2
20	1.1875-18 UNEF	1.64 41.7	1.25 31.8	1.56 39.6	.697 17.7	1.50 38.1	1.50 38.1	1.37 34.8	.90 22.9	1.74 44.2	1.29 32.8
22	1.3125-18 UNEF	1.77 45.0	1.38 35.1	1.69 42.9	.780 19.8	1.63 41.4	1.63 41.4	1.45 36.8	.94 23.9	1.79 45.5	1.36 34.5
24	1.4375-18 UNEF	1.89 48.0	1.50 38.1	1.82 46.2	.850 21.6	1.75 44.5	1.75 44.5	1.52 38.6	.97 24.6	1.83 46.5	1.41 35.8
28	1.750-18 UNS	2.16 54.9	1.75 44.5	1.94 49.3	.950 24.1	2.00 50.8	1.79 45.5	1.68 42.7	1.02 25.9	2.13 54.1	1.47 37.3

Series 62 Saddle Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

319A*175 Saddle Clamp with EMI Braid Sock

Self-Locking



Shielded. Self-locking. Full radius saddles. Saddle clamp has shielding braid attached to EMI adapter. Fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Self-locking stainless steel clinch nuts. Aluminum or SST coupling nut and frame, with SST saddles. Straight, 45° and 90° profiles.

Adapter Code A	
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

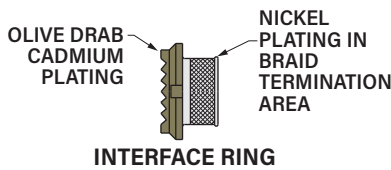
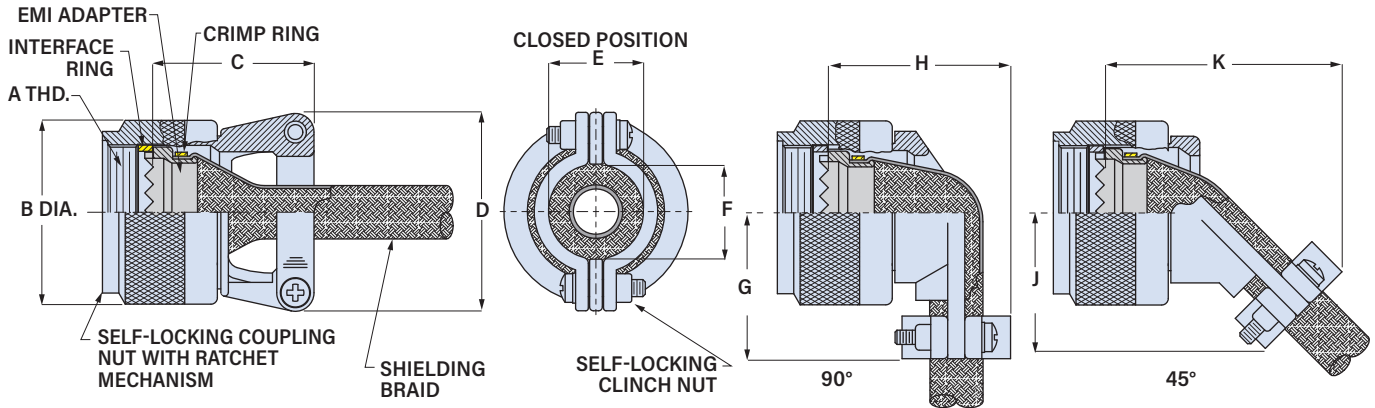


Figure 1
Finish Code NF selective Cad/Ni

PART NUMBER

		319AS175	ZI	10	L	R
Base P/N	319AS175 Straight 319AA175 90° 319AB175 45°					
Material/ Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI Stainless Steel/ Passivate					
Shell Size	08 10 12 14 16 18 20 22 24					
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i> T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid					
Splice ring and Band	<i>Omit if not required</i> R Splice ring and coiled band supplied with clamp					
Braid Length	<i>Omit for standard 12 inch length</i> 14 Length in 1 inch increments, 6 inch min. "14" = 14 inches.					



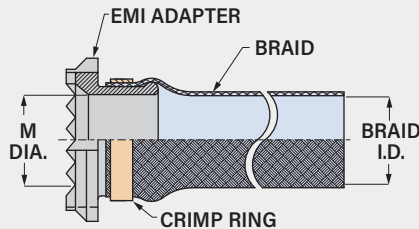
Shell Size	A Thread Class 2B	øB Max in	mm	C Max in	mm	D Max in	mm	E ± .031(0.8) in	mm	F Min in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Max in	mm
08	0.500-20 UNF	.812	20.6	.987	25.1	.922	23.4	.265	6.7	.27	6.9	.97	24.6	1.20	30.5	.964	24.5	1.428	36.3
10	0.625-24 UNEF	.936	23.8	1.095	27.8	.968	24.6	.310	7.9	.31	7.9	1.06	26.9	1.28	32.5	1.050	26.7	1.498	38.1
12	0.750-20 UNEF	1.060	26.9	1.199	30.5	1.189	30.2	.390	9.9	.38	9.7	1.16	29.5	1.40	35.6	1.112	28.2	1.548	39.3
14	0.875-20 UNEF	1.200	30.5	1.208	30.7	1.305	33.2	.506	12.9	.51	13.0	1.34	34.0	1.48	37.6	1.175	29.9	1.648	41.9
16	1.000-20 UNEF	1.318	33.5	1.468	37.3	1.389	35.3	.591	15.0	.59	15.0	1.41	35.8	1.56	39.6	1.230	31.2	1.768	44.9
18	1.0625-18 UNEF	1.434	36.4	1.551	39.4	1.458	37.1	.661	16.8	.66	16.8	1.53	38.9	1.68	42.7	1.293	32.8	1.808	45.9
20	1.1875-18 UNEF	1.540	39.1	1.676	42.6	1.543	39.2	.744	18.9	.74	18.8	1.66	42.2	1.72	43.7	1.365	34.7	1.858	47.2
22	1.3125-18 UNEF	1.671	42.4	1.759	44.7	1.628	41.4	.826	21.0	.83	21.1	1.78	45.2	1.79	45.5	1.417	36.0	1.898	48.2
24	1.4375-18 UNEF	1.790	45.5	1.859	47.2	1.697	43.1	.896	22.8	.90	22.9	1.89	48.0	1.88	47.8	1.500	38.1	2.000	50.8

Series 62 Saddle Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

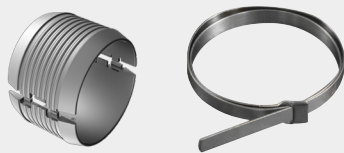
319A*175 Saddle Clamp with EMI Braid Sock

EMI ADAPTER AND BRAID DIMENSIONS

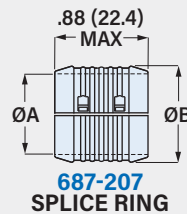


Shell Size	ø M Min.		Braid I.D.	
	in	mm	in	mm
08	.265	6.7	.375	9.5
10	.370	9.4	.375	9.5
12	.506	12.9	.500	12.7
14	.580	14.7	.500	12.7
16	.705	17.9	.781	19.8
18	.784	19.9	.781	19.8
20	.909	23.1	1.000	25.4
22	1.034	26.3	1.000	25.4
24	1.149	29.2	1.250	31.8

SPLICE RING AND PRE-COILED BAND (R OPTION)



Optional split splice ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap splice ring over wire bundle braid, then overlap braid sock and cable braid. Install band around splice ring and braid using Band-Master ATS® standard banding tool.



687-207
SPLICE RING



Banding Tool

Shell Size	Splice ring Part Number	øA		øB	
		±.030 (0.8) in	±.030 (0.8) mm	±.030 (0.8) in	±.030 (0.8) mm
08	687-207XB04	.25	6.4	.40	10.2
10	687-207XB06	.38	9.7	.53	13.5
12	687-207XB08	.50	12.7	.65	16.5
14	687-207XB10	.63	16.0	.78	19.8
16	687-207XB12	.75	19.1	.90	22.9
18	687-207XB14	.88	22.4	1.03	26.2
20	687-207XB16	1.00	25.4	1.15	29.2
22	687-207XB18	1.13	28.7	1.28	32.5
24	687-207XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

Body, coupling nut: aluminum or stainless steel

Saddle bars: stainless steel/passivated

EMI adapter and interface ring: brass, plated per finish code. For finish code NF, adapter is selectively plated as shown in fig. 1. For finish code Z1, adapter and ring are plated electroless nickel

Crimp ring: copper/tin

Screws, washers: stainless steel/passivated

Clinch nuts: stainless steel/silver

Anti-decoupling spring: thermoplastic (aluminum versions) or SST (SST versions)

Coupling nut retainer wire: monel

Band strap: stainless steel

Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N

Code T: 34 AWG tin-coated copper, type AA59569R34T

Code A: **AmberStrand**® ultralightweight nickel-coated polymer

Code L: **ArmorLite**® microfilament nickel-coated 316L stainless steel

Series 62 Saddle Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

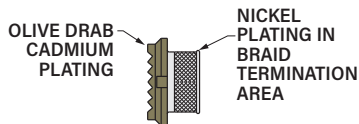
319A*201 Saddle Clamp with EMI Braid Sock, Composite

Self-Locking



Shielded. Self-locking. Composite. Saddle clamp has brass EMI adapter attached to 12 inches (30 cm) of shielding braid. Fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Captive self-locking clinch nuts, full radius saddles. Available with ArmorLite® lightweight microfilament SST braid. Straight, 45° and 90° profiles.

Adapter Code	A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	



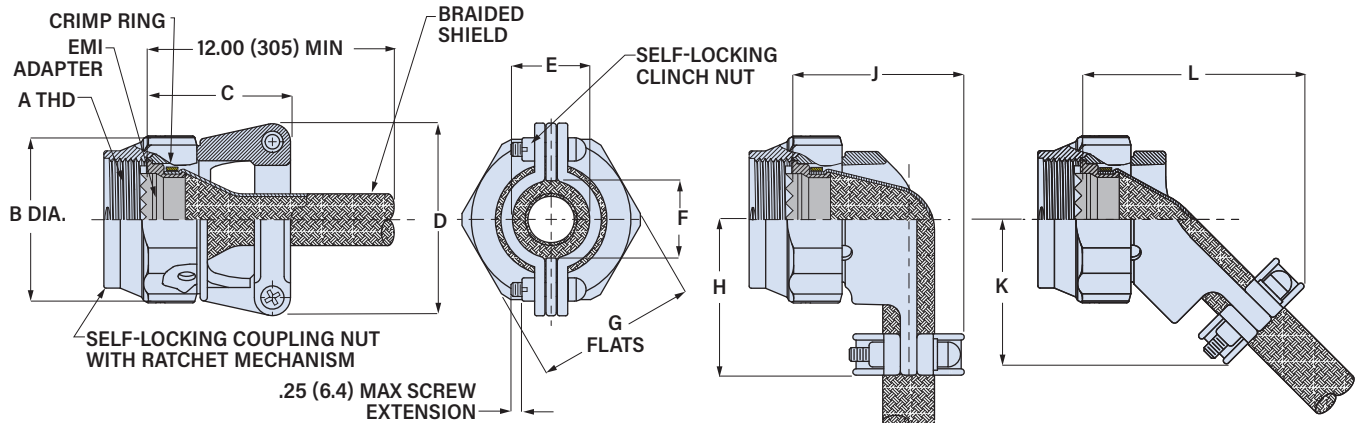
INTERFACE RING

Figure 1

Finish Code XN selective Cad/Ni

PART NUMBER

		319AS201	XB	10	L	R
Base P/N	319AS201 Straight 319AA201 90° 319AB201 45°					
EMI Adapter Finish	XB Electroless Nickel XMT Nickel/PTFE XN Olive Drab Cadmium, selective (fig.1)					
Shell Size	08 10 12 14 16 18 20 22 24					
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i> T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid					
Splice ring and Band	<i>Omit if not required</i> R Splice ring and coiled band supplied with clamp					
Braid Length	<i>Omit for standard 12 inch length</i> 14 Length in 1 inch increments, 6 inch min. "14" = 14 inches.					



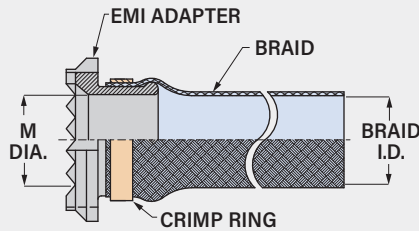
Shell Size	A Thread Class 2B	øB Max		C Max		D Max		E ± .031(0.79)		90° F Min		G Flats (ref)		H Max		45° J Max		K Max		L Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.86	21.8	.939	23.9	.88	22.4	.265	6.7	.22	5.6	.75	19.1	.91	23.1	1.128	28.7	.901	22.9	1.388	35.3
10	0.625-24 UNEF	.98	24.9	1.059	26.9	.94	23.9	.310	7.9	.27	6.9	.88	22.4	.97	24.6	1.168	29.7	.964	24.5	1.428	36.3
12	0.750-20 UNEF	1.16	29.5	1.199	30.5	1.17	29.7	.390	9.9	.35	8.9	1.00	25.4	1.06	26.9	1.248	31.7	1.050	26.7	1.498	38.0
14	0.875-20 UNEF	1.28	32.5	1.199	30.5	1.28	32.5	.506	12.9	.47	11.9	1.13	28.7	1.16	29.5	1.368	34.7	1.112	28.2	1.548	39.3
16	1.000-20 UNEF	1.41	35.8	1.329	33.8	1.41	35.8	.591	15.0	.55	14.0	1.25	31.8	1.34	34.0	1.448	36.8	1.175	29.8	1.648	41.9
18	1.0625-18 UNEF	1.52	38.6	1.509	38.3	1.50	38.1	.661	16.8	.62	15.7	1.38	35.1	1.41	35.8	1.528	38.8	1.230	31.2	1.768	44.9
20	1.1875-18 UNEF	1.64	41.7	1.609	40.9	1.56	39.6	.744	18.9	.70	17.8	1.50	38.1	1.53	38.9	1.648	41.9	1.293	32.8	1.808	45.9
22	1.3125-18 UNEF	1.77	45.0	1.759	44.7	1.69	42.9	.826	21.0	.78	19.8	1.63	41.4	1.66	42.2	1.688	42.9	1.365	34.7	1.858	47.2
24	1.4375-18 UNEF	1.89	48.0	1.859	47.2	1.82	46.2	.896	22.8	.85	21.6	1.75	44.5	1.78	45.2	1.758	44.7	1.417	36.0	1.898	48.2

Series 62 Saddle Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

319A*201 Saddle Clamp with EMI Braid Sock, Composite

EMI ADAPTER AND BRAID DIMENSIONS

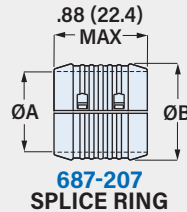


Shell Size	ø M Min.		Braid I.D.	
	in	mm	in	mm
08	.265	6.7	.375	9.5
10	.370	9.4	.375	9.5
12	.506	12.9	.500	12.7
14	.580	14.7	.500	12.7
16	.705	17.9	.781	19.8
18	.784	19.9	.781	19.8
20	.909	23.1	1.000	25.4
22	1.034	26.3	1.000	25.4
24	1.149	29.2	1.250	31.8

SPLICE RING AND PRE-COILED BAND (R OPTION)



Optional split splice ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap splice ring over wire bundle braid, then overlap braid sock and cable braid. Install band around splice ring and braid using Band-Master ATS® standard banding tool.



687-207
SPLICE RING



Banding Tool

Shell Size	Splice ring Part Number	øA		øB	
		±.030 (0.8) in	±.030 (0.8) mm	±.030 (0.8) in	±.030 (0.8) mm
08	687-207XB04	.25	6.4	.40	10.2
10	687-207XB06	.38	9.7	.53	13.5
12	687-207XB08	.50	12.7	.65	16.5
14	687-207XB10	.63	16.0	.78	19.8
16	687-207XB12	.75	19.1	.90	22.9
18	687-207XB14	.88	22.4	1.03	26.2
20	687-207XB16	1.00	25.4	1.15	29.2
22	687-207XB18	1.13	28.7	1.28	32.5
24	687-207XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

- Body, coupling nut, saddles: polyetherimide (PEI)/no finish (black color)
- EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.
- Crimp ring: copper/tin
- Screws, washers, clinch nuts: stainless steel/passivated
- Clinch nuts: stainless steel/silver
- Anti-decoupling spring: high grade engineering thermoplastic
- Splice ring: PEI, black color
- Band strap: stainless steel
- Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N
 - Code T: 34 AWG tin-coated copper, type AA59569R34T
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® microfilament nickel-coated 316L stainless steel

Series 62 Saddle Clamps

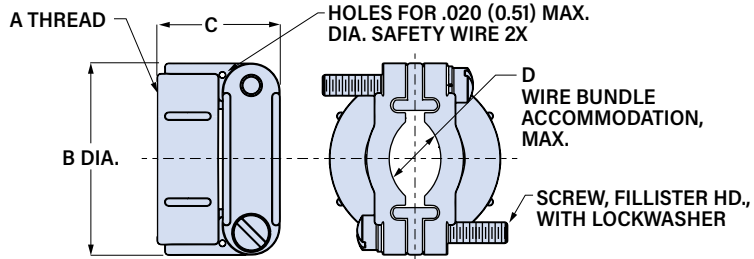
for AS50151 Solder Connectors

620-053A, 620-053C Saddle clamp

620-053 STYLE A SADDLE CLAMP



Direct coupling. Fits AS50151 solder connectors. Style A clamp is a non-environmental light duty saddle clamp conforming to AS85041/41 and MS3057A.



Adapter Code B

Fits AS50151 solder type general duty "A" endbells.

TABLE 1 FINISH CODES

Aluminum	
C Black Anodize	MT Nickel-PTFE
M Electroless Nickel	ZR Black Zinc-Nickel
NF Olive Drab Cadmium	TZ Tin-Zinc

MATERIAL/FINISH

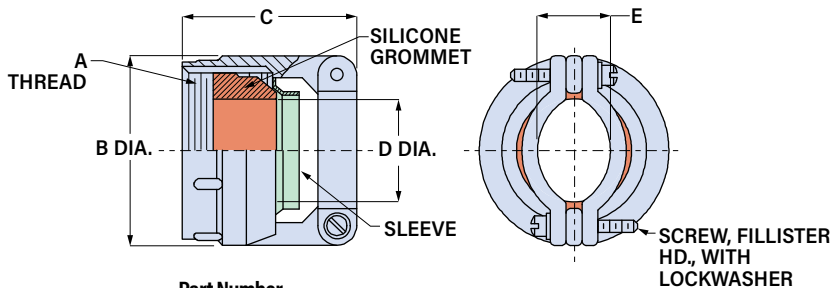
Body, saddles, coupling nut: Aluminum
Screws, washers: stainless steel/passivated

Size	Ref. Connector Shell Size	Part Number * = Finish Code from Table 1	A Thread Class 2B	øB Max in	mm	C ± .03(0.8) in	mm	D Max in	mm
03	8S, 10S	620-053*03A	0.500-28-UNEF	.843	21.4	.812	20.6	.250	6.4
04	10SL, 12S, 12	620-053*04A	0.625-24 UNEF	.906	23.0	.812	20.6	.312	7.9
06	14S, 14	620-053*06A	0.750-20 UNEF	1.093	27.8	.875	22.2	.438	11.1
08	16S, 16	620-053*08A	0.875-20 UNEF	1.187	30.1	.938	23.8	.562	14.3
10	18	620-053*10A	1.000-20 UNEF	1.281	32.5	.938	23.8	.625	15.9
12	20, 22	620-053*12A	1.188-18 UNEF	1.500	38.1	.938	23.8	.750	19.1
16	24, 28	620-053*16A	1.438-18 UNEF	1.719	43.7	1.031	26.2	.938	23.8
20	32	620-053*20A	1.750-18 UNS	2.062	52.4	1.094	27.8	1.250	31.8
24	36	620-053*24A	2.000-18 UNS	2.312	58.7	1.156	29.4	1.375	34.9
28	40	620-053*28A	2.250-16 UN	2.719	69.1	1.688	42.9	1.625	41.3
32	44	620-053*32A	2.500-16 UN	2.969	75.4	1.750	44.5	1.875	47.6
40	48	620-053*40A	3.000-16 UN	3.531	89.7	1.750	44.5	2.375	60.3

620-053 STYLE C SADDLE CLAMP



Direct coupling. Fits AS50151 solder connectors. Style C clamp has silicone rubber cable grommet and aluminum compression sleeve. Meets AS85049/2 Category 1C water immersion requirements.



Adapter Code B

Fits AS50151 solder type general duty "A" endbells.

TABLE 1 FINISH CODES

Aluminum	
C Black Anodize	MT Nickel-PTFE
M Electroless Nickel	ZR Black Zinc-Nickel
NF Olive Drab Cadmium	TZ Tin-Zinc

MATERIAL/FINISH

Body, saddles, coupling nut, sleeve: Aluminum
Screws, washers: stainless steel/passivated
Grommet: silicone rubber

Size	Ref. Connector Shell Size	Part Number * = Finish Code from Table 1	A Thread Class 2B	øB Max in	mm	C Max in	mm	D Open in	mm	E Max Closed in	mm
03	8S, 10S	620-053*03C	0.500-28-UNEF	.812	20.6	1.375	34.9	.219	5.6	.217	5.5
04	10SL, 12S, 12	620-053*04C	0.625-24 UNEF	.937	23.8	1.375	34.9	.312	7.9	.296	7.5
06	14S, 14	620-053*06C	0.750-20 UNEF	1.062	27.0	1.375	34.9	.438	11.1	.390	9.9
08	16S, 16	620-053*08C	0.875-20 UNEF	1.188	30.2	1.375	34.9	.531	13.5	.434	11.0
10	18	620-053*10C	1.000-20 UNEF	1.312	33.3	1.437	36.5	.625	15.9	.434	11.0
12	20, 22	620-053*12C	1.188-18 UNEF	1.562	39.7	1.437	36.5	.750	19.1	.596	15.1
16	24, 28	620-053*16C	1.438-18 UNEF	1.750	44.5	1.562	39.7	.956	23.8	.596	15.1
20	32	620-053*20C	1.750-18 UNS	2.250	57.2	1.812	46.0	1.250	31.8	.858	21.8
24	36	620-053*24C	2.000-18 UNS	2.375	60.3	2.062	52.4	1.375	34.9	.858	21.8
28	40	620-053*28C	2.250-16 UN	2.625	66.7	2.062	52.4	1.625	41.3	1.107	28.1
32	44	620-053*32C	2.500-16 UN	2.812	71.4	2.188	55.6	1.875	47.6	1.421	36.1

Series 62 Saddle Clamps

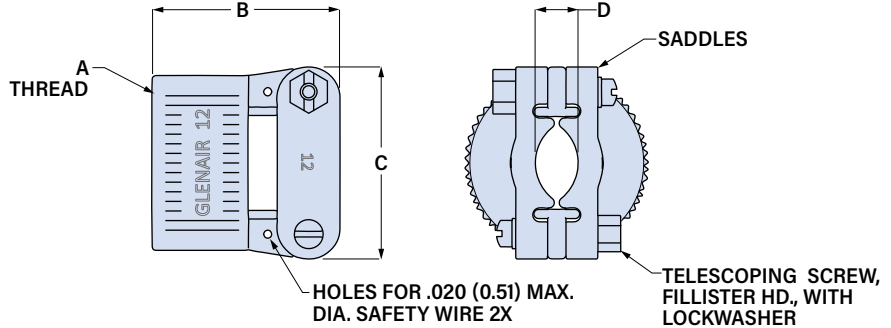
for AS50151 Solder Connectors

620-053H Saddle clamp

620-053 STYLE H SADDLE CLAMP



Direct coupling. Fits AS50151 solder connectors. Style H is a non-environmental heavy duty saddle clamp conforming to AS85049/42 and MS3057D. Aluminum or stainless steel.



Adapter Code B
Fits AS50151 solder type general duty "A" endbells.

TABLE 1 FINISH CODES

Aluminum		Stainless Steel	
C Black Anodize		Z1 Passivate	
M Electroless Nickel		ZU Black Cadmium	
NF Olive Drab Cadmium			
MT Nickel-PTFE			
ZR Black Zinc-Nickel			
TZ Tin-Zinc			

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST
Screws, washers: stainless steel/passivated

Size	Ref. Connector Shell Size	Part Number * = Finish Code from Table 1	A Thread Class 2B	øB Max		C Max		D Cable Range			
				in	mm	in	mm	Min in	Min mm	Max in	Max mm
03	10SL, 12S, 12	620-053*04H	0.625-24 UNEF	1.312	33.3	.957	24.3	.125	3.2	.312	7.9
04	14S, 14	620-053*06H	0.750-20 UNEF	1.312	33.3	1.145	29.1	.250	6.4	.437	11.1
06	16S, 16	620-053*08H	0.875-20 UNEF	1.312	33.3	1.332	33.8	.312	7.9	.562	14.3
08	18	620-053*10H	1.000-20 UNEF	1.312	33.3	1.332	33.8	.350	8.9	.625	15.9
12	20, 22	620-053*12H	1.188-18 UNEF	1.344	34.1	1.551	39.4	.500	12.7	.750	19.1
16	24, 28	620-053*16H	1.438-18 UNEF	1.438	36.5	1.770	45.0	.625	15.9	.937	23.8
20	32	620-053*20H	1.750-18 UNS	1.625	41.3	2.113	53.7	.875	22.2	1.250	31.8
24	36	620-053*24H	2.000-18 UNS	1.688	42.9	2.363	60.0	1.000	25.4	1.375	34.9
28	40	620-053*28H	2.250-16 UN	1.938	49.2	2.770	70.4	1.250	31.8	1.625	41.3
32	44	620-053*32H	2.500-16 UN	1.938	49.2	3.020	76.7	1.437	36.5	1.875	47.6

Series 62 Saddle Clamps

for MIL-DTL-38999 Series I and II Connectors

620F*038 Saddle Clamp, Self-Locking



Self-Locking

Self-locking. Full radius saddles. Open frame saddle clamp fits MIL-DTL-38999 Series I and II connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Die cast saddles have self-locking stainless steel clinch nuts. Full radius saddles are intended to be fully closed (bottomed onto frame). Wrap wire bundle with silicone tape so that the saddles, when fully closed, securely grip the wire bundle. Straight, 45° and 90° profiles. Aluminum or stainless steel.

Adapter Code **F**

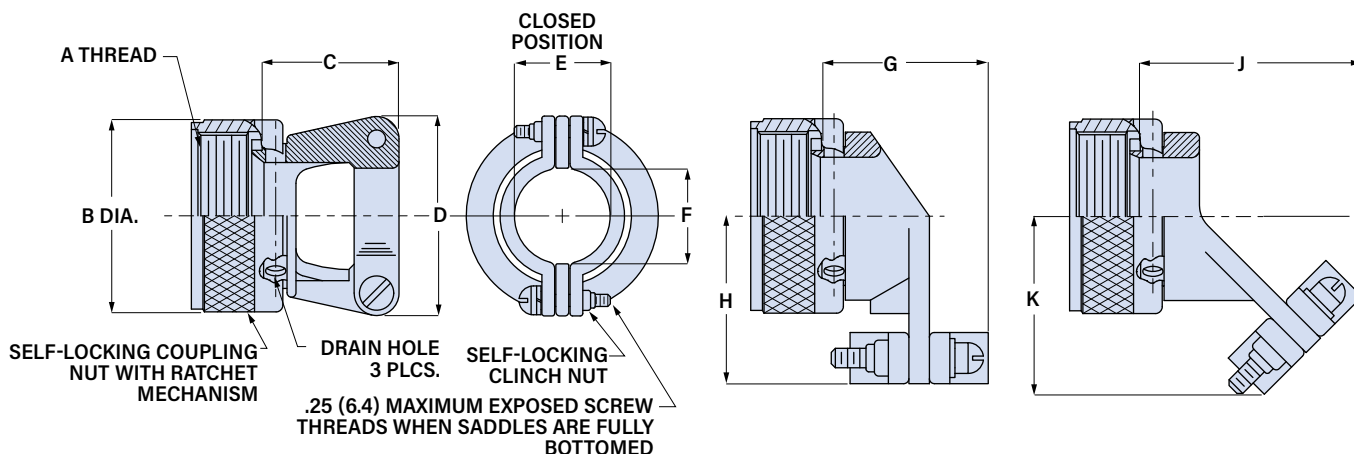
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

MATERIAL/FINISH

Body, saddles, coupling nut: Aluminum or SST
Screws, washers, clinch nuts: stainless steel
Anti-decoupling spring: thermoplastic
(aluminum clamps) or SST (SST clamps)

PART NUMBER

		620FS038	MT	16						
Base P/N	620FS038	Straight								
	620FB038	45°								
	620FA038	90°								
Material/Finish	C	Alum/Black Anodize								
	M	Alum/Electroless Nickel								
	MT	Alum/Nickel-PTFE								
	NF	Alum/Olive Drab Cadmium								
	ZR	Alum/Black Zinc-Nickel								
	TZ	Alum/Tin-Zinc								
	ZI	SST/Passivated								
Size Code		Shell Size								
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24



Shell Size	A Thread UNEF-2B	øB Max in	mm	C Max in	mm	D Max in	mm	E ±.031 (0.79) in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Max in	mm
8/9	0.4375-28	.858	21.8	.840	21.3	.98	24.9	.219	5.6	.22	5.6	1.06	26.9	.91	23.1	1.32	33.5	.90	22.9
10/11	0.5625-24	.984	25.0	.960	24.4	1.05	26.7	.264	6.7	.27	6.9	1.10	27.9	.97	24.6	1.36	34.5	.97	24.6
12/13	0.6875-24	1.157	29.4	1.100	27.9	1.20	30.5	.344	8.7	.35	8.9	1.18	30.0	1.06	26.9	1.43	36.3	1.05	26.7
14/15	0.8125-20	1.279	32.5	1.100	27.9	1.30	33.0	.460	11.7	.47	11.9	1.30	33.0	1.16	29.5	1.48	37.6	1.11	28.2
16/17	0.9375-20	1.406	35.7	1.230	31.2	1.44	36.6	.545	13.8	.55	14.0	1.38	35.1	1.34	34.0	1.58	40.1	1.18	30.0
18/19	1.0625-18	1.516	38.5	1.410	35.8	1.56	39.6	.615	15.6	.62	15.7	1.46	37.1	1.41	35.8	1.70	43.2	1.23	31.2
20/21	1.1875-18	1.642	41.7	1.510	38.4	1.69	42.9	.698	17.7	.70	17.8	1.58	40.1	1.53	38.9	1.74	44.2	1.29	32.8
22/23	1.3125-18	1.768	44.9	1.660	42.2	1.77	45.0	.780	19.8	.78	19.8	1.62	41.1	1.66	42.2	1.79	45.5	1.37	34.8
24/25	1.4375-18	1.869	47.5	1.760	44.7	1.89	48.0	.850	21.6	.85	21.6	1.69	42.9	1.78	45.2	1.83	46.5	1.42	36.1

Series 62 Saddle Clamps

for MIL-DTL-38999 Series I and II Connectors

620F*042 Saddle Clamp, Composite



Self-Locking

Self-locking. Full radius saddles. Lightweight, corrosion-free composite saddle clamp fits MIL-DTL-38999 Series I and II connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Telescoping screws. Full radius saddles are intended to be bottomed onto frame. High temperature thermoplastic. Straight, 45° and 90° profiles.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PART NUMBER

620FS042 XM 08

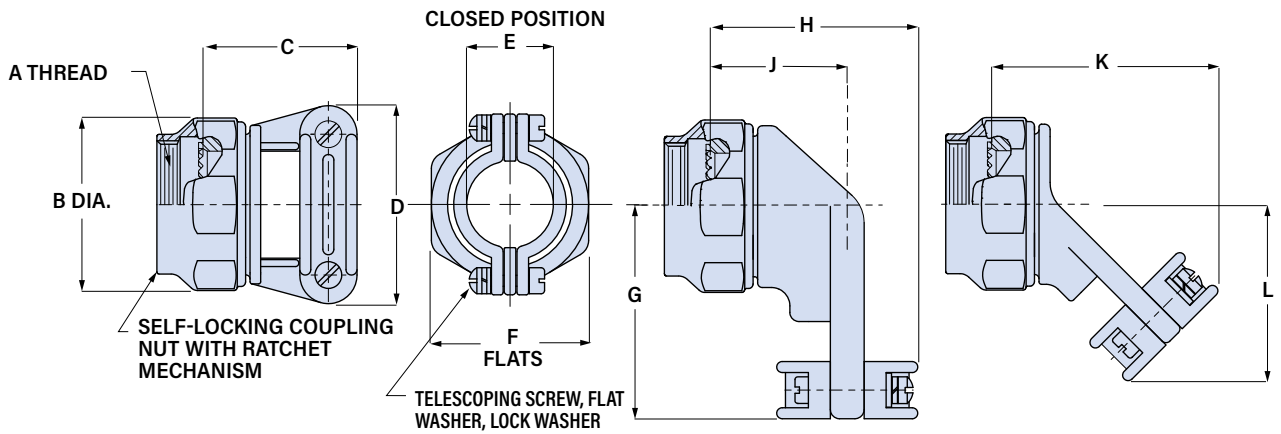
Base P/N	620FS042 Straight
	620FB042 45°
	620FA042 90°

Clamp Body Finish	XM Electroless Nickel
	XW Olive Drab Cadmium
	XB Unplated, Black Color
	XO Unplated, Natural (amber) Color
	XZN Black Zinc-Nickel

MATERIAL/FINISH

Coupling nut, saddles: polyetherimide (PEI), unplated
Clamp Body: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

Size Code	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24



Shell Size	A Thread UNEF-2B	øB Max		C ± .06(1.5)		D ± .06(1.5)		E ± .03(0.8)		F Flats (ref)		G ± .06(1.5)		H ± .06(1.5)		J Ref		K Max		L Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8, 9	0.4375-28	.86	21.8	.80	20.3	.88	22.4	.218	5.5	.75	19.1	.88	22.4	.86	21.8	.63	16.0	1.32	33.5	.90	22.9
10, 11	0.5625-24	.98	24.9	.88	22.4	.94	23.9	.264	6.7	.88	22.4	.94	23.9	.91	23.1	.65	16.5	1.35	34.3	.96	24.4
12, 13	0.6875-24	1.16	29.5	1.00	25.4	1.17	29.7	.345	8.8	1.00	25.4	1.03	26.2	1.02	25.9	.71	18.0	1.43	36.3	1.05	26.7
14, 15	0.8125-20	1.28	32.5	1.00	25.4	1.28	32.5	.461	11.7	1.13	28.7	1.13	28.7	1.13	28.7	.76	19.3	1.48	37.6	1.11	28.2
16, 17	0.9375-20	1.41	35.8	1.13	28.7	1.41	35.8	.544	13.8	1.25	31.8	1.31	33.3	1.26	32.0	.80	20.3	1.58	40.1	1.17	29.7
18, 19	1.0625-18	1.52	38.6	1.19	30.2	1.50	38.1	.614	15.6	1.38	35.1	1.38	35.1	1.31	33.3	.83	21.1	1.70	43.2	1.23	31.2
20, 21	1.1875-18	1.64	41.7	1.25	31.8	1.56	39.6	.697	17.7	1.50	38.1	1.50	38.1	1.37	34.8	.90	22.9	1.74	44.2	1.29	32.8
22, 23	1.3125-18	1.77	45.0	1.38	35.1	1.69	42.9	.780	19.8	1.63	41.4	1.63	41.4	1.45	36.8	.94	23.9	1.79	45.5	1.36	34.5
24, 25	1.4375-18	1.89	48.0	1.50	38.1	1.82	46.2	.850	21.6	1.75	44.5	1.75	44.5	1.52	38.6	.97	24.6	1.83	46.5	1.41	35.8

Series 62 Saddle Clamps

for MIL-DTL-38999 Series I and II Connectors

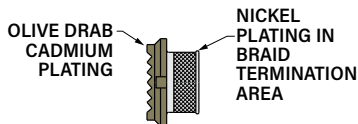
319F*175 Saddle Clamp with EMI Braid Sock

Self-Locking



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II



INTERFACE RING

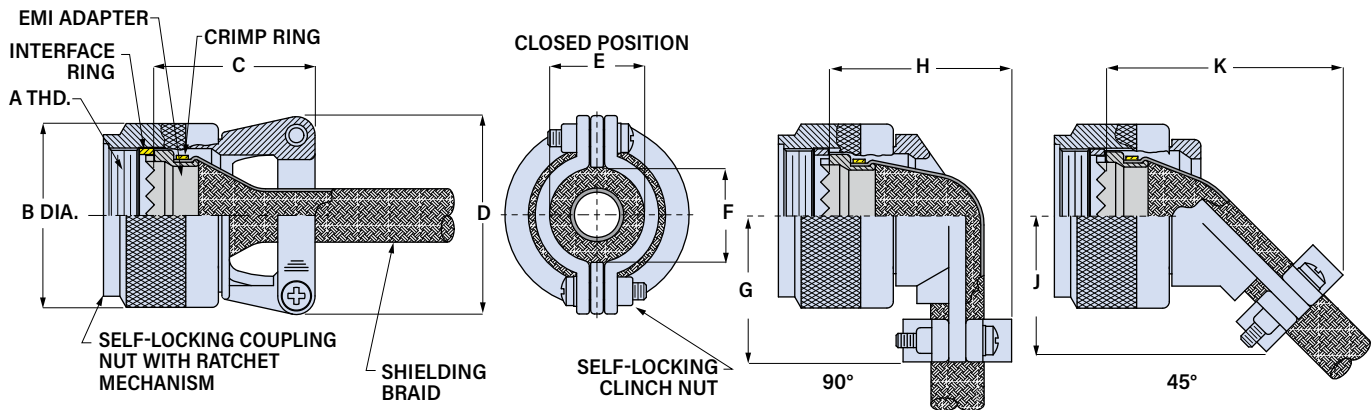
Figure 1

Finish Code NF selective Cad/Ni

Shielded. Self-locking. Full radius saddles. Saddle clamp has shielding braid attached to EMI adapter. Fits MIL-DTL-38999 Series I and II connectors. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Self-locking stainless steel clinch nuts. Aluminum or SST coupling nut and frame, with SST saddles. Straight, 45° and 90° profiles.

PART NUMBER

			319FS175	M	14	L	R	14				
Base P/N	319FS175	Straight										
	319FA175	90°										
	319FB175	45°										
Material/Finish	M	Alum/Electroless Nickel										
	MT	Alum/Nickel-PTFE										
	NF	Alum/Olive Drab Cadmium										
	ZR	Alum/Black Zinc-Nickel										
	TZ	Alum/Tin-Zinc										
	ZI	SST/Passivated										
Size Code			Shell Size									
	38999 Series I	9 11 13	15	17	19	21	23	25				
	38999 Series II	8 10 12	14	16	18	20	22	24				
			Size Code	08	10	12	14	16	18	20	22	24
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i>											
	T	34 AWG Tin/Copper Braid										
	A	AmberStrand® Nickel/Composite Braid										
	L	Microfilament ArmorLite® Nickel/SST Braid										
Splice ring and Band	<i>Omit if not required</i>											
	R	Splice ring and coiled band supplied with clamp										
Braid Length	<i>Omit for standard 12 inch length</i>											
	14	Length in 1 inch increments, 6 inch min. "14" = 14 inches.										



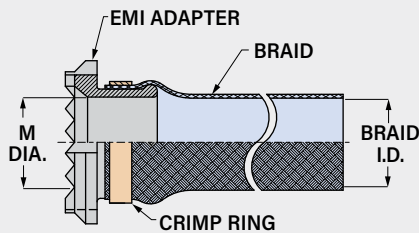
Shell Size	A Thread UNEF-2B	øB Max		C Max		D Max		E ± .031(0.8)		F Min		G Max		H Max		J Max		K Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8, 9	0.4375-28	.812	20.6	.987	25.1	.922	23.4	.265	6.7	.27	6.9	.97	24.6	1.20	30.5	.964	24.5	1.428	36.3
10, 11	0.5625-24	.936	23.8	1.095	27.8	.968	24.6	.310	7.9	.31	7.9	1.06	26.9	1.28	32.5	1.050	26.7	1.498	38.1
12, 13	0.6875-24	1.060	26.9	1.199	30.5	1.189	30.2	.390	9.9	.38	9.7	1.16	29.5	1.40	35.6	1.112	28.2	1.548	39.3
14, 15	0.8125-20	1.200	30.5	1.208	30.7	1.305	33.2	.506	12.9	.51	13.0	1.34	34.0	1.48	37.6	1.175	29.9	1.648	41.9
16, 17	0.9375-20	1.318	33.5	1.468	37.3	1.389	35.3	.591	15.0	.59	15.0	1.41	35.8	1.56	39.6	1.230	31.2	1.768	44.9
18, 19	1.0625-18	1.434	36.4	1.551	39.4	1.458	37.1	.661	16.8	.66	16.8	1.53	38.9	1.68	42.7	1.293	32.8	1.808	45.9
20, 21	1.1875-18	1.540	39.1	1.676	42.6	1.543	39.2	.744	18.9	.74	18.8	1.66	42.2	1.72	43.7	1.365	34.7	1.858	47.2
22, 23	1.3125-18	1.671	42.4	1.759	44.7	1.628	41.4	.826	21.0	.83	21.1	1.78	45.2	1.79	45.5	1.417	36.0	1.898	48.2
24, 25	1.4375-18	1.790	45.5	1.859	47.2	1.697	43.1	.896	22.8	.90	22.9	1.89	48.0	1.88	47.8	1.500	38.1	2.000	50.8

Series 62 Saddle Clamps

for MIL-DTL-38999 Series I and II Connectors

319F*175 Saddle Clamp with EMI Braid Sock

EMI ADAPTER AND BRAID DIMENSIONS

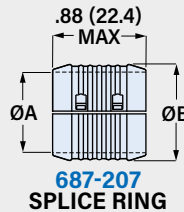


Shell Size	ø M Min. in	mm	Braid I.D. in	mm
8/9	.265	6.73	.375	9.53
10/11	.370	9.40	.375	9.53
12/13	.506	12.85	.500	12.70
14/15	.580	14.73	.500	12.70
16/17	.705	17.91	.781	19.84
18/19	.784	19.91	.781	19.84
20/21	.909	23.09	1.000	25.40
22/23	1.034	26.26	1.000	25.40
24/25	1.149	29.18	1.250	31.75

SPLICE RING AND PRE-COILED BAND (R OPTION)



Optional split splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap Swing-Arm braid and cable braid. Install band around splice ring and braid using Band-Master ATS standard banding tool.



687-207
SPLICE RING



Banding Tool

Shell Size	Splice ring Part Number	øA		øB	
		± .030 (0.8) in	mm	± .030 (0.8) in	mm
8/9	687-207XB04	.25	6.4	.40	10.2
10/11	687-207XB06	.38	9.7	.53	13.5
12/13	687-207XB08	.50	12.7	.65	16.5
14/15	687-207XB10	.63	16.0	.78	19.8
16/17	687-207XB12	.75	19.1	.90	22.9
18/19	687-207XB14	.88	22.4	1.03	26.2
20/21	687-207XB16	1.00	25.4	1.15	29.2
22/23	687-207XB18	1.13	28.7	1.28	32.5
24/25	687-207XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

Body, coupling nut: aluminum or stainless steel

Saddle bars: stainless steel/passivated

EMI adapter and interface ring: brass, plated per finish code. For finish code NF, adapter is selectively plated as shown in fig. 1. For finish code Z1, adapter and ring are plated electroless nickel

Crimp ring: copper/tin

Screws, washers: stainless steel/passivated

Clinch nuts: stainless steel/silver

Anti-decoupling spring: thermoplastic (aluminum versions) or SST (SST versions)

Coupling nut retainer wire: monel

Band strap: stainless steel

Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N

Code T: 34 AWG tin-coated copper, type AA59569R34T

Code A: **AmberStrand**® ultralightweight nickel-coated polymer

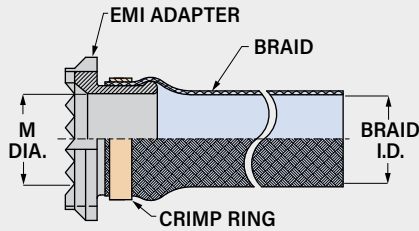
Code L: **ArmorLite**® microfilament nickel-coated 316L stainless steel

Series 62 Saddle Clamps

for MIL-DTL-38999 Series I and II Connectors

319F*201 Saddle Clamp with EMI Braid Sock, Composite

EMI ADAPTER AND BRAID DIMENSIONS

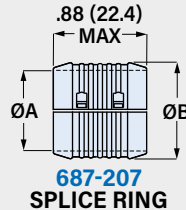


Shell Size	ø M Min.		Braid I.D.	
	in	mm	in	mm
8/9	.265	6.73	.375	9.53
10/11	.370	9.40	.375	9.53
12/13	.506	12.85	.500	12.70
14/15	.580	14.73	.500	12.70
16/17	.705	17.91	.781	19.84
18/19	.784	19.91	.781	19.84
20/21	.909	23.09	1.000	25.40
22/23	1.034	26.26	1.000	25.40
24/25	1.149	29.18	1.250	31.75

SPLICE RING AND PRE-COILED BAND (R OPTION)



Optional split splice ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap splice ring over wire bundle braid, then overlap braid sock and cable braid. Install band around splice ring and braid using Band-Master ATS® standard banding tool.



687-207
SPLICE RING



Banding Tool

Shell Size	Splice ring Part Number	øA		øB	
		± .030 (0.8) in	± .030 (0.8) mm	± .030 (0.8) in	± .030 (0.8) mm
8/9	687-207XB04	.25	6.4	.40	10.2
10/11	687-207XB06	.38	9.7	.53	13.5
12/13	687-207XB08	.50	12.7	.65	16.5
14/15	687-207XB10	.63	16.0	.78	19.8
16/17	687-207XB12	.75	19.1	.90	22.9
18/19	687-207XB14	.88	22.4	1.03	26.2
20/21	687-207XB16	1.00	25.4	1.15	29.2
22/23	687-207XB18	1.13	28.7	1.28	32.5
24/25	687-207XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

- Body, coupling nut, saddles: polyetherimide (PEI)/no finish (black color)
- EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.
- Crimp ring: copper/tin
- Screws, washers: stainless steel/passivated
- Clinch nuts: stainless steel/silver
- Anti-decoupling spring: high grade engineering thermoplastic
- Splice ring: PEI, black color
- Band strap: stainless steel
- Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N
 - Code T: 34 AWG tin-coated copper, type AA59569R34T
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® microfilament nickel-coated 316L stainless steel

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

620H*011 Saddle Clamp, General Purpose



Spin coupling, general purpose. 620H*012 saddle clamp fits MIL-DTL-38999 Series III and IV connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Aluminum coupling nut and frame, 300 series stainless steel hardware.

Adapter Code **H**

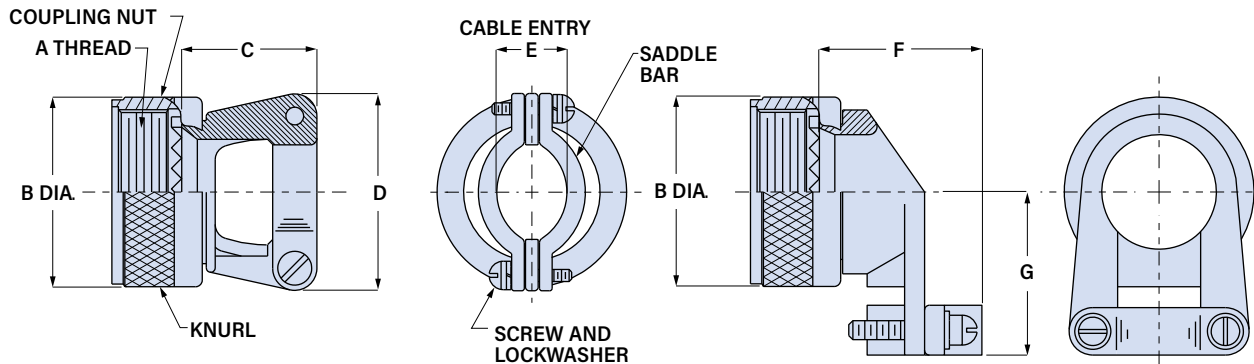
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

Body, saddles, coupling nut : aluminum
Screws, washers, clinch nuts: stainless steel

PART NUMBER

		620HS011	TZ	11						
Base P/N	620HS011 Straight 620HA011 90°									
Material/Finish	C Black Anodize M Electroless Nickel MT Nickel-PTFE NF Olive Drab Cadmium ZR Black Zinc-Nickel TZ Tin-Zinc									
Size Code	Shell Size	9 A	11 B	13 C	15 D	17 E	19 F	21 G	23 H	25 J
	Size Code	09	11	13	15	17	19	21	23	25



Shell Size	A Thread	øB Max.		C Max		D Max		E Cable Entry				F Max.		G Max.		Screw Size
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
9 (A)	M12X1.0-6H	.770	19.6	.88	22.4	.85	21.6	.098	2.5	.234	5.9	.704	17.9	.808	20.5	6-32
11 (B)	M15X1.0-6H	.840	21.3	.88	22.4	.90	22.9	.153	3.9	.234	5.9	.786	20.0	.867	22.0	6-32
13 (C)	M18X1.0-6H	.960	24.4	.98	24.9	1.10	27.9	.190	4.8	.328	8.3	.979	24.9	.929	24.0	6-32
15 (D)	M22X1.0-6H	1.090	27.7	1.03	26.2	1.15	29.2	.260	6.6	.457	11.6	1.039	26.4	.992	25.2	6-32
17 (E)	M25X1.0-6H	1.230	31.2	1.13	28.7	1.30	33.0	.283	7.2	.614	15.6	1.188	30.2	1.056	26.8	6-32
19 (F)	M28X1.0-6H	1.360	34.5	1.38	35.1	1.50	38.1	.325	8.3	.634	16.1	1.300	33.0	1.233	31.3	8-32
21 (G)	M31X1.0-6H	1.480	37.6	1.48	37.6	1.60	40.6	.343	8.7	.698	17.7	1.425	36.2	1.296	32.9	8-32
23 (H)	M34X1.0-6H	1.600	40.6	1.63	41.4	1.70	43.2	.381	9.7	.823	20.9	1.550	39.4	1.358	34.5	8-32
25 (J)	M37X1.0-6H	1.720	43.7	1.73	43.9	1.80	45.7	.418	10.6	.853	21.7	1.675	42.6	1.420	36.1	8-32

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

620H*038 Saddle Clamp, Self-Locking



Self-Locking

Self-locking. Full radius saddles. Open frame saddle clamp fits MIL-DTL-38999 Series III and IV connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Die cast saddle bars have self-locking stainless steel clinch nuts. Full radius saddles are intended to be fully closed (bottomed onto frame). Wrap wire bundle with silicone tape so that the saddles, when fully closed, securely grip the wire bundle. Straight, 45° and 90° profiles. Aluminum or stainless steel.

PART NUMBER

620HS038 MT 23

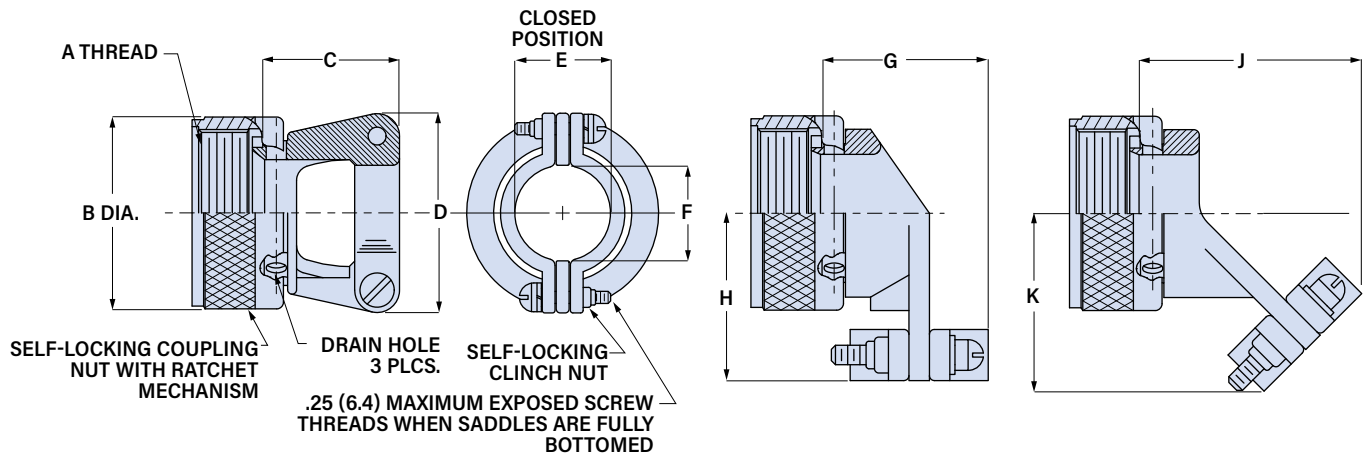
Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

Body, saddles, coupling nut: Aluminum or SST
Screws, washers, clinch nuts: stainless steel
Anti-decoupling spring: thermoplastic (aluminum clamps) or SST (SST clamps)

Base P/N	620HS038	Straight
	620HB038	45°
	620HA038	90°
Material/Finish	C	Alum/Black Anodize
	M	Alum/Electroless Nickel
	MT	Alum/Nickel-PTFE
	NF	Alum/Olive Drab Cadmium
	ZR	Alum/Black Zinc-Nickel
	TZ	Alum/Tin-Zinc
ZI	SST/Passivated	
Size Code	Shell Size	9 11 13 15 17 19 21 23 25
	Size Code	09 11 13 15 17 19 21 23 25



Shell Size	A Thread	øB Max		C Max		D Max		E ±.031 (0.79)		F Max		G Max		H Max		J Max		K Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.858	21.8	.840	21.3	.98	24.9	.219	5.6	.22	5.6	1.06	26.9	.91	23.1	1.32	33.5	.90	22.9
11 (B)	M15X1.0-6H	.984	25.0	.960	24.4	1.05	26.7	.264	6.7	.27	6.9	1.10	27.9	.97	24.6	1.36	34.5	.97	24.6
13 (C)	M18X1.0-6H	1.157	29.4	1.100	27.9	1.20	30.5	.344	8.7	.35	8.9	1.18	30.0	1.06	26.9	1.43	36.3	1.05	26.7
15 (D)	M22X1.0-6H	1.279	32.5	1.100	27.9	1.30	33.0	.460	11.7	.47	11.9	1.30	33.0	1.16	29.5	1.48	37.6	1.11	28.2
17 (E)	M25X1.0-6H	1.406	35.7	1.230	31.2	1.44	36.6	.545	13.8	.55	14.0	1.38	35.1	1.34	34.0	1.58	40.1	1.18	30.0
19 (F)	M28X1.0-6H	1.516	38.5	1.410	35.8	1.56	39.6	.615	15.6	.62	15.7	1.46	37.1	1.41	35.8	1.70	43.2	1.23	31.2
21 (G)	M31X1.0-6H	1.642	41.7	1.510	38.4	1.69	42.9	.698	17.7	.70	17.8	1.58	40.1	1.53	38.9	1.74	44.2	1.29	32.8
23 (H)	M34X1.0-6H	1.768	44.9	1.660	42.2	1.77	45.0	.780	19.8	.78	19.8	1.62	41.1	1.66	42.2	1.79	45.5	1.37	34.8
25 (J)	M37X1.0-6H	1.869	47.5	1.760	44.7	1.89	48.0	.850	21.6	.85	21.6	1.69	42.9	1.78	45.2	1.83	46.5	1.42	36.1

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

620H*042 Saddle Clamp, Composite



Self-Locking

Self-locking. Full radius saddles. Lightweight, corrosion-proof composite saddle clamp fits MIL-DTL-38999 Series III and IV connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Telescoping screws. Full radius saddles are intended to be bottomed onto frame. High temperature thermoplastic. Straight, 45° and 90° profiles.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

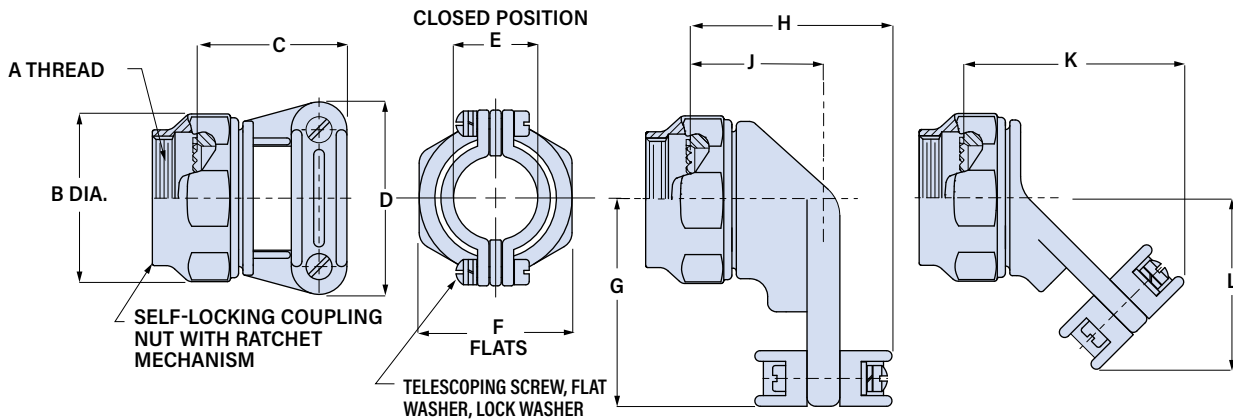
Coupling nut, saddles: polyetherimide (PEI), unplated
Clamp Body: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

PART NUMBER

620HA042 XZN 13

Base P/N	620HS042	Straight
	620HB042	45°
	620HA042	90°
Clamp Body Finish	XM	Electroless Nickel
	XW	Olive Drab Cadmium
	XB	Unplated, Black Color
	XO	Unplated, Natural (amber) Color
	XZN	Black Zinc-Nickel

Size Code	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25



Shell Size	A Thread	øB Max in	mm	C ±.06(1.5) in	mm	D ±.06(1.5) in	mm	E ±.03(0.8) in	mm	F Flats (ref) in	mm	G ±.06(1.5) in	mm	H ±.06(1.5) in	mm	J Ref in	mm	K Max in	mm	L Max in	mm
9 (A)	M12X1.0-6H	.86	21.8	.80	20.3	.88	22.4	.218	5.5	.75	19.1	.88	22.4	.86	21.8	.63	16.0	1.32	33.5	.90	22.9
11 (B)	M15X1.0-6H	.98	24.9	.88	22.4	.94	23.9	.264	6.7	.88	22.4	.94	23.9	.91	23.1	.65	16.5	1.35	34.3	.96	24.4
13 (C)	M18X1.0-6H	1.16	29.5	1.00	25.4	1.17	29.7	.345	8.8	1.00	25.4	1.03	26.2	1.02	25.9	.71	18.0	1.43	36.3	1.05	26.7
15 (D)	M22X1.0-6H	1.28	32.5	1.00	25.4	1.28	32.5	.461	11.7	1.13	28.7	1.13	28.7	1.13	28.7	.76	19.3	1.48	37.6	1.11	28.2
17 (E)	M25X1.0-6H	1.41	35.8	1.13	28.7	1.41	35.8	.544	13.8	1.25	31.8	1.31	33.3	1.26	32.0	.80	20.3	1.58	40.1	1.17	29.7
19 (F)	M28X1.0-6H	1.52	38.6	1.19	30.2	1.50	38.1	.614	15.6	1.38	35.1	1.38	35.1	1.31	33.3	.83	21.1	1.70	43.2	1.23	31.2
21 (G)	M31X1.0-6H	1.64	41.7	1.25	31.8	1.56	39.6	.697	17.7	1.50	38.1	1.50	38.1	1.37	34.8	.90	22.9	1.74	44.2	1.29	32.8
23 (H)	M34X1.0-6H	1.77	45.0	1.38	35.1	1.69	42.9	.780	19.8	1.63	41.4	1.63	41.4	1.45	36.8	.94	23.9	1.79	45.5	1.36	34.5
25 (J)	M37X1.0-6H	1.89	48.0	1.50	38.1	1.82	46.2	.850	21.6	1.75	44.5	1.75	44.5	1.52	38.6	.97	24.6	1.83	46.5	1.41	35.8

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

319H*175 Clamp with EMI Braid Sock

Self-Locking



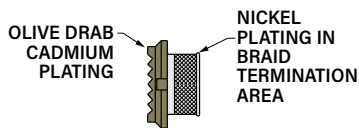
Shielded. Self-locking. Full radius saddles. Saddle clamp has shielding braid attached to EMI adapter. Fits MIL-DTL-38999 Series III and IV connectors. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Self-locking stainless steel clinch nuts. Aluminum or SST coupling nut and frame, with SST saddles. Straight, 45° and 90° profiles.

PART NUMBER

		319HS175	M	14	L	R	14																														
Base P/N	319HS175 Straight 319HA175 90° 319HB175 45°																																				
Material/Finish	M Alum/Electroless Nickel MT Alum/Nickel-PTFE NF Alum/Olive Drab Cadmium ZR Alum/Black Zinc-Nickel TZ Alum/Tin-Zinc ZI SST/Passivated																																				
Size Code	<table border="1"> <tr> <td>Shell Size</td> <td>9</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td><td>25</td> </tr> <tr> <td></td> <td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>J</td> </tr> <tr> <td>Size Code</td> <td>09</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td><td>25</td> </tr> </table>	Shell Size	9	11	13	15	17	19	21	23	25		A	B	C	D	E	F	G	H	J	Size Code	09	11	13	15	17	19	21	23	25						
Shell Size	9	11	13	15	17	19	21	23	25																												
	A	B	C	D	E	F	G	H	J																												
Size Code	09	11	13	15	17	19	21	23	25																												
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i> T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid																																				
Splice ring and Band	<i>Omit if not required</i> R Splice ring and coiled band supplied with clamp																																				
Braid Length	<i>Omit for standard 12 inch length</i> 14 Length in 1 inch increments, 6 inch min. "14" = 14 inches.																																				

Adapter Code **H**

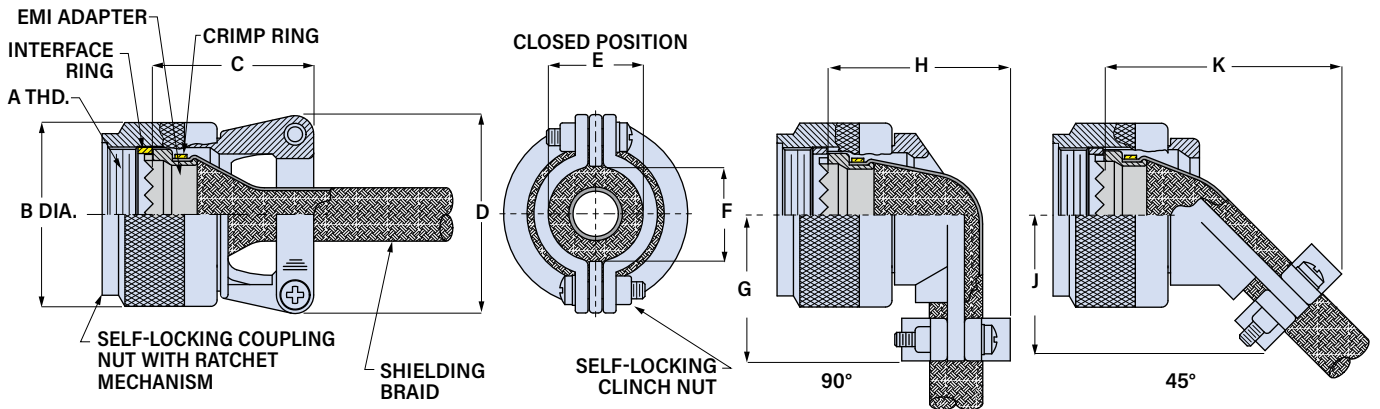
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV



INTERFACE RING

Figure 1

Finish Code NF selective Cad/Ni



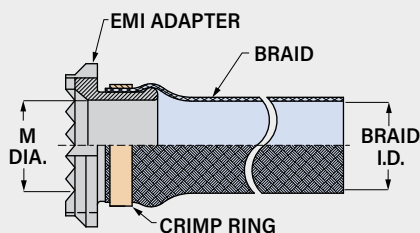
Shell Size	A Thread	øB Max in	mm	C Max in	mm	D Max in	mm	E ± .031(0.8) in	mm	F Min in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Max in	mm
9 (A)	M12X1.0-6H	.812	20.62	.987	25.07	.922	23.42	.265	6.73	.27	6.9	.97	24.6	1.20	30.5	.964	24.49	1.428	36.27
11 (B)	M15X1.0-6H	.936	23.77	1.095	27.81	.968	24.59	.310	7.87	.31	7.9	1.06	26.9	1.28	32.5	1.050	26.67	1.498	38.05
13 (C)	M18X1.0-6H	1.060	26.92	1.199	30.45	1.189	30.20	.390	9.91	.38	9.7	1.16	29.5	1.40	35.6	1.112	28.24	1.548	39.32
15 (D)	M22X1.0-6H	1.200	30.48	1.208	30.68	1.305	33.15	.506	12.85	.51	13.0	1.34	34.0	1.48	37.6	1.175	29.85	1.648	41.86
17 (E)	M25X1.0-6H	1.318	33.48	1.468	37.29	1.389	35.28	.591	15.01	.59	15.0	1.41	35.8	1.56	39.6	1.230	31.24	1.768	44.91
19 (F)	M28X1.0-6H	1.434	36.42	1.551	39.40	1.458	37.03	.661	16.79	.66	16.8	1.53	38.9	1.68	42.7	1.293	32.84	1.808	45.92
21 (G)	M31X1.0-6H	1.540	39.12	1.676	42.57	1.543	39.19	.744	18.90	.74	18.8	1.66	42.2	1.72	43.7	1.365	34.67	1.858	47.19
23 (H)	M34X1.0-6H	1.671	42.44	1.759	44.68	1.628	41.35	.826	20.98	.83	21.1	1.78	45.2	1.79	45.5	1.417	35.99	1.898	48.21
25 (J)	M37X1.0-6H	1.790	45.47	1.859	47.22	1.697	43.10	.896	22.76	.90	22.9	1.89	48.0	1.88	47.8	1.500	38.10	2.000	50.80

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

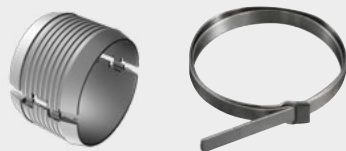
319H*175 Clamp with EMI Braid Sock

EMI ADAPTER AND BRAID DIMENSIONS

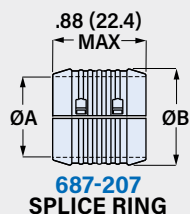


Shell Size	ø M Min.	Braid I.D.
	in mm	in mm
9 (A)	.264 6.71	.375 9.53
11 (B)	.390 9.91	.375 9.53
13 (C)	.504 12.80	.500 12.70
15 (D)	.630 16.00	.500 12.70
17 (E)	.756 19.20	.781 19.84
19 (F)	.843 21.41	.781 19.84
21 (G)	.969 24.61	1.000 25.40
23 (H)	1.091 27.71	1.000 25.40
25 (J)	1.217 30.91	1.250 31.75

SPLICE RING AND PRE-COILED BAND (R OPTION)



Optional split splice ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock and cable braid. Install band around splice ring and braid using Band-Master ATS standard banding tool.



687-207
SPLICE RING



Bandaging Tool

Shell Size	Splice ring Part Number	øA ± .030 (0.8) in mm	øB ± .030 (0.8) in mm
9 (A)	687-207XB04	.25 6.4	.40 10.2
11 (B)	687-207XB06	.38 9.7	.53 13.5
13 (C)	687-207XB08	.50 12.7	.65 16.5
15 (D)	687-207XB10	.63 16.0	.78 19.8
17 (E)	687-207XB12	.75 19.1	.90 22.9
19 (F)	687-207XB14	.88 22.4	1.03 26.2
21 (G)	687-207XB16	1.00 25.4	1.15 29.2
23 (H)	687-207XB18	1.13 28.7	1.28 32.5
25 (J)	687-207XB20	1.25 31.8	1.40 35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

Body, coupling nut: aluminum or stainless steel

Saddle bars: stainless steel/passivated

EMI adapter and interface ring: brass, plated per finish code. For finish code NF, adapter is selectively plated as shown in fig. 1. For finish code Z1, adapter and ring are plated electroless nickel

Crimp ring: copper/tin

Screws, washers: stainless steel/passivated

Clinch nuts: stainless steel/silver

Anti-decoupling spring: thermoplastic (aluminum versions) or SST (SST versions)

Coupling nut retainer wire: monel

Band strap: stainless steel

Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N

Code T: 34 AWG tin-coated copper, type AA59569R34T

Code A: **AmberStrand**® ultralightweight nickel-coated polymer

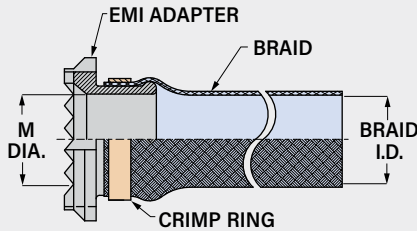
Code L: **ArmorLite**® microfilament nickel-coated 316L stainless steel

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

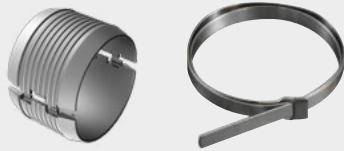
319H*201 Saddle Clamp with EMI Braid Sock, Composite

EMI ADAPTER AND BRAID DIMENSIONS

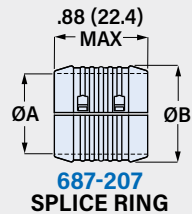


Shell Size	ø M Min.		Braid I.D.	
	in	mm	in	mm
9 (A)	.264	6.71	.375	9.53
11 (B)	.390	9.91	.375	9.53
13 (C)	.504	12.80	.500	12.70
15 (D)	.630	16.00	.500	12.70
17 (E)	.756	19.20	.781	19.84
19 (F)	.843	21.41	.781	19.84
21 (G)	.969	24.61	1.000	25.40
23 (H)	1.091	27.71	1.000	25.40
25 (J)	1.217	30.91	1.250	31.75

SPLICE RING AND PRE-COILED BAND (R OPTION)



Optional split splice ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock and cable braid. Install band around splice ring and braid using Band-Master ATS® standard banding tool.



687-207
SPLICE RING



Band
Tool

Shell Size	Splice ring Part Number	øA		øB	
		±.030 (0.8) in	mm	±.030 (0.8) in	mm
9 (A)	687-207XB04	.25	6.4	.40	10.2
11 (B)	687-207XB06	.38	9.7	.53	13.5
13 (C)	687-207XB08	.50	12.7	.65	16.5
15 (D)	687-207XB10	.63	16.0	.78	19.8
17 (E)	687-207XB12	.75	19.1	.90	22.9
19 (F)	687-207XB14	.88	22.4	1.03	26.2
21 (G)	687-207XB16	1.00	25.4	1.15	29.2
23 (H)	687-207XB18	1.13	28.7	1.28	32.5
25 (J)	687-207XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

- Body, coupling nut, saddles: polyetherimide (PEI)/no finish (black color)
- EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.
- Crimp ring: copper/tin
- Screws, washers, clinch nuts: stainless steel/passivated
- Clinch nuts: stainless steel/silver
- Anti-decoupling spring: high grade engineering thermoplastic
- Splice ring: PEI, black color
- Band strap: stainless steel
- Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N
 - Code T: 34 AWG tin-coated copper, type AA59569R34T
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® microfilament nickel-coated 316L stainless steel

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

620HS090 Saddle Clamp, Expanded Clearance for #8 Sealing Boots

Self-Locking



Self-locking. Full radius saddles. Extra clearance for #8 sealing boots. Extended frame saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Clamp has enlarged inside diameter and longer frame to provide clearance for size 8 coax/twinax/quadrax/octaxial contacts with sealing boots. Extra clearance helps prevent contact splay and damage. Optional electric organizer adds extra anti-splay protection. Full radius saddle bars have self-locking SST clinch nuts. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration.

Adapter Code **H**

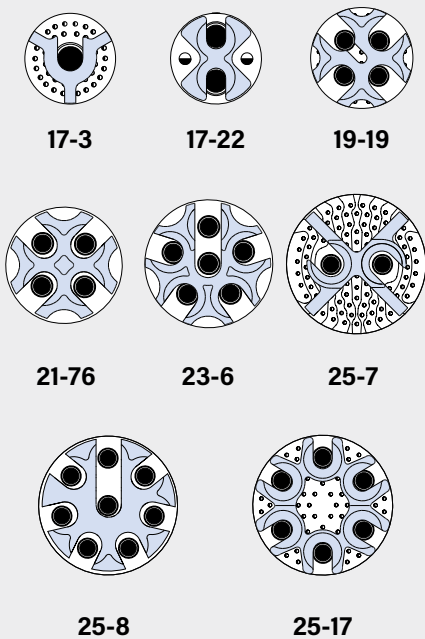
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST, finish per PN build
Organizer: thermoplastic
Screws, washers, clinch nuts: stainless steel
Anti-decoupling spring: high temperature thermoplastic (aluminum clamps) or SST (SST clamps)

ORGANIZER BUSHING

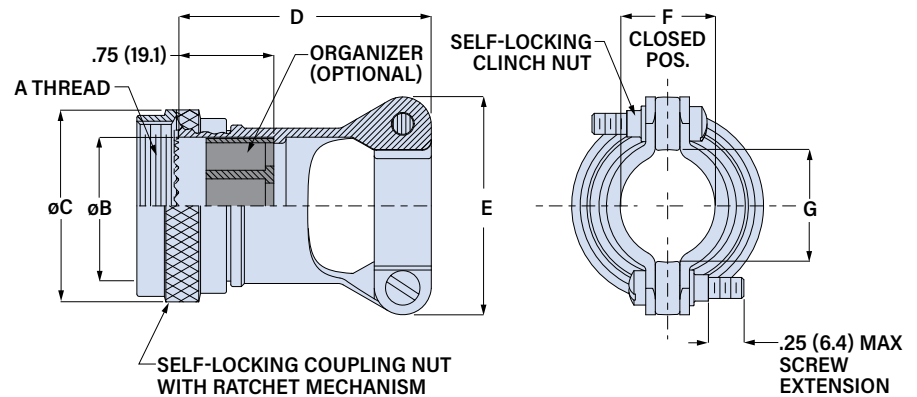
Optional organizer bushing provides additional protection against contact splay and mating damage. Bushing fits MIL-DTL-38999/62 sealing boots. High temperature PEI thermoplastic, black.



PART NUMBER

620HS090 ME 19

Base P/N	620HS090					
Material/Finish	ME	Alum/ Electroless Nickel				
	MT	Alum/ Nickel-PTFE				
	NF	Alum/ Olive Drab Cadmium				
	ZR	Alum/ Black Zinc-Nickel				
	TZ	Alum/ Tin-Zinc				
	ZI	SST/ Passivated				
Shell Size and Arrangement	Shell Size /Arrang.	Shell Size	Organizer Bushing	Shell Size /Arrang.	Shell Size	Organizer Bushing
	09	9 (A)	No	21	21 (G)	No
	11	11 (B)	No	21-76	21 (G)	21-76
	13	13 (C)	No	23	23 (H)	No
	15	15 (D)	No	23-6	23 (H)	23-6
	17	17 (E)	No	25	25 (J)	No
	17-3	17 (E)	17-3	25-7	25 (J)	25-7
	17-22	17 (E)	17-22	25-8	25 (J)	25-8
	19	19 (F)	No	25-17	25 (J)	25-17
	19-19	19 (F)	19-19			



Shell Size	A Thread	øB		øC Max		D		E Max		F		G Min	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.372	9.4	.858	21.8	1.25	31.8	.98	24.9	.219	5.6	.22	5.6
11 (B)	M15X1.0-6H	.470	11.9	.984	25.0	1.31	33.3	1.05	26.7	.264	6.7	.27	6.9
13 (C)	M18X1.0-6H	.584	14.8	1.157	29.4	1.38	35.1	1.20	30.5	.344	8.7	.35	8.9
15 (D)	M22X1.0-6H	.709	18.0	1.279	32.5	1.44	36.6	1.30	33.0	.460	11.7	.47	11.9
17 (E)	M25X1.0-6H	.834	21.2	1.406	35.7	1.50	38.1	1.44	36.6	.545	13.8	.55	14.0
19 (F)	M28X1.0-6H	.940	23.9	1.516	38.5	1.69	42.9	1.56	39.6	.615	15.6	.62	15.7
21 (G)	M31X1.0-6H	1.065	27.1	1.642	41.7	1.75	44.5	1.69	42.9	.698	17.7	.70	17.8
23 (H)	M34X1.0-6H	1.190	30.2	1.768	44.9	1.81	46.0	1.77	45.0	.780	19.8	.78	19.8
25 (J)	M37X1.0-6H	1.320	33.5	1.869	47.5	1.88	47.8	1.89	48.0	.850	21.6	.85	21.6

Series 62 Saddle Clamps

for Series 80 Mighty Mouse Connectors

620MS064 Saddle Clamp, General Purpose, Direct Coupling



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

MATERIAL/FINISH

Body, saddles: aluminum or SST/ finish per PN Build
Screws, washers: stainless steel/passivated

Full radius saddles. Lightweight. Low profile. Direct coupling. Saddle clamp fits Series 80 Mighty Mouse connectors. Aluminum or stainless steel.

PART NUMBER

620MS064

MT

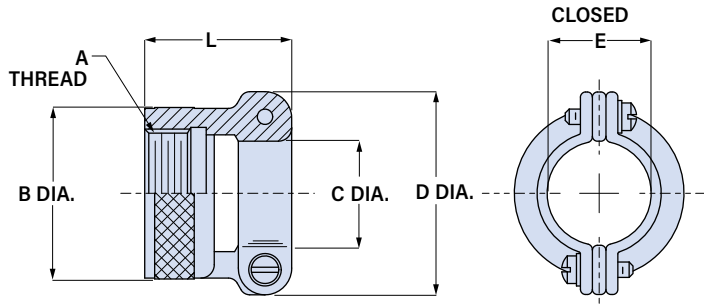
09

Base P/N **620MS064** Straight

Material/Finish

- C** Alum/Black Anodize
- M** Alum/Electroless Nickel
- MT** Alum/Nickel-PTFE
- NF** Alum/Olive Drab Cadmium
- ZR** Alum/Black Zinc-Nickel
- TZ** Alum/Tin-Zinc
- ZI** SST/Passivated

Size Code **05 06 07 08 09 10 11 12 13 14 15 16 17**
See table below for size code



Size Code	Shell Size		A Thread UNEF-2B	øB Max.		C Dia.		D Dia.		E Closed		L Max.	
	Series 800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm
05	5	N/A	0.250-32	.350	8.9	.119	3.0	.496	12.6	.11	2.8	.625	15.9
06	6	N/A	0.3125-32	.415	10.5	.182	4.6	.582	14.8	.17	4.3	.625	15.9
11	N/A	8	0.3750-32	.465	11.8	.182	4.6	.582	14.8	.17	4.3	.625	15.9
07	7	9	0.4375-28	.530	13.5	.244	6.2	.656	16.7	.23	5.8	.688	17.5
08	8	10	0.500-28	.595	15.1	.307	7.8	.726	18.4	.30	7.6	.688	17.5
09	9	11	0.5625-24	.650	16.5	.307	7.8	.726	18.4	.30	7.6	.750	19.1
10	10	12	0.625-24	.715	18.2	.369	9.4	.885	22.5	.36	9.1	.875	22.2
12	11, 12, 13	13	0.6875-24	.785	19.9	.432	11.0	.952	24.2	.42	10.7	.875	22.2
13	N/A	15	0.750-20	.830	21.1	.432	11.0	.952	24.2	.42	10.7	.875	22.2
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9	.494	12.6	1.018	25.9	.48	12.2	1.000	25.4
15	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9	.619	15.7	1.148	29.2	.61	15.5	1.000	25.4
16	19	21	1.0625-18	1.155	29.3	.744	18.9	1.273	32.3	.73	18.5	1.000	25.4
17	21	23	1.1875-18	1.280	32.5	.869	22.1	1.400	35.6	.86	21.8	1.125	28.6

Series 62 Saddle Clamps

for Series 80 Mighty Mouse Connectors

620M*065 Saddle Clamp, General Purpose, Spin Coupling



Full radius saddles. Straight, 45° or 90°. Spin coupling. Saddle clamp fits Series 80 Mighty Mouse connectors. Aluminum or stainless steel. Full radius saddles should be fully closed onto frame. Apply silicone tape or resilient bushing to wire bundle to build up diameter to fit the saddles.

PART NUMBER

620MS065 M 13

Base P/N
620MS065 Straight
620MA065 90°
620MB065 45°

Material/Finish
C Alum/Black Anodize
M Alum/Electroless Nickel
MT Alum/Nickel-PTFE
NF Alum/Olive Drab Cadmium
ZR Alum/Black Zinc-Nickel
TZ Alum/Tin-Zinc
ZI SST/Passivated

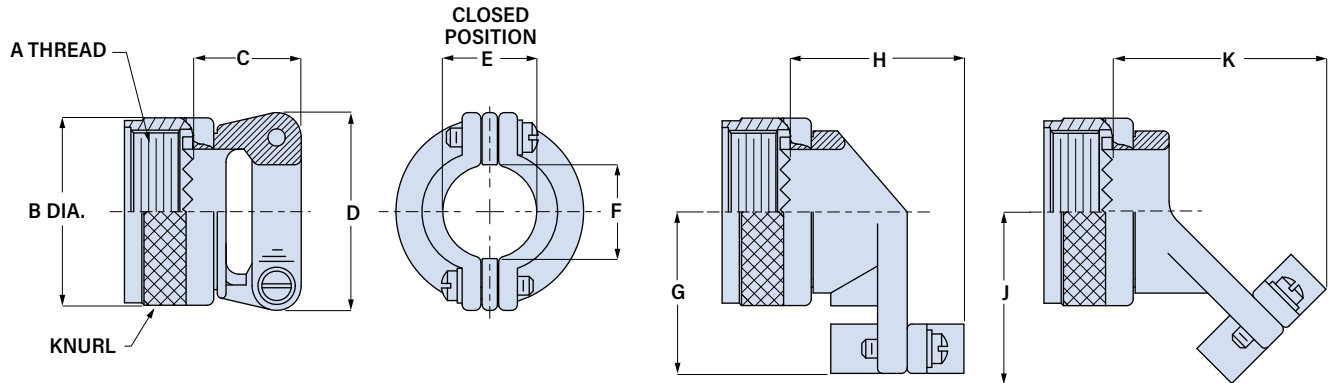
Size Code **05 06 07 08 09 10 11 12 13 14 16 17**
 See table below for size code

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST/ finish per PN Build
 Screws, washers: stainless steel/passivated



Size Code	Shell Size		A Thread UNEF-2B	øB Max.		C Max.		D		E Closed		F		G		H		J		K	
	Series 800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
05	5	N/A	0.250-32	.350	8.9	.688	17.5	.496	12.6	.11	2.8	.119	3.1	.551	14.0	.613	15.6	.511	13.0	.806	20.5
06	6	N/A	0.3125-32	.415	10.5	.688	17.5	.582	14.8	.17	4.3	.182	4.6	.582	14.8	.675	17.2	.542	13.8	.850	21.6
11	N/A	8	0.3750-32	.465	11.8	.688	17.5	.582	14.8	.17	4.3	.182	4.6	.602	15.3	.675	17.2	.562	14.3	.850	21.6
07	7	9	0.4375-28	.530	13.5	.688	17.5	.656	16.7	.23	5.8	.244	6.2	.632	16.1	.675	17.2	.592	15.0	.850	21.6
08	8	10	0.500-28	.595	15.1	.688	17.5	.726	18.4	.30	7.6	.307	7.8	.662	16.8	.743	18.9	.622	15.8	.887	22.5
09	9	11	0.5625-24	.650	16.5	.750	19.1	.726	18.4	.30	7.6	.307	7.8	.691	17.6	.743	18.9	.651	16.5	.887	22.5
10	10	12	0.625-24	.715	18.2	.750	19.1	.885	22.5	.36	9.1	.369	9.4	.846	21.5	.805	20.5	.770	19.6	1.018	25.9
12	11, 12, 13	13	0.6875-24	.785	19.9	.750	19.1	.952	24.2	.42	10.7	.432	11.0	.881	22.4	.868	22.1	.805	20.5	1.061	27.0
13	N/A	15	0.750-20	.830	21.1	.750	19.1	.952	24.2	.42	10.7	.432	11.0	.921	23.4	.868	22.1	.855	21.7	1.091	27.7
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9	.750	19.1	1.018	25.9	.48	12.2	.494	12.6	.998	25.4	.993	25.2	.922	23.4	1.146	29.1
15	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9	.750	19.1	1.148	29.2	.61	15.5	.619	15.7	1.060	26.9	1.055	26.8	.984	25.0	1.208	30.7
16	19	21	1.0625-18	1.155	29.3	.750	19.1	1.273	32.3	.73	18.5	.744	18.9	1.090	27.7	1.243	31.6	.950	24.1	1.325	33.7
17	21	23	1.1875-18	1.280	32.5	.750	19.1	1.400	35.6	.86	21.8	.869	22.1	1.151	29.2	1.312	33.3	1.042	26.5	1.495	38.0

Series 62 Saddle Clamps

for Series 80 Mighty Mouse Connectors

620M*077 Saddle Clamp, Self-Locking

Self-Locking



Self-locking. Full radius saddles. Open frame saddle clamp fits Series 80 Mighty Mouse connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Die cast saddle bars have self-locking stainless steel clinch nuts. Full radius saddles are intended to be fully closed (bottomed onto frame). Aluminum or stainless steel. Straight, 45° and 90° profiles.

Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors

PART NUMBER

620MA077 M 10

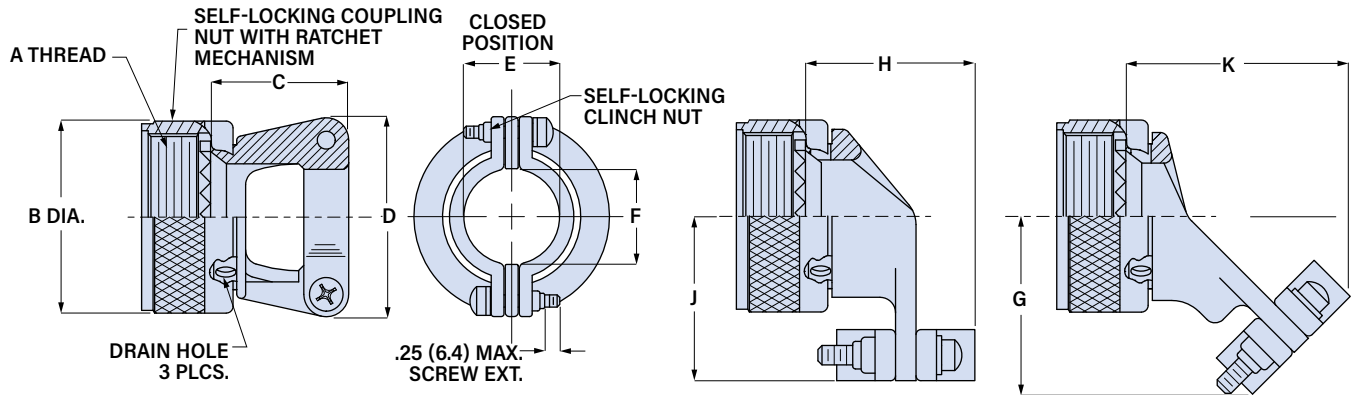
Base P/N 620MS077 Straight
620MA077 90°
620MB077 45°

Material/Finish
C Alum/Black Anodize
M Alum/Electroless Nickel
MT Alum/Nickel-PTFE
NF Alum/Olive Drab Cadmium
ZR Alum/Black Zinc-Nickel
TZ Alum/Tin-Zinc
ZI SST/Passivated

Size Code 06 07 08 09 10 12 14
See table below for size code

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST/ finish per PN Build
Screws, washers: stainless steel/passivated
Clinch nut: stainless steel/ silver
Anti-decoupling spring: thermoplastic (aluminum body) or SST (SST body)



Size Code	Shell Size Series		A Thread UNEF-2B	øB Max.		C Max.		D		E ± .031(0.79)		F Min		G Max		H Max		J Max		K Max	
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
06	6	N/A	0.3125-32	.64	16.3	.83	21.1	.98	24.9	.203	5.2	.22	5.6	.870	22.1	1.030	26.2	.88	22.4	1.29	32.8
07	7	9	0.4375-28	.76	19.3	.84	21.3	.98	24.9	.219	5.6	.22	5.6	.901	22.9	1.060	26.9	.91	23.1	1.32	33.5
08	8	10	0.500-28	.90	22.9	.96	24.4	1.05	26.7	.265	6.7	.27	6.9	.964	24.5	1.100	27.9	.97	24.6	1.36	34.5
09	9	11	0.5625-24	.90	22.9	.96	24.4	1.05	26.7	.265	6.7	.27	6.9	.964	24.5	1.100	27.9	.97	24.6	1.36	34.5
10	10	12	0.625-24	1.01	25.7	.96	24.4	1.05	26.7	.344	8.7	.27	6.9	.964	24.5	1.100	27.9	.97	24.6	1.36	34.5
12	11, 12, 13	13	0.6875-24	1.01	25.7	1.10	27.9	1.20	30.5	.344	8.7	.35	8.9	1.050	26.7	1.180	30.0	1.06	26.9	1.43	36.3
14	14, 15, 16, 17	18, 19	0.9375-20	1.30	33.0	1.23	31.2	1.44	36.6	.545	13.8	.55	14.0	1.175	29.8	1.380	35.1	1.34	34.0	1.58	40.1

Series 62 Saddle Clamps

for Series 80 Mighty Mouse Connectors

620M*061 Saddle Clamp, Composite

Self-Locking



Self-locking. Full radius saddles. Lightweight, corrosion-proof composite saddle clamp fits Glenair Series 80 Mighty Mouse connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Self-locking screws. Full radius saddles are intended to be bottomed onto frame. Straight, 45° and 90° profiles.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

PART NUMBER

620MS061 XM 14

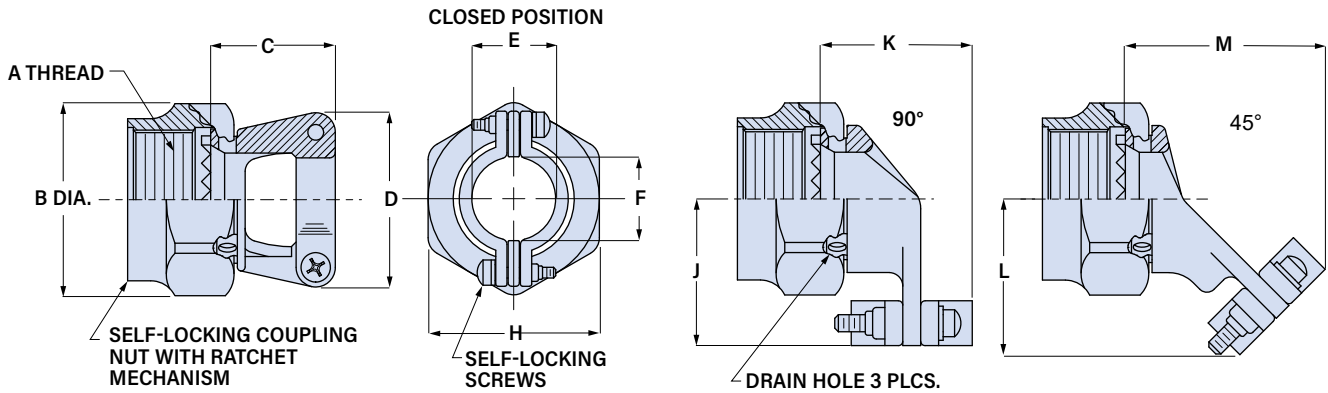
Base P/N
620MS061 Straight
620MB061 45°
620MA061 90°

Clamp Body Finish
XM Electroless Nickel
XW Olive Drab Cadmium
XO Unplated, Black Color
XZN Black Zinc-Nickel

Size Code **06 07 08 09 10 12 14**
 See table below for size code

MATERIAL/FINISH

Coupling nut, saddles: polyetherimide/
 unplated
 Body: polyetherimide/ plated per PN
 Screws, washers: stainless steel
 Clinch nuts: stainless steel/ silver
 Anti-decoupling spring: thermoplastic



Size Code	Shell Size Series		A Thread UNEF-2B	øB Max.		C Max.		D Max.		E ±.031(0.79)		F Min.		H Flats (ref.)		J Max.		K Max.		L Max.		M Max.	
	800, 801, 803, 804	805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
06	6	N/A	0.3125-32	.75	19.1	.83	21.1	.98	24.9	.203	5.16	.22	5.6	.625	15.88	.88	22.4	1.03	26.2	.87	22.1	1.29	32.8
07	7	9	0.4375-28	.86	21.8	.84	21.3	.98	24.9	.265	6.73	.22	5.6	.750	19.05	.91	23.1	1.06	26.9	.91	23.1	1.32	33.5
08	8	10	0.500-28	.98	24.9	.96	24.4	1.05	26.7	.310	7.87	.27	6.9	.875	22.23	.97	24.6	1.10	27.9	.97	24.6	1.36	34.5
09	9	11	0.5625-24	.98	24.9	.96	24.4	1.05	26.7	.310	7.87	.27	6.9	.875	22.23	.97	24.6	1.10	27.9	.97	24.6	1.36	34.5
10	10	12	0.625-24	1.09	27.7	1.06	26.9	1.12	28.4	.355	9.02	.32	8.1	.938	23.83	1.03	26.2	1.14	29.0	1.03	26.2	1.39	35.3
12	11, 12, 13	13	0.6875-24	1.16	29.5	1.10	27.9	1.20	30.5	.390	9.91	.35	8.9	1.000	25.40	1.06	26.9	1.18	30.0	1.05	26.7	1.43	36.3
14	14, 15, 16, 17	18, 19	0.9375-20	1.41	35.8	1.23	31.2	1.44	36.6	.591	15.01	.55	14.0	1.250	31.75	1.34	34.0	1.38	35.1	1.18	30.0	1.58	40.1

Series 62 Saddle Clamps

for Series 80 Mighty Mouse Connectors

319M*199 Saddle Clamp with EMI Braid Sock

Self-Locking



Adapter Code M

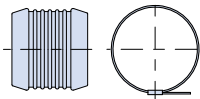
This accessory fits Series 80 Mighty Mouse Connectors

MATERIAL/FINISH

Body, coupling nut, saddle bars: aluminum or SST/ plated per PN
 EMI adapter and interface ring: brass/ electroless nickel (Z1, M) or Ni-PTFE (MT)
 Crimp ring: copper/tin
 Screws, washers: stainless steel/passivated
 Clinch nuts: stainless steel/silver
 Anti-decoupling spring: thermoplastic (aluminum versions) or SST (SST versions)
 Coupling nut retainer wire: monel
 Band strap: stainless steel
 Braid: (standard) 34 AWG nickel-coated copper, Code T: 34 AWG tin-coated copper, type Code A: AmberStrand® ultralightweight nickel-coated polymer Code L: ArmorLite® microfilament nickel-coated 316L stainless steel

SPLICE RING AND BAND

Splice ring
687-207
 Black Composite

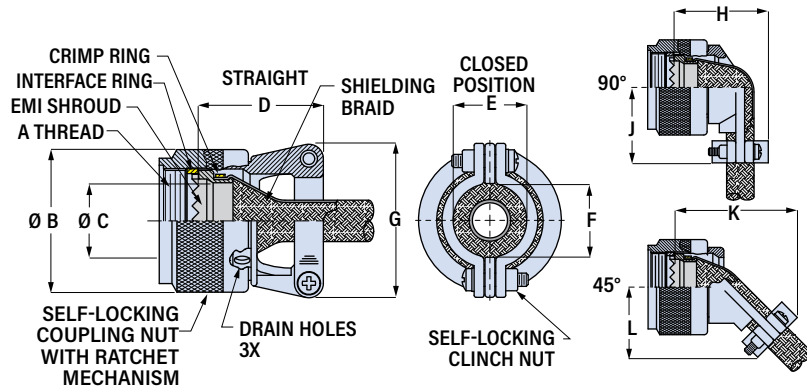


SST Band
601-041

Shielded, Self-locking, Full radius saddles. Saddle clamp has shielding braid attached to EMI adapter. Fits Series 80 Mighty Mouse. Brass EMI adapter and crimp ring. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Self-locking clinch nuts. Aluminum or SST. Straight, 45° and 90° profiles.

PART NUMBER

	319MS199	M	14	L	R	14
Base P/N	319MS199 Straight 319MA199 90° 319MB199 45°					
Material/Finish	M Alum/Electroless Nickel MT Alum/Nickel-PTFE Z1 SST/Passivated					
Size Code	05 06 07 08 09 10 11 12 13 14 16 17 (See Table)					
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i> T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid					
Splice Ring and Band	<i>Omit if not required</i> R Splice ring and coiled band supplied with clamp					
Braid Length	<i>Omit for standard 12 inch length</i> 14 Length in 1 inch increments, 6 inch min. "14" = 14 inches.					





Series 62 Saddle Clamps

for Series 80 Mighty Mouse Connectors

620MS090 Saddle Clamp, Expanded Clearance for #8 Sealing Boots

Self-Locking



Self-locking. Full radius saddles. Extra clearance for #8 sealing boots. Extended frame saddle clamp fits Series 80 Mighty Mouse connectors. Clamp has enlarged inside diameter and longer frame to provide clearance for size 8 coax/twinax/quadrax/octaxial contacts with sealing boots. Extra clearance helps prevent contact splay and damage. Full radius saddle bars have self-locking SST clinch nuts. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

PART NUMBER

620MS090 ME 14

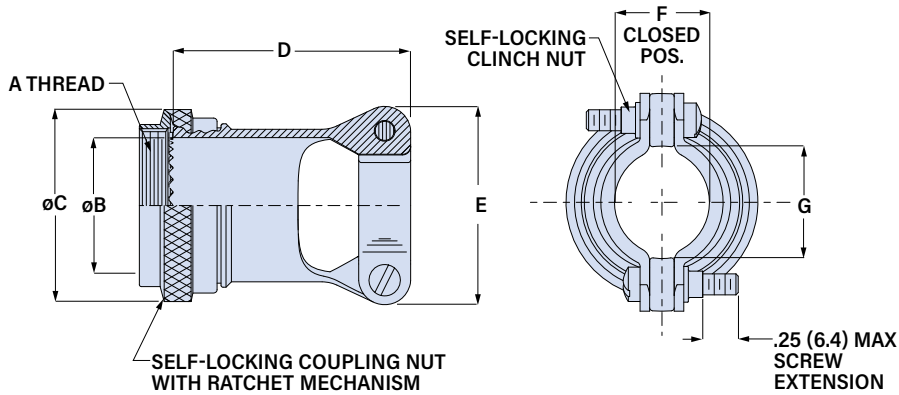
Base P/N 620MS090

Material/Finish
ME Alum/ Electroless Nickel
MT Alum/ Nickel-PTFE
NF Alum/ Olive Drab Cadmium
ZR Alum/ Black Zinc-Nickel
TZ Alum/ Tin-Zinc
ZI SST/ Passivated

Size Code 07 08 09 10 11 12 13 14 16 17
 (See Table)

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST, finish per PN build
 Screws, washers, clinch nuts: stainless steel
 Anti-decoupling spring: high temperature thermoplastic (aluminum clamps) or SST (SST clamps)



Size Code	Shell Size		A Thread	øB ± .005 (0.1)		øC Max.		D ± .060 (1.5)		E Max.		F ± .031 (0.8)		G Min	
	Series 800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
11	N/A	8	0.3750-32	.274	7.0	.86	21.8	1.25	31.8	.98	24.9	.219	5.6	.22	5.6
07	7	9	0.4375-28	.324	8.2	.97	24.6	1.38	35.1	1.05	26.7	.264	6.7	.27	6.9
08	8	10	0.500-28	.386	9.8	.97	24.6	1.31	33.3	1.05	26.7	.264	6.7	.27	6.9
09	9	11	0.5625-24	.444	11.3	1.11	28.2	1.44	36.6	1.20	30.5	.344	8.7	.35	8.9
10	10	12	0.625-24	.513	13.0	1.11	28.2	1.38	35.1	1.20	30.5	.344	8.7	.35	8.9
12	12, 13	N/A	0.6875-24	.596	15.1	1.21	30.7	1.50	38.1	1.30	33.0	.460	11.7	.47	11.9
13	N/A	15	0.750-20	.625	15.9	1.21	30.7	1.44	36.6	1.30	33.0	.460	11.7	.47	11.9
14	14, 15, 16, 17	18, 19	0.9375-20	.812	20.6	1.46	37.1	1.69	42.9	1.56	39.6	.615	15.6	.62	15.7
16	19	21	1.0625-18	.910	23.1	1.60	40.6	1.75	44.5	1.69	42.9	.698	17.7	.70	17.8
17	21	23	1.1875-18	1.055	26.8	1.70	43.2	1.81	46.0	1.77	45.0	.780	19.8	.78	19.8

Series 62 Saddle Clamps

for Series 806 Mil/Aero Connectors

620V*080 Saddle Clamp, Self-Locking



Self-Locking

Self-locking. Full radius saddles. Open frame saddle clamp fits Series 806 MilAero connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Die cast saddle bars have self-locking stainless steel clinch nuts. Full radius saddles are intended to be fully closed (bottomed onto frame). Aluminum or stainless steel.

Adapter Code **V**

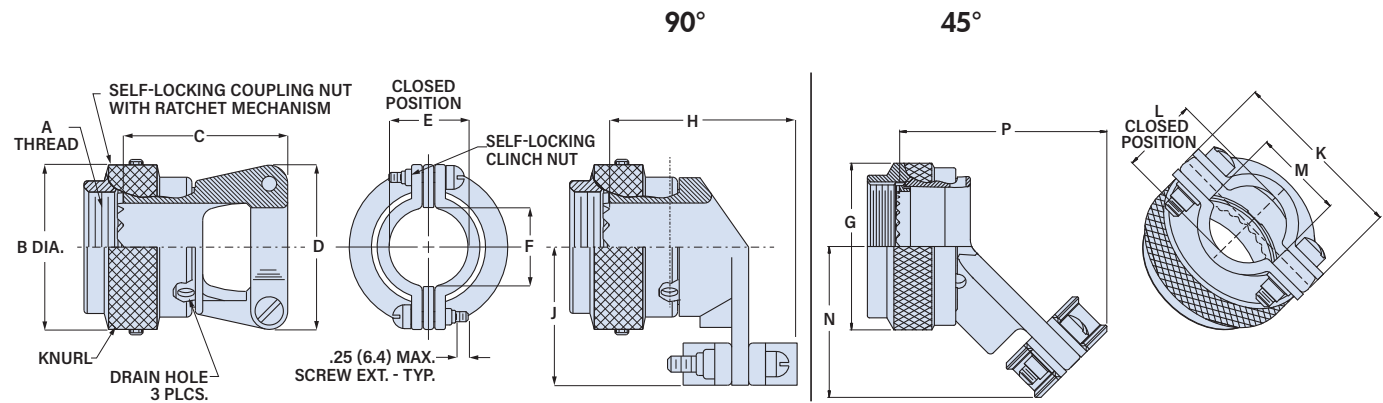
This accessory fits Glenair Series 806 MilAero Connectors

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum / finish per PN
 Clinch nuts: SST/ silver
 Screws, washers: stainless steel/passivated
 Anti-decoupling spring: thermoplastic

PART NUMBER

	620VS080	TZ	22
Base P/N	620VS080 Straight 620VB080 45° 620VA080 90°		
Material/Finish	C Alum/Black Anodize ME Alum/Electroless Nickel MT Alum/Nickel-PTFE NF Alum/Olive Drab Cadmium ZR Alum/Black Zinc-Nickel TZ Alum/Tin-Zinc		
Shell Size	08 09 10 11 12 14 16 18 20 22 24		



Shell Size	A Thread ISO Metric	øB Max. in mm	C Max. in mm	D Max. in mm	E ±.031 (0.79) in mm	F Min. in mm	H Max. in mm	J Max. in mm	ØG Max. in mm	K Max. in mm	L±.031 (0.79) in mm	M Min. in mm	N Max. in mm	P Max. in mm
08	M10 x 1.0-6H	.64 16.26	.780 19.81	.83 21.1	.269 6.8	.27 6.9	10.40 26.4	.870 22.1	.79 20.07	.89 22.61	.265 6.73	.27 6.86	.96 24.38	143 36.32
09	M12 x 1.0-6H	.74 18.80	.840 21.3	.91 23.1	.346 8.8	.35 8.9	10.60 26.9	.910 23.1	.79 20.07	.89 22.61	.265 6.73	.27 6.86	.96 24.38	143 36.32
10	M14 x 1.0-6H	.80 20.32	.900 22.9	.97 24.6	.410 10.4	.42 10.7	10.80 27.4	.950 24.1	.91 23.11	1.00 25.40	.310 7.87	.31 7.87	1.05 26.67	150 38.10
11	M15 x 1.0-6H	.84 21.34	.960 24.4	1.08 27.4	.430 10.9	.44 11.2	1.100 27.9	.970 24.6	.91 23.11	1.00 25.40	.310 7.87	.31 7.87	1.05 26.67	150 38.10
12	M17 x 1.0-6H	.92 23.37	1.060 26.9	1.14 29.0	.488 12.4	.49 12.5	1.150 29.2	1.030 26.2	1.02 25.91	1.27 32.26	.390 9.91	.39 9.91	1.11 28.19	155 39.37
14	M19 x 1.0-6H	1.02 25.91	1.100 27.9	1.20 30.5	.530 13.5	.54 13.7	1.180 30.0	1.060 26.9	1.02 25.91	1.27 32.26	.390 9.91	.39 9.91	1.11 28.19	155 39.37
16	M22 x 1.0-6H	1.16 29.46	1.100 27.9	1.29 32.8	.620 15.8	.63 16.0	1.300 33.0	1.160 29.5	1.18 29.97	1.38 35.05	.506 12.85	.51 12.95	1.18 29.97	165 41.91
18	M25 x 1.0-6H	1.26 32.00	1.230 31.2	1.41 35.8	.700 17.8	.71 18.0	1.380 35.1	1.340 34.0	1.31 33.27	1.48 37.59	.591 15.01	.59 14.99	1.23 31.24	177 44.96
20	M28 x 1.0-6H	1.40 35.56	1.410 35.8	1.59 40.4	.778 19.8	.78 19.8	1.460 37.1	1.410 35.8	1.42 36.07	1.58 40.13	.661 16.79	.66 16.76	1.29 32.77	1.81 45.97
22	M31 x 1.0-6H	1.52 38.61	1.510 38.4	1.66 42.2	.850 21.6	.86 21.8	1.580 40.1	1.530 38.9	1.54 39.12	1.68 42.67	.744 18.90	.74 18.80	1.37 34.80	1.86 47.24
24	M34 x 1.0-6H	1.64 41.66	1.660 42.2	1.77 45.0	.961 24.4	.97 24.6	1.620 41.1	1.660 42.2	1.65 41.91	1.80 45.72	.826 20.98	.83 21.08	1.42 36.07	1.90 48.26

Series 62 Saddle Clamps

for Series 806 Mil/Aero Connectors

620V*081 Saddle Clamp, Composite

Self-Locking



Self-locking. Full radius saddles. Lightweight, corrosion-proof composite saddle clamp fits Glenair Series 806 MilAero connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Telescoping screws. Full radius saddles are intended to be bottomed onto frame. High temperature thermoplastic. Straight, 45° and 90° profiles.

Adapter Code **V**

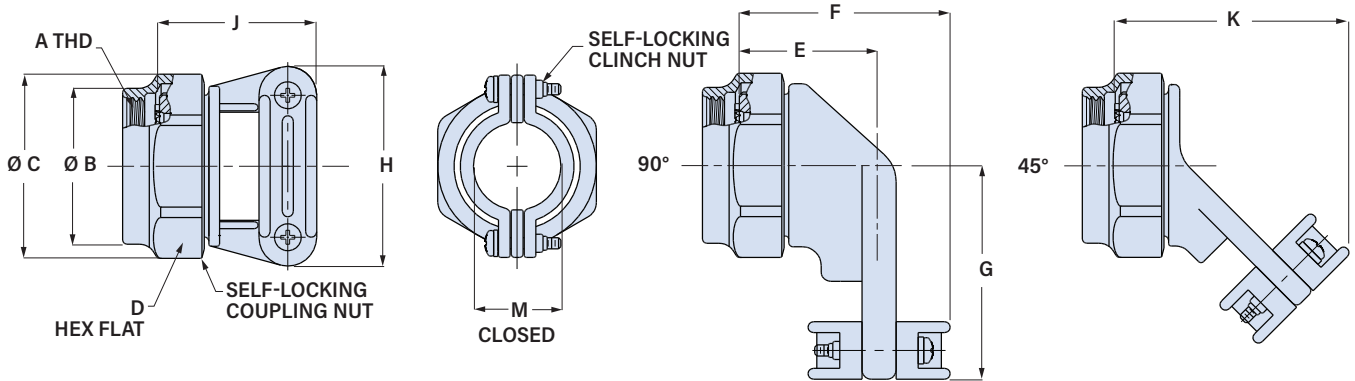
This accessory fits Glenair Series 806 MilAero Connectors

PART NUMBER

		620VS081	XM	14							
Base P/N	620VS081	Straight									
	620VB081	45°									
	620VA081	90°									
Clamp Body Finish	XM	Electroless Nickel									
	XW	Olive Drab Cadmium									
	XB	Unplated, Black Composite									
	XMT	Nickel-PTFE									
	XZN	Black Zinc-Nickel									
Shell Size	08	09	10	11	12	14	16	18	20	22	24

MATERIAL/FINISH

- Coupling nut, saddles: polyetherimide/ unplated
- Body: polyetherimide/ plated per PN
- Screws, washers: stainless steel
- Clinch nuts: stainless steel/ silver
- Anti-decoupling spring: thermoplastic



Shell Size	A ISO Metric Thread	øB Max. in mm	øC Max. in mm	D Hex in mm	E Ref. in mm	F ±.06 (1.5) in mm	G ±.06 (1.5) in mm	H ±.06 (1.5) in mm	J ±.06 (1.5) in mm	K Max. in mm	M ±.03 (0.8) in mm
08	M10 x 1.0-6H	.65 16.5	.86 21.8	.75 19.1	.63 16.0	.86 21.8	.88 22.4	.88 22.4	.80 20.3	1.32 33.5	.218 5.5
09	M12 x 1.0-6H	.65 16.5	.86 21.8	.75 19.1	.63 16.0	.86 21.8	.88 22.4	.88 22.4	.80 20.3	1.32 33.5	.218 5.5
10	M14 x 1.0-6H	.77 19.6	.98 24.9	.88 22.2	.65 16.5	.91 23.1	.94 23.9	.94 23.9	.88 22.4	1.35 34.3	.264 6.7
11	M15 x 1.0-6H	.77 19.6	.98 24.9	.88 22.2	.65 16.5	.91 23.1	.94 23.9	.94 23.9	.88 22.4	1.35 34.3	.264 6.7
12	M17 x 1.0-6H	.89 22.6	1.16 29.5	1.00 25.4	.71 18.0	1.02 25.9	1.03 26.2	1.17 29.7	1.00 25.4	1.43 36.3	.345 8.8
14	M19 x 1.0-6H	1.03 26.2	1.28 32.5	1.13 28.6	.76 19.3	1.13 28.7	1.13 28.7	1.28 32.5	1.00 25.4	1.48 37.6	.461 11.7
16	M22 x 1.0-6H	1.03 26.2	1.28 32.5	1.13 28.6	.76 19.3	1.13 28.7	1.13 28.7	1.28 32.5	1.00 25.4	1.48 37.6	.461 11.7
18	M25 x 1.0-6H	1.15 29.2	1.41 35.8	1.25 31.8	.80 20.3	1.26 32.0	1.31 33.3	1.41 35.8	1.13 28.7	1.58 40.1	.544 13.8
20	M28 x 1.0-6H	1.28 32.5	1.52 38.6	1.38 34.9	.83 21.1	1.31 33.3	1.38 35.1	1.50 38.1	1.19 30.2	1.70 43.2	.614 15.6
22	M31 x 1.0-6H	1.41 35.8	1.64 41.7	1.50 38.1	.90 22.9	1.37 34.8	1.50 38.1	1.56 39.6	1.25 31.8	1.74 44.2	.697 17.7
24	M34 x 1.0-6H	1.53 38.9	1.77 45.0	1.63 41.3	.94 23.9	1.45 36.8	1.63 41.4	1.69 42.9	1.38 35.1	1.79 45.5	.780 19.8

Series 62 Saddle Clamps

for Series 806 Mil/Aero Connectors

620VS090 Saddle Clamp, Expanded Clearance for #8 Sealing Boots

Self-Locking



Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

Self-locking. Full radius saddles. Extra clearance for #8 sealing boots. Extended frame saddle clamp fits Series 806 Mil-Aero connectors. Clamp has enlarged inside diameter and longer frame to provide clearance for size 8 coax/twinax/quadrax/octaxial contacts with sealing boots. Extra clearance helps prevent contact splay and damage. Full radius saddle bars have self-locking SST clinch nuts. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration.

PART NUMBER

620VS090

ME

20

Base P/N **620VS090**

Material/Finish

- ME** Alum/ Electroless Nickel
- MT** Alum/ Nickel-PTFE
- NF** Alum/ Olive Drab Cadmium
- ZR** Alum/ Black Zinc-Nickel
- TZ** Alum/ Tin-Zinc
- ZI** SST/ Passivated

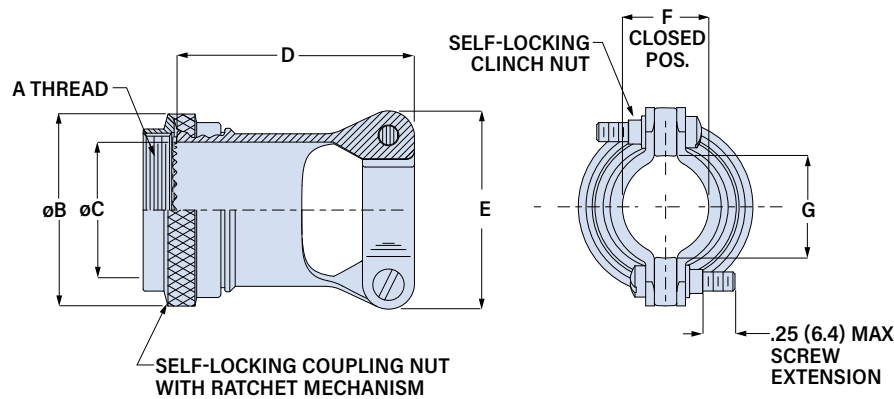
Shell Size **08 09 10 11 12 14 16 18 20 22 24**

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST, finish per PN build

Screws, washers, clinch nuts: stainless steel

Anti-decoupling spring: high temperature thermoplastic (aluminum clamps) or SST (SST clamps)



Shell Size	A ISO Metric Thread	øB Max. in mm	øC ± .005 (0.1) in mm	D ± .060 (1.5) in mm	E Max in mm	F ± .031 (.8) in mm	G Min in mm
08	M10 x 1.0-6H	.642 16.3	.269 6.8	1.31 33.3	.93 23.6	.205 5.2	.18 4.6
09	M12 x 1.0-6H	.735 18.7	.346 8.8	1.25 31.8	.98 24.9	.219 5.6	.22 5.6
10	M14 x 1.0-6H	.786 20.0	.410 10.4	1.31 33.3	1.02 25.9	.244 6.2	.25 6.4
11	M15 x 1.0-6H	.830 21.1	.471 12.0	1.31 33.3	1.05 26.7	.264 6.7	.27 6.9
12	M17 x 1.0-6H	.911 23.1	.539 13.7	1.38 35.1	1.12 28.4	.312 7.9	.32 8.1
14	M19 x 1.0-6H	1.002 25.5	.592 15.0	1.38 35.1	1.20 30.5	.344 8.7	.35 8.9
16	M22 x 1.0-6H	1.149 29.2	.740 18.8	1.44 36.6	1.30 33.0	.460 11.7	.47 11.9
18	M25 x 1.0-6H	1.264 32.1	.856 21.7	1.50 38.1	1.44 36.6	.545 13.8	.55 14.0
20	M28 x 1.0-6H	1.394 35.4	.980 24.9	1.56 39.6	1.56 39.6	.615 15.6	.62 15.7
22	M31 x 1.0-6H	1.513 38.4	1.070 27.2	1.69 42.9	1.69 42.9	.698 17.7	.70 17.8
24	M34 x 1.0-6H	1.631 41.4	1.214 30.8	1.75 44.5	1.77 45.0	.780 19.8	.78 19.8

Series 62 Saddle Clamps

for Series 970 PowerTrip® Connectors

620PS076 Saddle Clamp, Self-Locking



Self-Locking

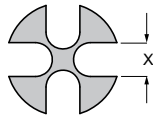
Spin coupling. Heavy-duty clamp fits Glenair Series 970 PowerTrip® connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Saddles have self-locking stainless steel clinch nuts. Rigid dielectric bushing provides additional wire support (not available for all insert patterns). Aluminum alloy or stainless steel. Stainless steel screws and clinch nuts, thermoplastic wire support bushing.

Adapter Code P
This accessory fits Glenair Series 970 PowerTrip Connectors

MATERIAL/FINISH

Coupling nut, body, saddles: aluminum or SST
Screws: stainless steel/passivated
Clinch nuts: stainless steel/silver
Anti-decoupling spring: thermoplastic (aluminum body) or SST (SST body)
Wire support bushing: Delrin

WIRE SUPPORT BUSHING



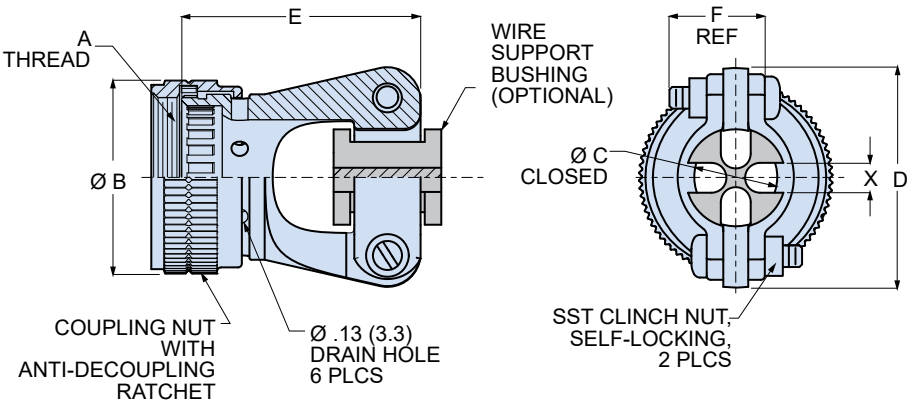
Wire Size	X (Ref.)	
	in	mm
8 AWG	.217	5.51
4 AWG	.331	8.41
1/0 AWG	.500	12.70

RECOMMENDED TORQUE

Shell Size	Recommended Installation Torque Inch-Pounds ±5
18	116
20, 24	136
28, 32, 36	148
40	164

PART NUMBER

Base P/N	620PS076	620PS076	ZTZ	18	B2
Material/Finish	ME Alum/Electroless Nickel NF Alum/Olive Drab Cadmium ZR Alum/Black Zinc-Nickel TZ Alum/Tin-Zinc Z1 SST/Passivated ZTZ SST/Tin-Zinc				
Shell Size	18 20 24 28 32 36 40				
Wire Support Bushing	<i>Omit if bushing is not required.</i> B2 Two slot bushing (for arr. 18-2, 24-2, 32-2) B3 Three slot bushing (for arr. 20-3, 24-3, 32-3) B4 Four slot bushing (for arr. 20-4, 28-4, 36-4) B5 Five slot bushing (for arr. 24-5, 32-5, 40-5)				



Shell Size	A Thread	ø B Max.		C ±.031 (0.79)		D Max. in	E Max. in	F Ref. in	mm		
		in	mm	in	mm						
18	1.125-18 UNEF-2B	1.390	35.3	.518	13.2	1.500	38.1	1.830	46.5	.630	16.0
20	1.250-18 UNEF-2B	1.530	38.9	.665	16.9	1.687	42.8	1.830	46.5	.630	16.0
24	1.4375-18 UNEF-2B	1.720	43.7	.795	20.2	1.921	48.8	2.030	51.6	.630	16.0
28	1.8125-16 UN-2B	2.130	54.1	1.080	27.4	2.355	59.8	2.130	54.1	.750	19.1
32	2.0625-16 UNS-2B	2.350	59.7	1.200	30.5	2.716	69.0	2.530	64.3	.880	22.4
36	2.250-16 UN-2B	2.590	65.8	1.400	35.6	2.869	72.9	2.530	64.3	.880	22.4
40	2.500-16 UN-2B	2.870	72.9	1.700	43.2	3.066	77.9	2.530	64.3	.880	22.4

Series 62 Saddle Clamps

for MIL-DTL-28840 Connectors

620G*051 Saddle Clamp, General Purpose



Aluminum or SST. For jacketed cable. Saddle clamp fits MIL-DTL-28840 and Glenair Series 901 connectors. Stainless steel screws and lock washers. Straight, 45° and 90° profiles.

Adapter Code **G**

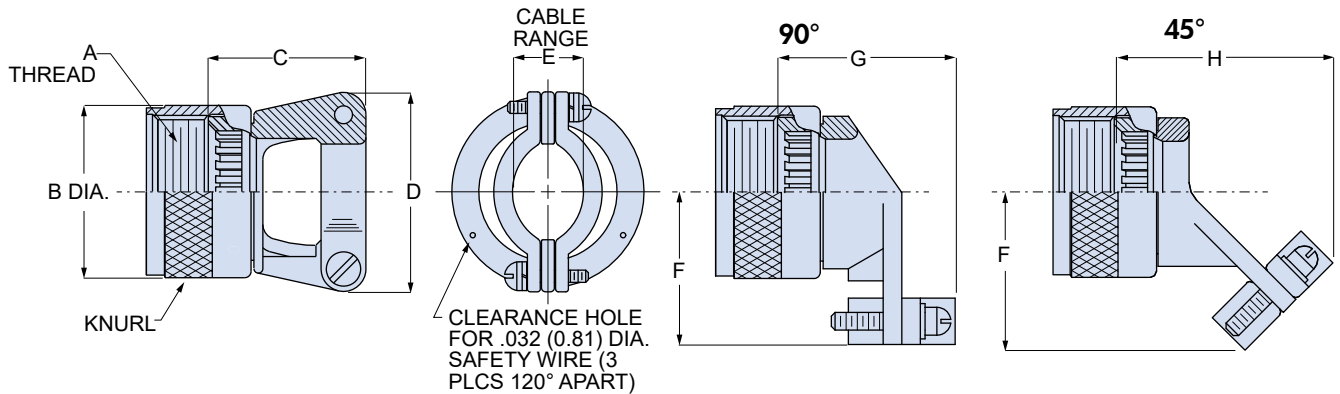
This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

PART NUMBER

		620GS051	Z1	23						
Base P/N	620GS051	Straight								
	620GA051	90°								
	620GB051	45°								
Material/Finish	M	Alum/Electroless Nickel								
	NF	Alum/Cadmium, Olive Drab								
	ZR	Alum/Black Zinc-Nickel								
	TZ	Alum/Tin-Zinc								
	Z1	SST/Passivated								
	ZU	SST/Cadmium, Black								
	ZTZ	SST/Tin-Zinc								
Size Code	Shell Size	11	13	15	17	19	23	25	29	33
		A	B	C	D	E	F	G	H	J
	Size Code	11	13	15	17	19	23	25	29	33

MATERIAL/FINISH

Body, saddles, coupling nut: aluminum or SST/ finish per PN
Screws, washers: stainless steel/passivated



Size Code	Shell Size	A Thread Class 2B	øB Max.		C Max.		D Max.		E Cable Entry				F Max.		G Max.		H Max.	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
11	A (11)	.750-20 UNEF	.94	23.9	1.091	27.7	.903	22.94	.177	4.5	.286	7.3	.929	23.6	1.071	27.2	1.650	23.6
13	B (13)	.875-20 UNEF	1.07	27.2	1.091	27.7	.977	24.82	.177	4.5	.286	7.3	.929	23.6	1.071	27.2	1.650	23.6
15	C (15)	1.000-20 UNEF	1.21	30.7	1.091	27.7	1.151	29.24	.250	6.4	.416	10.6	1.056	26.8	1.280	32.5	1.765	44.6
17	D (17)	1.125-18 UNEF	1.41	35.7	1.206	30.6	1.281	32.54	.291	7.4	.476	12.1	1.233	31.3	1.392	35.4	1.874	47.6
19	E (19)	1.250-18 UNEF	1.53	38.9	1.320	33.5	1.406	35.71	.348	8.8	.626	15.9	1.293	32.9	1.517	38.5	1.918	48.7
23	F (23)	1.438-18 UNEF	1.73	43.9	1.445	36.7	1.576	40.03	.429	10.9	.831	21.1	1.358	34.5	1.642	41.7	1.962	49.8
25	G (25)	1.562-18 UNEF	1.82	46.2	1.570	39.9	1.666	42.32	.523	13.3	.956	24.3	1.420	36.1	1.767	44.9	2.006	51.0
29	H (29)	1.875-16 UN	2.14	54.4	1.721	43.7	2.046	51.97	.643	16.3	1.081	27.5	1.634	41.5	1.905	48.4	2.301	58.5
33	J (33)	2.062-16 UNS	2.33	59.1	1.908	48.5	2.209	56.11	.704	17.9	1.187	30.2	1.859	47.2	1.968	50.0	2.389	60.7

Series 62 Saddle Clamps

for MIL-DTL-26500 Connectors

620ES050 Saddle Clamp, Direct Coupling



Saddle clamp fits MIL-DTL-26500 Class F, G and R connectors. Aluminum with stainless steel screws. Direct coupling.

Adapter Code **E**

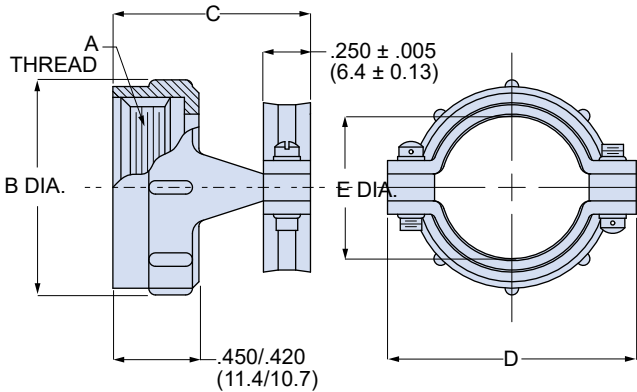
This accessory fits MIL-DTL-26500 connectors

PART NUMBER

	620ES050	NF	22
Base P/N	620ES050		
Material/Finish	C Black Anodize M Electroless Nickel MT Nickel-PTFE NF Olive Drab Cadmium ZR Black Zinc-Nickel TZ Tin-Zinc		
Shell Size	08 10 12 14 16 18 20 22 24		

MATERIAL/FINISH

Body, saddles: aluminum or SST/ finish per PN
 Screws, washers: stainless steel/passivated



Shell Size	A Thread UNEF-2B	øB Max in	mm	C Max in	mm	D Max in	mm	E ± .015(0.38) in	mm
08	0.4375-28	.606	15.4	.950	24.1	.742	18.8	.186	4.7
10	0.5625-24	.731	18.6	.950	24.1	.873	22.2	.270	6.9
12	0.7500-24	.919	23.3	.950	24.1	.972	24.7	.400	10.2
14	0.8125-20	.981	24.9	1.185	30.1	1.078	27.4	.460	11.7
16	0.9375-20	1.106	28.1	1.185	30.1	1.242	31.5	.610	15.5
18	1.0625-18	1.231	31.3	1.185	30.1	1.345	34.2	.690	17.5
20	1.1875-18	1.481	37.6	1.185	30.1	1.472	37.4	.816	20.7
22	1.3125-18	1.356	34.4	1.185	30.1	1.597	40.6	.940	23.9
24	1.4375-18	1.606	40.8	1.185	30.1	1.724	43.8	1.066	27.1

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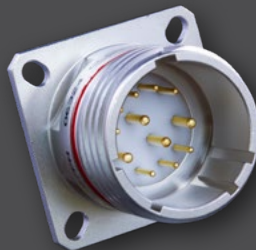


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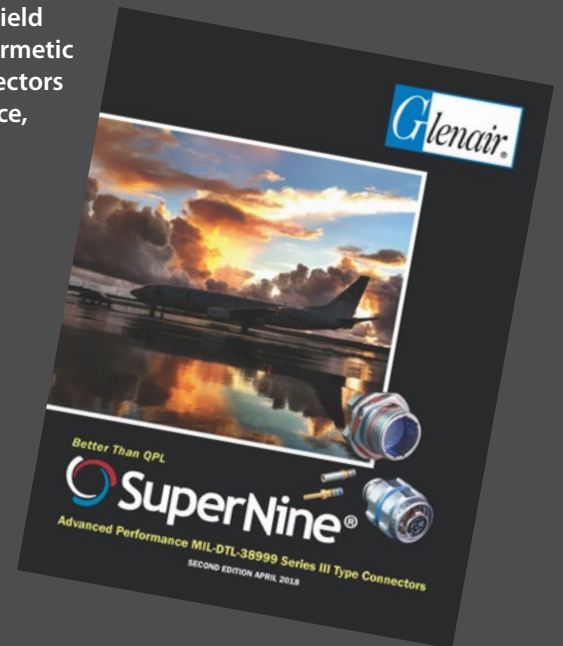
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SuperNine® EMI/EMP filter connectors



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Series 65 Dummy Receptacles

Selection Guide

Series 65 Dummy Receptacles



Series 65 Dummy Receptacles provide stowage and protection for unused plug assemblies.

AS50151
MIL-DTL-5015



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MIL-DTL-83723
Series I



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Threaded
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MIL-DTL-83723
Series III
Bayonet
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Bayonet



650ES002
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MIL-DTL-38999



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Series III
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Series III
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Series IV
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MIL-DTL-28840
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Series 80
Mighty Mouse



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Series 805
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SMA
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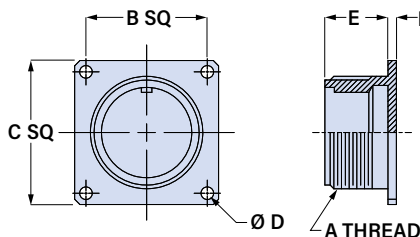
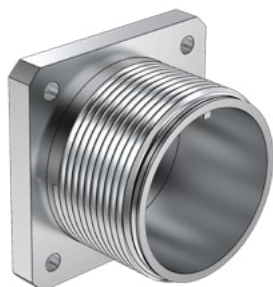
BNC
Coax
650-076
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Series 65 Dummy Receptacles

for AS50151, MIL-DTL-83723 Series I, and MIL-DTL-26482 Connectors

650BS012, 650DS001

650BS012 DUMMY RECEPTACLE FOR 5015 THREADED CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 650BS012 receptacle accommodates AN type SAE AS50151 (formerly MIL-DTL-5015) plug connectors including MS3106, MS3108, MS3456, and MS3459.

TABLE 1 FINISH CODES

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

Shell Size	Part Number * = Finish Code from Table 1	A Thread Class 2A	B SQ		C Max In.	D In.	E Max In.	F In.				
			± .031 (0.8) In.	mm.								
08S	650BS012*08S	.500-28 UNEF	.594	15.1	.906	23.0	.120	3.0	.593	15.1	.156	4.0
10S	650BS012*10S	.625-24 UNEF	.719	18.3	1.031	26.2	.120	3.0	.593	15.1	.156	4.0
12S	650BS012*12S	.750-20 UNEF	.812	20.6	1.125	28.6	.120	3.0	.593	15.1	.156	4.0
12	650BS012*12	.750-20 UNEF	.812	20.6	1.125	28.6	.120	3.0	.781	19.8	.156	4.0
14S	650BS012*14S	.875-20 UNEF	.906	23.0	1.219	31.0	.120	3.0	.593	15.1	.156	4.0
14	650BS012*14	.875-20 UNEF	.906	23.0	1.219	31.0	.120	3.0	.781	19.8	.156	4.0
16S	650BS012*16S	1.00-20 UNEF	.969	24.6	1.312	33.3	.120	3.0	.593	15.1	.156	4.0
16	650BS012*16	1.00-20 UNEF	.969	24.6	1.312	33.3	.120	3.0	.781	19.8	.156	4.0
18	650BS012*18	1.125-18 UNEF	1.062	27.0	1.406	35.7	.120	3.0	.781	19.8	.203	5.2
20	650BS012*20	1.250-18 UNEF	1.156	29.4	1.531	38.9	.120	3.0	.781	19.8	.203	5.2
22	650BS012*22	1.375-18 UNEF	1.250	31.8	1.656	42.1	.120	3.0	.781	19.8	.203	5.2
24	650BS012*24	1.500-16 UNEF	1.375	34.9	1.781	45.2	.147	3.7	.843	21.4	.203	5.2
28	650BS012*28	1.750-18 UNS	1.562	39.7	2.031	51.6	.147	3.7	.843	21.4	.203	5.2
32	650BS012*32	2.000-18 UNS	1.750	44.5	2.281	57.9	.173	4.4	.906	23.0	.359	9.1
36	650BS012*36	2.250-16 UN	1.938	49.2	2.531	64.3	.173	4.4	.906	23.0	.359	9.1
40	650BS012*40	2.500-16 UN	2.188	55.6	2.781	70.6	.173	4.4	.906	23.0	.359	9.1
44	650BS012*44	2.750-16 UN	2.375	60.3	3.031	77.0	.173	4.4	.906	23.0	.359	9.1
48	650BS012*48	3.000-16 UN	2.625	66.7	3.281	83.3	.173	4.4	.906	23.0	.359	9.1

650DS001 DUMMY RECEPTACLE FOR MIL-DTL-83723 SERIES I AND MIL-DTL-26482 CONNECTORS

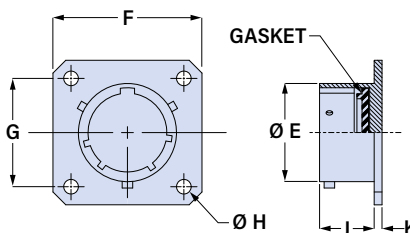


TABLE 1 FINISH CODES

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

Use dummy storage receptacle to secure and protect unused plugs. 650DS001 receptacle accommodates MIL-DTL-83723 Series I and MIL-DTL-26482 bayonet coupling connectors. Silicone gasket, stainless steel bayonet pins.

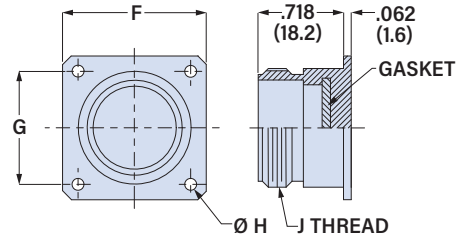
Shell Size	Part Number * = Finish Code from Table 1	Ø E		F Max In.	G In.	Ø H		J		K			
		± .015 (0.4) In.	mm.			± .015 (0.4) In.	mm.	± .015 (0.4) In.	mm.	± .015 (0.4) In.	mm.		
08	650DS001*08	.471	12.0	.828	21.0	.594	15.1	.120	3.0	.478	12.1	.062	1.6
10	650DS001*10	.588	14.9	.954	24.2	.719	18.3	.120	3.0	.478	12.1	.062	1.6
12	650DS001*12	.748	19.0	1.047	26.6	.812	20.6	.120	3.0	.478	12.1	.062	1.6
14	650DS001*14	.873	22.2	1.141	29.0	.906	23.0	.120	3.0	.478	12.1	.062	1.6
16	650DS001*16	.998	25.3	1.234	31.3	.969	24.6	.120	3.0	.478	12.1	.062	1.6
18	650DS001*18	1.123	28.5	1.328	33.7	1.062	27.0	.120	3.0	.478	12.1	.062	1.6
20	650DS001*20	1.248	31.7	1.453	36.9	1.156	29.4	.120	3.0	.572	14.5	.094	2.4
22	650DS001*22	1.373	34.9	1.578	40.1	1.250	31.8	.120	3.0	.572	14.5	.094	2.4
24	650DS001*24	1.498	38.0	1.703	43.3	1.375	34.9	.147	3.7	.605	15.4	.094	2.4

Series 65 Dummy Receptacles

for MIL-DTL-83723 Series III and MIL-DTL-26500 Connectors

650ES001, 650ES002

650ES001 DUMMY RECEPTACLE FOR MIL-DTL-83723 SERIES III AND MIL-DTL-26500 CONNECTORS



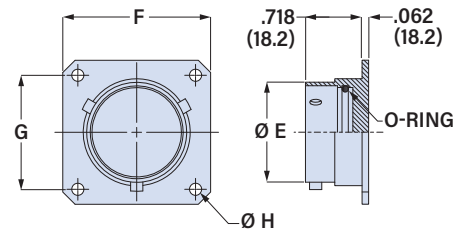
Use dummy stowage receptacle to secure and protect unused plugs. 650ES001 receptacle accommodates MIL-DTL-83723 Series III and MIL-DTL-26500 threaded coupling plug connectors. Silicone gasket.

Shell Size	Part Number * = Finish Code from Table 1	J Thread UNEF-2A	F		G		Ø H	
			± .015 (0.4) In.	mm.	± .015 (0.4) In.	mm.	± .015 (0.4) In.	mm.
08	650ES001*08	.5625-24	.812	20.6	.594	15.1	.125	3.2
10	650ES001*10	.6875-24	.937	23.8	.719	18.3	.125	3.2
12	650ES001*12	.8750-20	1.031	26.2	.812	20.6	.125	3.2
14	650ES001*14	.9375-20	1.125	28.6	.906	23.0	.125	3.2
16	650ES001*16	1.0625-18	1.250	31.8	.969	24.6	.125	3.2
18	650ES001*18	1.1875-18	1.343	34.1	1.062	27.0	.125	3.2
20	650ES001*20	1.3125-18	1.437	36.5	1.156	29.4	.125	3.2
22	650ES001*22	1.4375-18	1.562	39.7	1.250	31.8	.125	3.2
24	650ES001*24	1.5625-18	1.703	43.3	1.375	34.9	.154	3.9

TABLE 1 FINISH CODES

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

650ES002 DUMMY RECEPTACLE FOR MIL-DTL-83723 SERIES III AND MIL-DTL-26500 CONNECTORS



Use dummy stowage receptacle to secure and protect unused plugs. 650ES002 receptacle accommodates MIL-DTL-83723 Series III and MIL-DTL-26500 bayonet coupling plug connectors. Silicone O-ring, stainless steel bayonet pins. Paint stripes indicate bayonet pin locations.

Shell Size	Part Number * = Finish Code from Table 1	Ø E		F		G		Ø H	
		± .015 (0.4) In.	mm.	± .015 (0.4) In.	mm.	± .015 (0.4) In.	mm.	± .015 (0.4) In.	mm.
08	650ES002*08	.536	13.6	.812	20.6	.594	15.1	.125	3.2
10	650ES002*10	.659	16.7	.937	23.8	.719	18.3	.125	3.2
12	650ES002*12	.829	21.8	1.031	26.2	.812	20.6	.125	3.2
14	650ES002*14	.898	22.8	1.125	28.6	.906	23.0	.125	3.2
16	650ES002*16	1.025	26.0	1.250	31.8	.969	24.6	.125	3.2
18	650ES002*18	1.131	28.7	1.343	34.1	1.062	27.0	.125	3.2
20	650ES002*20	1.256	31.9	1.437	36.5	1.156	29.4	.125	3.2
22	650ES002*22	1.381	35.1	1.562	39.7	1.250	31.8	.125	3.2
24	650ES002*24	1.506	38.3	1.703	43.3	1.375	34.9	.154	3.9

TABLE 1 FINISH CODES

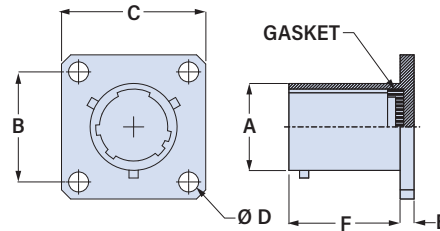
Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

Series 65 Dummy Receptacles

for MIL-DTL-38999 Series I & II Bayonet Connectors

650FS001, 650FS002

650FS001 DUMMY RECEPTACLE FOR MIL-DTL-38999 SERIES I BAYONET CONNECTORS



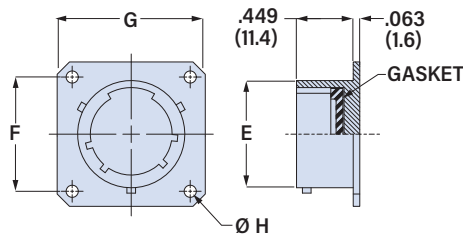
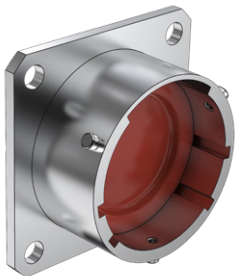
Use dummy storage receptacle to secure and protect unused plugs. 650FS001 receptacle accommodates MIL-DTL-38999 Series I bayonet coupling connectors. Silicone gasket, stainless steel bayonet pins.

TABLE 1 FINISH CODES

Aluminum		Stainless Steel	
C	Black Anodize	Z1	Passivate
M	Electroless Nickel		
NF	Olive Drab Cadmium		
MT	Nickel-PTFE		
ZR	Black Zinc-Nickel		
TZ	Tin-Zinc		

Shell Size	Part Number * = Finish Code from Table 1	Ø A Max.		B		C		Ø D		E		F	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
09	650FS001*09	.572	14.5	.719	18.3	.938	23.8	.128	3.3	.085	2.2	.727	18.5
11	650FS001*11	.701	17.8	.812	20.6	1.031	26.2	.128	3.3	.085	2.2	.727	18.5
13	650FS001*13	.851	21.6	.906	23.0	1.125	28.6	.128	3.3	.085	2.2	.727	18.5
15	650FS001*15	.976	24.8	.969	24.6	1.219	31.0	.128	3.3	.085	2.2	.727	18.5
17	650FS001*17	1.101	28.0	1.062	27.0	1.312	33.3	.128	3.3	.085	2.2	.727	18.5
19	650FS001*19	1.208	30.7	1.156	29.4	1.438	36.5	.128	3.3	.085	2.2	.727	18.5
21	650FS001*21	1.333	33.9	1.250	31.8	1.562	39.7	.128	3.3	.115	2.9	.697	17.7
23	650FS001*23	1.458	37.0	1.375	34.9	1.688	42.9	.147	3.7	.115	2.9	.697	17.7
25	650FS001*25	1.583	40.2	1.500	38.1	1.812	46.0	.147	3.7	.115	2.9	.697	17.7

650FS002 DUMMY RECEPTACLE FOR MIL-DTL-38999 SERIES II BAYONET CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 650FS002 receptacle accommodates MIL-DTL-38999 Series II bayonet coupling connectors. Silicone gasket, stainless steel bayonet pins.

TABLE 1 FINISH CODES

Aluminum		Stainless Steel	
C	Black Anodize	Z1	Passivate
M	Electroless Nickel		
NF	Olive Drab Cadmium		
MT	Nickel-PTFE		
ZR	Black Zinc-Nickel		
TZ	Tin-Zinc		

Shell Size	Part Number * = Finish Code from Table 1	Ø E Max.		F		G Max.		H	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.
08	650FS002*08	.474	12.0	.594	15.1	.823	20.9	.120	3.0
10	650FS002*10	.591	15.0	.719	18.3	.949	24.1	.120	3.0
12	650FS002*12	.751	19.1	.812	20.6	1.042	26.5	.120	3.0
14	650FS002*14	.876	22.3	.906	23.0	1.136	28.9	.120	3.0
16	650FS002*16	1.001	25.4	.969	24.6	1.230	31.2	.120	3.0
18	650FS002*18	1.126	28.6	1.062	27.0	1.323	33.6	.120	3.0
20	650FS002*20	1.251	31.8	1.156	29.4	1.449	36.8	.120	3.0
22	650FS002*22	1.376	35.0	1.250	31.8	1.573	40.0	.120	3.0
24	650FS002*24	1.501	38.1	1.375	34.9	1.699	43.2	.147	3.7

Series 65 Dummy Receptacles

for MIL-DTL-38999 Series III Connectors

650HS058, 650HS025

650HS058 DUMMY RECEPTACLE FOR MIL-DTL-38999 SERIES III CONNECTORS

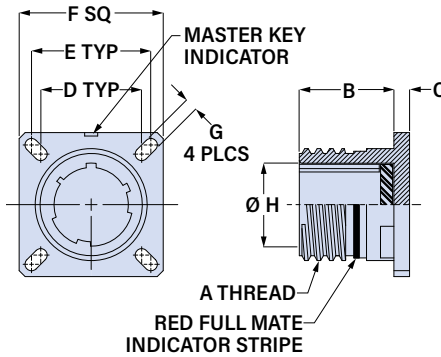


TABLE 1 FINISH CODES

Aluminum		Stainless Steel
C	Black Anodize	Z1 Passivate
M	Electroless Nickel	
NF	Olive Drab Cadmium	
MT	Nickel-PTFE	
ZR	Black Zinc-Nickel	
TZ	Tin-Zinc	

Use dummy storage receptacle to secure and protect unused plugs. 650HS058 receptacle accommodates MIL-DTL-38999 Series III triple-start threaded plug connectors. Fluorosilicone gasket.

Shell Size	Polarizing Position	Part Number * = Finish Code from Table 1	A Thread	B +.000/-0.005 (+0.0/-0.13)		C	D	E	F	G	H						
				In.	mm.	± .012 (0.3) In. mm.	± .015 (0.4) In. mm.	± .015 (0.4) In. mm.	± .012 (0.3) In. mm.	± .008 (0.2) In. mm.	(+0.0/-0.13) In. mm.						
09 (A)	C, E, N	650HS058*09	.625-0.1P-0.3L-TS-2A	.820	20.8	.098	2.5	.594	15.1	.719	18.3	.937	23.8	.128	3.3	.492	12.5
09 (A)	A, B, D	650HS058*09A	.625-0.1P-0.3L-TS-2A	.820	20.8	.098	2.5	.594	15.1	.719	18.3	.937	23.8	.128	3.3	.492	12.5
11 (B)	A, B, C, D, E	650HS058*11	.750-0.1P-0.3L-TS-2A	.820	20.8	.098	2.5	.719	18.3	.812	20.6	1.031	26.2	.128	3.3	.620	15.7
13 (C)	A, B, C, D, E	650HS058*13	.875-0.1P-0.3L-TS-2A	.820	20.8	.098	2.5	.812	20.6	.906	23.0	1.126	28.6	.128	3.3	.769	19.5
15 (D)	A, B, C, D, E	650HS058*15	1.000-0.1P-0.3L-TS-2A	.820	20.8	.098	2.5	.906	23.0	.969	24.6	1.220	31.0	.128	3.3	.894	22.7
17 (E)	A, B, C, D, E	650HS058*17	1.1875-0.1P-0.3L-TS-2A	.820	20.8	.098	2.5	.969	24.6	1.062	27.0	1.311	33.3	.128	3.3	1.019	25.9
19 (F)	A, B, C, D, E	650HS058*19	1.250-0.1P-0.3L-TS-2A	.820	20.8	.098	2.5	1.062	27.0	1.156	29.4	1.437	36.5	.128	3.3	1.124	28.5
21 (G)	A, B, C, D, E	650HS058*21	1.375-0.1P-0.3L-TS-2A	.790	20.1	.126	3.2	1.156	29.4	1.250	31.8	1.563	39.7	.128	3.3	1.249	31.7
23 (H)	A, B, C, D, E	650HS058*23	1.500-0.1P-0.3L-TS-2A	.790	20.1	.126	3.2	1.250	31.8	1.375	34.9	1.689	42.9	.154	3.9	1.374	34.9
25 (J)	A, B, C, D, E	650HS058*25	1.625-0.1P-0.3L-TS-2A	.790	20.1	.126	3.2	1.375	34.9	1.500	38.1	1.811	46.0	.154	3.9	1.499	38.1

650HS025 DUMMY RECEPTACLE, COMPOSITE, FOR MIL-DTL-38999 SERIES III CONNECTORS

COMPOSITE

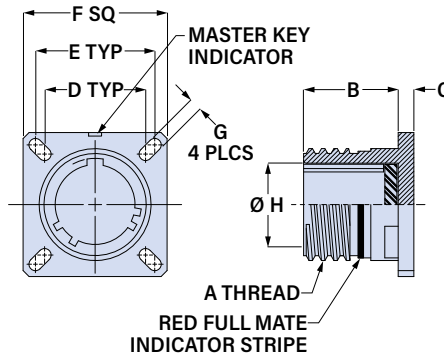


TABLE 1 FINISH CODES

Composite	
XB	Unplated, Black, Non-Conductive
XM	Electroless Nickel
XW	Olive Drab Cadmium
XO	Amber Color, Unplated, Non-Conductive
XMT	Nickel-PTFE

Use dummy storage receptacle to secure and protect unused plugs. 650HS025 receptacle accommodates MIL-DTL-38999 Series III triple-start threaded plug connectors. Glass-reinforced thermoplastic, fluorosilicone gasket.

Shell Size	Polarizing Position	Part Number * = Finish Code Table 1 ♦ = Key Position A,B,C,D,E,N	A Thread	B +.075/-0.000 (+1.9/-0.0)		C	D	E	F	G	H						
				In.	mm.	± .030 (0.8) In. mm.	± .015 (0.4) In. mm.	± .015 (0.4) In. mm.	± .012 (0.3) In. mm.	± .008 (0.2) In. mm.	(+0.0/-0.13) In. mm.						
09 (A)		650HS025*09♦	.625-0.1P-0.3L-TS-2A	.768	19.5	.116	2.9	.594	15.1	.719	18.3	.937	23.8	.128	3.3	.492	12.5
11 (B)		650HS025*11♦	.750-0.1P-0.3L-TS-2A	.768	19.5	.116	2.9	.719	18.3	.812	20.6	1.031	26.2	.128	3.3	.620	15.7
13 (C)		650HS025*13♦	.875-0.1P-0.3L-TS-2A	.768	19.5	.116	2.9	.812	20.6	.906	23.0	1.126	28.6	.128	3.3	.769	19.5
15 (D)		650HS025*15♦	1.000-0.1P-0.3L-TS-2A	.768	19.5	.116	2.9	.906	23.0	.969	24.6	1.220	31.0	.128	3.3	.894	22.7
17 (E)		650HS025*17♦	1.1875-0.1P-0.3L-TS-2A	.768	19.5	.116	2.9	.969	24.6	1.062	27.0	1.311	33.3	.128	3.3	1.019	25.9
19 (F)		650HS025*19♦	1.250-0.1P-0.3L-TS-2A	.768	19.5	.116	2.9	1.062	27.0	1.156	29.4	1.437	36.5	.128	3.3	1.124	28.5
21 (G)		650HS025*21♦	1.375-0.1P-0.3L-TS-2A	.736	18.7	.143	3.6	1.156	29.4	1.250	31.8	1.563	39.7	.128	3.3	1.249	31.7
23 (H)		650HS025*23♦	1.500-0.1P-0.3L-TS-2A	.736	18.7	.143	3.6	1.250	31.8	1.375	34.9	1.689	42.9	.154	3.9	1.374	34.9
25 (J)		650HS025*25♦	1.625-0.1P-0.3L-TS-2A	.736	18.7	.143	3.6	1.375	34.9	1.500	38.1	1.811	46.0	.154	3.9	1.499	38.1

Series 65 Dummy Receptacles

for MIL-DTL-38999 Series III and IV Connectors

650HS091, 650HS007

650HS091 DUMMY RECEPTACLE, JAM NUT, FOR MIL-DTL-38999 SERIES III CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 650HS091 receptacle accommodates MIL-DTL-38999 Series III triple-start threaded plug connectors. Jam nut mounting, fits standard mil spec panel cutout. Fluorosilicone O-ring, silicone gasket.

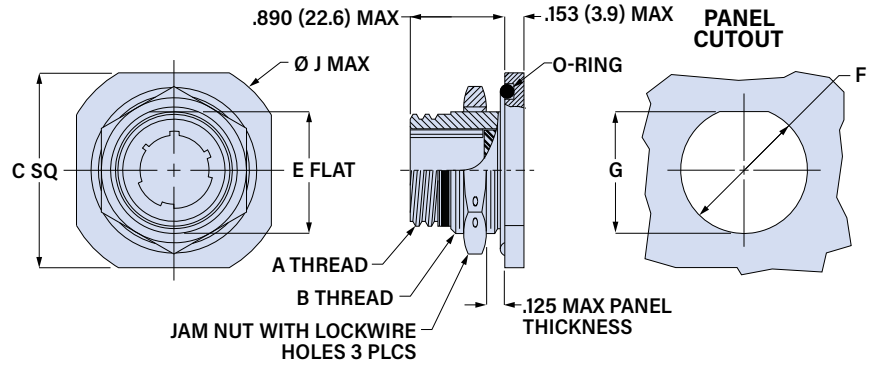


TABLE 1 FINISH CODES

Aluminum	
C	Black Anodize
M	Electroless Nickel
NF	Olive Drab Cadmium
MT	Nickel-PTFE
ZR	Black Zinc-Nickel
TZ	Tin-Zinc
Stainless Steel	
Z1	Passivate

Shell Size	Polarizing Position	Part Number * = Finish Code from Table 1	A Thread Class 2A	B Thread Class 2A 0.100R	C Sq ± .015 (0.4) In. mm.	E Max In. mm.	ø F ± .005 (0.13) In. mm.	G ± .005 (0.13) In. mm.	ø J Max In. mm.
09 (A)	C, E, N	650HS091*09	.625-0.1P-0.3L-TS	M17x1-6g	1.062 27.0	.655 16.6	.698 17.7	.658 16.7	1.201 30.5
09 (A)	A, B, D	650HS091*09A	.625-0.1P-0.3L-TS	M17x1-6g	1.062 27.0	.655 16.6	.698 17.7	.658 16.7	1.201 30.5
11 (B)	A, B, C, D, E	650HS091*11	.750-0.1P-0.3L-TS	M20x1-6g	1.250 31.8	.755 19.2	.830 21.1	.766 19.5	1.386 35.2
13 (C)	A, B, C, D, E	650HS091*13	.875-0.1P-0.3L-TS	M25x1-6g	1.375 34.9	.942 23.9	1.015 25.8	.940 23.9	1.512 38.4
15 (D)	A, B, C, D, E	650HS091*15	1.000-0.1P-0.3L-TS	M28x1-6g	1.500 38.1	1.065 27.1	1.140 29.0	1.070 27.2	1.638 41.6
17 (E)	A, B, C, D, E	650HS091*17	1.1875-0.1P-0.3L-TS	M32x1-6g	1.625 41.3	1.191 30.3	1.265 32.1	1.205 30.6	1.764 44.8
19 (F)	A, B, C, D, E	650HS091*19	1.250-0.1P-0.3L-TS	M35x1-6g	1.812 46.0	1.316 33.4	1.390 35.3	1.330 33.8	1.949 49.5
21 (G)	A, B, C, D, E	650HS091*21	1.375-0.1P-0.3L-TS	M38x1-6g	1.931 49.0	1.441 36.6	1.515 38.5	1.455 37.0	2.075 52.7
23 (H)	A, B, C, D, E	650HS091*23	1.500-0.1P-0.3L-TS	M41x1-6g	2.062 52.4	1.566 39.8	1.640 41.7	1.580 40.1	2.201 55.9
25 (J)	A, B, C, D, E	650HS091*25	1.625-0.1P-0.3L-TS	M44x1-6g	2.188 55.6	1.691 43.0	1.765 44.8	1.705 43.3	2.323 59.0

650HS007 DUMMY RECEPTACLE FOR MIL-DTL-38999 SERIES IV CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 650HS007 receptacle accommodates MIL-DTL-38999 Series IV breech-lock plug connectors.

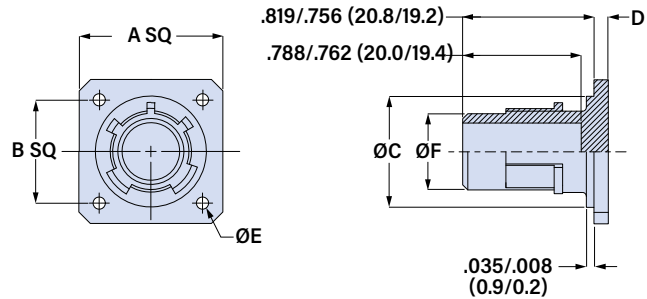


TABLE 1 FINISH CODES

Aluminum		Stainless Steel	
C	Black Anodize	Z1	Passivate
M	Electroless Nickel		
NF	Olive Drab Cadmium		
MT	Nickel-PTFE		
ZR	Black Zinc-Nickel		
TZ	Tin-Zinc		

Shell Size	Part Number * = Finish Code from Table 1	A Max. In. mm.	B ± .015 (0.4) In. mm.	C Max. In. mm.	D ± .006 (0.15) In. mm.	øE ± .008 (0.2) In. mm.	F Max. In. mm.
11 (B)	650HS007*11	1.051 26.7	.812 20.6	.793 20.1	.094 2.4	.130 3.3	.509 12.9
13 (C)	650HS007*13	1.146 29.1	.906 23.0	.919 23.3	.094 2.4	.130 3.3	.634 16.1
15 (D)	650HS007*15	1.240 31.5	.969 24.6	1.044 26.5	.094 2.4	.130 3.3	.759 19.3
17 (E)	650HS007*17	1.335 33.9	1.062 27.0	1.170 29.7	.094 2.4	.130 3.3	.885 22.5
19 (F)	650HS007*19	1.461 37.1	1.156 29.4	1.294 32.9	.094 2.4	.130 3.3	1.009 25.6
21 (G)	650HS007*21	1.583 40.2	1.250 31.8	1.419 36.0	.126 3.2	.130 3.3	1.134 28.8
23 (H)	650HS007*23	1.709 43.4	1.375 34.9	1.544 39.2	.126 3.2	.150 3.8	1.259 32.0
25 (J)	650HS007*25	1.835 46.6	1.500 38.1	1.669 42.4	.126 3.2	.150 3.8	1.384 35.2

Series 65 Dummy Receptacles

for MIL-DTL-28840 Connectors and Series 801 Mighty Mouse

650GS001, 657-072

650GS001 DUMMY RECEPTACLE FOR MIL-DTL-28840 AND MIL-PRF-28876 CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 650GS001 receptacle accommodates MIL-DTL-28840 and MIL-PRF-28876 threaded plug connectors.

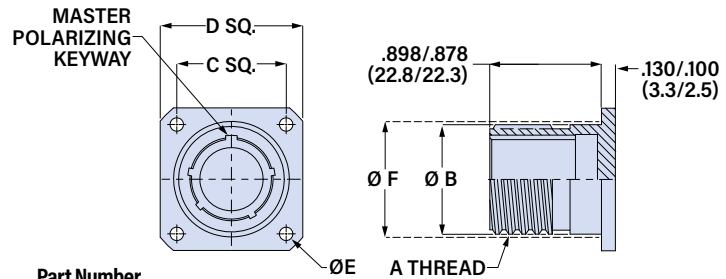


TABLE 1 FINISH CODES

Aluminum		Stainless Steel	
C Black Anodize		Z1 Passivate	
M Electroless Nickel		ZU Black Cadmium	
NF Olive Drab Cadmium			
MT Nickel-PTFE			
ZR Black Zinc-Nickel			
TZ Tin-Zinc			

Shell Size	Part Number * = Finish Code ♦ = Key Position 1-6	A Thread.	øB Max.		C Square		D Max.		øE		F Ref.	
			In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
11 (A)	650GS001*11-♦	.750-1P-2L-D.S.	.750	19.1	.750	19.1	1.043	26.5	.125	3.2	.812	20.6
13 (B)	650GS001*13-♦	.875-1P-2L-D.S.	.875	22.2	.843	21.4	1.158	29.4	.125	3.2	.937	23.8
15 (C)	650GS001*15-♦	1.062-1P-2L-D.S.	1.062	27.0	.968	24.6	1.278	32.5	.125	3.2	1.124	28.6
17 (D)	650GS001*17-♦	1.125-1P-2L-D.S.	1.125	28.6	1.015	25.8	1.403	35.6	.125	3.2	1.187	30.2
19 (E)	650GS001*19-♦	1.312-1P-2L-D.S.	1.312	33.3	1.140	29.0	1.528	38.8	.125	3.2	1.375	34.9
23 (F)	650GS001*23-♦	1.500-1P-2L-D.S.	1.500	38.1	1.281	32.5	1.738	44.1	.125	3.2	1.562	40.0
25 (G)	650GS001*25-♦	1.625-1P-2L-D.S.	1.625	41.3	1.392	35.4	1.838	46.7	.150	3.8	1.687	42.9
29 (H)	650GS001*29-♦	1.812-1P-2L-D.S.	1.812	46.0	1.568	39.8	2.158	54.8	.150	3.8	1.874	47.6
33 (J)	650GS001*33-♦	2.000-1P-2L-D.S.	2.000	50.8	1.734	44.0	2.348	59.6	.177	4.5	2.062	52.4

657-072 DUMMY RECEPTACLE FOR SERIES 801 CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 657-072 receptacle accommodates Glenair Series 801 threaded plug connectors. Fluorosilicone gasket.

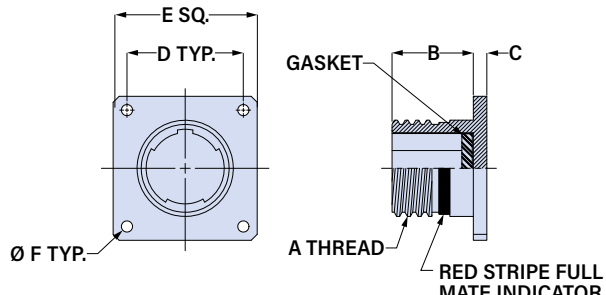


TABLE 1 FINISH CODES

Aluminum		Stainless Steel	
C Black Anodize		Z1 Passivate	
M Electroless Nickel			
NF Olive Drab Cadmium			
MT Nickel-PTFE			
ZR Black Zinc-Nickel			
TZ Tin-Zinc			

Shell Size	Part Number * = Finish Code ♦ = Key Position 1-6	A Thread.	B		C		D		E		ø F	
			± .015 (0.4) In.	± .015 (0.4) mm.	± .015 (0.4) In.	± .015 (0.4) mm.	± .015 (0.4) In.	± .015 (0.4) mm.	± .015 (0.4) In.	± .015 (0.4) mm.		
5	657-072*5	.3125-.05P-1L-DS-2A	.370	9.4	.060	1.5	.363	9.2	.530	13.5	.093	2.4
6	657-072*6	.375-.05P-1L-DS-2A	.370	9.4	.060	1.5	.423	10.7	.590	15.0	.093	2.4
7	657-072*7	.4375-.05P-1L-DS-2A	.370	9.4	.060	1.5	.483	12.3	.650	16.5	.093	2.4
8	657-072*8	.5000-.05P-1L-DS-2A	.370	9.4	.060	1.5	.545	13.8	.712	18.1	.093	2.4
9	657-072*9	.5625-.05P-1L-DS-2A	.370	9.4	.060	1.5	.607	15.4	.850	21.6	.128	3.3
10	657-072*10	.6250-.05P-1L-DS-2A	.370	9.4	.060	1.5	.670	17.0	.890	22.6	.128	3.3
11	657-072*11	.6875-1P-1L-DS-2A	.370	9.4	.060	1.5	.715	18.2	.935	23.7	.128	3.3
13	657-072*13	.8125-1P-2L-DS-2A	.480	12.2	.090	2.3	.812	20.6	1.030	26.2	.128	3.3
16	657-072*16	1.000-1P-2L-DS-2A	.480	12.2	.090	2.3	.981	24.9	1.219	31.0	.128	3.3
17	657-072*17	1.0625-1P-2L-DS-2A	.480	12.2	.090	2.3	1.060	26.9	1.280	32.5	.128	3.3
19	657-072*19	1.1875-1P-2L-DS-2A	.480	12.2	.090	2.3	1.191	30.3	1.432	36.4	.128	3.3
21	657-072*21	1.3125-1P-2L-DS-2A	.480	12.2	.090	2.3	1.322	33.6	1.565	39.8	.128	3.3

Series 65 Dummy Receptacles

for Series 805 Mighty Mouse and Series 806 Mil-Aero Connectors

657-079, 650-088

657-079 DUMMY RECEPTACLE FOR SERIES 805 MIGHTY MOUSE CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 657-079 receptacle accommodates Glenair's Series 805 Mighty Mouse threaded plug connectors. Fluorosilicone gasket.

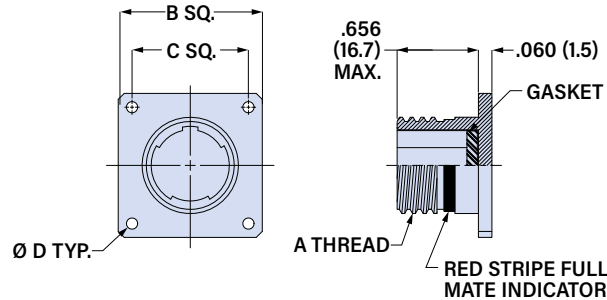


TABLE 1 FINISH CODES

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

Shell Size	Part Number * = Finish Code from Table 1	A Thread	B Sq.		C Sq.		D	
			±.015 (0.4) In.	mm.	±.015 (0.4) In.	mm.	±.015 (0.4) In.	mm.
8	657-079*8	.5000-1P-.3L-TS-2A	.850	21.6	.660	16.8	.094	2.4
9	657-079*9	.5625-1P-.3L-TS-2A	.913	23.2	.723	18.4	.094	2.4
10	657-079*10	.6250-1P-.3L-TS-2A	.975	24.8	.785	19.9	.094	2.4
11	657-079*11	.6875-1P-.3L-TS-2A	1.039	26.4	.848	21.5	.094	2.4
12	657-079*12	.7500-1P-.3L-TS-2A	1.099	27.9	.909	23.1	.094	2.4
13	657-079*13	.8125-1P-.3L-TS-2A	1.163	29.5	.973	24.7	.094	2.4
15	657-079*15	.9375-1P-.3L-TS-2A	1.288	32.7	1.058	26.9	.128	3.3
18	657-079*18	1.1250-1P-.3L-TS-2A	1.475	37.5	1.255	31.9	.128	3.3
19	657-079*19	1.1870-1P-.3L-TS-2A	1.537	39.0	1.327	33.7	.128	3.3
21	657-079*21	1.3125-1P-.3L-TS-2A	1.663	42.2	1.452	36.9	.128	3.3
23	657-079*23	1.4375-1P-.3L-TS-2A	1.787	45.4	1.570	39.9	.128	3.3

650-088 DUMMY RECEPTACLE FOR SERIES 806 MIL-AERO CONNECTORS



Use dummy storage receptacle to secure and protect unused plugs. 650-088 receptacle accommodates Glenair's Series 806 Mil-Aero threaded plug connectors.

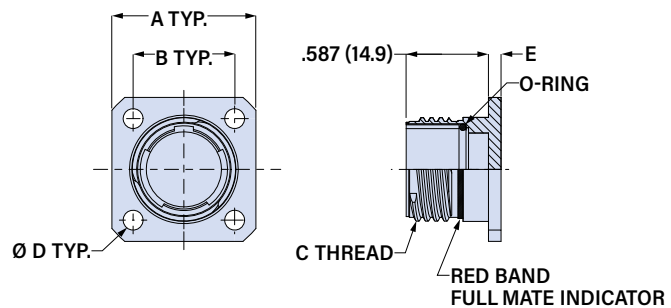


TABLE 1 FINISH CODES

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
ME Electroless Nickel	ZL Nickel
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

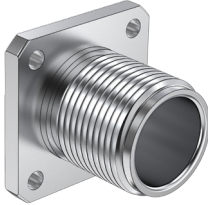
Shell Size	Part Number * = Finish Code from Table 1	A		B		C Thread	D		E	
		±.015 (0.4) In.	mm.	±.015 (0.4) In.	mm.		±.015 (0.4) In.	mm.	±.015 (0.4) In.	mm.
8	650-088*8	.822	20.9	.531	13.5	.5000-.067P-.2L-TS-2A	.128	3.3	.100	2.5
9	650-088*9	.885	22.5	.594	15.1	.5625-.067P-.2L-TS-2A	.128	3.3	.100	2.5
10	650-088*10	.913	23.2	.625	15.9	.6250-.067P-.2L-TS-2A	.128	3.3	.100	2.5
11	650-088*11	.944	24.0	.670	17.0	.6875-.067P-.2L-TS-2A	.128	3.3	.100	2.5
12	650-088*12	1.040	26.4	.765	19.4	.7500-.067P-.2L-TS-2A	.128	3.3	.100	2.5
14	650-088*14	1.133	28.8	.859	21.8	.8750-.067P-.2L-TS-2A	.128	3.3	.100	2.5
16	650-088*16	1.227	31.2	.938	23.8	1.0000-.067P-.2L-TS-2A	.128	3.3	.100	2.5
18	650-088*18	1.320	33.5	1.016	25.8	1.1250-.067P-.2L-TS-2A	.128	3.3	.100	2.5
20	650-088*20	1.444	36.7	1.109	28.2	1.2500-.067P-.2L-TS-2A	.154	3.9	.125	3.2
22	650-088*22	1.570	39.9	1.203	30.6	1.3750-.067P-.2L-TS-2A	.154	3.9	.125	3.2
24	650-088*24	1.696	43.1	1.312	33.3	1.5000-.067P-.2L-TS-2A	.154	3.9	.125	3.2

Series 65 Dummy Receptacles

for Type HN, SMA, N, and TNC Coax RF Plugs

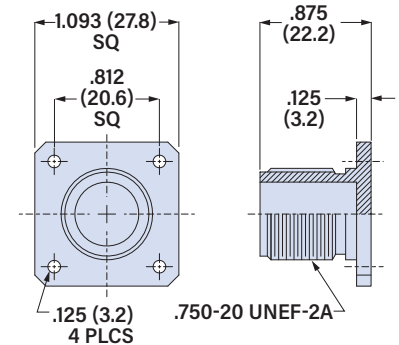
650-072, 650-073, 650-074, 650-075

650-072 DUMMY RECEPTACLE FOR DELTA TYPE HN COAX RF PLUGS

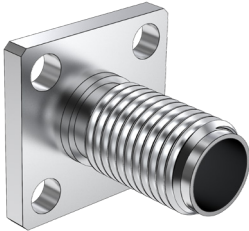


Use dummy storage receptacle to secure and protect unused plugs. 650-072 receptacle accommodates Type HN Delta coaxial plug connectors. Aluminum, stainless steel or brass.

PART NUMBER	
Aluminum 6061-T6	Electroless Nickel 650-072M
	Black Zinc-Nickel 650-072ZR
	Nickel-PTFE 650-072MT
	O. D. Cadmium 650-072NF
303 SST	Passivate 650-072Z1
	Electroless Nickel 650-072ZM
Brass	Electroless Nickel 650-072BM
	White Bronze 650-072WB

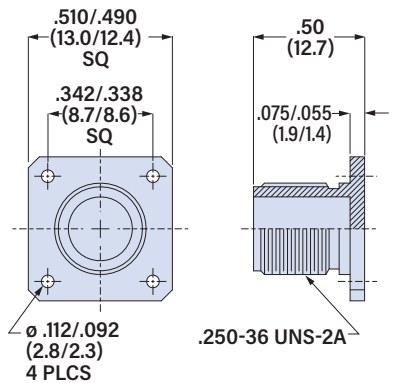


650-073 DUMMY RECEPTACLE FOR SMA COAX RF PLUGS

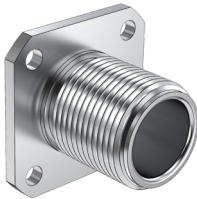


Use dummy storage receptacle to secure and protect unused plugs. 650-073 receptacle accommodates M39012 Series SMA connectors. Aluminum, stainless steel or brass.

PART NUMBER	
Aluminum 6061-T6	Electroless Nickel 650-073M
	Black Zinc-Nickel 650-073ZR
	Nickel-PTFE 650-073MT
	O. D. Cadmium 650-073NF
303 SST	Passivate 650-073Z1
	Electroless Nickel 650-073ZM
Brass	Electroless Nickel 650-073BM
	White Bronze 650-073WB

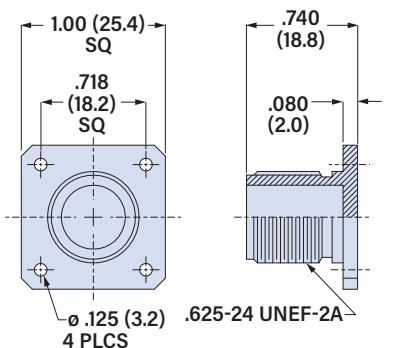


650-074 DUMMY RECEPTACLE FOR TYPE N DELTA COAX RF PLUGS

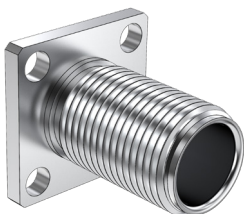


Use dummy storage receptacle to secure and protect unused plugs. 650-074 receptacle accommodates Delta Type N RF connectors. Aluminum, stainless steel or brass.

PART NUMBER	
Aluminum 6061-T6	Electroless Nickel 650-074M
	Black Zinc-Nickel 650-074ZR
	Nickel-PTFE 650-074MT
	O. D. Cadmium 650-074NF
303 SST	Passivate 650-074Z1
	Electroless Nickel 650-074ZM
Brass	Electroless Nickel 650-074BM
	White Bronze 650-074WB

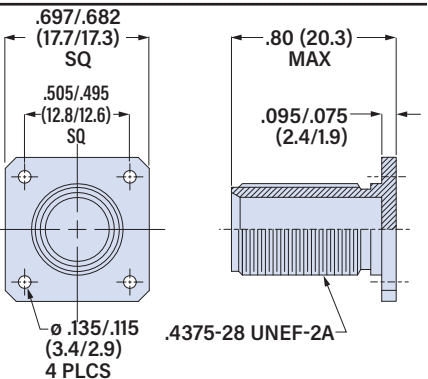


650-075 DUMMY RECEPTACLE FOR TNC COAX RF PLUGS



Use dummy storage receptacle to secure and protect unused plugs. 650-075 receptacle accommodates M39012 Series TNC RF connectors. Aluminum, stainless steel or brass.

PART NUMBER	
Aluminum 6061-T6	Electroless Nickel 650-075M
	Black Zinc-Nickel 650-075ZR
	Nickel-PTFE 650-075MT
	O. D. Cadmium 650-075NF
303 SST	Passivate 650-075Z1
	Electroless Nickel 650-075ZM
Brass	Electroless Nickel 650-075BM
	White Bronze 650-075WB



Series 65 Dummy Receptacles

for BNC Coax RF Plugs

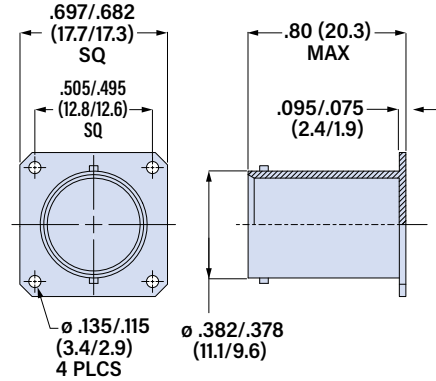
650-076

650-076 DUMMY RECEPTACLE FOR BNC COAX RF PLUGS



Use dummy stowage receptacle to secure and protect unused plugs. 650-076 receptacle accommodates M39012 Series BNC RF connectors. Aluminum, stainless steel or brass.

PART NUMBER	
Aluminum 6061-T6	Electroless Nickel 650-076M
	Black Zinc-Nickel 650-076ZR
	Nickel-PTFE 650-076MT
303 SST	O. D. Cadmium 650-076NF
	Passivate 650-076Z1
Brass	Electroless Nickel 650-076ZM
	White Bronze 650-076WB



Series 66 Protective Covers



Selection Guide

Series 66 Connector Covers



Series 66 Covers protect connectors from moisture, debris and mechanical damage. These covers fit standard mil spec circular electrical connectors, Glenair Series 80 Mighty Mouse, Series 233 SuperNine, Series 806 Mil-Aero and Series 970 PowerTrip connectors.



Spring-loaded **661 Series** EMI receptacle covers feature conductive gaskets and are available for bayonet and breech-lock connectors.



Spring-loaded **ProSeal™** receptacle covers feature gimbaled, self-aligning lids with silicone gaskets. ProSeal covers are available in two versions: flip lid for IP67 ingress protection, and threaded flip-and-spin lid for IP68 and IPX6 water jet protection.

Attachment choices include wire rope lanyards, sash chain, bead chain, and nylon cord. End fittings include stainless steel eyelets and rings in dozens of sizes.

AS50151 MIL-DTL-5015



Plug Cover
660-004
Page 66-4



Plug Cover
Composite
660-045
Page 66-5



Receptacle Cover
660-005
Page 66-6



Receptacle Cover
Composite
660-046
Page 66-7



Receptacle Cover
ProSeal Flip & Spin Lid
667-450
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Receptacle Cover
ProSeal Flip Lid
667-451
Page 66-8

MIL-DTL-26482



Plug Cover
660-008
Page 66-9



Receptacle Cover
660-009
Page 66-10



Receptacle Cover
Spring-Loaded EMI
661-001
Page 66-11



Receptacle Cover
ProSeal Flip Lid
667-472
Page 66-12

MIL-DTL-28840



Plug Cover
660-010
Page 66-13



Receptacle Cover
660-011
Page 66-14

MIL-DTL-38999 Series I



Plug Cover
660-012
Page 66-15



Receptacle Cover
660-013
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Receptacle Cover
Spring-Loaded EMI
661-002
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Receptacle Cover
ProSeal Flip Lid
667-467
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MIL-DTL-38999 Series II



Plug Cover
660-014
Page 66-19



Receptacle Cover
660-015
Page 66-20



Receptacle Cover
Spring-Loaded EMI
661-003
Page 66-21



Receptacle Cover
ProSeal Flip Lid
667-447
Page 66-22

Series 66 Protective Covers

Selection Guide

MIL-DTL-38999
Series III

MIL-DTL-38999
Series IV

MIL-DTL-83723
Series III

Series 800
Mighty Mouse

Series 801
Mighty Mouse

Series 66 Protective Covers

Selection Guide

Series 802
Mighty Mouse

Series 803
Mighty Mouse

Series 804
Mighty Mouse

Series 805
Mighty Mouse

Series 806
Mil-Aero

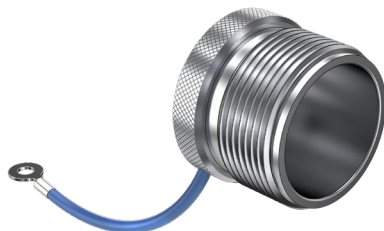
Series 970
PowerTrip

Series 66 Protective Covers

for AS5015 Connectors

660-004 Plug Cover

5015 Plug Cover



660-004 protective cover fits AS5015 threaded plug connectors, including MS3106, MS3108, MS3456, and MS3459. Aluminum or stainless steel, with stainless steel fittings.

TABLE 1 MATERIAL / FINISH

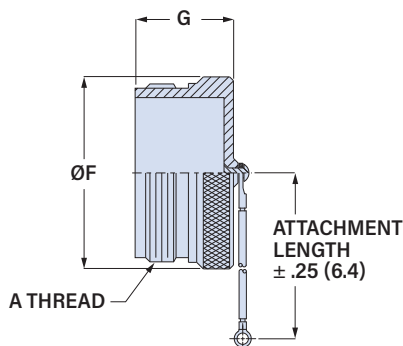
Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

PART NUMBER

660-004	M	18	G	5	-09
Base P/N	660-004				
Material/Finish	See Table 1				
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40 48				
Attachment Type	N No Attachment See Table 2 for Attachment Types				
Attachment Length	Omit for Attachment Type N Length in One Inch Increments				
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes				

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link.280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C



Shell Size	A Thread Class 2A	F Max In.	F Max mm.	G Max In.	G Max mm.
08	.500-28 UNEF	.562	14.3	.656	16.7
10	.625-24 UNEF	.687	17.4	.656	16.7
12	.750-20 UNEF	.812	20.6	.844	21.4
14	.875-20 UNEF	.937	23.8	.844	21.4
16	1.00-20 UNEF	1.062	27.0	.844	21.4
18	1.125-18 UNEF	1.187	30.1	.844	21.4
20	1.250-18 UNEF	1.312	33.3	.844	21.4
22	1.375-18 UNEF	1.437	36.5	.844	21.4
24	1.500-16 UNEF	1.562	39.7	.844	21.4
28	1.750-18 UNS	1.812	46.0	.844	21.4
32	2.000-18 UNS	2.062	52.4	.844	21.4
36	2.250-16 UN	2.312	58.7	.844	21.4
40	2.500-16 UN	2.562	65.1	.844	21.4
44	2.750-16 UN	2.812	71.4	.844	21.4
48	3.000-16 UN	3.062	77.8	.844	21.4

TABLE 3 ATTACHMENT RING

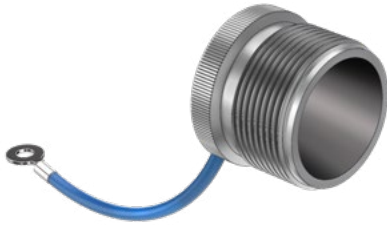
EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE		CABLE TIE		CABLE TIE		CABLE TIE	
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for AS50151 Connectors

660-045 Plug Cover, Composite

5015 Plug Cover



Corrosion-proof composite. 660-045 protective cover fits AS50151 threaded plug connectors. High performance thermoplastic, with stainless steel fittings.









PART NUMBER

660-045	XB	18	H	5	-09
Base P/N	660-045				
Finish	See Table 1				
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40 48				
Attachment Type	N No Attachment See Table 2 for Attachment Types				
Attachment Length	Omit for Attachment Type N Length in One Inch Increments				
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes				

TABLE 1 FINISH

XB	No Finish, Black Color
XM	Electroless Nickel
XMT	Nickel-PTFE
XO	No Finish, Natural Amber Color
XW	Olive Drab Cadmium
XZR	Zinc-Nickel, Black

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	A Thread Class 2A	ø B Max In.	14.3 mm.	C Max In.	16.7 mm.
08	.500-28 UNEF	.562	14.3	.656	16.7
10	.625-24 UNEF	.687	17.4	.656	16.7
12	.750-20 UNEF	.812	20.6	.844	21.4
14	.875-20 UNEF	.937	23.8	.844	21.4
16	1.00-20 UNEF	1.062	27.0	.844	21.4
18	1.125-18 UNEF	1.187	30.1	.844	21.4
20	1.250-18 UNEF	1.312	33.3	.844	21.4
22	1.375-18 UNEF	1.437	36.5	.844	21.4
24	1.500-16 UNEF	1.562	39.7	.844	21.4
28	1.750-18 UNS	1.812	46.0	.844	21.4
32	2.000-18 UNS	2.062	52.4	.844	21.4
36	2.250-16 UN	2.312	58.7	.844	21.4
40	2.500-16 UN	2.562	65.1	.844	21.4
44	2.750-16 UN	2.812	71.4	.844	21.4
48	3.000-16 UN	3.062	77.8	.844	21.4

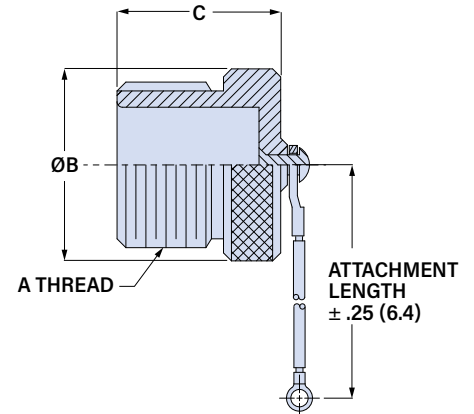




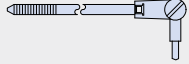


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for AS5015 Connectors

660-005 Receptacle Cover

5015 Receptacle Cover



TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link.280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

660-005 protective cover fits AS5015 threaded receptacle connectors. Aluminum or stainless steel. Stainless steel fittings, silicone gasket.

PART NUMBER

660-005	NF	32	S	4	-05
Base P/N	660-005				
Material/Finish	See Table 1				
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40 48				
Attachment Type	N No Attachment See Table 2 for Attachment Types				
Attachment Length	Omit for Attachment Type N Length in One Inch Increments				
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes				

Shell Size	A Thread Class 2B	ø H Max In.	ø H Max mm.	J Max In.	J Max mm.
08	.500-28 UNEF	.688	17.5	.465	11.8
10	.625-24 UNEF	.815	20.7	.465	11.8
12	.750-20 UNEF	1.000	25.4	.465	11.8
14	.875-20 UNEF	1.125	28.6	.465	11.8
16	1.00-20 UNEF	1.188	30.2	.465	11.8
18	1.125-18 UNEF	1.344	34.1	.465	11.8
20	1.250-18 UNEF	1.469	37.3	.465	11.8
22	1.375-18 UNEF	1.594	40.5	.465	11.8
24	1.500-18 UNEF	1.719	43.7	.465	11.8
28	1.750-18 UNS	1.969	50.0	.531	13.5
32	2.000-18 UNS	2.219	56.4	.531	13.5
36	2.250-16 UN	2.469	62.7	.531	13.5
40	2.500-16 UN	2.719	69.1	.531	13.5
44	2.750-16 UN	2.969	75.4	.531	13.5
48	3.000-16 UN	3.188	81.0	.531	13.5

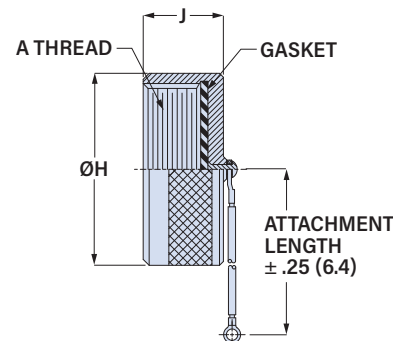


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
-WS	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for AS5015 Connectors

660-046 Receptacle Cover, Composite

5015 Receptacle Cover



Corrosion-proof composite. 660-046 protective cover fits AS5015 threaded receptacle connectors. High performance thermoplastic, with stainless steel fittings.








PART NUMBER

	660-046	XB	18	H	5	-09
Base P/N	660-046					
Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40 48					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 FINISH

XB	No Finish, Black Color
XM	Electroless Nickel
XMT	Nickel-PTFE
XO	No Finish, Natural Amber Color
XW	Olive Drab Cadmium
XZR	Zinc-Nickel, Black

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	A Thread Class 2B	ø B Max In.	mm.	C Max In.	mm.
08	.500-28 UNEF	.688	17.5	.465	11.8
10	.625-24 UNEF	.812	20.6	.465	11.8
12	.750-20 UNEF	1.000	25.4	.465	11.8
14	.875-20 UNEF	1.125	28.6	.465	11.8
16	1.00-20 UNEF	1.188	30.2	.465	11.8
18	1.125-18 UNEF	1.344	34.1	.465	11.8
20	1.250-18 UNEF	1.469	37.3	.465	11.8
22	1.375-18 UNEF	1.594	40.5	.465	11.8
24	1.500-16 UNEF	1.719	34.7	.465	11.8
28	1.750-18 UNS	1.969	50.0	.531	13.5
32	2.000-18 UNS	2.219	56.4	.531	13.5
36	2.250-16 UN	2.469	62.7	.531	13.5
40	2.500-16 UN	2.719	69.1	.531	13.5
44	2.750-16 UN	2.969	75.4	.531	13.5
48	3.000-16 UN	3.188	81.0	.531	13.5

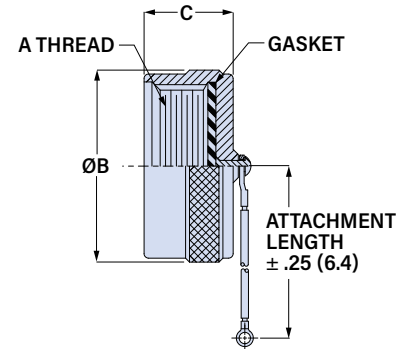




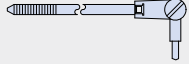


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for AS50151 Connectors

667-450, 667-451 ProSeal™ Flip Lid Receptacle Cover

5015 Receptacle Cover
ProSeal™ Flip-and-Spin Lid



ProSeal™ Flip Lid



Spring-loaded, waterproof. ProSeal™ cover fits AS50151 threaded receptacle connectors including MS3100, MS3102, MS3412, MS3450, and MS3452. Cover mounts onto standard connector jam nut or square flange mounting holes. Two lid styles are available: *Flip Lid* and *Flip-and-Spin Lid*. Unthreaded flip lid has torsion spring and gimballed cover for dust-tight and water-tight sealing (IP67 rating). Flip-and-spin lid has threaded cover. Snap lid onto connector face, then hand-tighten ¼ turn for IP68 ingress protection plus IPX6 high pressure water spray. -40 to +120 °C.

PART NUMBER

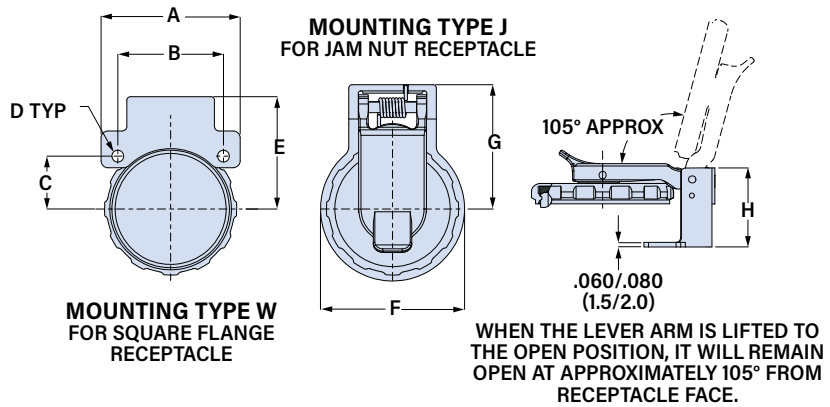
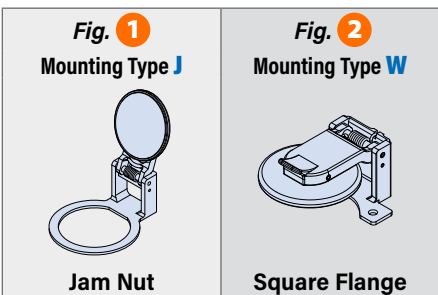
		667-450	C	32	T1	W	-59
Base P/N	667-450 667-451	Flip-and-Spin Lid Flip Lid					
Bracket Finish	See Table 1						
Shell Size	See Dimensions Table below for Shell Size Code						
Panel Thickness	T0	Front Mount (not applicable to jam nut mount)					
	T1	.062 (1.6) +/- .030 (0.8)					
	T2	.125 (3.2) +/- .030 (0.8)					
Mounting Type	J	Jam Nut (fig. 1)					
	W	Square Flange (fig. 2)					
Modification Code	Mod-59 is not available for P/N 667-450 -59 Silver-Filled Silicone EMI Gasket						

TABLE 1 BRACKET FINISH

C	Black Anodize
M	Electroless Nickel
NF	Olive Drab Cadmium
MT	Nickel-PTFE
ZR	Black Zinc-Nickel
TZ	Tin-Zinc

MATERIALS AND FINISHES

Lid, lever arm, gimbal: thermoplastic, black
Bracket: aluminum, plated per finish code
Spring, pin, rivit: SST/passivate
Sleeve: Delrin
Gasket: silicone
Conductive gasket: silver-filled silicone



Shell Size Code	Shell Size	A Max	B	C	D	E Max	F	G Max	H Max
		in mm	±.015 (.38)	±.015 (.38)	±.008 (.20)	in mm	±.031 (.79)	in mm	in mm
01	8	.967 24.6	.594 15.1	.297 7.5	.128 3.3	.841 21.4	.890 22.6	.841 21.4	.993 25.2
02	10	1.061 26.9	.719 18.3	.360 9.1	.134 3.4	.903 22.9	.937 23.8	.893 22.7	.993 25.2
03	12	1.156 29.4	.812 20.6	.406 10.3	.134 3.4	.966 24.5	1.062 27.0	.966 24.5	1.243 31.6
04	12S	1.156 29.4	.812 20.6	.406 10.3	.134 3.4	.966 24.5	1.062 27.0	.966 24.5	.993 25.2
05	14	1.250 31.8	.906 23.0	.453 11.5	.134 3.4	1.034 26.3	1.188 30.2	1.034 26.3	1.243 31.6
06	14S	1.250 31.8	.906 23.0	.453 11.5	.134 3.4	1.034 26.3	1.188 30.2	1.034 26.3	.993 25.2
07	16	1.341 34.1	.969 24.6	.485 12.3	.134 3.4	1.113 28.3	1.375 34.9	1.133 28.8	1.243 31.6
08	16S	1.341 34.1	.969 24.6	.485 12.3	.134 3.4	1.113 28.3	1.375 34.9	1.133 28.8	.993 25.2
09	18	1.467 37.3	1.062 27.0	.531 13.5	.134 3.4	1.149 29.2	1.625 41.3	1.149 29.2	1.243 31.6
10	20	1.593 40.5	1.156 29.4	.578 14.7	.134 3.4	1.365 34.7	1.750 44.5	1.365 34.7	1.328 33.7
11	22	1.719 43.7	1.250 31.8	.625 15.9	.134 3.4	1.429 36.3	2.000 50.8	1.429 36.3	1.328 33.7
12	24	1.871 47.5	1.375 34.9	.688 17.5	.154 3.9	1.491 37.9	2.150 54.6	1.491 37.9	1.328 33.7
13	28	2.042 51.9	1.562 39.7	.781 19.8	.154 3.9	1.656 42.1	2.309 58.6	1.708 43.4	1.328 33.7
14	32	2.280 57.9	1.750 44.5	.875 22.2	.177 4.5	1.743 44.3	2.562 65.1	1.867 47.4	1.390 35.3
15	36	2.530 64.3	1.938 49.2	.969 24.6	.177 4.5	1.977 50.2	2.875 73.0	2.124 53.9	1.390 35.3
16	40	2.780 70.6	2.188 55.6	1.094 27.8	.177 4.5	2.196 55.8	3.145 79.9	2.214 56.2	1.390 35.3

Series 66 Protective Covers

for MIL-DTL-26482 Connectors

660-008 Plug Cover

M26482 Plug Cover



660-008 protective cover fits MIL-DTL-26482 bayonet plug connectors including MS3116, MS3126, MS3474, MS3476. Also fits VG95328 plugs and Glenair IPT plugs. Aluminum or stainless steel, with stainless steel fittings and bayonet pins.

PART NUMBER

	660-008	NF	14	S	5	-09
Base P/N	660-008					
Material/Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø E In.	ø E mm.	F Max In.	F Max mm.	ø G Max In.	ø G Max mm.
08	.473	12.0	.562	14.3	.719	18.3
10	.590	15.0	.562	14.3	.844	21.4
12	.750	19.1	.562	14.3	1.000	25.4
14	.875	22.2	.562	14.3	1.125	28.6
16	1.000	25.4	.562	14.3	1.250	31.8
18	1.125	28.6	.562	14.3	1.375	34.9
20	1.250	31.8	.625	15.9	1.500	38.1
22	1.375	34.9	.625	15.9	1.625	41.3
24	1.500	38.1	.658	16.7	1.750	44.5

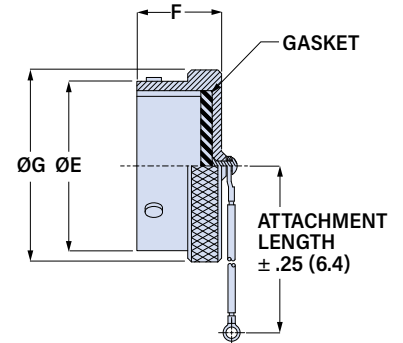


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-26482 Connectors

660-009 Receptacle Cover

M26482 Receptacle Cover








660-009 protective cover fits MIL-DTL-26482 bayonet receptacles. Also fits VG95328 and Glenair IPT receptacles. Aluminum or stainless steel, with stainless steel fittings.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	660-009	M	18	U	5	-05
Material/Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

Shell Size	ø H Max		J Max	
	In.	mm.	In.	mm.
08	.734	18.6	.562	14.3
10	.859	21.8	.562	14.3
12	1.000	25.4	.562	14.3
14	1.125	28.6	.562	14.3
16	1.250	31.8	.562	14.3
18	1.375	34.9	.562	14.3
20	1.500	38.1	.562	14.3
22	1.625	41.3	.562	14.3
24	1.750	44.5	.602	15.3

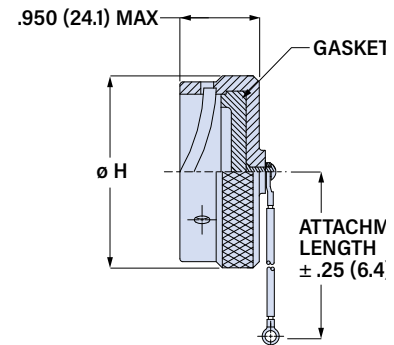




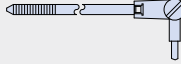


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		CABLE TIE					
							
		-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-26482 Connectors

661-001 Receptacle Cover, Spring-Loaded EMI

M26482 EMI Receptacle Cover



661-001 protective cover fits MIL-DTL-26482 bayonet receptacles. Also fits VG95328 and Glenair IPT receptacles. EMI protected with silicone/Monel wire mesh conductive gasket. Wave spring and disk provide consistent gasket sealing across a wide tolerance range. Aluminum, with stainless steel fittings.

PART NUMBER

	661-001	NF	12	S	4	-05
Base P/N	661-001					
Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 FINISH

- M** Electroless Nickel
- NF** Olive Drab Cadmium
- MT** Nickel-PTFE
- ZR** Black Zinc-Nickel
- TZ** Tin-Zinc

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø H Max In.	mm.
08	.734	18.6
10	.859	21.8
12	1.000	25.4
14	1.125	28.6
16	1.250	31.8
18	1.375	34.9
20	1.500	38.1
22	1.625	41.3
24	1.750	44.5

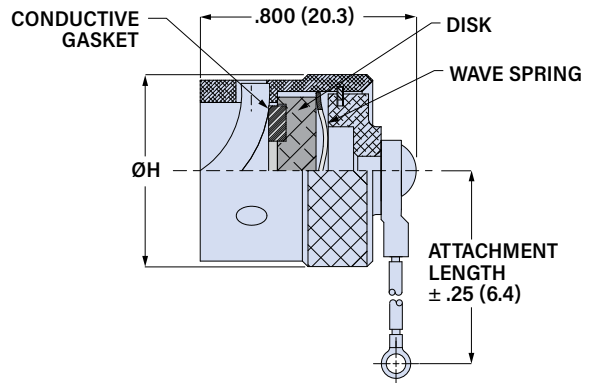


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS						
	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-26482 Connectors

667-472 ProSeal™ Flip Lid Receptacle Cover

M26482 Receptacle Cover



Spring-loaded, waterproof. ProSeal™ flip lid fits MIL-DTL-26482 bayonet receptacles. Fits standard connector jam nut or square flange mounting holes. Snap lid onto connector face for dust-tight and water-tight seal (IP67 rating). Lid remains in open position when fully raised. -40 to +120 °C.

PART NUMBER

		667-472	C	18	T1	W	-59
Base P/N	667-472						
Bracket Finish	See Table 1						
Shell Size	08 10 12 14 16 18 20 22 24						
Panel Thickness	Panel Thickness Code	Square Flange		Jam Nut			
		Shell Size 08-18	Shell Size 20-24	Shell Size 08-18	Shell Size 20-24		
	T0	.000 (Front Mount)		N/A			
	T1	.031 ± .005 (0.8 ± 0.1)	.062 ± .030 (1.6 ± 0.8)	.031 ± .005 (0.8 ± 0.1)	.062 ± .030 (1.6 ± 0.8)		
T2	N/A	.125 ± .030 (3.2 ± 0.8)	.125 ± .030 (3.2 ± 0.8)	.125 ± .030 (3.2 ± 0.8)			
Mounting Type	J Jam Nut (fig. 1)						
	W Square Flange (fig. 2)						
Modification Code	Omit for standard silicone gasket						
	-59 Silver-Filled Silicone EMI Gasket						

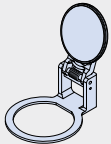
TABLE 1 BRACKET FINISH

C	Black Anodize
M	Electroless Nickel
NF	Olive Drab Cadmium
MT	Nickel-PTFE
ZR	Black Zinc-Nickel
TZ	Tin-Zinc

MOUNTING TYPE

1

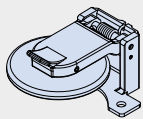
Mounting Type J



Jam Nut

2

Mounting Type W



Square Flange

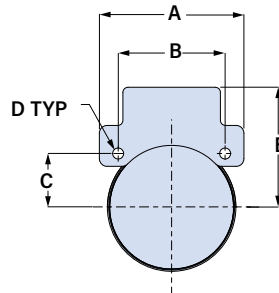
H DIMENSION

Panel Thickness Code	Shell Size	H Dim. Bracket Height			
		Type J Jam Nut		Type W Square Flange	
		In.	mm.	In.	mm.
T0 Front Mount	08-18	N/A	N/A	.718	18.2
	20-22	N/A	N/A	.946	24.0
	24	N/A	N/A	.987	25.1
T1	.031 ± .005 08-18	.935	23.7	.656	16.7
	.062 ± .030 20-22 (1.6 ± 0.8)	1.238	31.4	.876	22.3
T2	.125 ± .030 08-18 (3.2 ± 0.8)	.875	22.2	N/A	N/A
	20-22	1.178	29.9	.814	20.7
	24	1.281	32.5	.863	21.9

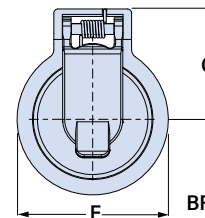
MATERIALS AND FINISHES

Lid, lever arm, gimbal: thermoplastic, black
 Bracket: aluminum, plated per finish code
 Spring, pin, rivet: SST/passivate
 Sleeve: Delrin
 Gasket: silicone
 Conductive gasket: silver-filled silicone

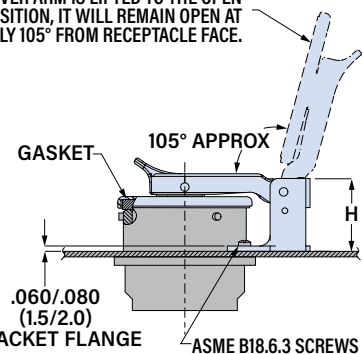
MOUNTING TYPE W SQUARE FLANGE RECEPTACLE



MOUNTING TYPE J JAM NUT RECEPTACLE



WHEN THE LEVER ARM IS LIFTED TO THE OPEN POSITION, IT WILL REMAIN OPEN AT APPROXIMATELY 105° FROM RECEPTACLE FACE.



ASME B18.6.3 SCREWS ARE RECOMMENDED TO AVOID PLUG INTERFERENCE

Shell Size	A Max in	A Max mm	B ±.015 (0.4) in.	B ±.015 (0.4) mm.	C ±.015 (0.4) in.	C ±.015 (0.4) mm.	D ±.010 (0.3) in.	D ±.010 (0.3) mm.	E Max in.	E Max mm.	F ±.031 (.8) in.	F ±.031 (.8) mm.	G Max in.	G Max mm.
08	.967	24.6	.594	15.0	.297	7.5	.120	3.0	.841	21.4	1.031	26.2	.841	21.4
10	1.061	27.0	.719	18.3	.360	9.1	.120	3.0	.903	22.9	1.031	26.2	.841	21.4
12	1.156	29.4	.812	20.6	.406	10.3	.120	3.0	.966	24.5	1.299	33.0	.966	24.5
14	1.250	31.8	.906	23.0	.453	11.5	.120	3.0	1.034	26.3	1.375	34.9	1.028	26.1
16	1.341	33.9	.969	24.6	.485	12.3	.120	3.0	1.113	28.3	1.560	39.6	1.113	28.3
18	1.467	37.3	1.062	27.0	.531	13.5	.120	3.0	1.149	29.2	1.625	41.3	1.149	29.2
20	1.593	40.5	1.156	29.4	.578	14.7	.120	3.0	1.365	34.7	1.750	44.5	1.365	34.7
22	1.719	43.7	1.250	31.8	.625	15.9	.120	3.0	1.429	36.3	2.000	50.8	1.429	36.3
24	1.871	47.5	1.375	34.9	.688	17.5	.147	3.7	1.491	37.9	2.150	54.6	1.491	37.9

Series 66 Protective Covers

for MIL-DTL-28840 Connectors

660-010 Plug Cover

M28840 Plug Cover



660-010 protective cover fits MIL-DTL-28840 plug connectors. Aluminum or stainless steel, with stainless steel fittings.

PART NUMBER

660-010	NF	D	S	5	-04																				
Base P/N	660-010																								
Material/Finish	See Table 1																								
Shell Size	<table border="1"> <tr> <td>Shell Size (Ref.)</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>23</td> <td>25</td> <td>29</td> <td>33</td> </tr> <tr> <td>Size Code</td> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> <td>F</td> <td>G</td> <td>H</td> <td>J</td> </tr> </table>					Shell Size (Ref.)	11	13	15	17	19	23	25	29	33	Size Code	A	B	C	D	E	F	G	H	J
Shell Size (Ref.)	11	13	15	17	19	23	25	29	33																
Size Code	A	B	C	D	E	F	G	H	J																
Attachment Type	N No Attachment See Table 2 for Attachment Types																								
Attachment Length	Omit for Attachment Type N Length in One Inch Increments																								
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes																								

TABLE 1 MATERIAL / FINISH

Aluminum		Stainless Steel	
C	Black Anodize	Z1	Passivate
M	Electroless Nickel	ZU	Black Cadmium
NF	Olive Drab Cadmium		
MT	Nickel-PTFE		
ZR	Black Zinc-Nickel		
TZ	Tin-Zinc		

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	A Thread Class 2A	F Max In.	F Max mm.
11 (A)	.750-1P-2L-D.S.	1.028	26.1
13 (B)	.875-1P-2L-D.S.	1.141	29.0
15 (C)	1.062-1P-2L-D.S.	1.263	32.1
17 (D)	1.125-1P-2L-D.S.	1.387	35.2
19 (E)	1.312-1P-2L-D.S.	1.513	38.4
23 (F)	1.500-1P-2L-D.S.	1.703	43.3
25 (G)	1.625-1P-2L-D.S.	1.825	46.4
29 (H)	1.812-1P-2L-D.S.	2.143	54.4
33 (J)	2.000-1P-2L-D.S.	2.329	59.2

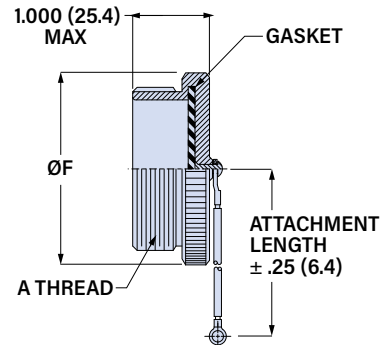


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-28840 Connectors

660-011 Receptacle Cover

M28840 Receptacle Cover



660-011 protective cover fits MIL-DTL-28840 receptacle connectors. Aluminum or stainless steel, with stainless steel fittings and bayonet pins.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	ZU Black Cadmium
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

660-011	NF	D	S	5	-04					
Base P/N	660-011									
Material/Finish	See Table 1									
Shell Size	Shell Size (Ref.)	11	13	15	17	19	23	25	29	33
	Size Code	A	B	C	D	E	F	G	H	J
Attachment Type	N No Attachment See Table 2 for Attachment Types									
Attachment Length	Omit for Attachment Type N Length in One Inch Increments									
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes									

Shell Size	A Thread Class 2B	F Max In.	F Max mm.
11 (A)	.750-1P-2L-D.S.	1.028	26.1
13 (B)	.875-1P-2L-D.S.	1.141	29.0
15 (C)	1.062-1P-2L-D.S.	1.263	32.1
17 (D)	1.125-1P-2L-D.S.	1.387	35.2
19 (E)	1.312-1P-2L-D.S.	1.513	38.4
23 (F)	1.500-1P-2L-D.S.	1.703	43.3
25 (G)	1.625-1P-2L-D.S.	1.825	46.4
29 (H)	1.812-1P-2L-D.S.	2.143	54.4
33 (J)	2.000-1P-2L-D.S.	2.329	59.2

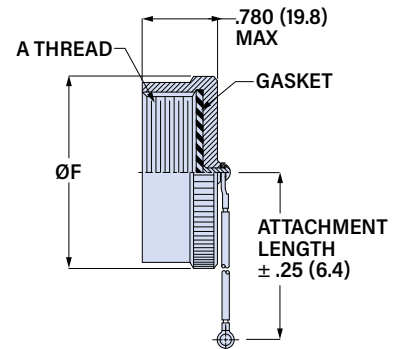


TABLE 3 ATTACHMENT RING

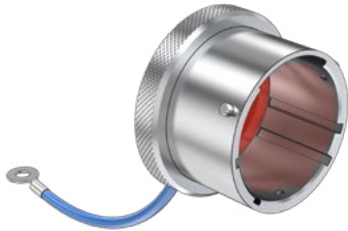
EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		CABLE TIE					
		-WS					
		Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-38999 Series I Connectors

660-012 Plug Cover

M38999/I Plug Cover



660-012 protective cover fits MIL-DTL-38999 Series I scoop-proof bayonet plug connectors including MS27467. Aluminum or stainless steel, with stainless steel fittings and bayonet pins. Silicone gasket.








PART NUMBER

660-012	NF	13	H	4	-60
Base P/N	660-012				
Material/Finish	See Table 1				
Shell Size	09 11 13 15 17 19 21 23 25				
Attachment Type	N No Attachment See Table 2 for Attachment Types				
Attachment Length	Omit for Attachment Type N Length in One Inch Increments				
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes				

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø F		ø G Max	
	± .015 (0.4) In.	mm.	In.	mm.
09	.572	14.5	.820	20.8
11	.700	17.8	.940	23.9
13	.850	21.6	1.070	27.3
15	.975	24.8	1.190	30.2
17	1.100	27.9	1.320	33.5
19	1.207	30.7	1.440	36.5
21	1.332	33.8	1.570	39.9
23	1.457	37.0	1.690	42.9
25	1.582	40.2	1.820	46.2

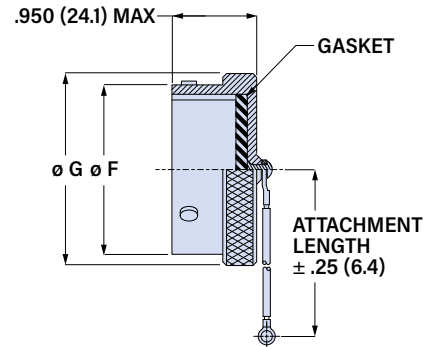




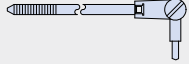


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series I Connectors

660-013 Receptacle Cover

M38999/I Receptacle Cover





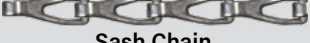





660-013 protective cover fits MIL-DTL-38999 Series I scoop-proof bayonet receptacles including MS27466, MS27468, MS27469, MS27470, MS27471, MS27496 and MS27505. Aluminum or stainless steel, with stainless steel fittings. Silicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

660-013	ZR	17	D	4	-06
Base P/N	660-013				
Material/Finish	See Table 1				
Shell Size	09 11 13 15 17 19 21 23 25				
Attachment Type	N No Attachment See Table 2 for Attachment Types				
Attachment Length	Omit for Attachment Type N Length in One Inch Increments				
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes				

Shell Size	ø H Max In.	mm.
09	.844	21.4
11	.968	24.6
13	1.125	28.6
15	1.250	31.8
17	1.406	35.7
19	1.500	38.1
21	1.625	41.3
23	1.750	44.5
25	1.875	47.6

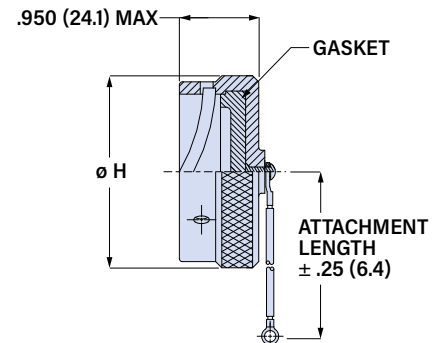




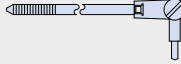


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		CABLE TIE					
							
		-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-38999 Series I Connectors

661-002 Receptacle Cover, Spring-Loaded EMI

M38999/I EMI Receptacle Cover



661-002 protective cover fits MIL-DTL-38999 Series I scoop-proof bayonet receptacles including MS27466, MS27468, MS27469, MS27470, MS27471, MS27496 and MS27505. EMI protected with silicone/Monel wire mesh conductive gasket. Wave spring and disk provide consistent gasket sealing. Aluminum cover. Hardware, rivets, wave spring and screws are passivated stainless steel. Conductive EMI gasket is silicone with embedded Monel wire mesh and is rated for -65 to +200 °C.

PART NUMBER

	661-002	NF	09	U	6	-05
Base P/N	661-002					
Finish	See Table 1					
Shell Size	09 11 13 15 17 19 21 23 25					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	-00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 FINISH

M	Electroless Nickel
NF	Olive Drab Cadmium
MT	Nickel-PTFE
ZR	Black Zinc-Nickel
TZ	Tin-Zinc

TABLE 2 ATTACHMENT TYPE

D	SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK	Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø H Max In.	mm.
09	.844	21.4
11	.975	24.8
13	1.125	28.6
15	1.250	31.8
17	1.406	35.7
19	1.500	38.1
21	1.625	41.3
23	1.750	44.5
25	1.875	47.6

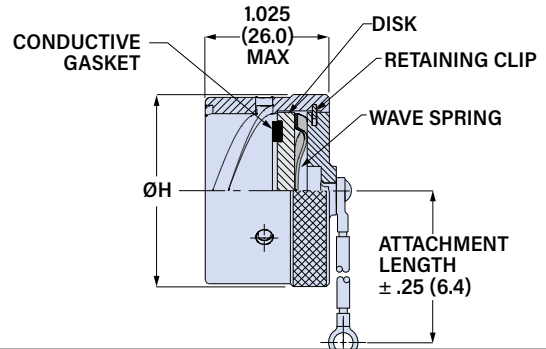


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series I Connectors

667-467 ProSeal™ Flip Lid Receptacle Cover

M38999/I Receptacle Cover



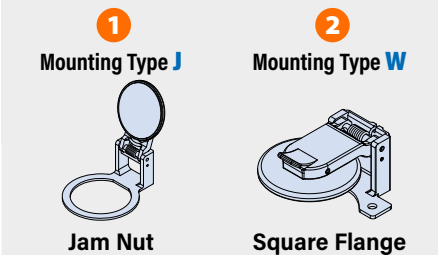
TABLE 1 BRACKET FINISH

C	Black Anodize
M	Electroless Nickel
NF	Olive Drab Cadmium
MT	Nickel-PTFE
ZR	Black Zinc-Nickel
TZ	Tin-Zinc

MATERIALS AND FINISHES

Lid, lever arm, gimbal: thermoplastic, black
 Bracket: aluminum, plated per finish code
 Spring, pin, rivet: SST/passivate
 Sleeve: Delrin
 Gasket: silicone
 Conductive gasket: silver-filled silicone

MOUNTING TYPE

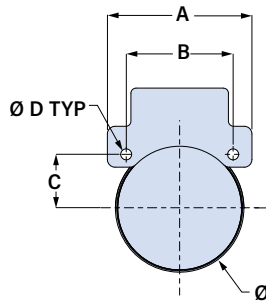


Spring-loaded, waterproof. ProSeal™ flip lid fits MIL-DTL-38999 Series I scoop-proof bayonet receptacles. Fits standard connector jam nut or square flange mounting holes. Snap lid onto connector face for dust-tight and water-tight seal (IP67 rating). Lid remains in open position when fully raised. -40 to +120 °C.

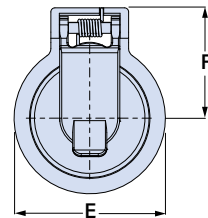
PART NUMBER

		667-467	M	17	T0	W	-59
Base P/N	667-467						
Bracket Finish	See Table 1						
Shell Size	09 11 13 15 17 19 21 23 25						
Panel Thickness	Panel Thickness Code	Square Flange		Jam Nut			
	T0	Front Mount		N/A			
	T1	.062 ± .030 (1.6 ± 0.8)		.062 ± .030 (1.6 ± 0.8)			
	T2	.125 ± .030 (3.2 ± 0.8)		N/A			
Mounting Type	J	Jam Nut (fig. 1)					
	W	Square Flange (fig. 2)					
Modification Code	Omit for standard silicone gasket						
	-59	Silver-Filled Silicone EMI Gasket					

MOUNTING TYPE W SQUARE FLANGE RECEPTACLE



MOUNTING TYPE J JAM NUT RECEPTACLE



WHEN THE LEVER ARM IS LIFTED TO THE OPEN POSITION, IT WILL REMAIN OPEN AT APPROXIMATELY 105° FROM RECEPTACLE FACE.

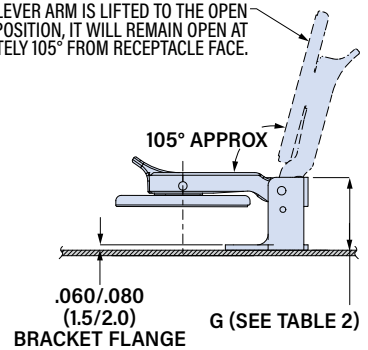


TABLE 2 G DIMENSION

Panel Thickness Code	Shell Size	G Dim. ± .06 (1.5)		B		C		D		E		F Max		J Max	
		Type J Jam Nut In.	Type W Square Flange In.	±.015 (0.4) In.	mm.	±.015 (0.4) In.	mm.	±.008 (0.2) In.	mm.	±.031 In.	mm.	In.	mm.	In.	mm.
09		.937	23.8	.719	18.3	.360	9.1	.128	3.3	1.031	26.2	.841	21.4	.727	18.5
11		1.031	26.2	.812	20.6	.406	10.3	.128	3.3	1.125	28.6	.903	22.9	.853	21.7
13		1.126	28.6	.906	23.0	.453	11.5	.128	3.3	1.375	34.9	1.028	26.1	1.003	25.5
15		1.220	31.0	.969	24.6	.485	12.3	.128	3.3	1.560	39.6	1.113	28.3	1.128	28.7
17		1.311	33.3	1.062	27.0	.531	13.5	.128	3.3	1.625	41.3	1.149	29.2	1.253	31.8
19		1.437	36.5	1.156	29.4	.578	14.7	.128	3.3	1.750	44.5	1.365	34.7	1.360	34.5
21		1.563	39.7	1.250	31.8	.625	15.9	.128	3.3	2.000	50.8	1.429	36.3	1.485	37.7
23		1.689	42.9	1.375	34.9	.688	17.5	.128	3.3	2.150	54.6	1.491	37.9	1.610	40.9
25		1.841	46.8	1.500	38.1	.750	19.1	.128	3.3	2.218	56.3	1.656	42.1	1.735	44.1

Series 66 Protective Covers

for MIL-DTL-38999 Series II Connectors

660-014 Plug Cover

M38999/II Plug Cover



660-014 protective cover fits MIL-DTL-38999 Series II bayonet plug connectors including MS27473 and MS27484. Aluminum or stainless steel, with stainless steel fittings and bayonet pins. Silicone gasket.

PART NUMBER

	660-014	M	18	F	5	-68
Base P/N	660-014					
Material/Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø E		ø F Max	
	± .015 (0.4) In.	mm.	In.	mm.
08	.473	12.0	.720	18.3
10	.590	15.0	.850	21.6
12	.750	19.1	1.000	25.4
14	.875	22.2	1.130	28.7
16	1.000	25.4	1.250	31.8
18	1.125	28.6	1.380	35.1
20	1.250	31.8	1.500	38.1
22	1.375	34.9	1.630	41.4
24	1.500	38.1	1.750	44.5

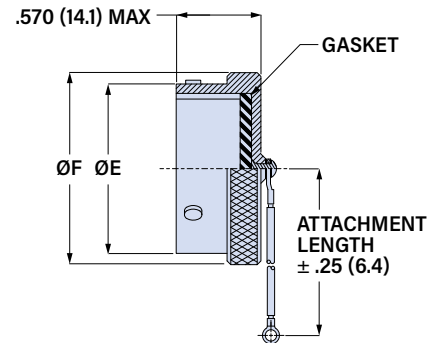


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series II Connectors

660-015 Receptacle Cover

M38999/II Receptacle Cover



660-015 protective cover fits MIL-DTL-38999 Series II bayonet receptacles including MS27472, MS27473, MS27474, MS27475, MS27476, MS27477, MS27478, and MS27479. Aluminum or stainless steel, with stainless steel fittings. Silicone gasket.

PART NUMBER

	660-015	ZR	16	D	4	-06
Base P/N	660-015					
Material/Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attach Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø G Max In.	mm.
08	.720	18.3
10	.850	21.6
12	1.000	25.4
14	1.130	28.7
16	1.250	31.8
18	1.380	35.1
20	1.500	38.1
22	1.630	41.4
24	1.750	44.5

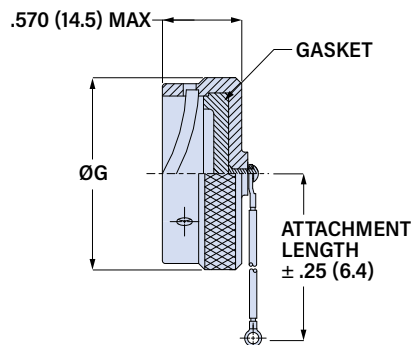


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		-WS					
		Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-38999 Series II Connectors

661-003 Receptacle Cover, Spring-Loaded EMI

M38999/II EMI Receptacle Cover



661-003 protective cover fits Series II bayonet receptacles including MS27472, MS27473, MS27474, MS27475, MS27476, MS27477, MS27478, and MS27479. EMI protected with silicone/Monel wire mesh conductive gasket. Wave spring and disk provide consistent gasket sealing. Aluminum or stainless steel. Hardware, rivets, wave spring and screws are passivated stainless steel. Conductive EMI gasket is silicone with embedded Monel wire mesh and is rated for -65 to +200 °C.

PART NUMBER

661-003	ZR	16	F	4	-01
Base P/N	661-003				
Finish	See Table 1				
Shell Size	08 10 12 14 16 18 20 22 24				
Attachment Type	N No Attachment See Table 2 for Attachment Types				
Attachment Length	Omit for Attachment Type N Length in One Inch Increments				
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes				

TABLE 1 FINISH

- M** Electroless Nickel
- NF** Olive Drab Cadmium
- MT** Nickel-PTFE
- ZR** Black Zinc-Nickel
- TZ** Tin-Zinc

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø H Max In.	mm.
08	.719	18.3
10	.812	20.6
12	1.000	25.4
14	1.125	28.6
16	1.250	31.8
18	1.375	34.9
20	1.500	38.1
22	1.625	41.3
24	1.750	44.5

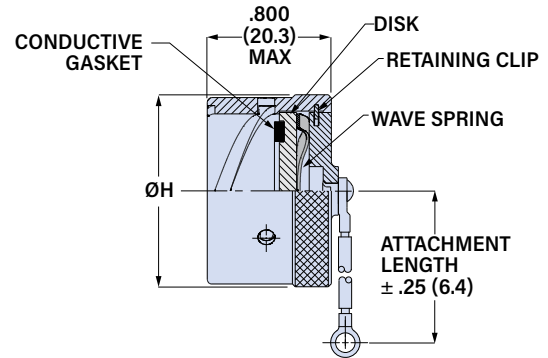


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS						
	Black 6/6 nylon cable tie						
	1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series II Connectors

667-447 ProSeal™ Flip Lid Receptacle Cover

M38999/II Receptacle Cover



Spring-loaded, waterproof. ProSeal™ flip lid fits MIL-DTL-38999 Series II bayonet receptacles. Fits standard connector jam nut or square flange mounting holes. Gimbal lid snaps onto connector face for dust-tight and water-tight seal (IP67 rating). Lid remains in open position when fully raised. -40 to +120 °C.

PART NUMBER

		667-467	M	16	T0	W	-59
Base P/N	667-467						
Bracket Finish	See Table 1						
Shell Size	08 10 12 14 16 18 20 22 24						
Panel Thickness	T0 Front Mount (not applicable to jam nut mount) T1 .062 (1.6) +/- .030 (0.8)						
Mounting Type	J Jam Nut (fig. 1) W Square Flange (fig. 2)						
Modification Code	Omit for standard silicone gasket -59 Silver-Filled Silicone EMI Gasket						

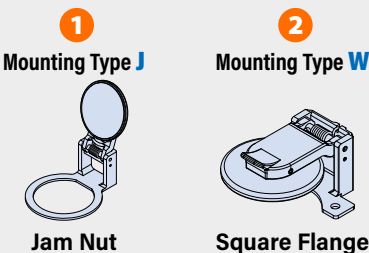
TABLE 1 BRACKET FINISH

C	Black Anodize
M	Electroless Nickel
NF	Olive Drab Cadmium
MT	Nickel-PTFE
ZR	Black Zinc-Nickel
TZ	Tin-Zinc

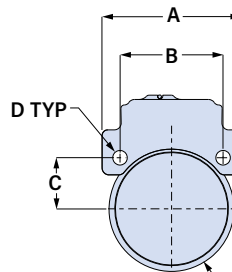
MATERIALS AND FINISHES

Lid, lever arm, gimbal: thermoplastic, black
 Bracket: aluminum, plated per finish code
 Spring, pin, rivet: SST/passivate
 Sleeve: Delrin
 Gasket: silicone
 Conductive gasket: silver-filled silicone

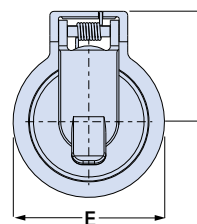
MOUNTING TYPE



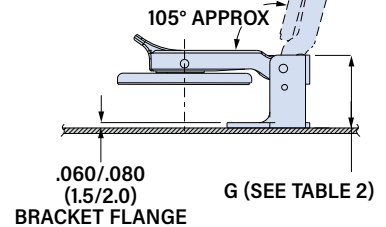
MOUNTING TYPE W SQUARE FLANGE RECEPTACLE



MOUNTING TYPE J JAM NUT RECEPTACLE



WHEN THE LEVER ARM IS LIFTED TO THE OPEN POSITION, IT WILL REMAIN OPEN AT APPROXIMATELY 105° FROM RECEPTACLE FACE.



Shell Size	A Max		B		C ± .015 (0.4)		D ± .008 (0.2)		E ± .031 (0.8)		F ± .031 (0.8)		Ø J Max	
	in	mm	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
08	.967	24.6	.594	15.0	.360	9.1	.128	3.3	1.299	33.0	.936	23.8	.735	18.7
10	1.061	27.0	.719	18.3	.406	10.3	.128	3.3	1.375	34.9	.998	25.3	.860	21.8
12	1.156	29.4	.812	20.6	.453	11.5	.128	3.3	1.560	39.6	1.083	27.5	.985	25.0
14	1.250	31.8	.906	23.0	.485	12.3	.128	3.3	1.625	41.3	1.119	28.4	1.120	28.4
16	1.341	33.9	.969	24.6	.531	13.5	.128	3.3	1.750	44.5	1.335	33.9	1.280	32.5
18	1.477	37.5	1.069	27.2	.578	14.7	.128	3.3	2.000	50.8	1.399	35.5	1.343	34.1
20	1.593	40.5	1.156	29.4	.625	15.9	.128	3.3	2.150	54.6	1.461	37.1	1.466	37.2
22	1.719	43.7	1.250	31.8	.688	17.5	.154	3.9	2.309	58.6	1.678	42.6	1.593	40.5
24	1.871	47.5	1.375	34.9	.750	19.1	.154	3.9	2.309	58.6	1.678	42.6	1.718	43.6

TABLE 2 G DIMENSION

		G Dim. ± .06 (1.5)			
Panel Thickness Code	Shell Size	Type J Jam Nut		Type W Square Flange	
		In.	mm.	In.	mm.
T0 Front Mount	08-18	N/A	N/A	.576	14.6
	20-24	N/A	N/A	.661	16.8
T1 .062 ± .030 (1.6 ± 0.8)	08-18	.622	15.8	.514	13.1
	20-24	.723	18.4	.599	15.2

Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

660-023 Plug Cover

M38999/III Plug Cover



660-023 protective cover fits MIL-DTL-38999 Series III triple-start plug connectors including D38999/26. Aluminum or stainless steel, with stainless steel fittings. Silicone gasket.

PART NUMBER

660-023	M	17	S	5	-05					
Base P/N	660-023									
Material/Finish	See Table 1									
Shell Size	Shell	9	11	13	15	17	19	21	23	25
	Size	A	B	C	D	E	F	G	H	J
	Size Code	09	11	13	15	17	19	21	23	25
Attachment Type	N	No Attachment See Table 2 for Attachment Types								
Attachment Length	Omit for Attachment Type N Length in One Inch Increments									
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes									

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	A Thread	ø F Max In.	mm.
09 (A)	.625-0.1P-0.3L-TS-2A	.906	23.0
11 (B)	.750-0.1P-0.3L-TS-2A	1.024	26.0
13 (C)	.875-0.1P-0.3L-TS-2A	1.220	31.0
15 (D)	1.000-0.1P-0.3L-TS-2A	1.300	33.0
17 (E)	1.1875-0.1P-0.3L-TS-2A	1.457	37.0
19 (F)	1.250-0.1P-0.3L-TS-2A	1.575	40.0
21 (G)	1.375-0.1P-0.3L-TS-2A	1.732	44.0
23 (H)	1.500-0.1P-0.3L-TS-2A	1.811	46.0
25 (J)	1.625-0.1P-0.3L-TS-2A	1.969	50.0

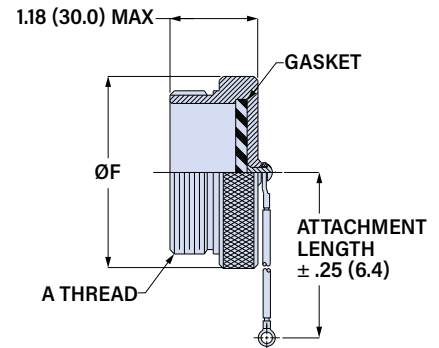


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

660-049 Plug Cover, Composite

M38999/III Plug Cover



TABLE 1 FINISH

XB	No Finish, Black Color
XM	Electroless Nickel
XMT	Nickel-PTFE
XO	No Finish, natural amber color
XW	Olive Drab Cadmium
XZR	Zinc-Nickel, Black

TABLE 2 ATTACHMENT TYPE

D	SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Corrosion-proof composite. 660-049 protective cover fits MIL-DTL-38999 Series III triple-start plug connectors including D38999/26. High performance thermoplastic, with stainless steel fittings.

PART NUMBER

Base P/N	660-049	660-049	XM	17	H	5	-05			
Finish	See Table 1									
Shell Size	Shell Size	9 A	11 B	13 C	15 D	17 E	19 F	21 G	23 H	25 J
	Size Code	09	11	13	15	17	19	21	23	25
Attachment Type	N No Attachment See Table 2 for Attachment Types									
Attachment Length	Omit for Attachment Type N Length in One Inch Increments									
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes									

Shell Size	A Thread	ø B Max In.	mm.
09 (A)	.625-0.1P-0.3L-TS-2A	.906	23.0
11 (B)	.750-0.1P-0.3L-TS-2A	1.024	26.0
13 (C)	.875-0.1P-0.3L-TS-2A	1.220	31.0
15 (D)	1.000-0.1P-0.3L-TS-2A	1.300	33.0
17 (E)	1.1875-0.1P-0.3L-TS-2A	1.457	37.0
19 (F)	1.250-0.1P-0.3L-TS-2A	1.575	40.0
21 (G)	1.375-0.1P-0.3L-TS-2A	1.732	44.0
23 (H)	1.500-0.1P-0.3L-TS-2A	1.811	46.0
25 (J)	1.625-0.1P-0.3L-TS-2A	1.969	50.0

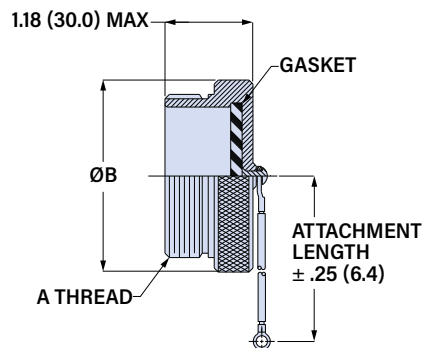


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		CABLE TIE					
		-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

660-024 Receptacle Cover

M38999/III Receptacle Cover



660-024 protective cover fits MIL-DTL-38999 Series III triple-start receptacle connectors. Aluminum or stainless steel, with stainless steel fittings. Silicone gasket.








PART NUMBER

Base P/N	660-024	660-024	NF	17	S	5	-05			
Material/Finish	See Table 1									
Shell Size	Shell Size Code	9 A	11 B	13 C	15 D	17 E	19 F	21 G	23 H	25 J
Attachment Type	N No Attachment See Table 2 for Attachment Types									
Attachment Length	Omit for Attachment Type N Length in One Inch Increments									
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes									

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	A Thread 2B	ø F Max In.	mm.
09 (A)	.625-0.1P-0.3L-TS	.906	23.0
11 (B)	.750-0.1P-0.3L-TS	1.102	28.0
13 (C)	.875-0.1P-0.3L-TS	1.220	31.0
15 (D)	1.000-0.1P-0.3L-TS	1.260	32.0
17 (E)	1.1875-0.1P-0.3L-TS	1.457	37.0
19 (F)	1.250-0.1P-0.3L-TS	1.535	39.0
21 (G)	1.375-0.1P-0.3L-TS	1.654	42.0
23 (H)	1.500-0.1P-0.3L-TS	1.772	45.0
25 (J)	1.625-0.1P-0.3L-TS	1.929	49.0

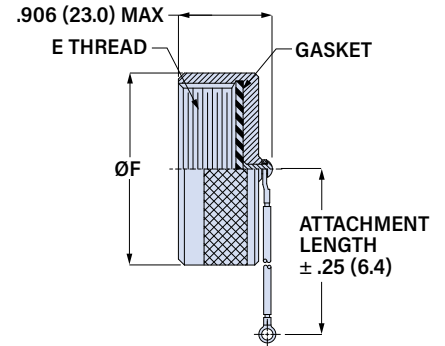




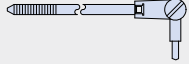


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

660-050 Receptacle Cover, Composite

M38999/III Receptacle Cover



Corrosion-proof composite. 660-050 protective cover fits MIL-DTL-38999 Series III triple-start receptacle connectors. High performance thermoplastic, with stainless steel fittings.

TABLE 1 FINISH

XB	No Finish, Black Color
XM	Electroless Nickel
XMT	Nickel-PTFE
XO	No Finish, natural amber color
XW	Olive Drab Cadmium
XZR	Zinc-Nickel, Black

TABLE 2 ATTACHMENT TYPE

D	SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	660-050	660-050	XW	21	G	4	-01			
Finish	See Table 1									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Attachment Type	N No Attachment See Table 2 for Attachment Types									
Attachment Length	Omit for Attachment Type N Length in One Inch Increments									
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes									

Shell Size	A Thread	ø B Max In.	mm.
09 (A)	.625-0.1P-0.3L-TS-2B	.906	23.0
11 (B)	.750-0.1P-0.3L-TS-2B	1.024	26.0
13 (C)	.875-0.1P-0.3L-TS-2B	1.220	31.0
15 (D)	1.000-0.1P-0.3L-TS-2B	1.300	33.0
17 (E)	1.1875-0.1P-0.3L-TS-2B	1.457	37.0
19 (F)	1.250-0.1P-0.3L-TS-2B	1.575	40.0
21 (G)	1.375-0.1P-0.3L-TS-2B	1.732	44.0
23 (H)	1.500-0.1P-0.3L-TS-2B	1.811	46.0
25 (J)	1.625-0.1P-0.3L-TS-2B	1.969	50.0

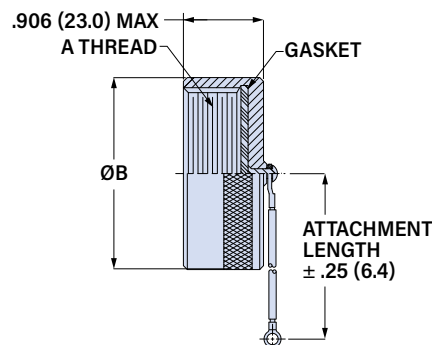


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

667-024 Receptacle Cover, Self-Locking

M38999/III Receptacle Cover









Self-Locking



TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Self-locking. Universal keying. 667-024 protective cover fits MIL-DTL-38999 Series III triple-start receptacle connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Coupling nut and barrel are aluminum or SST. Thermoplastic detent spring, nickel-plated copper alloy ground spring, SST rivet and fittings.

PART NUMBER

Base P/N	667-024	M	25	H	4	-09	G			
Material/Finish	See Table 1									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Attachment Type	N No Attachment	See Table 2 for Attachment Types								
Attachment Length	Omit for Attachment Type N Length in One Inch Increments									
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes									
Ground Spring	Omit for None G Ground Spring									

Shell Size	A Thread	ø B Max In.	mm.
09 (A)	.625-0.1P-0.3L-TS-2B	.859	21.8
11 (B)	.750-0.1P-0.3L-TS-2B	.969	24.6
13 (C)	.875-0.1P-0.3L-TS-2B	1.141	29.0
15 (D)	1.000-0.1P-0.3L-TS-2B	1.266	32.2
17 (E)	1.1875-0.1P-0.3L-TS-2B	1.391	35.3
19 (F)	1.250-0.1P-0.3L-TS-2B	1.500	38.1
21 (G)	1.375-0.1P-0.3L-TS-2B	1.625	41.3
23 (H)	1.500-0.1P-0.3L-TS-2B	1.750	44.5
25 (J)	1.625-0.1P-0.3L-TS-2B	1.875	47.6

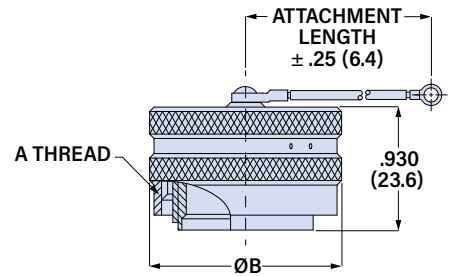




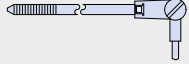


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	Ring I.D.
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

660-121 Receptacle Cover, Self-Locking, Composite

M38999/III Receptacle Cover

Self-Locking Composite



TABLE 1 FINISH

Finish Code applies to barrel only. Coupling nut is unplated black thermoplastic.

- XB** No Finish, Black Color
- XM** Electroless Nickel
- XMT** Nickel-PTFE
- XW** Olive Drab Cadmium

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (7)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Self-locking. Corrosion-proof composite. 660-121 protective cover fits MIL-DTL-38999 Series III triple-start receptacle connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Thermoplastic coupling nut and barrel. Thermoplastic detent spring, nickel-plated copper alloy ground spring, SST rivet and fittings.

PART NUMBER

660-121	XB	13	H	4	-09	G				
Base P/N	660-121									
Finish	See Table 1									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Attachment Type	N No Attachment See Table 2 for Attachment Types									
Attachment Length	Omit for Attachment Type N Length in One Inch Increments									
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes									
Ground Spring	Omit for None. Ground spring not available with Finish Code XB G Ground Spring									

Shell Size	A Thread	ø B Max In.	mm.
09 (A)	.625-0.1P-0.3L-TS-2B	.858	21.8
11 (B)	.750-0.1P-0.3L-TS-2B	.984	25.0
13 (C)	.875-0.1P-0.3L-TS-2B	1.157	29.4
15 (D)	1.000-0.1P-0.3L-TS-2B	1.279	32.5
17 (E)	1.1875-0.1P-0.3L-TS-2B	1.405	35.7
19 (F)	1.250-0.1P-0.3L-TS-2B	1.515	38.5
21 (G)	1.375-0.1P-0.3L-TS-2B	1.641	41.7
23 (H)	1.500-0.1P-0.3L-TS-2B	1.767	44.9
25 (J)	1.625-0.1P-0.3L-TS-2B	1.889	48.0

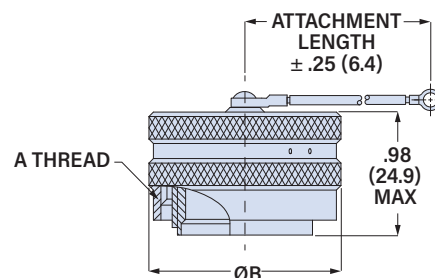




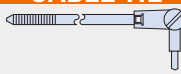


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE		-WS					
		Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-38999 Series IV Connectors

660-032 Plug Cover

M38999/IV Plug Cover



660-032 protective cover fits MIL-DTL-38999 Series IV breech-lock plug connectors. Universal polarization. Cover flange has red stripe full mate indicator. Aluminum or stainless steel, with stainless steel fittings.

PART NUMBER

		660-032	M	17	S	5	-05		
Base P/N	660-032								
Material/Finish	See Table 1								
Shell Size	Shell Size	11	13	15	17	19	21	23	25
	Size Code	11	13	15	17	19	21	23	25
Attachment Type	N No Attachment See Table 2 for Attachment Types								
Attachment Length	Omit for Attachment Type N Length in One Inch Increments								
Attachment Ring	Omit for Attachment Types N (no attachment) and SK (slip knot) -00 No Ring See Table 3 for Attachment Ring Codes								

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
G Hardcoat Anodize	Z1 Passivate
M Electroless Nickel	ZL Nickel
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø G Max In. mm.	ø H Max In. mm.	ø J Max In. mm.
11 (B)	1.180 30.0	.793 20.1	.509 12.9
13 (C)	1.320 33.5	.919 23.3	.634 16.1
15 (D)	1.440 36.6	1.044 26.5	.759 19.3
17 (E)	1.560 39.6	1.170 29.7	.885 22.5
19 (F)	1.680 42.7	1.294 32.9	1.009 25.6
21 (G)	1.820 46.2	1.419 36.0	1.134 28.8
23 (H)	1.940 49.3	1.544 39.2	1.259 32.0
25 (J)	2.060 52.3	1.669 42.4	1.384 35.2

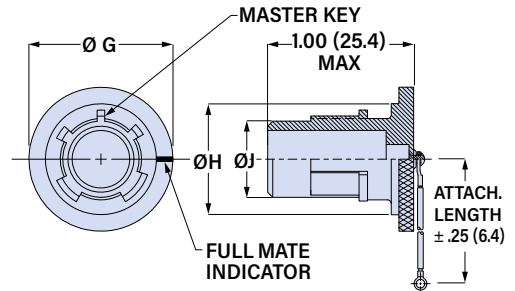


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		CABLE TIE					
		-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-38999 Series IV Connectors

660-031 Receptacle Cover

M38999/IV Receptacle Cover








660-031 protective cover fits MIL-DTL-38999 Series IV breech-lock receptacle connectors. Universal polarization. Silicone gasket. Gold plated copper alloy detent spring provides positive lock. Blue stripe indicates master keyway location. Aluminum or stainless steel, with stainless steel fittings. Optional ground spring is copper alloy, gold plated.

TABLE 1 MATERIAL / FINISH

Aluminum		Stainless Steel	
G	Hardcoat Anodize	Z1	Passivate
M	Electroless Nickel	ZL	Nickel
NF	Olive Drab Cadmium		
MT	Nickel-PTFE		
ZR	Black Zinc-Nickel		
TZ	Tin-Zinc		

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

660-031	M	23	F	4	-102	G			
Base P/N	660-031								
Material/Finish	See Table 1								
Shell Size	Shell Size	11	13	15	17	19	21	23	25
	Size Code	11	13	15	17	19	21	23	25
Attachment Type	N	No Attachment See Table 2 for Attachment Types							
Attachment Length	Omit for Attachment Type N Length in One Inch Increments								
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes								
Ground Spring	Omit for None G Ground Spring								

Shell Size	ø E Max In.	ø E Max mm.	ø F Max In.	ø F Max mm.
11 (B)	.875	22.2	.776	19.7
13 (C)	1.000	25.4	.902	22.9
15 (D)	1.125	28.6	1.039	26.4
17 (E)	1.250	31.8	1.150	29.2
19 (F)	1.375	34.9	1.276	32.4
21 (G)	1.500	38.1	1.402	35.6
23 (H)	1.625	41.3	1.528	38.8
25 (J)	1.750	44.5	1.650	41.9

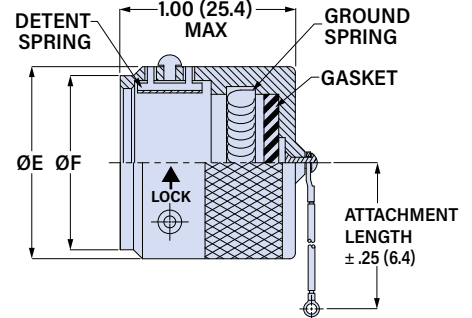




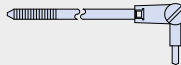


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
CABLE TIE							
							
-WS	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-38999 Series IV Connectors









660-068 Receptacle Cover, Spring-Loaded, EMI

M38999/IV EMI Receptacle Cover


TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
G Hardcoat Anodize	Z1 Passivate
M Electroless Nickel	Z17 Nickel
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

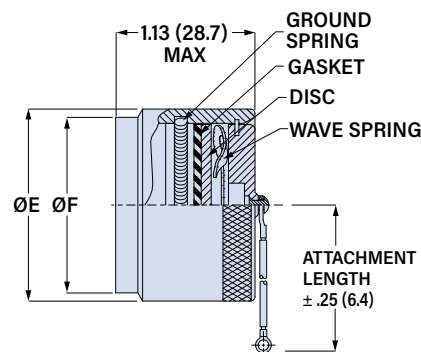
D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes 5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C





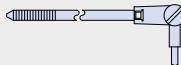
660-068 protective cover fits MIL-DTL-38999 Series IV breach-lock receptacle connectors. Silicone gasket is spring-loaded. Universal polarization. Gold plated copper alloy ground spring (optional). Aluminum or stainless steel, with stainless steel fittings.

PART NUMBER

Base P/N	660-068	M	23	S	5	-01	G
Material/Finish	See Table 1						
Attachment Type	N No Attachment See Table 2 for Attachment Types						
Attachment Length	Omit for Attachment Type N Length in One Inch Increments						
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes						
Ground Spring	Omit for None G Ground Spring						

Shell Size	ø E Max In.	ø E Max mm.	ø F Max In.	ø F Max mm.
11 (B)	.875	22.2	.776	19.7
13 (C)	1.000	25.4	.902	22.9
15 (D)	1.125	28.6	1.039	26.4
17 (E)	1.250	31.8	1.150	29.2
19 (F)	1.375	34.9	1.276	32.4
21 (G)	1.500	38.1	1.402	35.6
23 (H)	1.625	41.3	1.528	38.8
25 (J)	1.750	44.5	1.650	41.9


TABLE 3 ATTACHMENT RING

Eyelet	Style A Ring	Style B Ring	Split Ring
			
Code	Code	Code	Code
-06	-095	-10	-50
-01	-100	-12	-52
-09	-101	-13	-54
-05	-103	-14	-56
-02	-104	-15	-58
-03	-105	-17	-60
-04	-106	-19	-62
-07	-107	-20	-64
	-108	-21	-66
	-208	-22	-68
	-109	-24	-70
	-110	-27	-72
	-111	-29	-74
	-112	-30	-76
	-113	-31	-80
	-114	-33	-84
	-115	-36	-86
	CABLE TIE		
-WS	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.		

Series 66 Protective Covers

for MIL-DTL-83723 Series III Connectors

660-019 Plug Cover, Bayonet Coupling

M83723/III Plug Cover, Bayonet



660-019 protective cover fits MIL-DTL-83723 Series III bayonet plug connectors. Aluminum or stainless steel, with stainless steel fittings and bayonet pins. Silicone gasket.

PART NUMBER

		660-019	M	18	S	4	-60
Base P/N	660-019						
Material/Finish	See Table 1						
Shell Size	08 10 12 14 16 18 20 22 24						
Attachment Type	N No Attachment See Table 2 for Attachment Types						
Attachment Length	Omit for Attachment Type N Length in One Inch Increments						
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes						

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø F Max In.	mm.	ø G In.	mm.
08	.776	19.7	.536	13.6
10	.906	23.0	.659	16.7
12	1.078	27.4	.829	21.1
14	1.141	29.0	.898	22.8
16	1.266	32.2	1.025	26.0
18	1.375	34.9	1.131	28.7
20	1.510	38.4	1.256	31.9
22	1.625	41.3	1.381	35.1
24	1.760	44.7	1.506	38.3

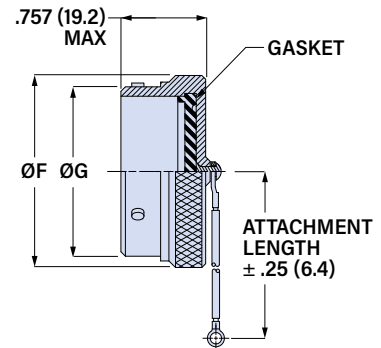


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.980 (50.3)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
-WS	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-83723 Series III Connectors

660-021 Plug Cover, Threaded Coupling






M83723/III Plug Cover, Threaded



TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

660-021 protective cover fits MIL-DTL-83723 Series III plug connectors with threaded coupling. Aluminum or stainless steel, with stainless steel fittings. Silicone gasket.

PART NUMBER

	660-021	NF	14	H	5	-15
Base P/N	660-021					
Material/Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24 28					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

Shell Size	E Thread	ø F Max In.	mm.
08	.5625-24 UNEF-2A	.776	19.7
10	.6875-24 UNEF-2A	.906	23.0
12	.8750-20 UNEF-2A	1.078	27.4
14	.9375-20 UNEF-2A	1.141	29.0
16	1.0625-18 UNEF-2A	1.266	32.2
18	1.1875-18 UNEF-2A	1.375	34.9
20	1.3125-18 UNEF-2A	1.510	38.4
22	1.4375-18 UNEF-2A	1.625	41.3
24	1.5625-18 UNEF-2A	1.760	44.7
28	1.8125-16 UN-2A	2.010	51.1

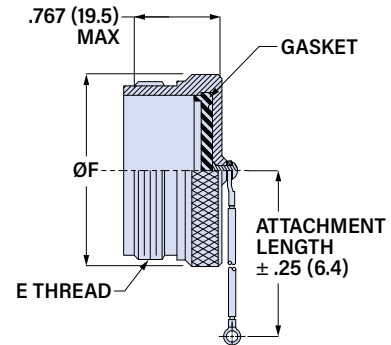




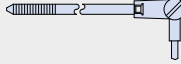


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		CABLE TIE					
							
		-WS					
		Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-83723 Series III Connectors

660-020 Receptacle Cover, Bayonet Coupling

M83723/III Recept Cover, Bayonet



660-020 protective cover fits MIL-DTL-83723 Series III receptacle connectors with bayonet coupling. Aluminum or stainless steel, with stainless steel fittings and bayonet pins. Silicone gasket.

PART NUMBER









660-020 M 20 S 4 -06

Base P/N	660-020
Material/Finish	See Table 1
Shell Size	08 10 12 14 16 18 20 22 24
Attachment Type	N No Attachment See Table 2 for Attachment Types
Attachment Length	Omit for Attachment Type N Length in One Inch Increments
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø F Max In.	mm.
08	.776	19.7
10	.906	23.0
12	1.078	27.4
14	1.141	29.0
16	1.266	32.2
18	1.375	34.9
20	1.510	38.4
22	1.625	41.3
24	1.760	44.7

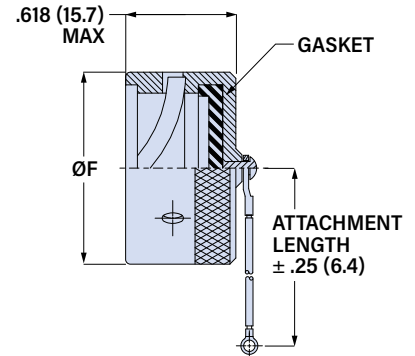




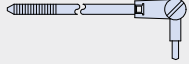


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for MIL-DTL-83723 Series III Connectors

660-022 Receptacle Cover, Threaded Coupling

M83723/III Recept Cover, Threaded











660-022 protective cover fits MIL-DTL-83723 Series III receptacle connectors with threaded coupling. Aluminum or stainless steel, with stainless steel fittings. Silicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

	660-022	NF	16	F	3	-06
Base P/N	660-022					
Material/Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24 28					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

Shell Size	E Thread	Ø F Max In.	mm.
08	.5625-24 UNEF-2B	.776	19.7
10	.6875-24 UNEF-2B	.906	23.0
12	.8750-20 UNEF-2B	1.078	27.4
14	.9375-20 UNEF-2B	1.141	29.0
16	1.0625-18 UNEF-2B	1.266	32.2
18	1.1875-18 UNEF-2B	1.375	34.9
20	1.3125-18 UNEF-2B	1.510	38.4
22	1.4375-18 UNEF-2B	1.625	41.3
24	1.5625-18 UNEF-2B	1.760	44.7
28	1.8125-16 UN-2B	2.010	51.1

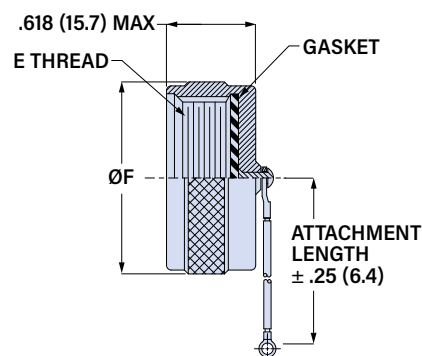




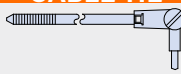


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		-WS					
							
		Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Series 66 Protective Covers

for MIL-DTL-83723 Series III Connectors

661-005 Receptacle Cover, Bayonet, Spring-Loaded EMI

M83723/III EMI Receptacle Cover



661-005 protective cover fits MIL-DTL-83723 Series III bayonet receptacles. EMI protected with silicone/Monel wire mesh conductive gasket. Aluminum cover. Hardware, rivets, wave spring and screws are passivated stainless steel. Conductive EMI gasket is silicone with embedded Monel wire mesh and is rated for -65 to +200 °C.

PART NUMBER

	661-005	ZR	14	F	4	-01
Base P/N	661-005					
Finish	See Table 1					
Shell Size	08 10 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 FINISH

- M** Electroless Nickel
- NF** Olive Drab Cadmium
- MT** Nickel-PTFE
- ZR** Black Zinc-Nickel
- TZ** Tin-Zinc

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø H Max In.	ø H Max mm.
08	.776	19.7
10	.906	23.0
12	1.078	27.4
14	1.141	29.0
16	1.266	32.2
18	1.375	34.9
20	1.510	38.4
22	1.625	41.3
24	1.760	44.7

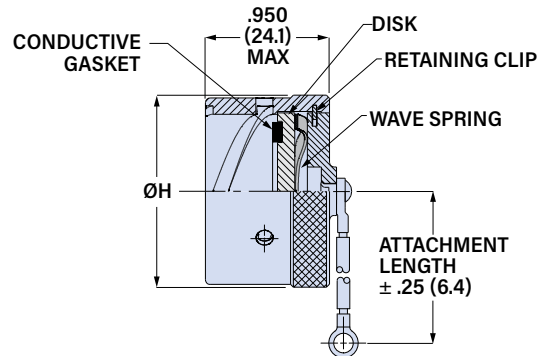




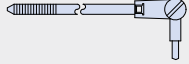


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for Series 800 Mighty Mouse Connectors

667-184 Plug Cover

MM800 Plug Cover











667-184 protective cover fits Glenair Series 800 plug connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	667-184	667-184	-M	-H	9	01	-5
Material/Finish	See Table 1						
Attachment Type	-N No Attachment See Table 2 for Attachment Types						
Shell Size	5 6 7 8 9 10 11 12						
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes						
Attachment Length	Omit for Attachment Type N Length in One Inch Increments						
Alternate Polarization	Omit for Normal Polarization N X Y Z						

Shell Size	A Thread	ø C Max In.	ø C Max mm.
5	.3125-28 UN-2A	.462	11.7
6	.3750-28 UN-2A	.525	13.3
7	.4375-28 UNEF-2A	.588	14.3
8	.5000-32 UN-2A	.650	16.5
9	.5625-32 UN-2A	.713	18.1
10	.6250-32 UN-2A	.838	21.3
11	.6875-28 UN-2A	.838	21.3
12	.7500-28 UN-2A	.900	22.9

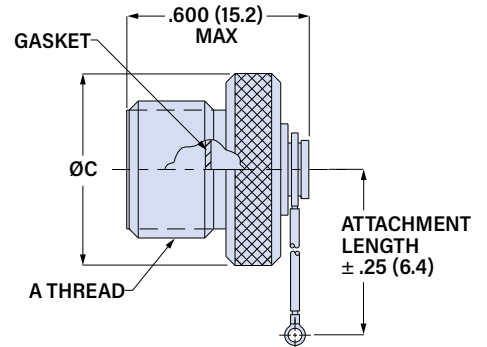


TABLE 3 ATTACHMENT RING

EYELET			SOLID RING			SPLIT RING			
Code	In.	mm.	Code	In.	mm.	Code	In.	mm.	
01	.125 (3.2)		32	.265 (6.7)		31	.820 (20.8)	50	.432 (11.0)
02	.145 (3.7)		29	.315 (8.0)		19	.885 (22.5)	52	.492 (12.5)
04	.182 (4.6)		14	.385 (9.8)		26	.950 (24.1)	54	.648 (16.5)
06	.197 (5.0)		15	.445 (11.3)		28	1.015 (25.8)	56	.757 (19.2)
			33	.510 (13.0)		20	1.070 (27.2)	58	.898 (22.8)
			16	.570 (14.5)		21	1.135 (28.8)	60	1.023 (26.0)
			17	.635 (16.1)		22	1.210 (30.7)	64	1.137 (28.9)
			18	.695 (17.7)		23	1.275 (32.4)	68	1.357 (34.5)
			27	.766 (19.5)		30	1.380 (35.1)		
						25	1.530 (41.4)		

Series 66 Protective Covers

for Series 800 Mighty Mouse Connectors

667-185 Receptacle Cover

MM800 Receptacle Cover



667-185 protective cover fits Glenair Series 800 receptacle connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

	667-185	-ZR	-G	11	04	-5
Base P/N	667-185					
Material/Finish	See Table 1					
Attachment Type	-N No Attachment See Table 2 for Attachment Types					
Shell Size	5 6 7 8 9 10 11 12					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

Shell Size	A Thread	ø C Max In.	mm.
5	.3125-28 UN-2B	.462	11.7
6	.3750-28 UN-2B	.525	13.3
7	.4375-28 UNEF-2B	.588	14.3
8	.5000-32 UN-2B	.650	16.5
9	.5625-32 UN-2B	.713	18.1
10	.6250-32 UN-2B	.838	21.3
11	.6875-28 UN-2B	.838	21.3
12	.7500-28 UN-2B	.900	22.9

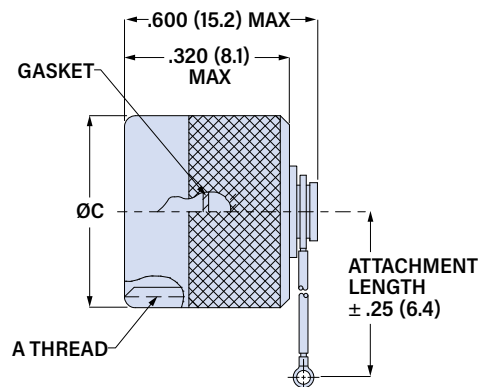


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING			SPLIT RING		
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
01	.125 (3.2)	32	.265 (6.7)	31	.820 (20.8)	50	.432 (11.0)
02	.145 (3.7)	29	.315 (8.0)	19	.885 (22.5)	52	.492 (12.5)
04	.182 (4.6)	14	.385 (9.8)	26	.950 (24.1)	54	.648 (16.5)
06	.197 (5.0)	15	.445 (11.3)	28	1.015 (25.8)	56	.757 (19.2)
		33	.510 (13.0)	20	1.070 (27.2)	58	.898 (22.8)
		16	.570 (14.5)	21	1.135 (28.8)	60	1.023 (26.0)
		17	.635 (16.1)	22	1.210 (30.7)	64	1.137 (28.9)
		18	.695 (17.7)	23	1.275 (32.4)	68	1.357 (34.5)
		27	.766 (19.5)	30	1.380 (35.1)		
				25	1.530 (41.4)		

Series 66 Protective Covers

for Series 801 Mighty Mouse Connectors

667-217 Plug Cover

MM801 Plug Cover



667-217 protective cover fits Glenair Series 801 plug connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

	667-217	-M	-H	17	17	-5
Base P/N	667-217					
Material/Finish	See Table 1					
Attachment Type	-N No Attachment See Table 2 for Attachment Types					
Shell Size	5 6 7 8 9 10 11 13 16 17 19 21					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

Shell Size	A Thread	ø C Max In.	ø C Max mm.
5	.3125-.05P-1L-2A	.465	11.8
6	.375-.05P-1L-2A	.525	13.3
7	.4375-.05P-1L-2A	.590	14.9
8	.5000-.05P-1L-2A	.653	16.6
9	.5625-.05P-1L-2A	.715	18.0
10	.6250-.05P-1L-2A	.778	19.7
11	.6875-.05P-1L-2A	.840	21.3
13	.8125-1P-2L-2A	.965	24.4
16	1.000-1P-2L-2A	1.150	29.2
17	1.062-1P-2L-2A	1.215	30.8
19	1.1875-1P-2L-2A	1.340	34.0
21	1.3125-1P-2L-2A	1.477	37.5

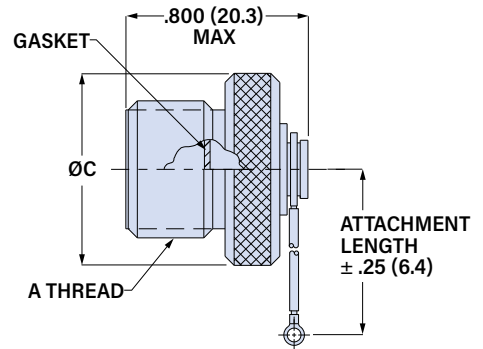


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING		CABLE TIE	
Code	Eyelet I.D.	Code	Ring I.D.	Code	Ring I.D.	Code	WS
01	.125 (3.2)	32	.265 (6.7)	19	.885 (22.5)	50	.432 (11.0)
02	.145 (3.7)	29	.315 (8.0)	26	.950 (24.1)	52	.492 (12.5)
04	.182 (4.6)	14	.385 (9.8)	28	1.015 (25.8)	54	.648 (16.5)
06	.197 (5.0)	15	.445 (11.3)	20	1.070 (27.2)	56	.757 (19.2)
		33	.510 (13.0)	21	1.135 (28.8)	58	.898 (22.8)
		16	.570 (14.5)	22	1.210 (30.7)	60	1.023 (26.0)
		17	.635 (16.1)	23	1.275 (32.4)	64	1.137 (28.9)
		18	.695 (17.7)	24	1.380 (35.1)	68	1.357 (34.5)
		27	.766 (19.5)	30	1.380 (35.1)		
		31	.820 (20.8)	25	1.530 (38.9)		

Series 66 Protective Covers

for Series 801 Mighty Mouse Connectors

667-218 Receptacle Cover

MM801 Receptacle Cover



TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link.280 (71)
SK	Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

667-218 protective cover fits Glenair Series 801 and Series 811 receptacle connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.

PART NUMBER

	667-218	-ZR	-S	13	04	-5
Base P/N	667-218					
Material/Finish	See Table 1					
Attachment Type	-N No Attachment See Table 2 for Attachment Types					
Shell Size	5 6 7 8 9 10 11 13 16 17 19 21					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

Shell Size	A Thread	ø C Max	ø D	
			In.	mm.
5	.3125-.05P-.1L-2B	.488	12.4	.368 9.3
6	.375-.05P-.1L-2B	.555	14.1	.453 11.5
7	.4375-.05P-.1L-2B	.615	15.6	.538 13.7
8	.5000-.05P-.1L-2B	.675	17.1	.587 14.9
9	.5625-.05P-.1L-2B	.840	21.3	.648 16.5
10	.6250-.05P-.1L-2B	.905	23.0	.712 18.1
11	.6875-.05P-.1L-2B	.948	24.1	.778 19.8
13	.8125-.1P-.2L-2B	.995	25.3	.904 22.9
16	1.000-.1P-.2L-2B	1.261	32.0	1.092 27.7
17	1.062-.1P-.2L-2B	1.321	33.6	1.158 29.4
19	1.1875-.1P-.2L-2B	1.447	36.8	1.283 32.6
21	1.3125-.1P-.2L-2B	1.570	39.9	1.412 35.8

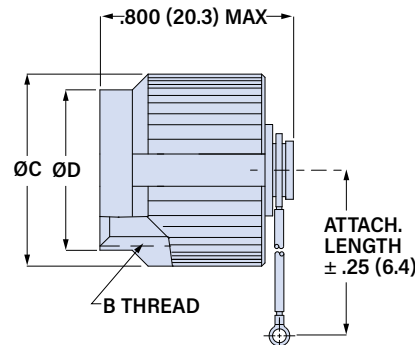


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING		CABLE TIE	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
01	.125 (3.2)	32	.265 (6.7)	19	.885 (22.5)	50	.432 (11.0)
02	.145 (3.7)	29	.315 (8.0)	26	.950 (24.1)	52	.492 (12.5)
04	.182 (4.6)	14	.385 (9.8)	28	1.015 (25.8)	54	.648 (16.5)
06	.197 (5.0)	15	.445 (11.3)	20	1.070 (27.2)	56	.757 (19.2)
		33	.510 (13.0)	21	1.135 (28.8)	58	.898 (22.8)
		16	.570 (14.5)	22	1.210 (30.7)	60	1.023 (26.0)
		17	.635 (16.1)	23	1.275 (32.4)	64	1.137 (28.9)
		18	.695 (17.7)	24	1.380 (35.1)	68	1.357 (34.5)
		27	.766 (19.5)	30	1.380 (35.1)		
		31	.820 (20.8)	25	1.530 (38.9)		
							Code WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.

Series 66 Protective Covers

for Series 801 Mighty Mouse Connectors

667-497 ProSeal™ Flip Lid Receptacle Cover

MM801 Receptacle Cover

ProSeal™ Flip Lid



MATERIALS AND FINISHES

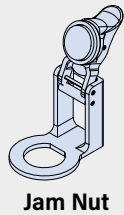
Lid, lever arm, gimbal: thermoplastic, black
 Bracket: aluminum, plated per finish code
 Spring, pin, rivet: SST/passivate
 Sleeve: Delrin
 Gasket: silicone
 Conductive gasket: silver-filled silicone

Spring-loaded, waterproof. ProSeal™ cover fits Glenair Series 801 Mighty Mouse receptacle connectors. Cover mounts onto standard connector jam nut or square flange mounting holes. Snap lid onto connector face for dust-tight and water-tight seal (IP67). -40 to +120 °C.

PART NUMBER

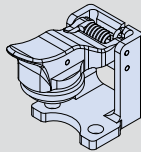
	667-497	C	21	T1	W	-59
Base P/N	667-497	Flip Lid				
Bracket Finish	C	Black Anodize				
	M	Electroless Nickel				
	MT	Nickel-PTFE				
	NF	Cadmium, Olive Drab				
	ZR	Black Zinc-Nickel				
	TZ	Tin-Zinc				
Shell Size	5 6 7 8 9 10 11 13 16 17 19 21					
Panel Thickness	T0	Front Mount	<i>Mounting Type W only</i>			
	T1	Rear Panel Mount, .031-.047 (0.8-1.2)	Panel			
Mounting Type	J	Jam Nut <i>fig. 1</i>				
	W	Square Flange <i>fig. 2</i>				
Modification Code	<i>Omit for standard silicone gasket.</i>					
	-59	Silver-Filled Silicone EMI Gasket				

Fig. 1
Mounting Type J



Jam Nut

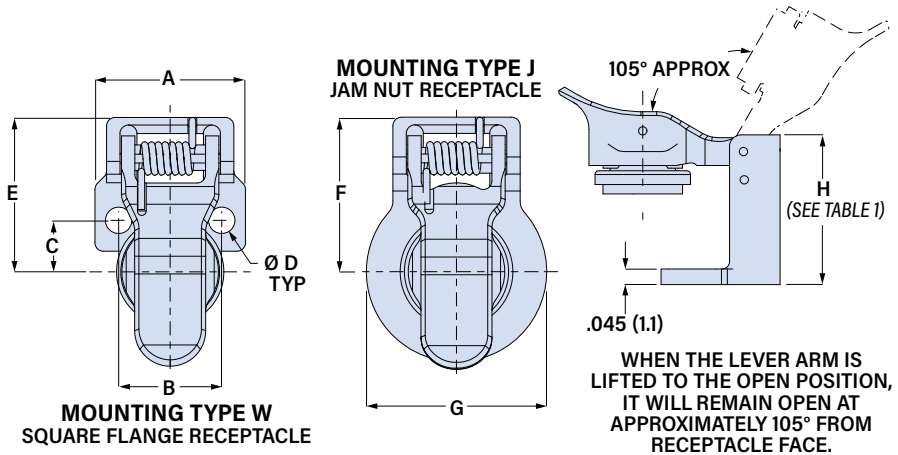
Fig. 2
Mounting Type W



Square Flange

TABLE 1 H DIMENSION

Panel Thickness Code	Shell Size	H Max			
		Type J Jam Nut		Type W Square Flange	
		In.	mm.	In.	mm.
T0 Front Mount	5-8	N/A	N/A	.593	15.1
	9-21	N/A	N/A	.692	17.6
T1 .047 (1.2)	5-8	.808	20.5	.546	13.9
	9-21	.908	23.1	.645	16.4



Shell Size	A		B		C		D		E		F		G	
	±.015 (0.4) In.	mm.	±.015 (0.4) In.	mm.	±.015 (0.4) In.	mm.	±.002 (0.1) In.	mm.	±.031 (0.8) In.	mm.	±.031 (0.8) In.	mm.	±.031 (0.8) In.	mm.
5	.530	13.5	.363	9.2	.181	4.6	.094	2.4	.544	13.8	.544	13.8	.635	16.1
6	.590	15.0	.423	10.7	.212	5.4	.094	2.4	.580	14.7	.580	14.7	.697	17.7
7	.650	16.5	.483	12.3	.242	6.1	.094	2.4	.614	15.6	.614	15.6	.822	20.9
8	.712	18.1	.545	13.8	.273	6.9	.094	2.4	.651	16.5	.651	16.5	.851	21.6
9	.851	21.6	.607	15.4	.304	7.7	.128	3.3	.724	18.4	.724	18.4	.945	24.0
10	.890	22.6	.670	17.0	.335	8.5	.128	3.3	.758	19.3	.758	19.3	.945	24.0
11	.935	23.7	.715	18.2	.358	9.1	.128	3.3	.781	19.8	.781	19.8	1.103	28.0
13	1.030	26.2	.812	20.6	.406	10.3	.128	3.3	.850	21.6	.814	20.7	1.193	30.3
16	1.219	31.0	.981	24.9	.491	12.5	.128	3.3	1.004	25.5	.998	25.3	1.375	34.9
17	1.280	32.5	1.060	26.9	.530	13.5	.128	3.3	1.083	27.5	1.083	27.5	1.560	39.6
19	1.432	36.4	1.191	30.3	.596	15.1	.128	3.3	1.119	28.4	1.119	28.4	1.625	41.3
21	1.565	39.8	1.322	33.6	.661	16.8	.128	3.3	1.335	33.9	1.335	33.9	1.761	44.7

Series 66 Protective Covers

for Series 801 Mighty Mouse Connectors

667-509 ProSeal™ Flip-and-Spin Lid Receptacle Cover

MM801 Receptacle Cover
ProSeal™ Flip-and-Spin Lid



MATERIALS AND FINISHES

Lid, lever arm, gimbal: thermoplastic, black
Bracket: aluminum, plated per finish code
Spring, pin, rivit: SST/passivate
Sleeve: Delrin
Gasket: silicone
Conductive gasket: silver-filled silicone

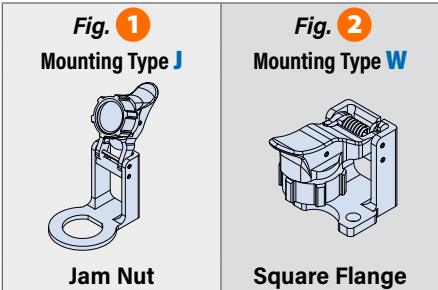


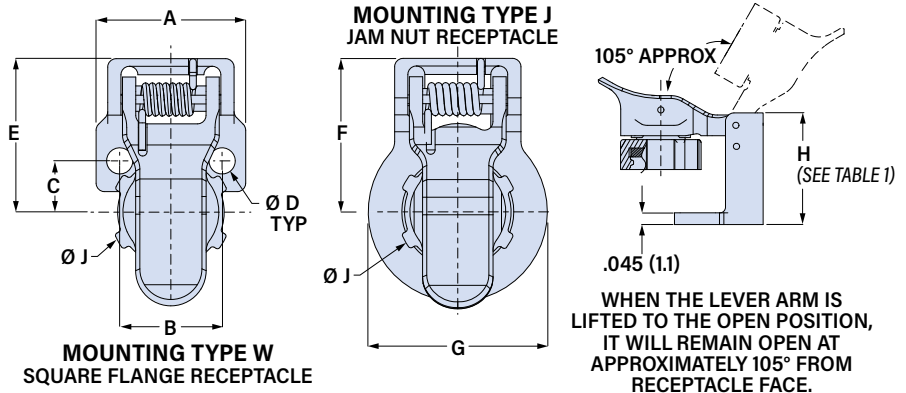
TABLE 1 H DIMENSION

Panel Thickness Code	Shell Size	H Max			
		Type J Jam Nut		Type W Square Flange	
		In.	mm.	In.	mm.
T0 Front Mount	5-8	N/A	N/A	.593	15.1
	9-21	N/A	N/A	.692	17.6
T1 .047 (1.2)	5-8	.808	20.5	.546	13.9
	9-21	.908	23.1	.645	16.4

Spring-loaded, waterproof. ProSeal™ cover fits Glenair Series 801 Mighty Mouse receptacle connectors. Cover mounts onto standard connector jam nut or square flange mounting holes. "Flip-and-spin" cover has threaded lid for best ingress protection (IP6X dust, IPX6 powerful water jets, IPX8 immersion). Snap the lid onto connector face, then hand-tighten ¼ turn. -40 to +120 °C.

PART NUMBER

Base P/N	667-509 Flip-and-Spin Lid	667-509	C	21	T1	W
Bracket Finish	C Black Anodize M Electroless Nickel MT Nickel-PTFE NF Cadmium, Olive Drab ZR Black Zinc-Nickel TZ Tin-Zinc					
Shell Size	5 6 7 8 9 10 11 13 16 17 19 21					
Panel Thickness	T0 Front Mount <i>Mounting Type W only</i> T1 Rear Panel Mount, .031- .047 (0.8-1.2) Panel					
Mounting Type	J Jam Nut <i>fig. 1</i> W Square Flange <i>fig. 2</i>					



Shell Size	A		B		C		D		E		F		G		J Max	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
5	.530	13.5	.363	9.2	.181	4.6	.094	2.4	.544	13.8	.544	13.8	.635	16.1	.459	11.7
6	.590	15.0	.423	10.7	.212	5.4	.094	2.4	.580	14.7	.580	14.7	.697	17.7	.522	13.3
7	.650	16.5	.483	12.3	.242	6.1	.094	2.4	.614	15.6	.614	15.6	.822	20.9	.584	14.8
8	.712	18.1	.545	13.8	.273	6.9	.094	2.4	.651	16.5	.651	16.5	.851	21.6	.651	16.5
9	.851	21.6	.607	15.4	.304	7.7	.128	3.3	.724	18.4	.724	18.4	.945	24.0	.710	18.0
10	.890	22.6	.670	17.0	.335	8.5	.128	3.3	.758	19.3	.758	19.3	.945	24.0	.776	19.7
11	.935	23.7	.715	18.2	.358	9.1	.128	3.3	.781	19.8	.781	19.8	1.103	28.0	.842	21.4
13	1.030	26.2	.812	20.6	.406	10.3	.128	3.3	.850	24.2	.814	20.7	1.193	30.3	.968	24.6
16	1.219	31.0	.981	24.9	.491	12.5	.128	3.3	1.012	25.7	.998	25.3	1.375	34.9	1.004	25.5
17	1.280	32.5	1.060	26.9	.530	13.5	.128	3.3	1.043	26.5	1.083	27.5	1.560	39.6	1.083	27.5
19	1.432	36.4	1.191	30.3	.596	15.1	.128	3.3	1.043	26.5	1.119	28.4	1.625	41.3	1.119	28.4
21	1.565	39.8	1.322	33.6	.661	16.8	.128	3.3	1.151	29.2	1.335	33.9	1.761	44.7	1.335	33.9

Series 66 Protective Covers

for Series 802 AquaMouse Connectors

667-241 Plug Cover

MM802 Plug Cover




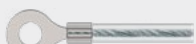






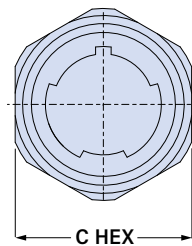
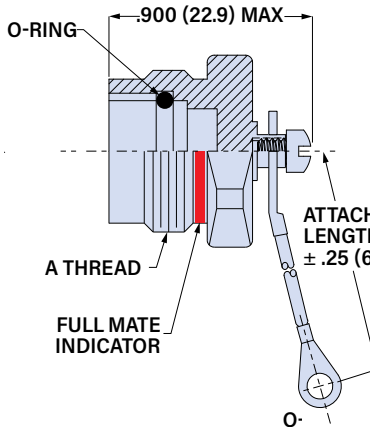
316 stainless steel. 3500 PSI pressure rating. Universal polarizing. 667-241 protective cover fits Glenair Series 802 AquaMouse plug connectors. 316 stainless steel, passivated, with stainless steel fittings. Viton O-ring.

PART NUMBER

	667-241	-G	10	01	-5
Base P/N	667-241				
Attachment Type	-N No Attachment <i>See Table 1 for Attachment Types</i>				
Shell Size	5 6 7 8 9 10 12 14 15 21				
Attachment Ring	<i>Omit for Attachment Types N and SK</i> <i>See Table 2 for Attachment Ring Codes</i>				
Attachment Length	<i>Omit for Attachment Type N</i> <i>Length in One Inch Increments</i>				

TABLE 1 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C



Shell Size	A Thread Class 2A	C Hex In.	C Hex mm.
5	.4375-28 UNEF	.500	12.7
6	.5625-20 UN	.625	15.9
7	.6250-20 UN	.688	17.5
8	.6875-20 UN	.750	19.1
9	.7500-20 UNEF	.812	20.6
10	.8125-20 UNEF	.875	22.2
12	.8750-20 UNEF	.938	23.8
14	1.0625-20 UN	1.125	28.6
15	1.1250-20 UN	1.188	30.2
21	1.4375-20 UN	1.562	39.7

TABLE 2 ATTACHMENT RING

EYELET		
Code	Eyelet I.D. ± .010 (0.3)	
	In.	mm.
01	.125	3.2
02	.145	3.7
04	.182	4.6
06	.197	5.0
SOLID RING		
Code	Ring I.D. ± .015 (0.4)	
	In.	mm.
32	.265	6.7
29	.315	8.0
14	.385	9.8
15	.445	11.3
33	.510	13.0
16	.570	14.5
17	.635	16.1
18	.695	17.7
27	.766	19.5
31	.820	20.8
19	.885	22.5
26	.950	24.1
28	1.015	25.8
20	1.070	27.2
21	1.135	28.8
22	1.210	30.7
23	1.275	32.4
30	1.380	35.1
24	1.530	41.4

Series 66 Protective Covers

for Series 802 AquaMouse Connectors

667-242 Receptacle Cover

MM802 Receptacle Cover




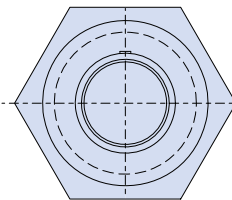
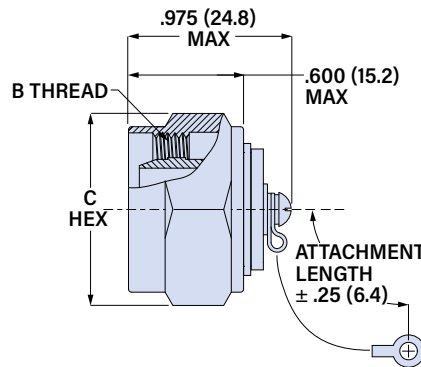
316 stainless steel. 3500 PSI pressure rating. 667-242 protective cover fits Glenair Series 802 AquaMouse receptacle connectors. Cover consists of shell and coupling nut. Coupling nut is nickel aluminum bronze, shell is 316 stainless steel, passivated.

PART NUMBER

	667-242	-U	14	01	-5
Base P/N	667-242				
Attachment Type	-N No Attachment <i>See Table 1 for Attachment Types</i>				
Shell Size	5 6 7 8 9 10 12 14 15 21				
Attachment Ring	<i>Omit for Attachment Types N and SK</i> <i>See Table 2 for Attachment Ring Codes</i>				
Attachment Length	<i>Omit for Attachment Type N</i> <i>Length in One Inch Increments</i>				

TABLE 1 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C



Shell Size	A Thread Class 2B	C Hex In.	C Hex mm.
5	.4375-28 UNEF	.500	12.7
6	.5625-20 UN	.625	15.9
7	.6250-20 UN	.688	17.5
8	.6875-20 UN	.750	19.1
9	.7500-20 UNEF	.812	20.6
10	.8125-20 UNEF	.875	22.2
12	.8750-20 UNEF	.938	23.8
14	1.0625-20 UN	1.125	28.6
15	1.1250-20 UN	1.188	30.2
21	1.4375-20 UN	1.562	39.7

TABLE 2 ATTACHMENT RING

EYELET		
Code	Eyelet I.D. ± .010 (0.3)	
	In.	mm.
01	.125	3.2
02	.145	3.7
04	.182	4.6
06	.197	5.0
SOLID RING		
Code	Ring I.D. ± .015 (0.4)	
	In.	mm.
32	.265	6.7
29	.315	8.0
14	.385	9.8
15	.445	11.3
33	.510	13.0
16	.570	14.5
17	.635	16.1
18	.695	17.7
27	.766	19.5
31	.820	20.8
19	.885	22.5
26	.950	24.1
28	1.015	25.8
20	1.070	27.2
21	1.135	28.8
22	1.210	30.7
23	1.275	32.4
30	1.380	35.1
24	1.530	41.4

Series 66 Protective Covers

for Series 803 Mighty Mouse Connectors

660-082 Plug Cover

MM803 Plug Cover



660-083 protective cover fits Glenair Series 803 bayonet plug connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

	660-082	-M	-S	12	04	-5
Base P/N	660-082					
Material/Finish	See Table 1					
Attachment Type	-N No Attachment See Table 2 for Attachment Types					
Shell Size	5 6 7 8 9 10 12 14 15					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

Shell Size	ø B Max In.	mm.
5	.620	15.7
6	.620	15.7
7	.620	15.7
8	.690	17.5
9	.760	19.3
10	.850	21.6
12	.940	23.8
14	1.170	29.7
15	1.170	29.7

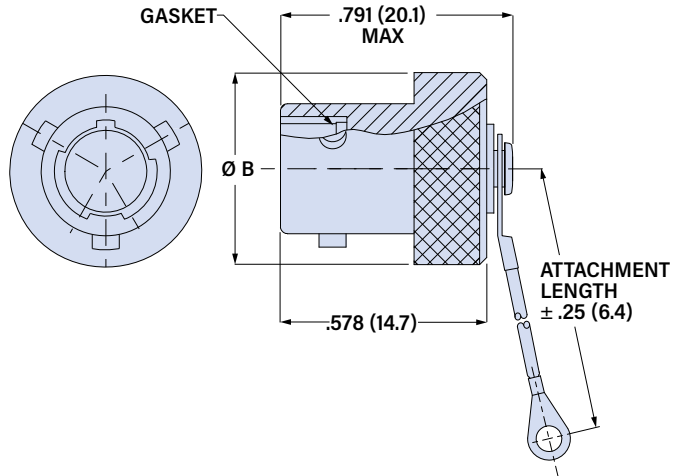


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING	CABLE TIE
Code	Code	Code	Code	Code WS	
01 .125 (3.2)	32 .265 (6.7)	19 .885 (22.5)	50 .432 (11.0)	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.	
02 .145 (3.7)	29 .315 (8.0)	26 .950 (24.1)	52 .492 (12.5)		
04 .182 (4.6)	14 .385 (9.8)	28 1.015 (25.8)	54 .648 (16.5)		
06 .197 (5.0)	15 .445 (11.3)	20 1.070 (27.2)	56 .757 (19.2)		
	33 .510 (13.0)	21 1.135 (28.8)	58 .898 (22.8)		
	16 .570 (14.5)	22 1.210 (30.7)	60 1.023 (26.0)		
	17 .635 (16.1)	23 1.275 (32.4)	64 1.137 (28.9)		
	18 .695 (17.7)	24 1.380 (35.1)	68 1.357 (34.5)		
	27 .766 (19.5)	30 1.380 (35.1)			
	31 .820 (20.8)	25 1.530 (38.9)			

Series 66 Protective Covers

for Series 803 Mighty Mouse Connectors

660-083 Receptacle Cover

MM803 Receptacle Cover



660-083 protective cover fits Glenair Series 803 bayonet receptacle connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	660-083	-C	-U	9	06	-4
Material/Finish	See Table 1					
Attachment Type	-N No Attachment See Table 2 for Attachment Types					
Shell Size	5 6 7 8 9 10 12 14 15					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

Shell Size	ø B Max In.	ø B Max mm.
5	.620	15.7
6	.620	15.7
7	.620	15.7
8	.690	17.5
9	.760	19.3
10	.850	21.6
12	.940	23.8
14	1.170	29.7
15	1.170	29.7

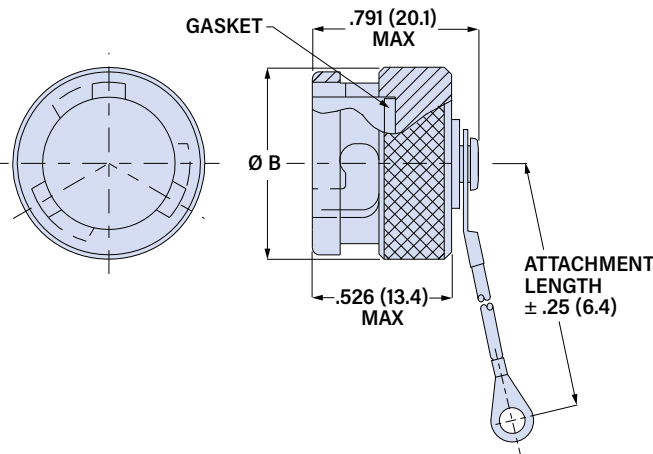


TABLE 3 ATTACHMENT RING

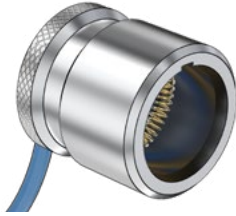
EYELET		SOLID RING		SPLIT RING		CABLE TIE
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code WS
01	.125 (3.2)	32	.265 (6.7)	19	.885 (22.5)	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.
02	.145 (3.7)	29	.315 (8.0)	26	.950 (24.1)	
04	.182 (4.6)	14	.385 (9.8)	28	1.015 (25.8)	
06	.197 (5.0)	15	.445 (11.3)	20	1.070 (27.2)	
		33	.510 (13.0)	21	1.135 (28.8)	
		16	.570 (14.5)	22	1.210 (30.7)	
		17	.635 (16.1)	23	1.275 (32.4)	
		18	.695 (17.7)	24	1.380 (35.1)	
		27	.766 (19.5)	30	1.380 (35.1)	
		31	.820 (20.8)	25	1.530 (38.9)	
				50	.432 (11.0)	
				52	.492 (12.5)	
				54	.648 (16.5)	
				56	.757 (19.2)	
				58	.898 (22.8)	
				60	1.023 (26.0)	
				64	1.137 (28.9)	
				68	1.357 (34.5)	

Series 66 Protective Covers

for Series 804 Mighty Mouse Connectors

809-198 Plug Cover

MM804 Plug Cover











809-198 protective cover fits Glenair Series 804 push/pull plug connectors. Aluminum or stainless steel, with stainless steel fittings. Gold plated stainless steel spring, fluorosilicone O-ring.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	809-198	ZR	12	U	6	-04	R
Material/Finish	See Table 1						
Shell Size	5 6 7 8 9 10 12 14 15						
Attachment Type	-N No Attachment See Table 2 for Attachment Types						
Attachment Length	Omit for Attachment Type N Length in One Inch Increments						
Attachment Ring	Omit for Attachment Types N and SK See Table 3 for Attachment Ring Codes						
Keyway Position	Omit for Single Master Keyway A B C D E F						

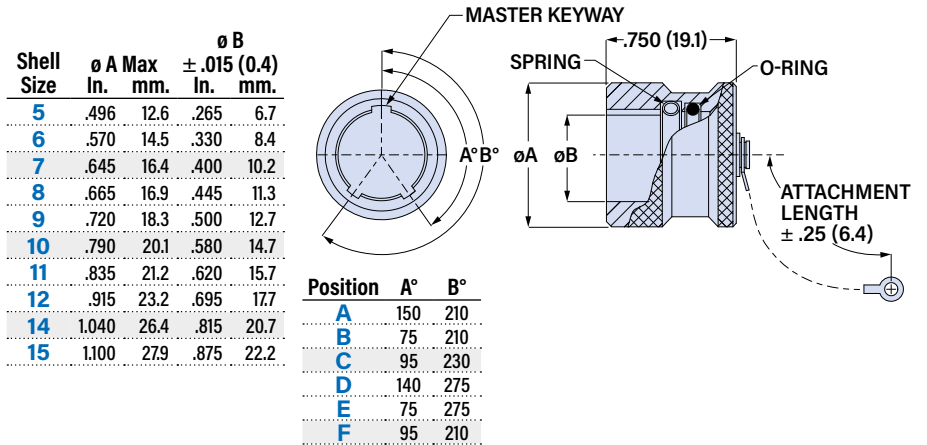



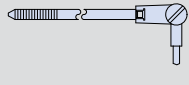


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING	CABLE TIE
					
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
01	.125 (3.2)	32	.265 (6.7)	19	.885 (22.5)
02	.145 (3.7)	29	.315 (8.0)	26	.950 (24.1)
04	.182 (4.6)	14	.385 (9.8)	28	1.015 (25.8)
06	.197 (5.0)	15	.445 (11.3)	20	1.070 (27.2)
		33	.510 (13.0)	21	1.135 (28.8)
		16	.570 (14.5)	22	1.210 (30.7)
		17	.635 (16.1)	23	1.275 (32.4)
		18	.695 (17.7)	24	1.380 (35.1)
		27	.766 (19.5)	30	1.380 (35.1)
		31	.820 (20.8)	25	1.530 (38.9)
				50	.432 (11.0)
				52	.492 (12.5)
				54	.648 (16.5)
				56	.757 (19.2)
				58	.898 (22.8)
				60	1.023 (26.0)
				64	1.137 (28.9)
				68	1.357 (34.5)
					Code WS
					Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.

Series 66 Protective Covers

for Series 804 Mighty Mouse Connectors

667-202 Receptacle Cover





MM804 Receptacle Cover



TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

667-202 protective cover fits Glenair Series 804 push/pull receptacle connectors. Aluminum or stainless steel, with stainless steel fittings. Optional stainless steel pull ring simplifies removal.

PART NUMBER

	667-202	ZR	12	U	6	-04	R
Base P/N	667-202						
Material/Finish	See Table 1						
Shell Size	5 6 7 8 9 10 12 14 15						
Attachment Type	-N No Attachment See Table 2 for Attachment Types						
Attachment Length	Omit for Attachment Type N Length in One Inch Increments						
Attachment Ring	Omit for Attachment Types N and SK See Table 3 for Attachment Ring Codes						
Pull Ring	Omit for None -R Pull Ring Supplied						

Shell Size	ø A Max In.	ø A Max mm.	ø B Max In.	ø B Max mm.	H Max In.	H Max mm.
5	.490	12.4	.234	5.9	.740	18.8
6	.490	12.4	.297	7.5	.740	18.8
7	.570	14.5	.367	9.3	.820	20.8
8	.614	15.6	.414	10.5	.870	22.1
9	.680	17.3	.467	11.9	.920	23.4
10	.773	19.6	.548	13.9	1.030	26.2
11	.805	20.4	.600	15.2	1.060	26.9
12	.860	21.8	.658	16.7	1.110	28.2
14	.980	24.9	.781	19.8	1.230	31.2
15	1.045	26.5	.843	21.4	1.300	33.0

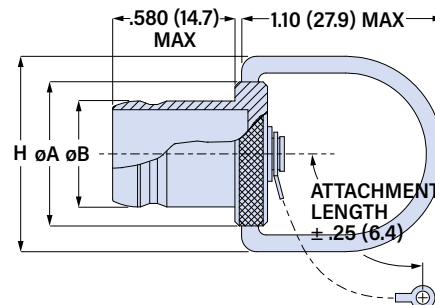



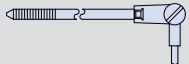


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING		CABLE TIE		
								
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	WS	
01	.125 (3.2)	32	.265 (6.7)	19	.885 (22.5)	50	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.	
02	.145 (3.7)	29	.315 (8.0)	26	.950 (24.1)	52		432 (11.0)
04	.182 (4.6)	14	.385 (9.8)	28	1.015 (25.8)	54		492 (12.5)
06	.197 (5.0)	15	.445 (11.3)	20	1.070 (27.2)	56		.648 (16.5)
		33	.510 (13.0)	21	1.135 (28.8)	58		.757 (19.2)
		16	.570 (14.5)	22	1.210 (30.7)	60		.898 (22.8)
		17	.635 (16.1)	23	1.275 (32.4)	64		1.023 (26.0)
		18	.695 (17.7)	24	1.380 (35.1)	68		1.137 (28.9)
		27	.766 (19.5)	30	1.380 (35.1)			
		31	.820 (20.8)	25	1.530 (38.9)			

Series 66 Protective Covers

for Series 804 Mighty Mouse Connectors

667-387 ProSeal™ Flip Lid Receptacle Cover

MM804 Receptacle Cover

ProSeal™ Flip Lid



Spring-loaded, waterproof. 667-387 ProSeal™ cover fits Glenair Series 804 Mighty Mouse jam nut receptacle connectors. Spring-loaded lid snaps onto connector face for dust-tight and water-tight seal (IP67). Gimballed disk and gasket assembly pivot to seat flat against connector face. Use connector jam nut to attach cover to .033" to .155" thick mounting panel. Lid stays open when raised to approximately 90°. Aluminum, with stainless steel spring and roll pins, Delrin sleeve and silicone gasket.

PART NUMBER

		667-387	C	09	-1
Base P/N	667-387				
Finish	C	Black Anodize			
	M	Electroless Nickel			
	MT	Nickel-PTFE			
	NF	Cadmium, Olive Drab			
	ZR	Black Zinc-Nickel			
	TZ	Tin-Zinc			
Shell Size	05 06 07 08 09 10 12 14 15				
Panel Thickness	-1	.063 ± .030 (1.6 ± 0.76)			
	-2	.125 ± .030 (3.2 ± 0.76)			

Compatibility

667-387 cover fits these rear panel mounting jam nut receptacles:

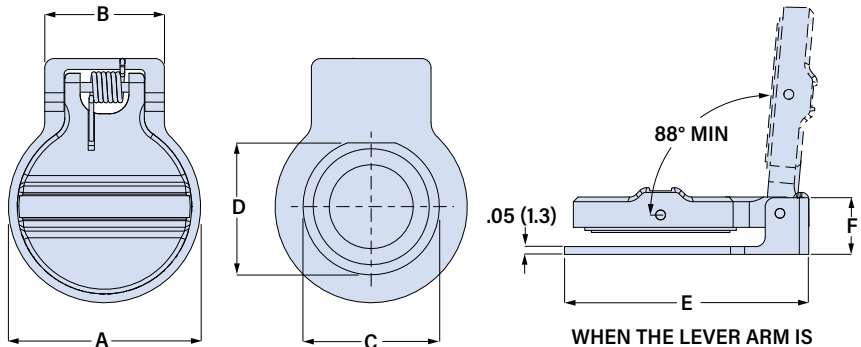
- 804-003-07
- 804-004-07
- 804-005-07
- 804-006-07
- 804-020-07
- 804-067-07

MATERIALS AND FINISHES

Lid, lever arm, bracket, disk: aluminum, plated per finish code
 Spring, roll pins: SST/passivate
 Sleeve: Delrin
 Gasket: sponge silicone

SPECIFICATIONS

Operating temperature: -40 to +120 °C
 Water Ingress: IPX7 IEC 60529 14.2.7
 Dust Ingress: IP6X IEC 60529 13.4, 13.5
 Water spray: IPX4 IEC 60529 14.2.4



Shell Size	ø A		B		ø C		D Flat		E		F
	±.015 (0.4) ln.	mm.	±.015 (0.4) ln.	mm.	±.015 (0.4) ln.	mm.	±.002 (0.1) ln.	mm.	±.015 (0.4) ln.	mm.	
05	.690	17.5	.700	17.8	.448	11.4	.425	10.8	1.100	27.9	.063 Panel Thickness (Code 1)
06	.860	21.8	.700	17.8	.510	13.0	.477	12.1	1.200	30.5	
07	.870	22.1	.770	19.6	.635	16.1	.604	15.3	1.290	32.8	
08	.870	22.1	.770	19.6	.635	16.1	.604	15.3	1.290	32.8	
09	1.050	26.7	.770	19.6	.695	17.7	.665	16.9	1.350	34.3	
10	1.110	28.2	.770	19.6	.760	19.3	.732	18.6	1.420	36.1	.125 Panel Thickness (Code 2)
12	1.240	31.5	.770	19.6	.885	22.5	.853	21.7	1.570	39.9	
14	1.360	34.5	.890	22.6	1.010	25.7	.978	24.8	1.700	43.2	
15	1.420	36.1	.890	22.6	1.070	27.2	1.039	26.4	1.740	44.2	.36 (9.1)

Series 66 Protective Covers

for Series 805 Mighty Mouse Connectors

667-261 Plug Cover

MM805 Plug Cover



667-261 protective cover fits Glenair Series 805 plug connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

	667-261	-M	-S	13	02	-5
Base P/N	667-261					
Material/Finish	See Table 1					
Attachment Type	-N No Attachment See Table 2 for Attachment Types					
Shell Size	8 9 10 11 12 13 15 18 19 21 23					
Attachment Ring	Omit for Attachment Types N and SK 00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

Shell Size	A Thread	ø C	
		± .015 (0.4) In.	mm.
8	5000-1P-.3L-TS-2A	.653	16.6
9	5625-1P-.3L-TS-2A	.715	18.0
10	6250-1P-.3L-TS-2A	.668	17.0
11	6875-1P-.3L-TS-2A	.841	21.4
12	7500-1P-.3L-TS-2A	.903	22.9
13	8125-1P-.3L-TS-2A	.965	24.5
15	9375-1P-.3L-TS-2A	1.091	27.7
18	11250-1P-.3L-TS-2A	1.278	32.5
19	11875-1P-.3L-TS-2A	1.340	34.0
21	13125-1P-.3L-TS-2A	1.490	37.8
23	14375-1P-.3L-TS-2A	1.600	40.6

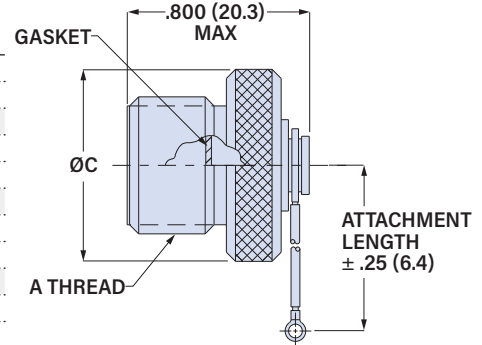


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING		CABLE TIE	
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	WS
01	.125 (3.2)	32	.265 (6.7)	19	.885 (22.5)	50	Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.
02	.145 (3.7)	29	.315 (8.0)	26	.950 (24.1)	52	
04	.182 (4.6)	14	.385 (9.8)	28	1.015 (25.8)	54	
06	.197 (5.0)	15	.445 (11.3)	20	1.070 (27.2)	56	
		33	.510 (13.0)	21	1.135 (28.8)	58	
		16	.570 (14.5)	22	1.210 (30.7)	60	
		17	.635 (16.1)	23	1.275 (32.4)	64	
		18	.695 (17.7)	24	.766 (19.46)	68	
		27	.766 (19.5)	30	1.380 (35.1)		
		31	.820 (20.8)	25	1.530 (38.9)		

Series 66 Protective Covers

for Series 805 Mighty Mouse Connectors

667-262 Receptacle Cover

MM805 Receptacle Cover



667-262 protective cover fits Glenair Series 805 plug connectors. Aluminum or stainless steel, with stainless steel fittings. Fluorosilicone gasket.









PART NUMBER

	667-262	-M	-S	13	02	-5
Base P/N	667-262					
Material/Finish	See Table 1					
Attachment Type	-N No Attachment See Table 2 for Attachment Types					
Shell Size	8 9 10 11 12 13 15 18 19 21 23					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
-C Black Anodize	-Z1 Passivate
-M Electroless Nickel	
-NF Olive Drab Cadmium	
-MT Nickel-PTFE	
-ZR Black Zinc-Nickel	
-TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link. .280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	B Thread	ø C	
		± .015 (0.4) In.	mm.
8	.5000-1P-.3L-TS-2B	.653	16.6
9	.5625-1P-.3L-TS-2B	.715	18.0
10	.6250-1P-.3L-TS-2B	.778	19.7
11	.6875-1P-.3L-TS-2B	.850	21.6
12	.7500-1P-.3L-TS-2B	.903	22.9
13	.8125-1P-.3L-TS-2B	.965	24.5
15	.9375-1P-.3L-TS-2B	1.091	27.7
18	1.1250-1P-.3L-TS-2B	1.278	32.5
19	1.1875-1P-.3L-TS-2B	1.340	34.0
21	1.3125-1P-.3L-TS-2B	1.490	37.8
23	1.4375-1P-.3L-TS-2B	1.600	40.6

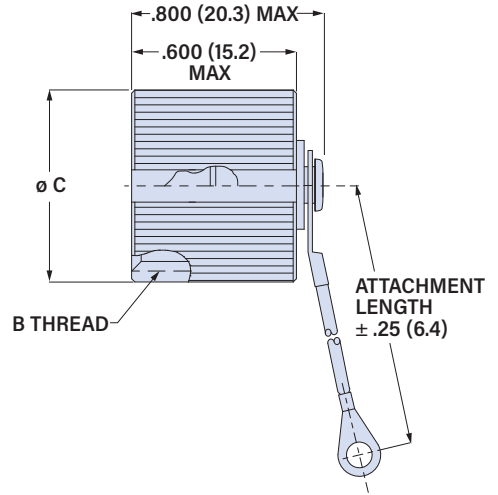
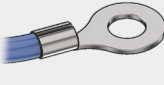


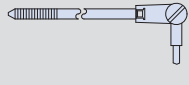


TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING	CABLE TIE
					
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
01	.125 (3.2)	32	.265 (6.7)	19	.885 (22.5)
02	.145 (3.7)	29	.315 (8.0)	26	.950 (24.1)
04	.182 (4.6)	14	.385 (9.8)	28	1.015 (25.8)
06	.197 (5.0)	15	.445 (11.3)	20	1.070 (27.2)
		33	.510 (13.0)	21	1.135 (28.8)
		16	.570 (14.5)	22	1.210 (30.7)
		17	.635 (16.1)	23	1.275 (32.4)
		18	.695 (17.7)	24	.766 (19.46)
		27	.766 (19.5)	30	1.380 (35.1)
		31	.820 (20.8)	25	1.530 (38.9)
				50	.432 (11.0)
				52	.492 (12.5)
				54	.648 (16.5)
				56	.757 (19.2)
				58	.898 (22.8)
				60	1.023 (26.0)
				64	1.137 (28.9)
				68	1.357 (34.5)
				Code WS	
					Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.

Series 66 Protective Covers

for Series 805 Mighty Mouse Connectors

667-424, 667-462 ProSeal™ Flip Lid Receptacle Cover

MM805 Receptacle Cover
ProSeal™ Flip-and-Spin Lid



ProSeal™ Flip Lid



Spring-loaded, waterproof. ProSeal™ cover fits Glenair Series 805 Mighty Mouse receptacle connectors. Cover mounts onto standard connector jam nut or square flange mounting holes. Two lid styles are available: *Flip Lid* and *Flip-and-Spin Lid*. Unthreaded flip lid has torsion spring and gimballed cover for dust-tight and water-tight sealing (IP67 rating). Flip-and-spin lid has threaded cover. Snap lid onto connector face, then hand-tighten ¼ turn for IP68 ingress protection plus IPX6 high pressure water spray. -40 to +120 °C.

PART NUMBER

		667-424	C	21	T1	W	-59
Base P/N	667-462 Flip-and-Spin Lid 667-424 Flip Lid						
Bracket Finish	C Black Anodize M Electroless Nickel MT Nickel-PTFE NF Cadmium, Olive Drab ZR Black Zinc-Nickel TZ Tin-Zinc						
Shell Size	08 09 10 11 12 13 15 18 19 21 23						
Panel Thickness	T0 Front Mount <i>Mounting Type W only</i> T1 Rear Panel Mount <i>.031-.062 (0.8/1.6) Thick Panel</i>						
Mounting Type	J Jam Nut <i>fig. 1</i> W Square Flange <i>fig. 2</i>						
Modification Code	<i>Mod-59 is not available for P/N 667-462</i> -59 Silver-Filled Silicone EMI Gasket						

MATERIALS AND FINISHES

- Lid, lever arm, gimbal: thermoplastic, black
- Bracket: aluminum, plated per finish code
- Spring, pin, rivit: SST/passivate
- Sleeve: Delrin
- Gasket: silicone
- Conductive gasket: silver-filled silicone

Fig. 1
Mounting Type J

Jam Nut

Fig. 2
Mounting Type W

Square Flange

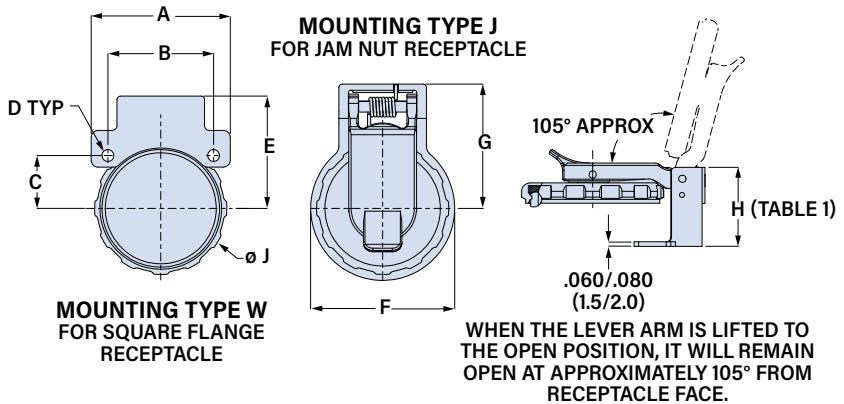


TABLE 1 H DIMENSION

Panel Thickness Code	H Max			
	Type J Jam Nut		Type W Square Flange	
	In.	mm.	In.	mm.
T0 Front Mount	N/A	N/A	.937	23.8
T1 .031/.062 (0.8/1.6)	.993	25.2	.875	22.2

Shell Size	A		B		C		D		E		F		G		J Max	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
08	.850	21.6	.660	16.8	.330	8.4	.094	2.4	.675	17.1	.768	19.5	.721	18.3	.720	18.3
09	.913	23.2	.723	18.4	.362	9.2	.094	2.4	.724	18.4	.906	23.0	.790	20.1	.782	19.9
10	.975	24.8	.785	19.9	.393	10.0	.094	2.4	.758	19.3	.906	23.0	.790	20.1	.845	21.5
11	1.039	26.4	.848	21.5	.424	10.8	.094	2.4	.780	19.8	.977	24.8	.825	21.0	.908	23.1
12	1.099	27.9	.909	23.1	.455	11.6	.094	2.4	.824	20.9	1.046	26.6	.860	21.8	.970	24.6
13	1.163	29.5	.973	24.7	.487	12.4	.094	2.4	.851	21.6	1.116	28.3	.895	22.7	1.032	26.2
15	1.288	32.7	1.058	26.9	.529	13.4	.128	3.3	1.083	27.5	1.256	31.9	.982	24.9	1.157	29.4
18	1.475	37.5	1.255	31.9	.628	16.0	.128	3.3	1.335	33.9	1.465	37.2	1.087	27.6	1.345	34.2
19	1.537	39.0	1.327	33.7	.664	16.9	.128	3.3	1.335	33.9	1.535	39.0	1.122	28.5	1.408	35.8
21	1.663	42.2	1.452	36.9	.726	18.4	.128	3.3	1.399	35.5	1.674	42.5	1.191	30.3	1.532	38.9
23	1.787	45.4	1.570	39.9	.785	19.9	.128	3.3	1.491	37.9	1.814	46.1	1.394	35.4	1.657	42.1

Series 66 Protective Covers

for Series 806 Mil-Aero Connectors

667-441 Plug Cover

806 Plug Cover



667-441 protective cover fits Glenair Series 806 plug connectors. Aluminum, stainless steel, or composite. Stainless steel fittings. Fluorosilicone O-ring.

PART NUMBER

	667-441	ME	12	S	04	-5
Base P/N	667-441					
Material/Finish	See Table 1					
Shell Size	8 9 10 11 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Ring	Omit for Attachment Types N and SK 00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

TABLE 1 MATERIAL / FINISH

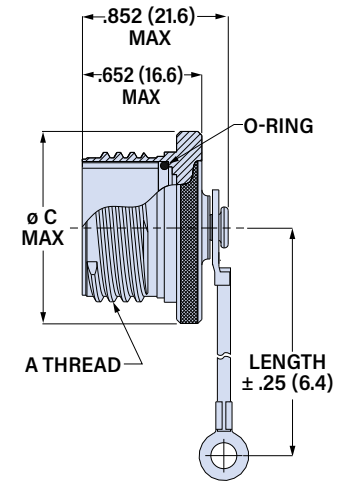
Aluminum		Stainless Steel	
C Black Anodize		Z1 Passivate	
ME Electroless Nickel		ZW O.D. Cadmium	
NF Olive Drab Cadmium		Composite	
MT Nickel-PTFE		XMD Nickel	
ZR Black Zinc-Nickel		XMT Nickel-PTFE	
TZ Tin-Zinc		XW O.D. Cadmium	
		XB Unplated Black	

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		SST Wire Rope, Black Polyurethane Black polyurethane coating, very flexible, excellent abrasion resistance, .080" (2mm) diameter, -55 to +125 °C

TABLE 3 ATTACHMENT RING

EYELET		
	Code	Eyelet I.D. ± .010 (0.3)
	04	.125 (3.2)
	06	.145 (3.7)
	08	.182 (4.6)
	10	.197 (5.0)
SOLID RING		
	Code	Ring I.D. ± .015 (0.4)
	12	.423 (10.7)
	14	.481 (12.2)
	16	.560 (14.2)
	18	.600 (15.2)
	20	.635 (16.1)
	22	.695 (17.7)
	24	.715 (18.2)
	26	.766 (19.5)
	28	.845 (21.5)
	30	.885 (22.5)
	32	.950 (24.1)
SPLIT RING		
	Code	Ring I.D. ± .015 (0.4)
	50	.432 (11.0)
	52	.492 (12.5)
	54	.648 (16.5)
	56	.757 (19.2)
	58	.898 (22.8)
	60	1.023 (26.0)
	64	1.137 (28.9)
	68	1.357 (34.5)



Shell Size	ø C Max		A Thread
	In.	mm.	
8	.676	17.2	.5000-.067P-.2L-TS-2A
9	.771	19.6	.5625-.067P-.2L-TS-2A
10	.832	21.1	.6250-.067P-.2L-TS-2A
11	.890	22.6	.6875-.067P-.2L-TS-2A
12	.950	24.1	.7500-.067P-.2L-TS-2A
14	1.110	28.2	.8750-.067P-.2L-TS-2A
16	1.170	29.7	1.0000-.067P-.2L-TS-2A
18	1.350	34.3	1.1250-.067P-.2L-TS-2A
20	1.470	37.3	1.2500-.067P-.2L-TS-2A
22	1.600	40.6	1.3750-.067P-.2L-TS-2A
24	1.710	43.4	1.5000-.067P-.2L-TS-2A

Series 66 Protective Covers

for Series 806 Mil-Aero Connectors

667-440 Receptacle Cover









806 Receptacle Cover



TABLE 1 MATERIAL / FINISH

Aluminum		Stainless Steel	
C	Black Anodize	Z1	Passivate
ME	Electroless Nickel	ZW	O.D. Cadmium
NF	Olive Drab Cadmium	Composite	
MT	Nickel-PTFE	XMD	Nickel
ZR	Black Zinc-Nickel	XMT	Nickel-PTFE
TZ	Tin-Zinc	XW	O.D. Cadmium
		XB	Unplated Black

TABLE 2 ATTACHMENT TYPE




D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		SST Wire Rope, Black Polyurethane Black polyurethane coating, very flexible, excellent abrasion resistance, .080" (2mm) diameter, -55 to +125 °C

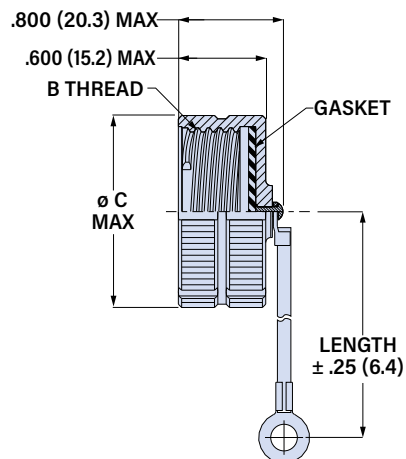
667-440 protective cover fits Glenair Series 806 receptacle connectors. Aluminum, stainless steel, or composite. Stainless steel fittings. Fluorosilicone gasket.

PART NUMBER

Base P/N	667-440	ZR	14	F	04	-6
Material/Finish	See Table 1					
Shell Size	8 9 10 11 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Ring	Omit for Attachment Types N and SK 00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

TABLE 3 ATTACHMENT RING

EYELET	
	Eyelet I.D. Code ± .010 (0.3)
	04 .125 (3.2)
	06 .145 (3.7)
	08 .182 (4.6)
	10 .197 (5.0)
SOLID RING	
	Ring I.D. Code ± .015 (0.4)
	12 .423 (10.7)
	14 .481 (12.2)
	16 .560 (14.2)
	18 .600 (15.2)
	20 .635 (16.1)
	22 .695 (17.7)
	24 .715 (18.2)
	26 .766 (19.5)
	28 .845 (21.5)
	30 .885 (22.5)
	32 .950 (24.1)
	34 1.015 (25.8)
	36 1.070 (27.2)
	38 1.135 (28.8)
	40 1.210 (30.7)
	42 1.275 (32.4)
	44 1.380 (35.1)
	46 1.470 (37.3)
	48 1.625 (41.3)
SPLIT RING	
	Ring I.D. Code ± .015 (0.4)
	50 .432 (11.0)
	52 .492 (12.5)
	54 .648 (16.5)
	56 .757 (19.2)
	58 .898 (22.8)
	60 1.023 (26.0)
	64 1.137 (28.9)
	68 1.357 (34.5)



Shell Size	ø C Max In.	ø C Max mm.	B Thread
8	.640	16.3	5000-.067P-.2L-TS-2B
9	.730	18.5	5625-.067P-.2L-TS-2B
10	.775	19.7	6250-.067P-.2L-TS-2B
11	.828	21.0	6875-.067P-.2L-TS-2B
12	.890	22.6	7500-.067P-.2L-TS-2B
14	1.030	26.2	8750-.067P-.2L-TS-2B
16	1.140	30.0	10000-.067P-.2L-TS-2B
18	1.280	32.5	11250-.067P-.2L-TS-2B
20	1.390	35.3	12500-.067P-.2L-TS-2B
22	1.515	38.5	13750-.067P-.2L-TS-2B
24	1.710	43.4	15000-.067P-.2L-TS-2B

Series 66 Protective Covers

for Series 806 Mil-Aero Connectors

667-443 Receptacle Cover, Self-Locking

806 Receptacle Cover



667-443 protective cover fits Glenair Series 806 receptacle connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Coupling nut and barrel are aluminum, SST or composite. Thermoplastic detent spring, SST rivet and fittings.









PART NUMBER

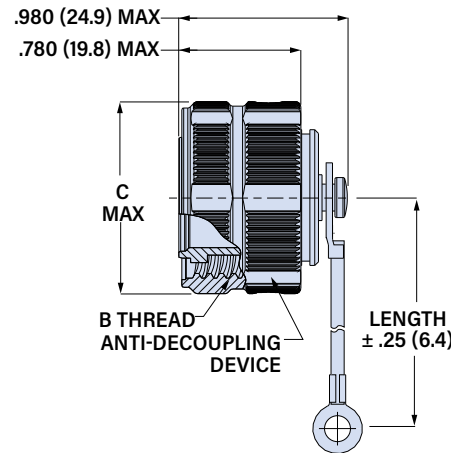
	667-443	XM	12	G	04	-5
Base P/N	667-443					
Material/Finish	See Table 1					
Shell Size	8 9 10 11 12 14 16 18 20 22 24					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Ring	Omit for Attachment Types N and SK 00 No Ring See Table 3 for Attachment Ring Codes					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					

TABLE 1 MATERIAL / FINISH

Aluminum		Stainless Steel	
C	Black Anodize	Z1	Passivate
ME	Electroless Nickel	ZW	O.D. Cadmium
NF	Olive Drab Cadmium	Composite	
MT	Nickel-PTFE	XMD	Nickel
ZR	Black Zinc-Nickel	XMT	Nickel-PTFE
TZ	Tin-Zinc	XW	O.D. Cadmium
		XB	Unplated Black




TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link. 280 (Z1)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 SST Wire Rope, Black Polyurethane Black polyurethane coating, very flexible, excellent abrasion resistance, .080" (2mm) diameter, -55 to +125 °C



Shell Size	ø C Max In.	ø C Max mm.	B Thread
8	.676	17.2	.5000-.067P-.2L-TS-2B
9	.771	19.6	.5625-.067P-.2L-TS-2B
10	.832	21.1	.6250-.067P-.2L-TS-2B
11	.890	22.6	.6875-.067P-.2L-TS-2B
12	.950	24.1	.7500-.067P-.2L-TS-2B
14	1.110	28.2	.8750-.067P-.2L-TS-2B
16	1.170	29.7	1.0000-.067P-.2L-TS-2B
18	1.350	34.3	1.1250-.067P-.2L-TS-2B
20	1.470	37.3	1.2500-.067P-.2L-TS-2B
22	1.600	40.6	1.3750-.067P-.2L-TS-2B
24	1.710	43.4	1.5000-.067P-.2L-TS-2B

TABLE 3 ATTACHMENT RING

EYELET		SOLID RING		SPLIT RING	
					
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
04	.125 (3.2)	12	.423 (10.7)	32	.950 (24.1)
06	.145 (3.7)	14	.481 (12.2)	34	1.015 (25.8)
08	.182 (4.6)	16	.560 (14.2)	36	1.070 (27.2)
10	.197 (5.0)	18	.600 (15.2)	38	1.135 (28.8)
		20	.635 (16.1)	40	1.210 (30.7)
		22	.695 (17.7)	42	1.275 (32.4)
		24	.715 (18.2)	44	1.380 (35.1)
		26	.766 (19.5)	46	1.470 (37.3)
		28	.845 (21.5)	48	1.625 (41.3)
		30	.885 (22.5)		

Series 66 Protective Covers

for Series 806 Mil-Aero Connectors

667-511, 667-512 ProSeal™ Flip Lid Receptacle Cover

806 Receptacle Cover
ProSeal™ Flip-and-Spin Lid



ProSeal™ Flip Lid



Spring-loaded, waterproof. ProSeal™ cover fits Glenair Series 806 receptacle connectors. Cover mounts onto standard connector square flange mounting holes. Two lid styles are available: *Flip Lid* and *Flip-and-Spin Lid*. Unthreaded flip lid has torsion spring and gimballed cover for dust-tight and water-tight sealing (IP67 rating). Flip-and-spin lid has threaded cover. Snap lid onto connector face, then hand-tighten ¼ turn for IP68 ingress protection plus IPX6 high pressure water spray. -40 to +120 °C.

PART NUMBER

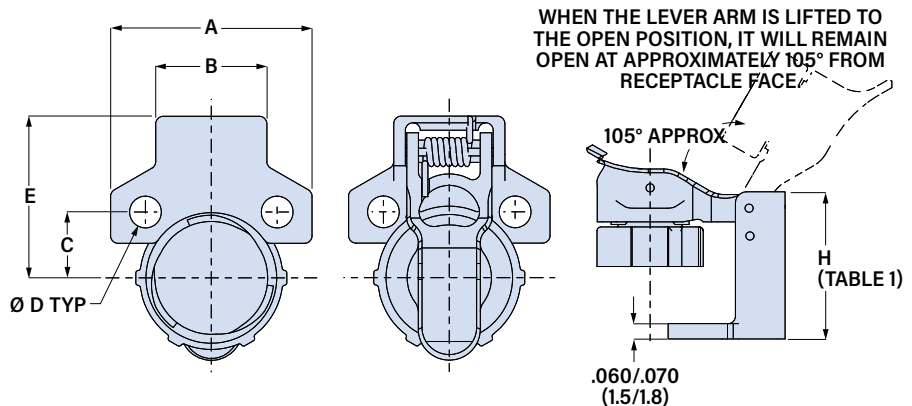
		667-512	C	16	T1	W	-59
Base P/N	667-511 Flip Lid 667-512 Flip-and-Spin Lid						
Bracket Finish	C Black Anodize M Electroless Nickel MT Nickel-PTFE NF Cadmium, Olive Drab ZR Black Zinc-Nickel TZ Tin-Zinc						
Shell Size	8 9 10 11 12 14 16 18 20 22 24						
Panel Mounting Style	T0 Front Mount T1 Rear Panel Mount .031-.062 (0.8/1.6) Thick Panel						
Mounting Type	W Square Flange						
Modification Code	<i>Mod-59 is not available for P/N 667-512</i> -59 Silver-Filled Silicone EMI Gasket						

MATERIALS AND FINISHES

Lid, lever arm, gimbal: thermoplastic, black
Bracket: aluminum, plated per finish code
Spring, pin, rivit: SST/passivate
Sleeve: Delrin
Gasket: silicone
Conductive gasket: silver-filled silicone

TABLE 1 H DIMENSION

Panel Thickness Code	Front Mount	H Max			
		Size 8-12		Size 14-24	
		In.	mm.	In.	mm.
T0	Front Mount	.940	23.9	.875	22.2
T1	.031/.062 (0.8/1.6)	.878	22.3	.813	20.7



Shell Size	A		B		C		D		E	
	In.	mm.	In.	mm.	In.	mm.	±.002 (0.1)	±.031 (0.8)	In.	mm.
8	.842	21.4	.531	13.5	.266	6.8	.128	3.3	.651	16.5
9	.905	23.0	.594	15.1	.297	7.5	.128	3.3	.724	18.4
10	.933	23.7	.625	15.9	.313	8.0	.128	3.3	.758	19.3
11	.980	24.9	.670	17.0	.335	8.5	.128	3.3	.781	19.8
12	1.058	26.9	.765	19.4	.383	9.7	.128	3.3	.814	20.7
14	1.156	29.4	.859	21.8	.430	10.9	.128	3.3	.935	23.7
16	1.250	31.8	.938	23.8	.469	11.9	.128	3.3	1.003	25.5
18	1.341	34.1	1.016	25.8	.508	12.9	.128	3.3	1.082	27.5
20	1.467	37.3	1.109	28.2	.555	14.1	.154	3.9	1.118	28.4
22	1.593	40.5	1.203	30.6	.602	15.3	.154	3.9	1.334	33.9
24	1.719	43.7	1.312	33.3	.656	16.7	.154	3.9	1.398	35.5

Series 66 Protective Covers

for Series 970 PowerTrip® Connectors

660PS097 Plug Cover

PowerTrip Plug Cover



660PS097 protective cover fits Glenair Series 970 PowerTrip plug connectors. Aluminum, stainless steel or marine bronze. Stainless steel fittings.

TABLE 1 MATERIAL / FINISH

Aluminum		Stainless Steel	
ME	Electroless Nickel	Z1	Passivate
MT	Nickel-PTFE	ZMT	Nickel-PTFE
NF	Olive Drab Cadmium	Marine Bronze	
ZR	Black Zinc-Nickel	AB	Unplated
TZ	Tin-Zinc		

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	660PS097	660PS097	ME	24	S	6	-01
Material/Finish	See Table 1						
Shell Size	18 20 24 28 32 36 40						
Attachment Type	N No Attachment See Table 2 for Attachment Types						
Attachment Length	Omit for Attachment Type N Length in One Inch Increments						
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes						

Shell Size	E Thread	ø F Max In.	ø F Max mm.
18	1.125-1P-.3L-TS-2A	1.417	36.0
20	1.250-1P-.3L-TS-2A	1.535	39.0
24	1.500-1P-.3L-TS-2A	1.772	45.0
28	1.750-1P-.3L-TS-2A	2.007	51.0
32	2.000-1P-.3L-TS-2A	2.244	57.0
36	2.250-1P-.3L-TS-2A	2.480	63.0
40	2.500-1P-.3L-TS-2A	2.716	69.0

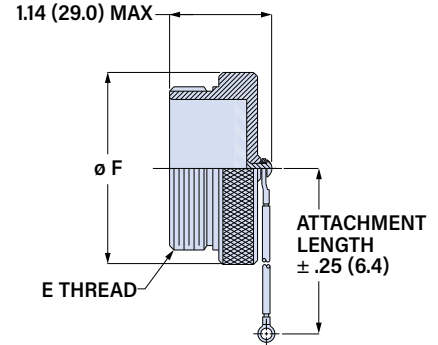


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						

Series 66 Protective Covers

for Series 970 PowerTrip® Connectors

660PS098 Receptacle Cover

PowerTrip Receptacle Cover



660PS098 protective cover fits Glenair Series 970 PowerTrip receptacle connectors. Aluminum, stainless steel or marine bronze. Silicone gasket, stainless steel fittings.

TABLE 1 MATERIAL / FINISH

Aluminum		Stainless Steel	
ME	Electroless Nickel	Z1	Passivate
MT	Nickel-PTFE	ZMT	Nickel-PTFE
NF	Olive Drab Cadmium	Marine Bronze	
ZR	Black Zinc-Nickel	AB	Unplated
TZ	Tin-Zinc		

TABLE 2 ATTACHMENT TYPE

D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S	 Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (71)
SK	 Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T	 SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U	 Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

PART NUMBER

Base P/N	660PS098	ME	20	H	5	-04
Material/Finish	See Table 1					
Shell Size	18 20 24 28 32 36 40					
Attachment Type	WN No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes					

Shell Size	E Thread	ø F Max In.	mm.
18	1.125-1P-.3L-TS-2B	1.417	36.0
20	1.250-1P-.3L-TS-2B	1.535	39.0
24	1.500-1P-.3L-TS-2B	1.772	45.0
28	1.750-1P-.3L-TS-2B	2.007	51.0
32	2.000-1P-.3L-TS-2B	2.244	57.0
36	2.250-1P-.3L-TS-2B	2.480	63.0
40	2.500-1P-.3L-TS-2B	2.716	69.0

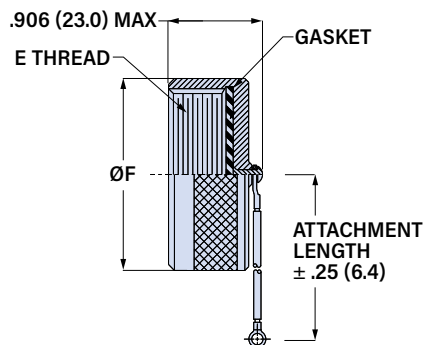




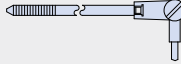


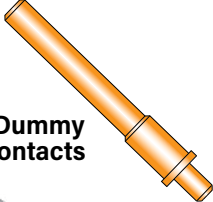


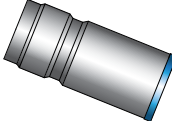




TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
							
Code	Eyelet I.D. ± .010 (0.3)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
		CABLE TIE					
							
		-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.					

Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

Selection Guide

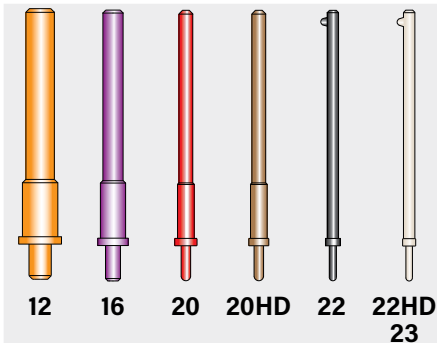
Miscellaneous Accessories	Dummy Contacts	Sealing Boot for #8 Contacts
 <p>Dummy Contacts</p>		
 <p>Jam Nuts</p>	Jam Nuts	
 <p>Splice Ring</p>		
 <p>Sealing Boot</p>	Splice Ring	Grommet Nuts
 <p>Telescoping Bushings</p>		
 <p>Grommet Nuts</p>	Potting Boots	
 <p>Bushing Strips</p>		
 <p>Potting Boots</p>	Rubber Bushings	

Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

680-116, 680-120, 859-165 Dummy Contact Sealing Plugs, Sealing Boot

680-116, 680-120 DUMMY CONTACT GROMMET SEALING PLUGS



Weight-saving, high temperature. Dummy contacts maintain environmental sealing in empty rear-release crimp connector cavities. Compatible with MIL-DTL-38999 connectors along with Glenair Series 80 Mighty Mouse and Series 806 ultraminiature circular connectors. Made of chemical-resistant thermoplastic, these dummy contacts are available in sizes 8, 12, 16, 20, 20HD, 22, and 22HD/23. Sealing plug tail protrudes from grommet to facilitate removal with standard extraction tools. Rated for +200 °C continuous operating temperature, these sealing plugs save weight compared to installing both an unused contact and a grommet sealing plug. *Size 8 sealing plug requires 859-165-02 sealing boot for environmental seal.*

Dummy Contact Part Number

Size	Sealing Boot Included	Part Number	Color	Material	øA		øB		C Max	
					±.015 (0.4) in	±.015 (0.4) mm	±.015 (0.4) in	±.015 (0.4) mm	in	mm
8	No	680-116-8	Green	FEP	.315	8.0	.218	5.54	1.510	38.4
	Yes	680-116-8B	Green	FEP	.315	8.0	.218	5.54	1.510	38.4
12	N/A	680-116-12	Orange	PPSU	.181	4.6	.094	2.39	1.180	30.0
16	N/A	680-116-16	Violet	PPSU	.128	3.3	.062	1.57	1.180	30.0
20	N/A	680-116-20	Red	PPSU	.093	2.4	.040	1.02	1.180	30.0
20HD	N/A	680-120-20HD	Brown	PPSU	.084	2.1	.040	1.02	1.180	30.0
22	N/A	680-116-22	Black	PPSU	.061	1.5	.030	0.76	1.180	30.0
22HD, 23	N/A	680-116-23	Bone	PPSU	.054	1.4	.027	0.69	1.180	30.0

Size #8 with Optional Sealing Boot

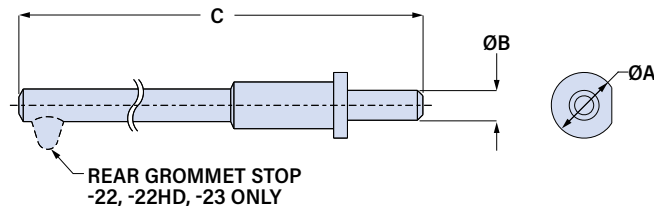
Size 8 sealing plug is available with sealing boot for use in cavities accepting coax, twinax or quadrx contacts. Dummy contact will not maintain environmental seal unless paired with sealing boot.



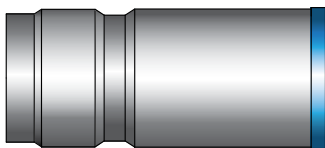
[680-116-8](#)
Less Sealing Boot



[680-116-8B](#)
Includes 859-165-02 Sealing Boot



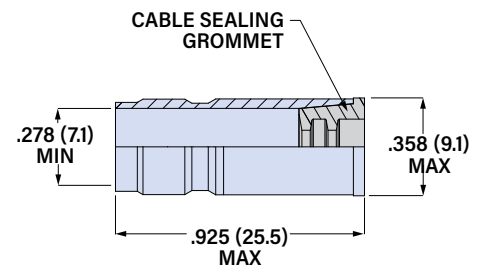
859-165 SEALING BOOT, SIZE 8



High temperature, chemical resistant. Size 8 sealing boots maintain environmental seal in connectors with size 8 coax, twinax or quadrx contacts. Fits MIL-DTL-38999, Series 80 Mighty Mouse and Series 806 Mil-Aero connectors. Slide boot over cable (grommet end first) before attaching contact to cable. After contact is assembled and installed into connector cavity, slide sealing boot forward until rigid dielectric boot body seats into connector rear grommet. For contact removal, sealing boot can be removed without the use of a tool. Blue fluorosilicone grommet, black PEI body. -65 to +200 °C.

Boot Part Number

Cable Jacket Diameter		Part Number
in	mm	
.090/.130	2.3/3.3	859-165-01
.130/.170	3.3/4.3	859-165-02
.170/.205	4.3/5.2	859-165-03





Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

MS3186 Hex Jam Nut for M26482, M83723, AS50151, M38999 series I, M26500 and M28840 connectors



MS3186 hex nuts fit jam nut mounting mil spec circular connectors. Available in aluminum, cold-rolled steel and stainless steel in a variety of finishes, these jam nuts have drilled safety wire holes. Jam nuts for bayonet connectors have one or two slots to fit over bayonet pins.

PART NUMBER

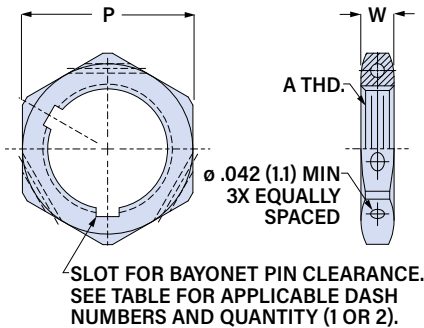
MS3186	A	113	W
Base P/N	MS3186		
Material	A Aluminum C Stainless Steel S Cold-Rolled Steel		
Dash Number	See Table 1		
Finish	See Table 2		

TABLE 2 FINISH

Aluminum (Material Code A)	
A	Black Anodize
C	Clear Cadmium
M	Nickel-PTFE
N	Electroless Nickel
W	Olive Drab Cadmium
Z	Black Zinc-Nickel
Stainless Steel (Material Code C)	
B	Black Cadmium
E	Electrodeposited Nickel
P	Passivate
W	Olive Drab Cadmium
Cold-Rolled Steel (Material Code S)	
T	Tin

TABLE 1 DASH NUMBER

AS50151		MIL-DTL-26482 M83723 SER. I		MIL-DTL-83723 SERIES III		MIL-DTL-38999 Series I		MIL-DTL-38999 Series II		MIL-DTL-26500		MIL-DTL-28840	
Shell Size	Dash No.	Shell Size	Dash No.	Shell Size	Dash No.	Shell Size	Dash No.	Shell Size	Dash No.	Shell Size	Dash No.	Shell Size	Dash No.
8	101	8	102	8	105	9	106	8	109	8	104	A (11)	109
10	103	10	106	10	107	11	108	10	111	10	107	B (13)	111
12	107	12	109	12	110	13	111	12	113	12	110	C (15)	114
14	109	14	111	14	111	15	113	14	116	14	111	D (17)	116
16	111	16	113	16 ⁽¹⁾	112	17	116	16	117	16	112	E (19)	118
18	113	18	116	16 ⁽²⁾	113	19	117	18	120	18	115	F (23)	121
20	116	20	117	18	116	21	120	20	121	20	117	G (25)	122
22	117	22	120	20	117	23	121	22	122	22	119	H (29)	124
24	120	24	121	22	120	25	122	24	123	24	121	J (33)	126
28	122			24	121								
32	125												
36	127												
40	128												
44	129												
48	130												



Dash No.	A Thread	P Hex		Number of Slots	W	
		± .017 (0.4) in	mm		± .017 (0.4) in	mm
101	.500-28 UNEF-2B	.687	17.4	None	.125	3.2
102	.5625-24 UNEF-2B	.750	19.1	2	.125	3.2
103	.625-24 UNEF-2B	.812	20.6	None	.125	3.2
104	.625-20 UN-2B	.812	20.6	2	.125	3.2
105	.625-20 UN-2B	.812	20.6	2	.125	3.2
106	.6875-24 UNEF-2B	.875	22.2	1	.125	3.2
107	.750-20 UNEF-2B	.937	23.8	2	.125	3.2
108	.8125-20 UNEF-2B	1.000	25.4	1	.125	3.2
109	.875-20 UNEF-2B	1.062	27.0	1	.125	3.2
110	.9375-20 UNEF-2B	1.125	28.6	1	.125	3.2
111	1.000-20 UNEF-2B	1.188	30.2	1	.125	3.2
112	1.125-20 UN-2B	1.312	33.3	1	.125	3.2
113	1.125-18 UNEF-2B	1.312	33.3	1	.125	3.2
114	1.1875-18 UNEF-2B	1.375	34.9	None	.125	3.2
115	1.250-20 UN-2B	1.438	36.5	None	.125	3.2

Dash No.	A Thread	P Hex		Number of Slots	W	
		± .017 (0.4) in	mm		± .017 (0.4) in	mm
116	1.250-18 UNEF-2B	1.438	36.5	1	.125	3.2
117	1.375-18 UNEF-2B	1.562	39.7	1	.125	3.2
118	1.4375-18 UNEF-2B	1.625	41.3	None	.125	3.2
119	1.500-20 UN-2B	1.688	42.9	None	.125	3.2
120	1.500-18 UNEF-2B	1.688	42.9	1	.125	3.2
121	1.625-18 UNEF-2B	1.812	46.0	1	.125	3.2
122	1.750-18 UNS-2B	2.000	50.8	1	.125	3.2
123	1.875-16 UN-2B	2.125	54.0	None	.125	3.2
124	1.9375-16 UN-2B	2.187	55.5	None	.189	4.8
125	2.000-18 UNS-2B	2.250	57.2	None	.189	4.8
126	2.125-16 UN-2B	2.375	60.3	None	.189	4.8
127	2.250-16 UN-2B	2.500	63.5	None	.189	4.8
128	2.500-16 UN-2B	2.750	69.9	None	.189	4.8
129	2.750-16 UN-2B	3.000	76.2	None	.189	4.8
130	3.000-16 UN-2B	3.250	82.6	None	.189	4.8

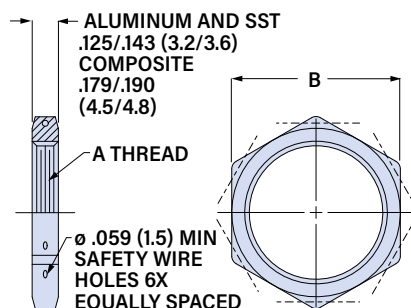
Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

687-915, 809-094 Jam Nuts

687-915 METRIC JAM NUTS FOR MIL-DTL-38999 SERIES III AND IV RECEPTACLES

Available in aluminum, composite and stainless steel in a variety of finishes, these jam nuts have six drilled safety wire holes.



MIL-DTL-38999 SERIES III AND IV

Shell Size Series III	Series IV	Part No. * = Material/Finish Code (Table 1)	A Thread Isometric	B Hex Max in	mm
9	—	687-915*1	M17X1-6H	.945	24.0
11	—	687-915*2	M20X1-6H	1.063	27.0
13	11	687-915*3	M25X1-6H	1.260	32.0
15	13	687-915*4	M28X1-6H	1.417	36.0
—	15	687-915*5	M31X1-6H	1.614	41.0
17	—	687-915*6	M32X1-6H	1.457	37.0
—	17	687-915*7	M34X1-6H	1.614	41.0
19	—	687-915*8	M35X1-6H	1.614	41.0
21	19	687-915*9	M38X1-6H	1.811	46.0
23	21	687-915*10	M41X1-6H	1.969	50.0
25	23	687-915*11	M44X1-6H	2.017	51.2
—	25	687-915*12	M47X1-6H	2.165	55.0

TABLE 1 MATL/ FINISH

Aluminum

ME	Electroless Nickel (Class F, G, R)
G	Hardcoat Anodize (Class C)
MT	Nickel-PTFE (Class T)
NF	Olive Drab Cadmium (Class W)
ZR	Black Zinc-Nickel (Class Z)

Stainless Steel

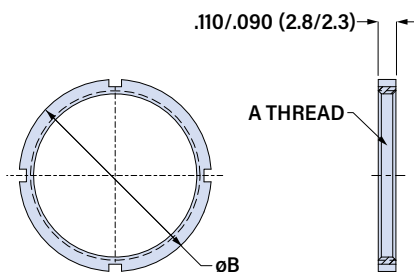
Z1	Passivate (Class K, H, Y)
ZL	Nickel (Class N, S, L)

Composite

XW	Olive Drab Cadmium (Class J)
XM	Electroless Nickel (Class M)
XO	Unplated (Class J, M)

809-094 SPANNER NUTS FOR SERIES 80 MIGHTY MOUSE JAM NUT RECEPTACLES

These spanner-type nuts fit Series 80 Mighty Mouse jam nut receptacles.



Shell Size					Part Number * = Material/Finish Code (Table 1)	A Thread	øB ± .010 (0.3) in mm
800	801	804 Fr.-Mt.	804 Rr.-Mt.	805			
5					809-094-*1	.3125-28 UN-2B	.43 10.9
6	5				809-094-*2	.3750-28 UN-2B	.50 12.7
7	6				809-094-*3	.4375-28 UNEF-2B	.56 14.2
			5		809-094-*3-3	.4375-32 UN-2B	.56 14.2
8		5	6		809-094-*4	.5000-32 UN-2B	.62 15.7
				8	809-094-*5	.5625-28 UN-2B	.68 17.3
9	7,8	6			809-094-*5-5	.5625-32 UN-2B	.68 17.3
	9		7,8		809-094-*6	.6250-28 UN-2B	.75 19.1
10					809-094-*6-6	.6250-32 UN-2B	.75 19.1
	10	7,8	9	9,10	809-094-*7	.6875-28 UN-2B	.81 20.6
12	11	9	10	11	809-094-*8	.7500-28 UN-2B	.87 22.1
		10	11	12	809-094-*9	.8125-28 UN-2B	.93 23.6
14	13	11	12	13	809-094-*10	.8750-28 UN-2B	1.00 25.4
15					809-094-*11	.9375-28 UN-2B	1.06 26.9
		12	14	15	809-094-*12	1.0000-28 UN-2B	1.12 28.4
	16	14	15		809-094-*13	1.0625-20 UN-2B	1.18 30.0
	17	15			809-094-*14	1.1250-28 UN-2B	1.25 31.8
				18	809-094-*15	1.1875-28 UN-2B	1.31 33.3
	19			19	809-094-*16	1.2500-28 UN-2B	1.37 34.8
	21			21	809-094-*18	1.3750-28 UN-2B	1.50 38.1
				23	809-094-*20	1.5000-28 UN-2B	1.62 41.1

TABLE 1 MATL/ FINISH

Aluminum

M	Electroless Nickel
MT	Nickel-PTFE
NF	Olive Drab Cadmium
ZR	Black Zinc-Nickel

TZ Tin-Zinc

Stainless Steel

Z1 Passivate

TIGHTENING TOOL



Series	Tool Part Number
800, 801	600-146
804	600-147
805	600-154

Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

809-035 Jam Nut, 687-207 Splice Ring

809-035 HEX JAM NUT FOR SERIES 80 MIGHTY MOUSE RECEPTACLES

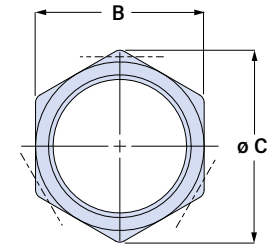
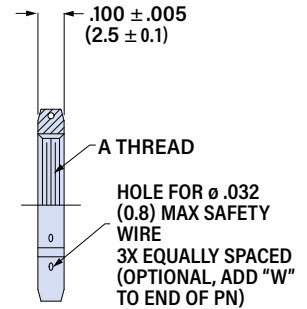


809-035 jam nuts fit Series 80 Mighty Mouse receptacles. Available in aluminum or stainless steel, these jam nuts have optional safety wire holes. Add "W" to end of part number for safety wire holes.

TABLE 1 MATL/ FINISH

Aluminum	
M	Electroless Nickel
MT	Nickel-PTFE
NF	Olive Drab Cadmium
ZR	Black Zinc-Nickel
TZ	Tin-Zinc
Stainless Steel	
Z1	Passivate

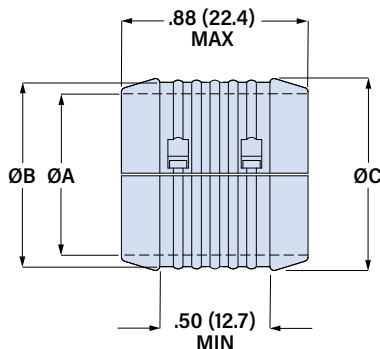
A Thread	Part Number * = Material/Finish Code (Table 1)	B Hex		øC	
		± .015 (0.4) in	± .015 (0.4) mm	± .015 (0.4) in	± .015 (0.4) mm
.2500-32 UNEF-2B	809-035*01	.375	9.5	.403	10.2
.3125-28 UN-2B	809-035*02	.438	11.1	.475	12.1
.3125-32 UNEF-2B	809-035*03	.438	11.1	.475	12.1
.3750-28 UN-2B	809-035*04	.500	12.7	.547	13.9
.4375-28 UNEF-2B	809-035*05	.563	14.3	.620	15.7
.5000-32 UN-2B	809-035*23	.625	15.9	.690	17.5
.5625-24 UNEF-2B	809-035*06	.688	17.5	.755	19.2
.5625-28 UN-2B	809-035*16	.688	17.5	.755	19.2
.5625-32 UN-2B	809-035*07	.688	17.5	.755	19.2
.6250-20 UN-2B	809-035*24	.688	17.5	.755	19.2
.6250-28 UN-2B	809-035*08	.750	19.1	.830	21.1
.6875-28 UN-2B	809-035*09	.813	20.7	.898	22.8
.7500-28 UN-2B	809-035*10	.875	22.2	.970	24.6
.8125-28 UN-2B	809-035*17	.938	23.8	1.030	26.2
.8750-28 UN-2B	809-035*11	1.000	25.4	1.078	27.4
.9375-20 UNEF-2B	809-035*12	1.063	27.0	1.187	30.1
.9375-28 UN-2B	809-035*13	1.063	27.0	1.187	30.1
1.0000-28 UN-2B	809-035*18	1.125	28.6	1.200	30.5
1.0625-20 UN-2B	809-035*14	1.188	30.2	1.264	32.1
1.1250-28 UN-2B	809-035*15	1.250	31.8	1.325	33.7
1.1875-28 UN-2B	809-035*19	1.313	33.4	1.415	35.9
1.2500-28 UN-2B	809-035*20	1.375	34.9	1.490	37.8
1.3750-28 UN-2B	809-035*22	1.500	38.1	1.625	41.3
1.5000-28 UN-2B	809-035*21	1.625	41.3	1.750	44.5



687-207 SPLICE RING



687-207 composite splice ring joins wire bundle shield braid with adapter braid sock. Splice ring consists of two identical snap-together halves. Install splice ring over wire bundle, then overlap braids and secure with Band-Master ATS® banding strap, purchased separately. Black thermoplastic.



Splice Ring Part Number	øA		øB		øC		Band Part Number	
	± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm	Flat	Pre-Coiled
687-207X004	.25	6.4	.36	9.1	.40	10.2	601-005	601-006
687-207X006	.38	9.7	.49	12.4	.53	13.5	601-005	601-006
687-207X008	.50	12.7	.61	15.5	.65	16.5	601-005	601-006
687-207X010	.63	16.0	.74	18.8	.78	19.8	601-005	601-006
687-207X012	.75	19.1	.86	21.8	.90	22.9	601-005	601-006
687-207X014	.88	22.4	.99	25.1	1.03	26.2	601-040	601-041
687-207X016	1.00	25.4	1.10	27.9	1.15	29.2	601-040	601-041
687-207X018	1.13	28.7	1.24	31.5	1.28	32.5	601-040	601-041
687-207X020	1.25	31.8	1.36	34.5	1.40	35.6	601-040	601-041
687-207X022	1.38	35.1	1.49	37.8	1.53	38.9	601-040	601-041
687-207X024	1.50	38.1	1.61	40.9	1.65	41.9	601-040	601-041
687-207X026	1.63	41.4	1.74	44.2	1.78	45.2	601-040	601-041
687-207X028	1.75	44.5	1.86	47.2	1.90	48.3	601-049	601-050
687-207X030	1.88	47.8	2.00	50.8	2.03	51.6	601-049	601-050
687-207X032	2.00	50.8	2.13	54.1	2.16	54.9	601-049	601-050

Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

610-011, 610-012 Grommet Nuts



Grommet nuts are threaded rings for installation onto connector rear accessory threads when a backshell or strain relief is not used. Grommet nuts protect connector threads and support the connector grommet to improve wire sealing. Available in two styles: direct coupling and spin coupling. Spin coupling version has toothed follower. Aluminum or stainless steel.

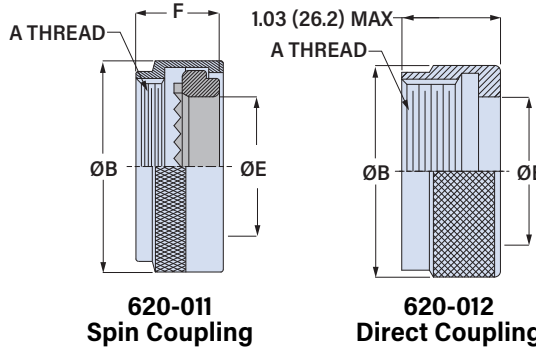


TABLE 1 MATL/ FINISH

Aluminum	
C	Black Anodize
M	Electroless Nickel
NF	Olive Drab Cadmium
MT	Nickel-PTFE
ZR	Black Zinc-Nickel
TZ	Tin-Zinc
Stainless Steel	
ZI	Passivate

GROMMET NUTS FOR AS50151 CRIMP, M26482 SERIES 2, M83723 SERIES III

Shell Size	A Thread Class 2B	610AS011 SPIN COUPLING					610AS012 DIRECT COUPLING						
		Part No. * = Material/ Finish Code from Table 1	ØB Max. in mm	ØE ± .015 (0.4) in mm		F Max in mm	Part No. * = Material/ Finish Code from Table 1	ØB Max. in mm	ØE ± .015 (0.4) in mm		F Max in mm		
08	0.500-20 UNF	610AS011*08	.65	16.5	.270	6.9	.710	18.0	610AS012*08	.65	16.5	.250	6.4
10	0.625-24 UNEF	610AS011*10	.77	19.6	.375	9.5	.710	18.0	610AS012*10	.77	19.6	.303	7.7
12	0.750-20 UNEF	610AS011*12	.94	23.9	.511	13.0	.710	18.0	610AS012*12	.97	24.6	.408	10.4
14	0.875-20 UNEF	610AS011*14	1.07	27.2	.585	14.9	.710	18.0	610AS012*14	1.09	27.7	.490	12.4
16	1.000-20 UNEF	610AS011*16	1.21	30.7	.710	18.0	.710	18.0	610AS012*16	1.22	31.0	.609	15.5
18	1.0625-18 UNEF	610AS011*18	1.23	31.2	.789	20.0	.710	18.0	610AS012*18	1.22	31.0	.730	18.5
20	1.1875-18 UNEF	610AS011*20	1.36	34.5	.914	23.2	.710	18.0	610AS012*20	1.34	34.0	.870	22.1
22	1.3125-18 UNEF	610AS011*22	1.48	37.6	1.039	26.4	.710	18.0	610AS012*22	1.47	37.3	.978	24.8
24	1.4375-18 UNEF	610AS011*24	1.73	43.9	1.154	29.3	.710	18.0	610AS012*24	1.59	40.4	1.090	27.7
28	1.750-18 UNS	610AS011*28	1.97	50.0	1.389	35.3	.890	22.6	610AS012*28	1.97	50.0	1.250	31.8
32	2.000-18 UNS	610AS011*32	2.22	56.4	1.635	41.5	.890	22.6	610AS012*32	2.28	57.9	1.520	38.6
36	2.250-16 UN	610AS011*36	2.47	62.7	1.850	47.0	.890	22.6	610AS012*36	2.53	64.3	1.756	44.6

GROMMET NUTS FOR MIL-DTL-38999 SERIES I AND II CONNECTORS

Shell Size	A Thread UNEF-2B	610FS011 SPIN COUPLING					610FS012 DIRECT COUPLING						
		Part No. * = Material/ Finish Code from Table 1	ØB Max. in mm	ØE ± .015 (0.4) in mm		F Max in mm	Part No. * = Material/ Finish Code from Table 1	ØB Max. in mm	ØE ± .015 (0.4) in mm		F Max in mm		
8/9	0.4375-28	610FS011*08	.65	16.5	.270	6.9	.710	18.0	610FS012*08	.59	15.0	.250	6.4
10/11	0.5625-24	610FS011*10	.77	19.6	.375	9.5	.710	18.0	610FS012*10	.72	18.3	.303	7.7
12/13	0.6875-24	610FS011*12	.89	22.6	.511	13.0	.710	18.0	610FS012*12	.84	21.3	.408	10.4
14/15	0.8125-20	610FS011*14	1.02	25.9	.585	14.9	.710	18.0	610FS012*14	.97	24.6	.490	12.4
16/17	0.9375-20	610FS011*16	1.15	29.2	.710	18.0	.710	18.0	610FS012*16	1.09	27.7	.609	15.5
18/19	1.0625-18	610FS011*18	1.23	31.2	.789	20.0	.710	18.0	610FS012*18	1.22	31.0	.730	18.5
20/21	1.1875-18	610FS011*20	1.36	34.5	.914	23.2	.710	18.0	610FS012*20	1.34	34.0	.870	22.1
22/23	1.3125-18	610FS011*22	1.48	37.6	1.039	26.4	.710	18.0	610FS012*22	1.47	37.3	.978	24.8
24/25	1.4375-18	610FS011*24	1.73	43.9	1.154	29.3	.710	18.0	610FS012*24	1.59	40.4	1.090	27.7

GROMMET NUTS FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS

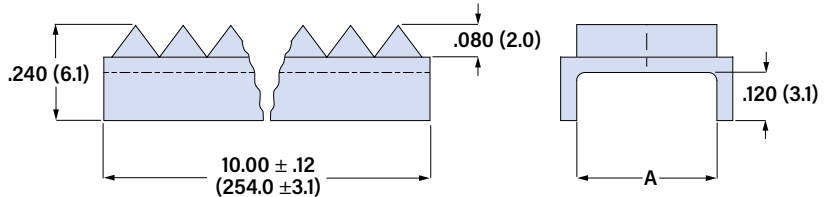
Shell Size	A Thread	610HS011 SPIN COUPLING					610HS012 DIRECT COUPLING						
		Part No. * = Material/ Finish Code from Table 1	ØB Max. in mm	ØE ± .015 (0.4) in mm		F Max in mm	Part No. * = Material/ Finish Code from Table 1	ØB Max. in mm	ØE ± .015 (0.4) in mm		F Max in mm		
9 (A)	M12X1.0-6H	610HS011*09	.77	19.6	.270	6.9	.710	18.0	610HS012*09	.65	16.5	.250	6.4
11 (B)	M15X1.0-6H	610HS011*11	.84	21.3	.375	9.5	.710	18.0	610HS012*11	.77	19.6	.303	7.7
13 (C)	M18X1.0-6H	610HS011*13	.96	24.4	.511	13.0	.710	18.0	610HS012*13	.89	22.6	.408	10.4
15 (D)	M22X1.0-6H	610HS011*15	1.09	27.7	.585	14.9	.710	18.0	610HS012*15	1.03	26.2	.490	12.4
17 (E)	M25X1.0-6H	610HS011*17	1.23	31.2	.710	18.0	.710	18.0	610HS012*17	1.15	29.2	.609	15.5
19 (F)	M28X1.0-6H	610HS011*19	1.36	34.5	.789	20.0	.710	18.0	610HS012*19	1.28	32.5	.730	18.5
21 (G)	M31X1.0-6H	610HS011*21	1.48	37.6	.914	23.2	.710	18.0	610HS012*21	1.41	35.8	.870	22.1
23 (H)	M34X1.0-6H	610HS011*23	1.60	40.6	1.039	26.4	.710	18.0	610HS012*23	1.53	38.9	.978	24.8
25 (J)	M37X1.0-6H	610HS011*25	1.72	43.7	1.154	29.3	.710	18.0	610HS012*25	1.66	42.2	1.090	27.7

Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

M85049/127 Rubber Bushing Strip for Saddle Clamp Strain Reliefs

Rubber bushing strip fits under strain relief saddle bars and provides cushioning and protection to wire bundle. Use with full radius saddle clamp strain reliefs including 620-038, M85049/118, /120, /121, /123, /124, and /126. These 10 inch (254 mm) strips are available in three widths to fit small, medium and large width saddle bars. Trim to desired length with scissors. Blue silicone rubber.



PART NUMBER			
Shell Size of Cable Clamp	A Strip Width ± .031 (0.8)		Part Number
	in	mm	
08-17	.312	7.9	M85049/127-01
18-25	.440	11.2	M85049/127-02
28-40	.560	14.2	M85049/127-03

Miscellaneous Accessories

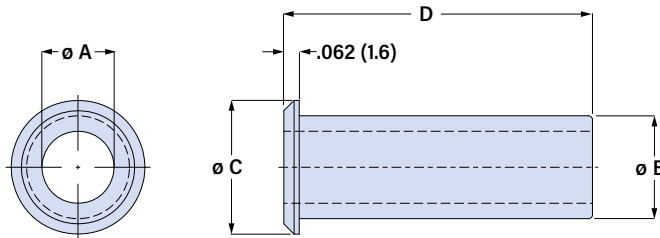
Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

M85049/139 Rubber Bushings for Cable Clamps



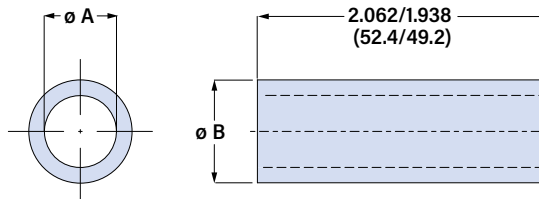
M85049/139 rubber bushings provide wire cushioning and protection. Install bushing under saddle bars of cable clamp. These bushings telescope into the next larger size. Use multiple bushings to reduce the inside diameter. Available with or without flange. These bushings are identical to the MS3420 specification. Black neoprene (-40 to +100 °C), red silicone (-70 to +200 °C) or blue fluorosilicone (-70 to +200 °C).

WITH FLANGE



Size	Part No.			øA		øB		øC		D	
	Black Neoprene	Red Silicone	Blue Fluorosilicone	in	mm	in	mm	in	mm	in	mm
3	M85049/139-3	M85049/139-3C	M85049/139-3K	.130	3.3	.210	5.3	.379	9.6	2.875	73.0
4	M85049/139-4	M85049/139-4C	M85049/139-4K	.220	5.6	.302	7.7	.505	12.8	2.750	69.9
6	M85049/139-6	M85049/139-6C	M85049/139-6K	.312	7.9	.427	10.8	.619	15.7	2.625	66.7
8	M85049/139-8	M85049/139-8C	M85049/139-8K	.437	11.1	.552	14.0	.744	18.9	2.500	63.5
10	M85049/139-10	M85049/139-10C	M85049/139-10K	.562	14.3	.615	15.6	.889	22.6	2.375	60.3
12	M85049/139-12	M85049/139-12C	M85049/139-12K	.625	15.9	.740	18.8	1.084	27.5	2.250	57.2
16	M85049/139-16	M85049/139-16C	M85049/139-16K	.750	19.1	.927	23.5	1.314	33.4	2.125	54.0
20	M85049/139-20	M85049/139-20C	M85049/139-20K	.937	23.8	1.240	31.5	1.598	40.6	2.000	50.8
24	M85049/139-24	M85049/139-24C	M85049/139-24K	1.250	31.8	1.365	34.7	1.847	46.9	1.875	47.6
28	M85049/139-28	M85049/139-28C	M85049/139-28K	1.375	34.9	1.614	41.0	2.085	53.0	1.750	44.5
32	M85049/139-32	M85049/139-32C	M85049/139-32K	1.624	41.2	1.864	47.3	2.335	59.3	1.625	41.3
40	M85049/139-40	M85049/139-40C	M85049/139-40K	1.874	47.6	2.364	60.0	2.835	72.0	1.500	38.1

NO FLANGE



Size	Part No.			øA		øB	
	Black Neoprene	Red Silicone	Blue Fluorosilicone	in	mm	in	mm
3	M85049/139-3A	M85049/139-3D	M85049/139-3L	.125	3.2	.210	5.3
4	M85049/139-4A	M85049/139-4D	M85049/139-4L	.219	5.6	.302	7.7
6	M85049/139-6A	M85049/139-6D	M85049/139-6L	.312	7.9	.427	10.8
8	M85049/139-8A	M85049/139-8D	M85049/139-8L	.438	11.1	.531	13.5
10	M85049/139-10A	M85049/139-10D	M85049/139-10L	.438	11.1	.615	15.6
12	M85049/139-12A	M85049/139-12D	M85049/139-12L	.541	13.7	.740	18.8
16	M85049/139-16A	M85049/139-16D	M85049/139-16L	.750	19.1	.927	23.5
18	M85049/139-18A	M85049/139-18D	M85049/139-18L	.938	23.8	1.115	28.3
20	M85049/139-20A	M85049/139-20D	M85049/139-20L	.938	23.8	1.240	31.5
24	M85049/139-24A	M85049/139-24D	M85049/139-24L	1.125	28.6	1.365	34.7
28	M85049/139-28A	M85049/139-28D	M85049/139-28L	1.250	31.8	1.614	41.0
32	M85049/139-32A	M85049/139-32D	M85049/139-32L	1.625	41.3	1.865	47.4
40	M85049/139-40A	M85049/139-40D	M85049/139-40L	1.875	47.6	2.365	60.1

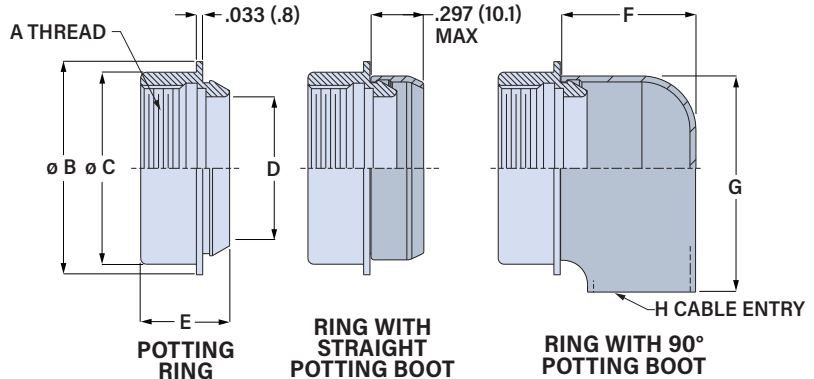
Miscellaneous Accessories

Jam Nuts, Splice Rings, Dummy Contacts, Grommet Nuts, Bushings

307-037, 307-029 Potting Boots



Potting boots are plastic molds held in place by a threaded aluminum potting ring. Fill boot with encapsulant for a neat potting seal. Plastic boot snaps over ring. Available with straight boot, 90° boot or ring only. 307AS037 and 307FS037 have aluminum ring, 307HS029 has thermoplastic ring. Boot is translucent 6/6 nylon.



*** TABLE 1 RING FINISH CODES**

307AS037, 307FS037 Aluminum

C Black Anodize	MT Nickel-PTFE
M Electroless Nickel	ZR Black Zinc-Nickel
NF Olive Drab Cadmium	TZ Tin-Zinc

▲ TABLE 2 RING MATL/FIN CODES

307HS029 Composite

—	Unplated Thermoplastic, Amber Color
XM	Electroless Nickel
XW	Olive Drab Cadmium

POTTING BOOTS FOR AS50151 CRIMP, M26482 SERIES 2, M83723 SERIES III

Part Number
* = Material/ Finish Code from Table 1

Shell Size	A Thread Class 2B	Potting Ring, No Boot	Potting Ring and Straight Boot	Potting Ring and 90° Boot	E													
					øB Max. in mm	øC in mm	øD in mm	± .031 (0.8) in mm	F Max in mm	G Max in mm	H in ² mm ²							
08	0.500-20 UNF	307AS037*08	307AS037*08S	307AS037*08A	.725	18.4	.625	15.9	.368	9.3	.458	11.6	.438	11.1	.766	19.5	.073	1.9
10	0.625-24 UNEF	307AS037*10	307AS037*10S	307AS037*10A	.850	21.6	.750	19.1	.502	12.8	.458	11.6	.469	11.9	.891	22.6	.117	3.0
12	0.750-20 UNEF	307AS037*12	307AS037*12S	307AS037*12A	.966	24.5	.875	22.2	.618	15.7	.458	11.6	.562	14.3	1.031	26.2	.206	5.2
14	0.875-20 UNEF	307AS037*14	307AS037*14S	307AS037*14A	1.124	28.5	1.000	25.4	.743	18.9	.458	11.6	.719	18.3	1.156	29.4	.384	9.8
16	1.000-20 UNEF	307AS037*16	307AS037*16S	307AS037*16A	1.242	31.5	1.125	28.6	.868	22.0	.458	11.6	.781	19.8	1.287	32.7	.443	11.3
18	1.0625-18 UNEF	307AS037*18	307AS037*18S	307AS037*18A	1.350	34.3	1.188	30.2	.924	23.5	.458	11.6	.844	21.4	1.406	35.7	.561	14.2
20	1.1875-18 UNEF	307AS037*20	307AS037*20S	307AS037*20A	1.475	37.5	1.312	33.3	1.049	26.6	.458	11.6	.906	23.0	1.531	38.9	.693	17.6
22	1.3125-18 UNEF	307AS037*22	307AS037*22S	307AS037*22A	1.600	40.6	1.438	36.5	1.174	29.8	.458	11.6	.938	23.8	1.656	42.1	.840	21.3
24	1.4375-18 UNEF	307AS037*24	307AS037*24S	307AS037*24A	1.714	43.5	1.562	39.7	1.299	33.0	.458	11.6	1.031	26.2	1.781	45.2	.999	25.4

POTTING BOOTS FOR MIL-DTL-38999 SERIES I AND II CONNECTORS

Part Number
* = Material/ Finish Code from Table 1

Shell Size	A Thread UNEF-2B	Potting Ring, No Boot	Potting Ring and Straight Boot	Potting Ring and 90° Boot	E													
					øB Max. in mm	øC in mm	øD in mm	± .031 (0.8) in mm	F Max in mm	G Max in mm	H in ² mm ²							
8/9	0.4375-28	307FS037*08	307FS037*08S	307FS037*08A	.600	15.2	.500	12.7	.344	8.7	.269	6.8	.438	11.1	.766	19.5	.073	1.9
10/11	0.5625-24	307FS037*10	307FS037*10S	307FS037*10A	.726	18.4	.625	15.9	.472	12.0	.269	6.8	.469	11.9	.891	22.6	.117	3.0
12/13	0.6875-24	307FS037*12	307FS037*12S	307FS037*12A	.850	21.6	.750	19.1	.586	14.9	.269	6.8	.562	14.3	1.031	26.2	.206	5.2
14/15	0.8125-20	307FS037*14	307FS037*14S	307FS037*14A	.976	24.8	.875	22.2	.711	18.1	.269	6.8	.719	18.3	1.156	29.4	.384	9.8
16/17	0.9375-20	307FS037*16	307FS037*16S	307FS037*16A	1.102	28.0	1.000	25.4	.836	21.2	.269	6.8	.781	19.8	1.287	32.7	.443	11.3
18/19	1.0625-18	307FS037*18	307FS037*18S	307FS037*18A	1.226	31.1	1.125	28.6	.942	23.9	.269	6.8	.844	21.4	1.406	35.7	.561	14.2
20/21	1.1875-18	307FS037*20	307FS037*20S	307FS037*20A	1.352	34.3	1.250	31.8	1.067	27.1	.269	6.8	.906	23.0	1.531	38.9	.693	17.6
22/23	1.3125-18	307FS037*22	307FS037*22S	307FS037*22A	1.476	37.5	1.375	34.9	1.192	30.3	.269	6.8	.938	23.8	1.656	42.1	.840	21.3
24/25	1.4375-18	307FS037*24	307FS037*24S	307FS037*24A	1.602	40.7	1.500	38.1	1.317	33.5	.269	6.8	1.031	26.2	1.781	45.2	.999	25.4

POTTING BOOTS FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS

Part Number
▲ = Material/ Finish Code from Table 2

Shell Size	A Thread	Potting Ring, No Boot	Potting Ring and Straight Boot	Potting Ring and 90° Boot	E													
					øB Max. in mm	øC in mm	øD in mm	± .031 (0.8) in mm	F Max in mm	G Max in mm	H in ² mm ²							
9 (A)	M12X1.0-6H	307HS029*09	307HS029*09S	307HS029*09A	.725	18.4	.625	15.9	.312	7.9	.420	10.7	.438	11.1	.766	19.5	.073	1.9
11 (B)	M15X1.0-6H	307HS029*11	307HS029*11S	307HS029*11A	.850	21.6	.750	19.1	.438	11.1	.420	10.7	.469	11.9	.891	22.6	.117	3.0
13 (C)	M18X1.0-6H	307HS029*13	307HS029*13S	307HS029*13A	.966	24.5	.866	22.0	.562	14.3	.420	10.7	.562	14.3	1.031	26.2	.206	5.2
15 (D)	M22X1.0-6H	307HS029*15	307HS029*15S	307HS029*15A	1.124	28.5	1.024	26.0	.688	17.5	.420	10.7	.719	18.3	1.156	29.4	.384	9.8
17 (E)	M25X1.0-6H	307HS029*17	307HS029*17S	307HS029*17A	1.242	31.5	1.142	29.0	.812	20.6	.420	10.7	.781	19.8	1.287	32.7	.443	11.3
19 (F)	M28X1.0-6H	307HS029*19	307HS029*19S	307HS029*19A	1.350	34.3	1.250	31.8	.938	23.8	.420	10.7	.844	21.4	1.406	35.7	.561	14.2
21 (G)	M31X1.0-6H	307HS029*21	307HS029*21S	307HS029*21A	1.475	37.5	1.375	34.9	1.062	27.0	.420	10.7	.906	23.0	1.531	38.9	.693	17.6
23 (H)	M34X1.0-6H	307HS029*23	307HS029*23S	307HS029*23A	1.600	40.6	1.500	38.1	1.188	30.2	.420	10.7	.938	23.8	1.656	42.1	.840	21.3
25 (J)	M37X1.0-6H	307HS029*25	307HS029*25S	307HS029*25A	1.714	43.5	1.614	41.0	1.312	33.3	.420	10.7	1.031	26.2	1.781	45.2	.999	25.4

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY

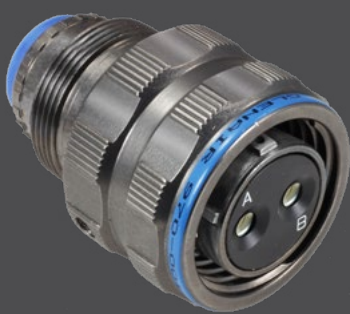


**POWER
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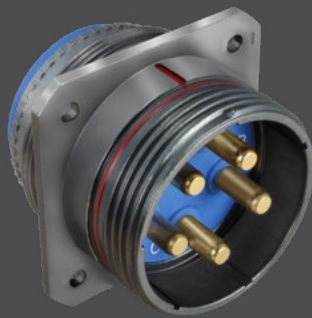
**Series 970 PowerTrip™
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power connectors for extreme
environments**



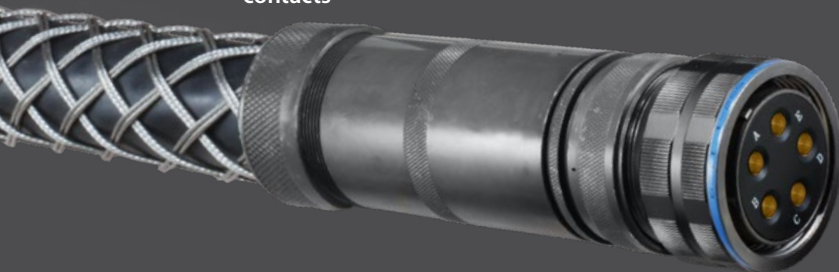
Reduced size and weight power connectors



Lightweight plug with ratcheting coupling nut and LouverBand contacts



Keyed receptacle with superior sealing and EMI shielding



- Fast, easy mating with triple-start ACME thread: 360° turn for full mating
- Reduced size and weight compared to 5015/VG95234 solutions
- LouverBand sockets for improved current ratings and longer life, up to 2000 mating cycles
- Splined backshell interface for improved backshell attachment and EMI shielding
- Ratcheting coupling nut for secure mating
- Operating temperature -65° C to +200° C
- Hermetic and filter options available

The Series 970 PowerTrip™ offers improved performance compared to standard 5015 type power connectors: higher density and lighter weight packaging, rapid mating and demating triple-start threaded coupling, and extremely rugged splined and threaded backshell attachment interface

Series 78 Rubber Covers

Selection Guide

Series 78 Rubber Covers



Series 78 Rubber Covers protect connectors from damage. These covers fit standard mil spec circular electrical connectors, Glenair Series 80 Mighty Mouse, Series 233 SuperNine, and Series 970 PowerTrip connectors.

"Mr. Bean" universal covers fit all types of mil spec circular connectors. Available in black neoprene, red silicone or blue fluorosilicone, these covers are splashproof, not submersible. Attachment choices include nylon cord with a variety of end fittings including cable ties, slip knots, and stainless steel rings.

AS50151
AS81511
MIL-DTL-26482
MIL-DTL-28840
MIL-DTL-38999
MIL-DTL-83723
Series 970



Rubber Plug Cover
780-001
Page 78-2



Rubber Receptacle Cover
780-002
Page 78-3

Series 801
Mighty Mouse



Rubber Receptacle Cover
809-190
Page 78-6



Rubber Plug Cover
809-191
Page 78-7

Series 802
Mighty Mouse



Rubber Receptacle Cover
809-192
Page 78-8



Rubber Plug Cover
809-193
Page 78-9

Series 804
Mighty Mouse



Rubber Plug Cover
809-083
Page 78-10



Rubber Receptacle Cover
809-087
Page 78-11

Series 805
Mighty Mouse



Rubber Receptacle Cover
809-196
Page 78-12



Rubber Plug Cover
809-197
Page 78-13

Series 78 Rubber Covers

for Mil Spec Circular Connectors

780-001 Bean Rubber Plug Cover



Neoprene, silicone or fluorosilicone. 780-001 plug cover fits mil spec circular connectors. Rugged molded rubber "Mr. Bean" cover slides over connector coupling nut to protect from damage. Four material choices: black neoprene, carbon-filled conductive black neoprene, red silicone or blue fluorosilicone. Attach cover with nylon rope. Attachment choices include cable tie, slip knot or stainless steel ring. Non-environmental.

TABLE 1 SIZE CODE

AS50151 MIL-DTL-5015				Series 970 PowerTrip	
Shell Size	Size Code	Shell Size	Size Code	Shell Size	Size Code
8, 8S	-09	22	-19	18	-19
10, 10SL	-11	24	-21	20	-22
12, 12S	-12	28	-25	24	-25
14, 14S	-14	32	-32	28	-32
16, 16S	-16	36	-36	32	-36
18	-15	40	-38	36	-38
20	-17	44	-50	40	-44

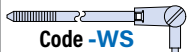



MIL-DTL-26482 Series I, II MIL-DTL-38999 Series II MIL-DTL-83723 Series III		MIL-DTL-38999 Series I and III	
Shell Size	Size Code	Shell Size	Size Code
8	-08	9	-10
10	-10	11	-11
12	-12	13	-14
14	-14	15	-16
16	-16	17	-18
18	-18	19	-20
20	-20	21	-22
22	-22	23	-24
24	-24	25	-26

MIL-DTL-28840		AS81511 MIL-C-81511	
Shell Size	Size Code	Shell Size	Size Code
A (11)	-11	8	-09
B (13)	-14	10	-11
C (15)	-16	14	-13
D (17)	-18	16	-15
E (19)	-20	18	-17
F (23)	-21	20	-22
G (25)	-23	22	-24
H (29)	-27	24	-26
J (33)	-32		

PART NUMBER

		780-001	-18	G	6	-WS	F
Base P/N	780-001						
Size	See Table 1 for Size Code						
Attachment Type	Omit for No Attachment G Nylon Rope						
Attachment Length	3 3 inches 4 4 inches 6 6 inches 8 8 inches 10 10 inches 12 12 inches <i>Length in 1 inch increments, ± 1.00 (25.4)</i>						
Attachment Fitting	-00 No Fitting See Table 2 for Attachment Fitting Codes						
Material	Omit for non-conductive black neoprene C Conductive Black Neoprene (10 ⁵ Ω/square min) F Fluorosilicone, Blue S Silicone, Red						

TABLE 2 ATTACHMENT FITTING CODES

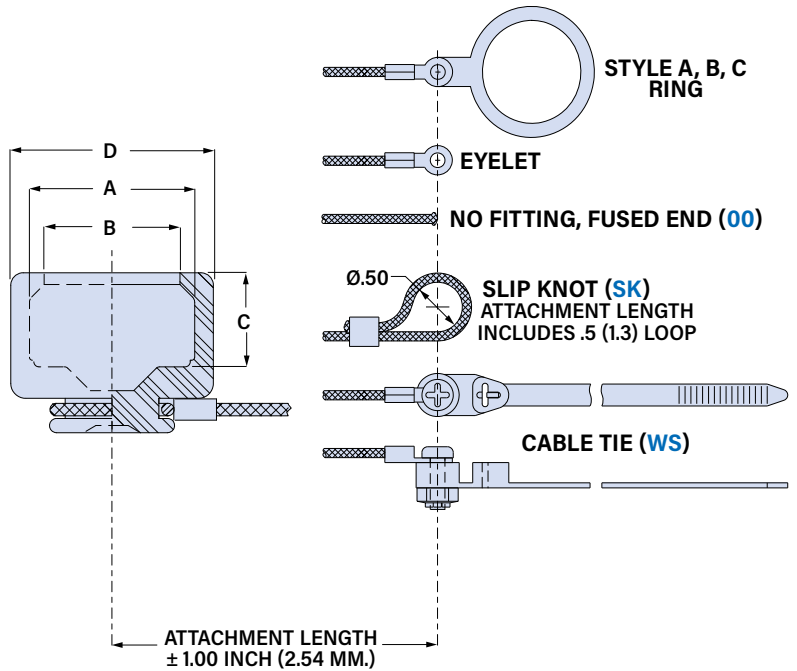
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Series 78 Rubber Covers

for Mil Spec Circular Connectors

780-001 Bean Rubber Plug Cover

Size Code	øA		øB		C		øD	
	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.
-07	.44	11.2	.38	9.7	1.00	25.4	1.25	31.8
-08	.78	19.8	.56	14.2	1.00	25.4	1.15	29.2
-09	.85	21.6	.65	16.5	1.00	25.4	1.25	31.8
-10	.89	22.6	.68	17.3	1.00	25.4	1.25	31.8
-11	1.05	26.7	.83	21.1	1.00	25.4	1.56	39.6
-12	1.06	26.9	.84	21.3	1.00	25.4	1.56	39.6
-13	1.22	31.0	1.00	25.4	1.00	25.4	1.68	42.7
-14	1.18	30.0	.96	24.4	1.00	25.4	1.68	42.7
-15	1.35	34.3	1.13	28.7	1.00	25.4	1.81	46.0
-16	1.31	33.3	1.09	27.7	1.00	25.4	1.81	46.0
-17	1.48	37.6	1.26	32.0	1.00	25.4	2.04	51.8
-18	1.42	36.1	1.17	29.7	1.00	25.4	2.04	51.8
-19	1.58	40.1	1.36	34.5	1.25	31.8	2.18	55.4
-20	1.56	39.6	1.34	34.0	1.25	31.8	2.18	55.4
-21	1.71	43.4	1.49	37.8	1.25	31.8	2.31	58.7
-22	1.68	42.7	1.44	36.6	1.25	31.8	2.31	58.7
-23	1.83	46.5	1.61	40.9	1.25	31.8	2.43	61.7
-24	1.80	45.7	1.59	40.4	1.25	31.8	2.43	61.7
-25	1.96	49.8	1.74	44.2	1.25	31.8	2.68	68.1
-26	1.90	48.3	1.73	43.9	1.25	31.8	2.68	68.1
-27	2.16	54.9	1.75	44.5	1.25	31.8	2.68	68.1
-28	2.06	52.3	1.84	46.7	1.25	31.8	2.68	68.1
-32	2.31	58.7	2.13	54.1	1.25	31.8	2.98	75.7
-36	2.56	65.0	2.32	58.9	1.25	31.8	3.21	81.5
-37	2.81	71.4	2.32	58.9	1.25	31.8	3.21	81.5
-38	2.76	70.1	2.50	63.5	1.25	31.8	3.21	81.5
-40	2.81	71.4	2.58	65.5	1.25	31.8	3.48	88.4
-44	3.06	77.7	2.84	72.1	1.56	39.6	3.58	90.9
-48	3.31	84.1	3.09	78.5	1.56	39.6	3.87	98.3
-50	3.00	76.2	2.87	72.9	1.56	39.6	3.57	90.7
-52	3.75	95.3	3.46	87.9	1.30	33.0	4.27	108.5



MATERIALS AND FINISHES

- Cover: black neoprene (standard), fungus resistant, sulfur-free
- Code C: conductive black neoprene, 100 ohms/sq. minimum
- Code F: fluorosilicone, blue
- Code S: silicone, red
- Attachment Cord: nylon, black
- Cable Tie: nylon, black
- Ring, eyelet, screw, locknut: stainless steel, passivated
- Slip knot friction sleeve: PVDF

Series 78 Rubber Covers

for Mil Spec Circular Connectors

780-002 Bean Rubber Receptacle Cover



Neoprene, silicone or fluorosilicone. 780-002 receptacle cover fits mil spec circular connectors. Rugged molded rubber "Mr. Bean" cover protects connector from damage. Four material choices: black neoprene, carbon-filled conductive black neoprene, red silicone or blue fluorosilicone. Attach cover with nylon rope. Attachment choices include cable tie, slip knot or stainless steel ring. Non-environmental.

TABLE 1 SIZE CODE

AS50151 MIL-DTL-5015				Series 970 PowerTrip	
Shell Size	Size Code	Shell Size	Size Code	Shell Size	Size Code
8, 8S	-04	22	-17	18	-14
10, 10SL	-08	24	-19	20	-16
12, 12S	-09	28	-23	24	-22
14, 14S	-11	32	-28	28	-24
16, 16S	-14	36	-32	32	-27
18	-13	40	-36	36	-32
20	-15	44	-40	40	-36

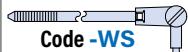



MIL-DTL-26482 Series I, II MIL-DTL-38999 Series II MIL-DTL-83723 Series III		MIL-DTL-38999 Series I and III	
Shell Size	Size Code	Shell Size	Size Code
8	-04	9	-06
10	-06	11	-08
12	-09	13	-10
14	-11	15	-12
16	-14	17	-13
18	-13	19	-16
20	-15	21	-18
22	-17	23	-20
24	-22	25	-22

MIL-DTL-28840		AS81511 MIL-C-81511	
Shell Size	Size Code	Shell Size	Size Code
A (11)	-09	8	-06
B (13)	-11	10	-08
C (15)	-14	14	-11
D (17)	-13	16	-14
E (19)	-18	18	-16
F (23)	-22	20	-18
G (25)	-21	22	-20
H (29)	-26	24	-24
J (33)	-28		

PART NUMBER

780-002	-16	G	12	-03	C
Base P/N	780-002				
Size	See Table 1 for Size Code				
Attachment Type	Omit for No Attachment G Nylon Rope				
Attachment Length	3 3 inches 4 4 inches 6 6 inches 8 8 inches 10 10 inches 12 12 inches <i>Length in 1 inch increments, ± 1.00 (25.4)</i>				
Attachment Fitting	-00 No Fitting See Table 2 for Attachment Fitting Codes				
Material	Omit for non-conductive black neoprene C Conductive Black Neoprene (10 ⁵ Ω/square min) F Fluorosilicone, Blue S Silicone, Red				

TABLE 2 ATTACHMENT FITTING CODES

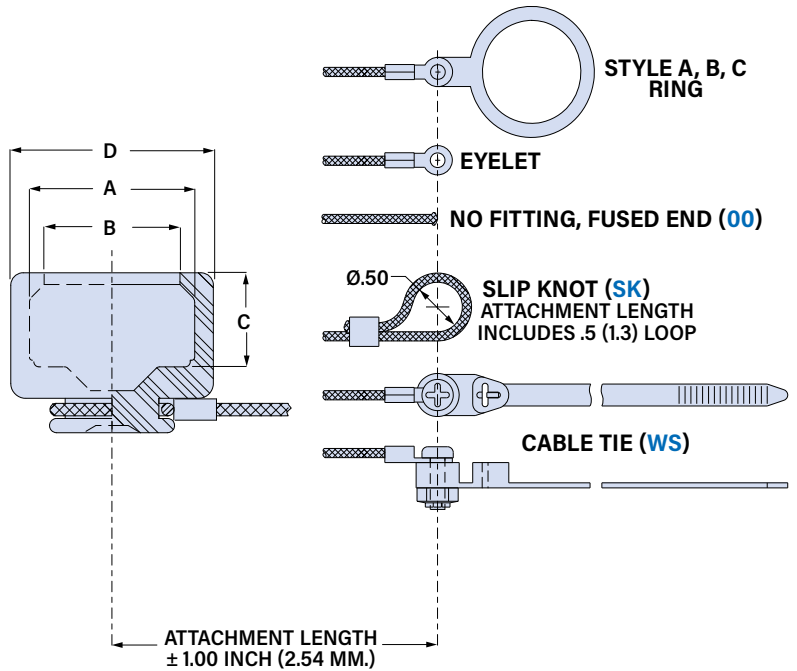
CABLE TIE	STYLE A RING	STYLE B RING	SPLIT RING																																																																																																																								
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Series 78 Rubber Covers

for Mil Spec Circular Connectors

780-002 Bean Rubber Receptacle Cover

Size Code	øA		øB		C		øD	
	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.
-03	.32	8.1	.25	6.4	.30	7.6	.75	19.1
-04	.42	10.7	.39	9.9	.63	16.0	.75	19.1
-05	.37	9.4	.33	8.4	.50	12.7	.75	19.1
-06	.47	11.9	.44	11.2	.63	16.0	.75	19.1
-07	.78	19.8	.56	14.2	.63	16.0	1.15	29.2
-08	.78	19.8	.56	14.2	.63	16.0	1.15	29.2
-09	.85	21.6	.65	16.5	.63	16.0	1.25	31.8
-10	.89	22.6	.68	17.3	.63	16.0	1.25	31.8
-11	1.05	26.7	.83	21.1	.63	16.0	1.56	39.6
-12	1.06	26.9	.84	21.3	.63	16.0	1.56	39.6
-13	1.22	31.0	1.00	25.4	.63	16.0	1.68	42.7
-14	1.18	30.0	.96	24.4	.63	16.0	1.68	42.7
-15	1.35	34.3	1.13	28.7	.63	16.0	1.81	46.0
-16	1.31	33.3	1.09	27.7	.63	16.0	1.81	46.0
-17	1.48	37.6	1.26	32.0	.63	16.0	2.04	51.8
-18	1.42	36.1	1.21	30.7	.63	16.0	2.04	51.8
-19	1.56	39.6	1.34	34.0	.63	16.0	2.15	54.6
-20	1.56	39.6	1.34	34.0	.63	16.0	2.18	55.4
-21	1.68	42.7	1.46	37.1	.63	16.0	2.31	58.7
-22	1.68	42.7	1.46	37.1	.63	16.0	2.31	58.7
-23	1.80	45.7	1.59	40.4	.69	17.5	2.43	61.7
-24	1.80	45.7	1.59	40.4	.69	17.5	2.43	61.7
-25	1.96	49.8	1.74	44.2	.69	17.5	2.64	67.1
-26	1.90	48.3	1.71	43.4	.69	17.5	2.64	67.1
-27	2.16	54.9	1.75	44.5	.69	17.5	2.64	67.1
-28	2.05	52.1	1.58	40.1	.63	16.0	3.30	83.8
-32	2.31	58.7	2.13	54.1	.69	17.5	2.98	75.7
-36	2.56	65.0	2.32	58.9	.69	17.5	3.21	81.5
-38	2.76	70.1	2.50	63.5	.69	17.5	3.21	81.5
-40	2.81	71.4	2.59	65.8	.69	17.5	3.43	87.1
-50	3.00	76.2	2.87	72.9	.69	17.5	3.57	90.7



MATERIALS AND FINISHES

- Cover: black neoprene (standard), fungus resistant, sulfur-free
- Code C: conductive black neoprene, 100 ohms/sq. minimum
- Code F: fluorosilicone, blue
- Code S: silicone, red
- Attachment Cord: nylon, black
- Cable tie: nylon, black
- Ring, eyelet, screw, locknut: stainless steel, passivated
- Slip knot friction sleeve: PVDF

Series 78 Rubber Covers

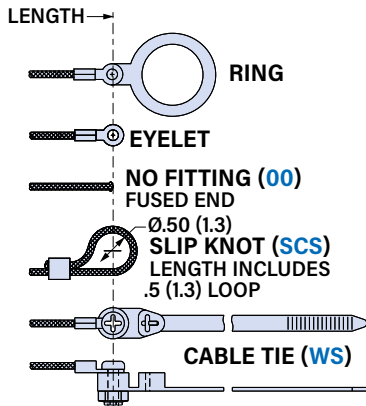
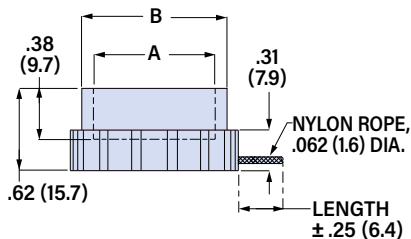
for Series 801 Mighty Mouse Connectors

809-190 Rubber Cover, Receptacle



MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Attachment cord: nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA		øB	
	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.
-05	.28	7.1	.41	10.4
-06	.35	8.9	.47	11.9
-07	.41	10.4	.53	13.5
-08	.47	11.9	.60	15.2
-09	.53	13.5	.66	16.8
-10	.60	15.2	.72	18.3
-11	.66	16.8	.78	19.8
-13	.78	19.8	.91	23.1
-16	.97	24.6	1.10	27.9
-17	1.030	26.2	1.16	29.5
-19	1.160	29.5	1.28	32.5
-21	1.280	32.5	1.41	35.8

PART NUMBER

	809-190	-16	G	10	-WS	C
Base P/N	809-190 Receptacle Cover					
Shell Size	-05 -06 -07 -08 -09 -10 -11 -13 -16 -17 -19 -21					
Attachment Type	Omit for No Attachment G Nylon Rope, .062 (1.6) diameter					
Attachment Length	Length in 1 inch increments					
Attachment Fitting	-00 No Fitting -SCS Slip Knot -WS Cable Tie See Table 1 for Eyelet and Ring Attachment Fitting Codes					
Material	Omit for non-conductive black neoprene C Conductive Black Neoprene (10 ⁵ Ω/square min)					

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code **SCS**
 Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code **WS**
 6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia. -40 to +85 °C.

RING

Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-32	.265 (6.7)	-16	.885 (22.5)
-29	.315 (8.0)	-17	.896 (22.8)
-08	.385 (9.8)	-26	.950 (24.1)
-09	.445 (11.3)	-28	1.015 (25.8)
-10	.516 (13.1)	-19	1.070 (27.2)
-11	.570 (14.5)	-20	1.135 (28.8)
-12	.583 (14.8)	-22	1.210 (30.7)
-13	.635 (16.1)	-23	1.275 (32.4)
-14	.695 (17.7)	-30	1.380 (35.1)
-27	.766 (19.5)	-25	1.530 (38.9)

EYELET

Code	Eyelet I.D. ±.010 (0.3)
-01	.126 (3.2)
-02	.140 (3.6)
-03	.145 (3.7)
-04	.156 (4.0)
-05	.167 (4.2)
-06	.188 (4.8)
-07	.197 (5.0)

Series 78 Rubber Covers

for Series 801 Mighty Mouse Connectors

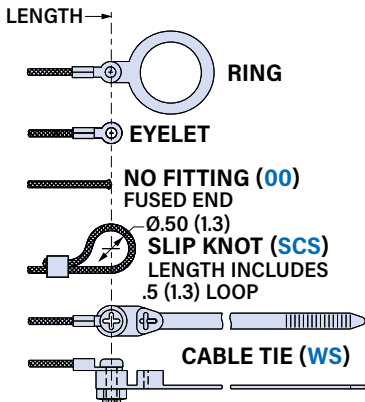
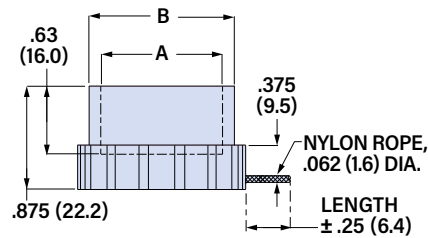
809-191 Rubber Cover, Plug



809-191 covers fit Glenair Series 801 Mighty Mouse plug connectors. Rugged molded rubber "Mini-Bean" cover fits over the coupling nut and protects from dust and damage. Fungus-resistant, sulfur-free neoprene with nylon rope. Attachment choices include cable tie, slip knot or ring. Rings are stainless steel with non-reflective black coating. Splashproof, not submersible.

MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Attachment cord: nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA		øB	
	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.
-05	.51	13.0	.70	17.8
-06	.57	14.5	.76	19.3
-07	.66	16.8	.85	21.6
-08	.72	18.3	.91	23.1
-09	.78	19.8	.97	24.6
-10	.85	21.6	1.03	26.2
-11	.89	22.6	1.08	27.4
-13	1.02	25.9	1.21	30.7
-16	1.21	30.7	1.40	35.6
-17	1.27	32.3	1.46	37.1
-19	1.38	35.1	1.56	39.6
-21	1.52	38.6	1.71	43.4

PART NUMBER

Base P/N	809-191	Plug Cover
Shell Size	-05 -06 -07 -08 -09 -10 -11 -13 -16 -17 -19 -21	
Attachment Type	Omit for No Attachment G Nylon Rope, .062 (1.6) diameter	
Attachment Length	Length in 1 inch increments	
Attachment Fitting	-00 No Fitting -SCS Slip Knot -WS Cable Tie See Table 1 for Eyelet and Ring Attachment Fitting Codes	
Material	Omit for non-conductive black neoprene C Conductive Black Neoprene (10 ⁵ Ω/square min)	

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code **SCS**
 Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code **WS**
 6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia. -40 to +85 °C.

RING

Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-32	.265 (6.7)	-16	.885 (22.5)
-29	.315 (8.0)	-17	.896 (22.8)
-08	.385 (9.8)	-26	.950 (24.1)
-09	.445 (11.3)	-28	1.015 (25.8)
-10	.516 (13.1)	-19	1.070 (27.2)
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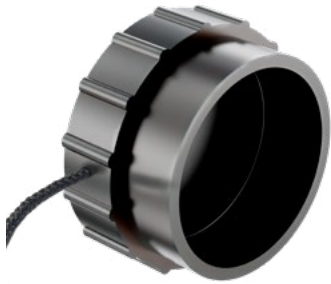
EYELET

Code	Eyelet I.D. ±.010 (0.3)
-01	.126 (3.2)
-02	.140 (3.6)
-03	.145 (3.7)
-04	.156 (4.0)
-05	.167 (4.2)
-06	.188 (4.8)
-07	.197 (5.0)

Series 78 Rubber Covers

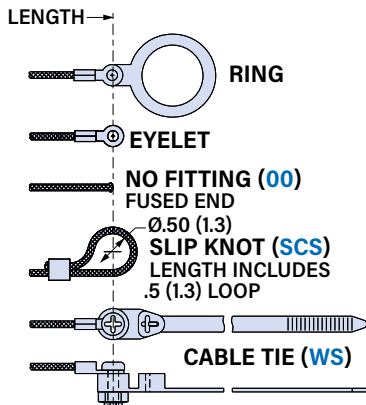
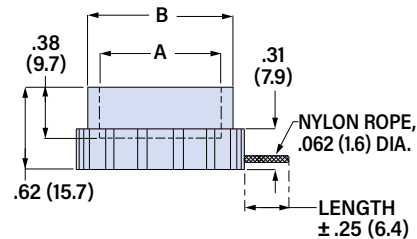
for Series 802 AquaMouse Connectors

809-192 Rubber Cover, Receptacle



MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Attachment cord: nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA		øB	
	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.
-05	.41	10.4	.530	13.5
-06	.53	13.5	.660	16.8
-07	.60	15.2	.720	18.3
-08	.66	16.8	.780	19.8
-09	.72	18.3	.850	21.6
-10	.78	19.8	.910	23.1
-12	.85	21.6	.970	24.6
-14	1.03	26.2	1.160	29.5
-15	1.10	27.9	1.220	31.0
-21	1.41	35.8	1.530	38.9

809-192 covers fit Glenair Series 802 "AquaMouse" receptacle connectors. Rugged molded rubber "Mini-Bean" cover protects equipment from dust and damage. Fungus-resistant, sulfur-free neoprene with nylon rope. Attachment choices include cable tie, slip knot or ring. Rings are stainless steel with non-reflective black coating. Splashproof, not submersible.

PART NUMBER

	809-192	-12	G	6	-03	C				
Base P/N	809-192	Receptacle Cover								
Shell Size	-05	-06	-07	-08	-09	-10	-12	-14	-15	-21
Attachment Type	Omit for No Attachment									
	G Nylon Rope, .062 (1.6) diameter									
Attachment Length	Length in 1 inch increments									
Attachment Fitting	-00 No Fitting									
	-SCS Slip Knot									
	-WS Cable Tie									
	See Table 1 for Eyelet and Ring Attachment Fitting Codes									
Material	Omit for non-conductive black neoprene									
	C Conductive Black Neoprene (10 ⁵ Ω/square min)									

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code **SCS**
 Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code **WS**
 6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia. -40 to +85 °C.

RING

Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-32	.265 (6.7)	-16	.885 (22.5)
-29	.315 (8.0)	-17	.896 (22.8)
-08	.385 (9.8)	-26	.950 (24.1)
-09	.445 (11.3)	-28	1.015 (25.8)
-10	.516 (13.1)	-19	1.070 (27.2)
-11	.570 (14.5)	-20	1.135 (28.8)
-12	.583 (14.8)	-22	1.210 (30.7)
-13	.635 (16.1)	-23	1.275 (32.4)
-14	.695 (17.7)	-30	1.380 (35.1)
-27	.766 (19.5)	-25	1.530 (38.9)

EYELET

Code	Eyelet I.D. ±.010 (0.3)
-01	.126 (3.2)
-02	.140 (3.6)
-03	.145 (3.7)
-04	.156 (4.0)
-05	.167 (4.2)
-06	.188 (4.8)
-07	.197 (5.0)

Series 78 Rubber Covers

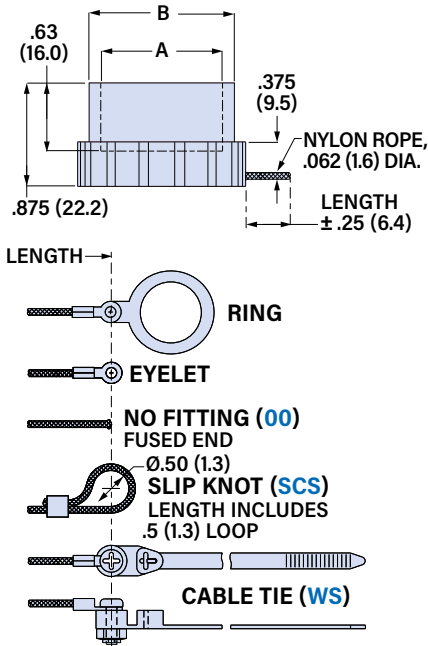
for Series 802 AquaMouse Connectors

809-193 Rubber Cover, Plug



MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Attachment cord: nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA ± .060 (1.5)		øB ± .060 (1.5)	
	ln.	mm.	ln.	mm.
-05	.51	13.0	.70	17.8
-06	.66	16.8	.85	21.6
-07	.72	18.3	.91	23.1
-08	.78	19.8	.97	24.6
-09	.85	21.6	1.03	26.2
-10	.89	22.6	1.08	27.4
-12	1.02	25.9	1.21	30.7
-14	1.21	30.7	1.40	35.6
-15	1.27	32.3	1.46	37.1
-21	1.65	41.9	1.84	46.7

809-193 covers fit Glenair Series 802 Mighty Mouse plug connectors. Rugged molded rubber "Mini-Bean" cover fits over the coupling nut and protects from dust and damage. Fungus-resistant, sulfur-free neoprene with nylon rope. Attachment choices include cable tie, slip knot or ring. Rings are stainless steel with non-reflective black coating. Splashproof, not submersible.

PART NUMBER

Base P/N	809-193	Plug Cover	809-193	-10	G	5	-10	C
Shell Size	-05 -06 -07 -08 -09 -10 -12 -14 -15 -21							
Attachment Type	Omit for No Attachment G Nylon Rope, .062 (1.6) diameter							
Attachment Length	Length in 1 inch increments							
Attachment Fitting	-00 No Fitting -SCS Slip Knot -WS Cable Tie See Table 1 for Eyelet and Ring Attachment Fitting Codes							
Material	Omit for non-conductive black neoprene C Conductive Black Neoprene (10 ⁵ Ω/square min)							

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code **SCS**
 Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code **WS**
 6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia. -40 to +85 °C.

RING

Code	Ring I.D. ± .015 (0.4)	Code	Ring I.D. ± .015 (0.4)
-32	.265 (6.7)	-16	.885 (22.5)
-29	.315 (8.0)	-17	.896 (22.8)
-08	.385 (9.8)	-26	.950 (24.1)
-09	.445 (11.3)	-28	1.015 (25.8)
-10	.516 (13.1)	-19	1.070 (27.2)
-11	.570 (14.5)	-20	1.135 (28.8)
-12	.583 (14.8)	-22	1.210 (30.7)
-13	.635 (16.1)	-23	1.275 (32.4)
-14	.695 (17.7)	-30	1.380 (35.1)
-27	.766 (19.5)	-25	1.530 (38.9)

EYELET

Code	Eyelet I.D. ± .010 (0.3)
-01	.126 (3.2)
-02	.140 (3.6)
-03	.145 (3.7)
-04	.156 (4.0)
-05	.167 (4.2)
-06	.188 (4.8)
-07	.197 (5.0)

Series 78 Rubber Covers

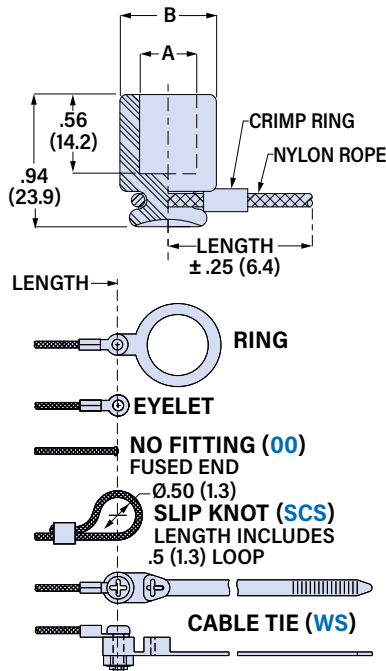
for Series 804 Mighty Mouse Connectors

809-083 Rubber Cover, Plug



MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Code S: silicone, red
 Attachment cord: nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA		øB	
	±.060 (1.5) In.	±.060 (1.5) mm.	±.060 (1.5) In.	±.060 (1.5) mm.
-05	.23	5.8	.56	14.2
-06	.29	7.4	.56	14.2
-07	.36	9.1	.56	14.2
-08	.41	10.4	.68	17.3
-09	.46	11.7	.68	17.3
-10	.54	13.7	.79	20.1
-11	.61	15.5	.94	23.9
-12	.66	16.8	.94	23.9
-14	.78	19.8	1.11	28.2
-15	.84	21.3	1.11	28.2

809-083 covers fit Glenair Series 804 plug connectors. Rugged molded rubber "Mini-Bean" cover protects equipment from dust, damage and water ingress. Fungus-resistant, sulfur-free neoprene with nylon rope. Attachment choices include cable tie, slip knot or ring. Rings are stainless steel with non-reflective black coating. IP67 ingress protection.

PART NUMBER

Base P/N	809-083 Plug Cover, 804 Series	809-083	-12	G	6	-02	S
Shell Size	-05 -06 -07 -08 -09 -10 -11 -12 -14 -15						
Attachment Type	<i>Omit for No Attachment</i> G Nylon Rope, .062 (1.6) diameter						
Attachment Length	<i>Length in 1 inch increments</i>						
Attachment Fitting	-00 No Fitting -SCS Slip Knot -WS Cable Tie <i>See Table 1 for Eyelet and Ring Attachment Fitting Codes</i>						
Material	<i>Omit for non-conductive black neoprene</i> C Conductive Black Neoprene (10 ⁵ Ω/square min) S Silicone, Red						

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code SCS
Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code WS
6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia. -40 to +85 °C.

RING

Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-32	.265 (6.7)	-19	.885 (22.5)
-29	.315 (8.0)	-26	.950 (24.1)
-14	.385 (9.8)	-28	1.015 (25.8)
-15	.445 (11.3)	-20	1.070 (27.2)
-33	.510 (13.0)	-21	1.135 (28.8)
-16	.570 (14.5)	-22	1.210 (30.7)
-17	.635 (16.1)	-23	1.275 (32.4)
-18	.695 (17.7)	-30	1.380 (35.1)
-27	.766 (19.5)	-25	1.530 (38.9)
-31	.820 (20.8)		

EYELET

Code	Eyelet I.D. ±.010 (0.3)
-01	.125 (3.2)
-02	.145 (3.7)
-04	.182 (4.6)
-06	.197 (5.0)

Series 78 Rubber Covers

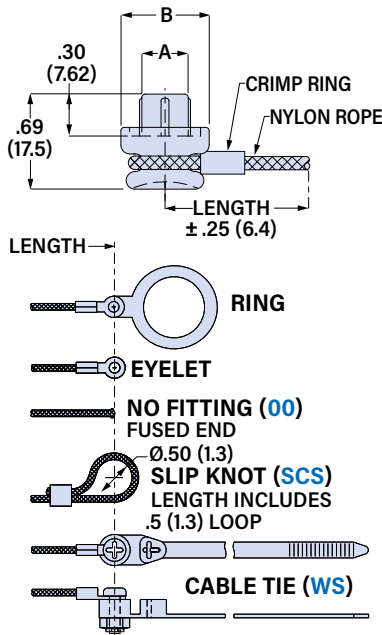
for Series 804 Mighty Mouse Connectors

809-087 Rubber Cover, Receptacle



MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Code S: silicone, red
 Attachment cord: nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA		øB	
	±.060 (1.5) In.	±.060 (1.5) mm.	±.060 (1.5) In.	±.060 (1.5) mm.
-05	.27	6.9	.59	15.0
-06	.33	8.4	.65	16.5
-07	.40	10.2	.78	19.8
-08	.44	11.2	.78	19.8
-09	.50	12.7	.84	21.3
-10	.57	14.5	.90	22.9
-11	.63	16.0	.96	24.4
-12	.69	17.5	1.03	26.2
-14	.82	20.8	1.15	29.2
-15	.87	22.1	1.21	30.7

809-087 covers fit Glenair Series 804 receptacle connectors. Rugged molded rubber "Mini-Bean" cover protects equipment from dust, damage and water ingress. Fungus-resistant, sulfur-free neoprene with nylon rope. Attachment choices include cable tie, slip knot or ring. Rings are stainless steel with non-reflective black coating.

PART NUMBER

Base P/N	809-087 Receptacle Cover	809-087	-08	G	4	-SCS	C
Shell Size	-05 -06 -07 -08 -09 -10 11 -12 -14 -15						
Attachment Type	Omit for No Attachment G Nylon Rope, .062 (1.6) diameter						
Attachment Length	Length in 1 inch increments						
Attachment Fitting	-00 No Fitting -SCS Slip Knot -WS Cable Tie See Table 1 for Eyelet and Ring Attachment Fitting Codes						
Material	Omit for non-conductive black neoprene C Conductive Black Neoprene (10 ⁵ Ω/square min) S Silicone, Red						

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code SCS
 Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code WS
 6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia.
 -40 to +85 °C.

RING

Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-32	.265 (6.7)	-19	.885 (22.5)
-29	.315 (8.0)	-26	.950 (24.1)
-14	.385 (9.8)	-28	1.015 (25.8)
-15	.445 (11.3)	-20	1.070 (27.2)
-33	.510 (13.0)	-21	1.135 (28.8)
-16	.570 (14.5)	-22	1.210 (30.7)
-17	.635 (16.1)	-23	1.275 (32.4)
-18	.695 (17.7)	-30	1.380 (35.1)
-27	.766 (19.5)	-25	1.530 (38.9)
-31	.820 (20.8)		

EYELET

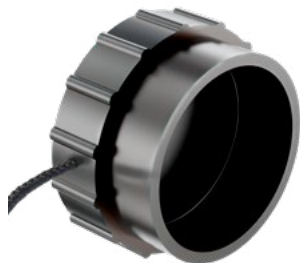
Code	Eyelet I.D. ±.010 (0.3)
-01	.125 (3.2)
-02	.145 (3.7)
-04	.182 (4.6)
-06	.197 (5.0)



Series 78 Rubber Covers

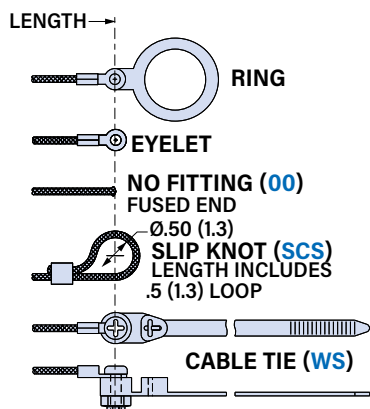
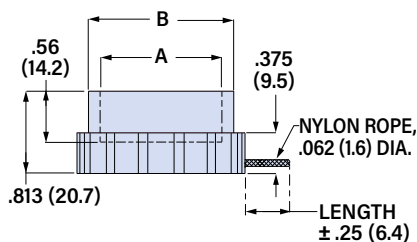
for Series 805 Mighty Mouse Connectors

809-196 Rubber Cover, Receptacle



MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Attachment cord: black nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA		øB	
	±.060 (1.5) In.	mm.	±.060 (1.5) In.	mm.
-08	.47	11.9	.66	16.8
-09	.53	13.5	.72	18.3
-10	.60	15.2	.78	19.8
-11	.66	16.8	.85	21.6
-12	.72	18.3	.91	23.1
-13	.78	19.8	.97	24.6
-15	.91	23.1	1.10	27.9
-18	1.10	27.9	1.28	32.5
-19	1.16	29.5	1.35	34.3
-21	1.28	32.5	1.47	37.3
-23	1.41	35.8	1.60	40.6

809-196 covers fit Glenair Series 805 Mighty Mouse receptacle connectors. Rugged molded rubber "Mini-Bean" cover protects equipment from dust and damage. Fungus-resistant, sulfur-free neoprene with nylon rope. Attachment choices include cable tie, slip knot or ring. Rings are stainless steel with non-reflective black coating. Splashproof, not submersible.

PART NUMBER

	809-196	-12	G	6	-02	C
Base P/N	809-196 Receptacle Cover					
Shell Size	-08 -09 -10 -11 -12 -13 -15 -18 -19 -21 -23					
Attachment Type	<i>Omit for No Attachment</i> G Nylon Rope, .062 (1.6) diameter					
Attachment Length	<i>Length in 1 inch increments</i>					
Attachment Fitting	-00 No Fitting -SCS Slip Knot -WS Cable Tie <i>See Table 1 for Eyelet and Ring Attachment Fitting Codes</i>					
Material	<i>Omit for non-conductive black neoprene</i> C Conductive Black Neoprene (10 ⁵ Ω/square min)					

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code **SCS**
 Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code **WS**
 6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia. -40 to +85 °C.

RING

Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-32	.265 (6.7)	-19	.885 (22.5)
-29	.315 (8.0)	-26	.950 (24.1)
-14	.385 (9.8)	-28	1.015 (25.8)
-15	.445 (11.3)	-20	1.070 (27.2)
-33	.510 (13.0)	-21	1.135 (28.8)
-16	.570 (14.5)	-22	1.210 (30.7)
-17	.635 (16.1)	-23	1.275 (32.4)
-18	.695 (17.7)	-30	1.380 (35.1)
-27	.766 (19.5)	-25	1.530 (38.9)
-31	.820 (20.8)		

EYELET

Code	Eyelet I.D. ±.010 (0.3)
-01	.125 (3.2)
-02	.145 (3.7)
-04	.182 (4.6)
-06	.197 (5.0)

Series 78 Rubber Covers

for Series 805 Mighty Mouse Connectors

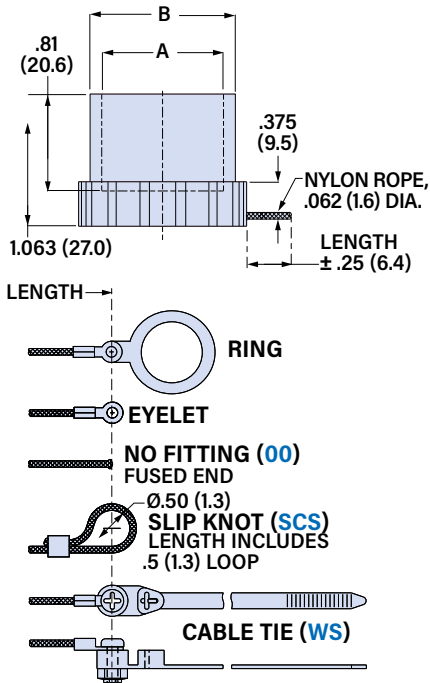
809-197 Rubber Cover, Plug



809-197 covers fit Glenair Series 805 Mighty Mouse plug connectors. Rugged molded rubber "Mini-Bean" cover fits over the coupling nut and protects from dust and damage. Fungus-resistant, sulfur-free neoprene with nylon rope. Attachment choices include cable tie, slip knot or ring. Rings are stainless steel with non-reflective black coating. Splashproof, not submersible.

MATERIAL / FINISH

Cover: black neoprene (standard), fungus resistant, sulfur-free
 Code C: conductive black neoprene, 100 ohms/sq. minimum
 Attachment cord: nylon, black
 Cable tie: black nylon with passivated SST screw and locknut
 Ring, eyelet: SST, black zinc cobalt
 Slip knot sleeve: copper/ black zinc cobalt



Shell Size	øA		øB	
	±.060 (1.5) In.	±.060 (1.5) mm.	±.060 (1.5) In.	±.060 (1.5) mm.
-08	.66	16.8	.91	23.1
-09	.76	19.3	1.01	25.7
-10	.80	20.3	1.05	26.7
-11	.89	22.6	1.14	29.0
-12	.95	24.1	1.20	30.5
-13	1.02	25.9	1.27	32.3
-15	1.07	27.2	1.32	33.5
-18	1.26	32.0	1.51	38.4
-19	1.28	32.5	1.53	38.9
-21	1.42	36.1	1.67	42.4
-23	1.53	38.9	1.78	45.2

PART NUMBER

Base P/N	809-197	Plug Cover	809-197	-12	G	6	-02	C
Shell Size	-08 -09 -10 -11 -12 -13 -15 -18 -19 -21 -23							
Attachment Type	Omit for No Attachment G Nylon Rope, .062 (1.6) diameter							
Attachment Length	Length in 1 inch increments							
Attachment Fitting	-00 No Fitting -SCS Slip Knot -WS Cable Tie See Table 1 for Eyelet and Ring Attachment Fitting Codes							
Material	Omit for non-conductive black neoprene C Conductive Black Neoprene (10 ⁵ Ω/square min)							

TABLE 1 ATTACHMENT FITTING

SLIP KNOT

Code **SCS**
 Copper sleeve with black zinc cobalt finish. May be crimped after adjustment to permanently fix location.

CABLE TIE

Code **WS**
 6/6 nylon cable tie with screw and locknut. 1.77 (45.0) max. wire bundle dia. -40 to +85 °C.

RING

Code	Ring I.D. ±.015 (0.4)
-32	.265 (6.7)
-29	.315 (8.0)
-14	.385 (9.8)
-15	.445 (11.3)
-33	.510 (13.0)
-16	.570 (14.5)
-17	.635 (16.1)
-18	.695 (17.7)
-27	.766 (19.5)
-31	.820 (20.8)

Code	Ring I.D. ±.015 (0.4)
-19	.885 (22.5)
-26	.950 (24.1)
-28	1.015 (25.8)
-20	1.070 (27.2)
-21	1.135 (28.8)
-22	1.210 (30.7)
-23	1.275 (32.4)
-30	1.380 (35.1)
-25	1.530 (38.9)

EYELET

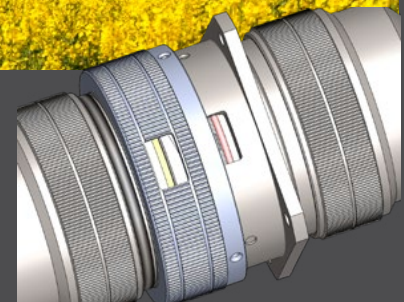
Code	Eyelet I.D. ±.010 (0.3)
-01	.125 (3.2)
-02	.145 (3.7)
-04	.182 (4.6)
-06	.197 (5.0)

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY



Nuclear-grade Quick-Disconnect connectors: Double Peripheral Seal Interconnect for Stringent Containment Area (Class 1E) Applications



Signature double O-ring peripheral seal

Glenair SuperNG connectors have been designed to withstand the most stringent LOCA qualification criteria, including those requiring long-term submersion, 60-year thermal cycle simulation, and long-term radiation exposure. SuperNG utilizes machined stainless steel shells and polymeric insert materials for maximum resistance to cumulative radiation, thermal, seismic, and pressure for class 1E harsh nuclear environments. Double peripheral seals ensure life-of-system environmental performance.

GLENAIR SuperNG ZONE 1 INTERCONNECT APPLICATION SUPPORT

SuperNG is optimized for equipment applications in containment area Class 1E including:

- Valve controls/monitoring
- Control rod drive mechanisms
- Rod position indicators
- Pressure transmitters
- Solenoids
- Hydrogen detectors
- Fuel handing equipment
- Radiation tolerant cameras
- Limit switches
- Radiation detectors
- In-core detectors
- Data acquisition equipment
- Post accident monitoring systems
- Process control monitoring

Swing-Arm® Clamps

Selection Guide



Series 870 Saddle Clamp



Swing-Arm saddle clamps are available in three materials: corrosion-free composite material, aluminum alloy or stainless steel.

Series 871 Flex Clamp



Swing-Arm flex clamps feature high-strength PEEK flexible arms with recess to accept band or cable tie.

Drop-in Banding Adapter



Swing-Arm clamps are available with "drop-in" brass or aluminum banding adapters. Terminate overall shield and individual shields with Band-Master ATS band.

Series 87 Swing-Arm Clamps



Swing-Arm® clamps provide cable strain relief for mil spec circular electrical connectors including M38999, M83723, and M5015, along with Glenair's Series 80 Mighty Mouse and Series 806 Mil-Aero connectors. Swing-Arms have repositionable arms for straight, 45° or 90° cable positions. Rugged Swing-Arm clamps offer easy installation, long-term performance, weight savings and SKU reduction.

Performance tested to stringent AS85049 mechanical and electrical standards, self-locking Swing-Arm clamps are suitable for high vibration environments including military and commercial aircraft.

- Repositionable arms adjust to straight, 45° and 90°
- Two styles: saddle clamp and flex clamp
- Corrosion-resistant composite, aluminum or stainless steel
- Two shielding options: braid sock or drop-in banding adapter
- -65 to +200 °C operating temperature
- Outstanding weight and SKU reduction

Series 870 Saddle Clamp Styles



Unshielded



Braid Sock



Drop-In Banding Adapter

Series 871 Flex Clamp Styles



Unshielded



Braid Sock



Drop-In Banding Adapter

Swing-Arm® Clamps

Selection Guide

<p>Adapter Code</p> <p>A</p> <p>AS50151 crimp AS95234 MIL-DTL-26482 Ser. II MIL-DTL-83723 Ser. III</p>							
	SwingArm Saddle Clamp Composite/Aluminum/SST 870A001 Page 87-4	SwingArm Saddle Clamp Braid Sock, Composite 870A002 Page 87-6	SwingArm Saddle Clamp Aluminum/SST, Braid Sock 870A003 Page 87-8	SwingArm Saddle Clamp EMI Band Adapter, Composite 870A004 Page 87-10	SwingArm Saddle Clamp EMI Band Adapter, Alum/SST 870A005 Page 87-12		
	SwingArm Flex Clamp Composite or Aluminum 871A001 Page 87-14	SwingArm Flex Clamp Braid Sock, Composite 871A002 Page 87-15	SwingArm Flex Clamp Braid Sock, Aluminum 871A003 Page 87-17	SwingArm Flex Clamp EMI Band Adapter, Composite 871A004 Page 87-19	SwingArm Flex Clamp EMI Band Adapter, Aluminum 871A005 Page 87-21		
	<p>Adapter Code</p> <p>F</p> <p>MIL-DTL-38999 Series I and II</p>						
		SwingArm Saddle Clamp Composite/Aluminum/SST 870F001 Page 87-22	SwingArm Saddle Clamp Braid Sock, Composite 870F002 Page 87-24	SwingArm Saddle Clamp Aluminum/SST, Braid Sock 870F003 Page 87-26	SwingArm Saddle Clamp EMI Band Adapter, Composite 870F004 Page 87-28	SwingArm Saddle Clamp EMI Band Adapter, Alum/SST 870F005 Page 87-30	
		SwingArm Flex Clamp Composite or Aluminum 871F001 Page 87-32	SwingArm Flex Clamp Braid Sock, Composite 871F002 Page 87-33	SwingArm Flex Clamp Braid Sock, Aluminum 871F003 Page 87-35	SwingArm Flex Clamp EMI Band Adapter, Composite 871F004 Page 87-37	SwingArm Flex Clamp EMI Band Adapter, Aluminum 871F005 Page 87-39	
		<p>Adapter Code</p> <p>H</p> <p>MIL-DTL-38999 Series III and IV</p>					
			SwingArm Saddle Clamp Composite/Aluminum/SST 870H001 Page 87-40	SwingArm Saddle Clamp Braid Sock, Composite 870H002 Page 87-42	SwingArm Saddle Clamp Aluminum/SST, Braid Sock 870H003 Page 87-44	SwingArm Saddle Clamp EMI Band Adapter, Composite 870H004 Page 87-46	SwingArm Saddle Clamp EMI Band Adapter, Alum/SST 870H005 Page 87-48
SwingArm Flex Clamp Composite or Aluminum 871H001 Page 87-50			SwingArm Flex Clamp Braid Sock, Composite 871H002 Page 87-51	SwingArm Flex Clamp Braid Sock, Aluminum 871H003 Page 87-53	SwingArm Flex Clamp EMI Band Adapter, Composite 871H004 Page 87-55	SwingArm Flex Clamp EMI Band Adapter, Aluminum 871H005 Page 87-57	

Swing-Arm® Clamps

Selection Guide

Adapter Code

M

**Series 80
Mighty Mouse**



SwingArm Saddle Clamp
Composite/Aluminum/SST
870M001
Page 87-58



SwingArm Saddle Clamp
Braid Sock, Composite
870M002
Page 87-60



SwingArm Saddle Clamp
Aluminum/SST, Braid Sock
870M003
Page 87-62



SwingArm Saddle Clamp
EMI Band Adapter, Composite
870M004
Page 87-64



SwingArm Saddle Clamp
EMI Band Adapter, Alum/SST
870M005
Page 87-66



SwingArm Flex Clamp
Composite or Aluminum
871M001
Page 87-68



SwingArm Flex Clamp
Braid Sock, Composite
871M002
Page 87-69



SwingArm Flex Clamp
Braid Sock, Aluminum
871M003
Page 87-71



SwingArm Flex Clamp
EMI Band Adapter, Composite
871M004
Page 87-73



SwingArm Flex Clamp
EMI Band Adapter, Aluminum
871M005
Page 87-75

Adapter Code

V

**Series 806
Mil-Aero**



SwingArm Saddle Clamp
Composite/Aluminum/SST
870V001
Page 87-76



SwingArm Saddle Clamp
Braid Sock, Composite
870V002
Page 87-78



SwingArm Saddle Clamp
Aluminum/SST, Braid Sock
870V003
Page 87-80



SwingArm Saddle Clamp
EMI Band Adapter, Composite
870V004
Page 87-82



SwingArm Saddle Clamp
EMI Band Adapter, Alum/SST
870V005
Page 87-84



SwingArm Flex Clamp
Composite or Aluminum
871V001
Page 87-86



SwingArm Flex Clamp
Braid Sock, Composite
871V002
Page 87-87



SwingArm Flex Clamp
Braid Sock, Aluminum
871V003
Page 87-89



SwingArm Flex Clamp
EMI Band Adapter, Composite
871V004
Page 87-91



SwingArm Flex Clamp
EMI Band Adapter, Aluminum
871V005
Page 87-93

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A001 Swing-Arm Saddle Clamp

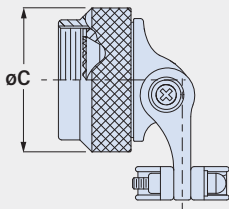
Self-Locking



Self-locking, adjustable arms. 870A001 Swing-Arm saddle clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threaded inserts to withstand high vibration. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Available in composite, aluminum or stainless steel.

Adapter Code **A**
 AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

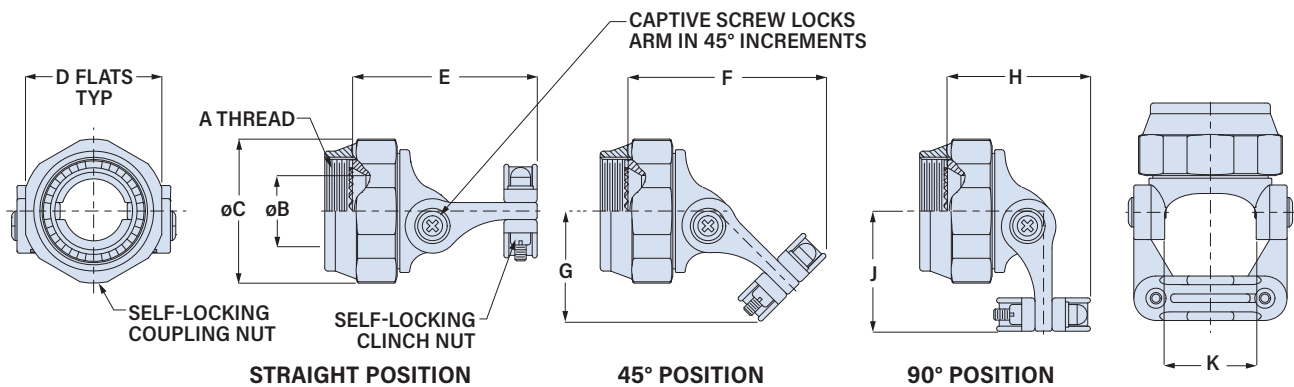
ALUMINUM AND SST VERSIONS



Aluminum and stainless steel versions have round knurled coupling nuts.

PART NUMBER

	870A001	XB	22	B
Base P/N	870A001			
Material/Finish	Composite XB No Finish (Black) Aluminum M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFR TZ Tin-Zinc ZR Black Zinc-Nickel Stainless Steel ZI Passivated			
Shell Size	08 10 12 14 16 18 20 22 24			
Clamp Size	A Standard Clamp B Large Clamp			



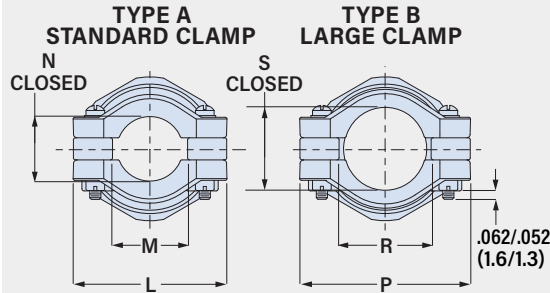
Shell Size	A Thread Class 2B	øB Min in	mm	C Max in	mm	D Flats in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
08	0.500-20 UNF	.264	6.7	.812	20.6	.750	19.1	1.43	36.3	1.35	34.3	.78	19.8	.91	23.1	.87	22.1	.393	10.0
10	0.625-24 UNEF	.365	9.3	.938	23.8	.875	22.2	1.50	38.1	1.45	36.8	.87	22.1	.94	23.9	.96	24.4	.455	11.6
12	0.750-20 UNEF	.498	12.6	1.125	28.6	1.000	25.4	1.56	39.6	1.60	40.6	.97	24.6	1.12	28.4	1.03	26.2	.598	15.2
14	0.875-20 UNEF	.575	14.6	1.250	31.8	1.125	28.6	1.57	39.9	1.68	42.7	1.02	25.9	1.21	30.7	1.10	27.9	.710	18.0
16	1.000-20 UNEF	.700	17.8	1.375	34.9	1.250	31.8	1.66	42.2	1.78	45.2	1.09	27.7	1.29	32.8	1.16	29.5	.839	21.3
18	1.0625-18 UNEF	.779	19.8	1.500	38.1	1.375	34.9	1.66	42.2	1.86	47.2	1.14	29.0	1.39	35.3	1.22	31.0	.934	23.7
20	1.1875-18 UNEF	.904	23.0	1.625	41.3	1.500	38.1	1.81	46.0	2.02	51.3	1.24	31.5	1.50	38.1	1.29	32.8	1.068	27.1
22	1.3125-18 UNEF	1.029	26.1	1.750	44.5	1.625	41.3	1.84	46.7	2.09	53.1	1.30	33.0	1.57	39.9	1.36	34.5	1.197	30.4
24	1.4375-18 UNEF	1.144	29.1	1.875	47.6	1.750	44.5	2.00	50.8	2.20	55.9	1.45	36.8	1.64	41.7	1.55	39.4	1.323	33.6

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A001 Swing-Arm Saddle Clamp

CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in mm		Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in mm	
08	.98	24.9	.22	5.6	.265	6.7	08	.98	24.9	.33	8.4	.356	9.0
10	1.05	26.7	.27	6.9	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.20	30.5	.35	8.9	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.30	33.0	.47	11.9	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.44	36.6	.55	14.0	.590	15.0	16	1.60	40.6	.80	20.3	.759	19.3
18	1.56	39.6	.62	15.7	.660	16.8	18	1.73	43.9	.90	22.9	.841	21.4
20	1.69	42.9	.70	17.8	.744	18.9	20	1.95	49.5	1.05	26.7	.996	25.3
22	1.77	45.0	.78	19.8	.826	21.0	22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.89	48.0	.85	21.6	.896	22.8	24	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Composite (Code XB)

Coupling nut, body, arms, saddles:
polyetherimide (PEI), unplated

Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: stainless steel, silver plated

Aluminum (Codes M, MT, NF, TZ, ZR)

Coupling nut, body, arms, saddles: aluminum
Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: Codes M, MT, TZ and ZR:
stainless steel, silver plated.

Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Code Z1)

Coupling nut, body, arms, saddles: SST
Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: stainless steel
Clinch Nuts: stainless steel, silver plated



Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A002 Swing-Arm Saddle Clamp, Braid Sock, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870A002 composite Swing-Arm saddle clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant glass-reinforced thermoplastic meets AS85049 requirements. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

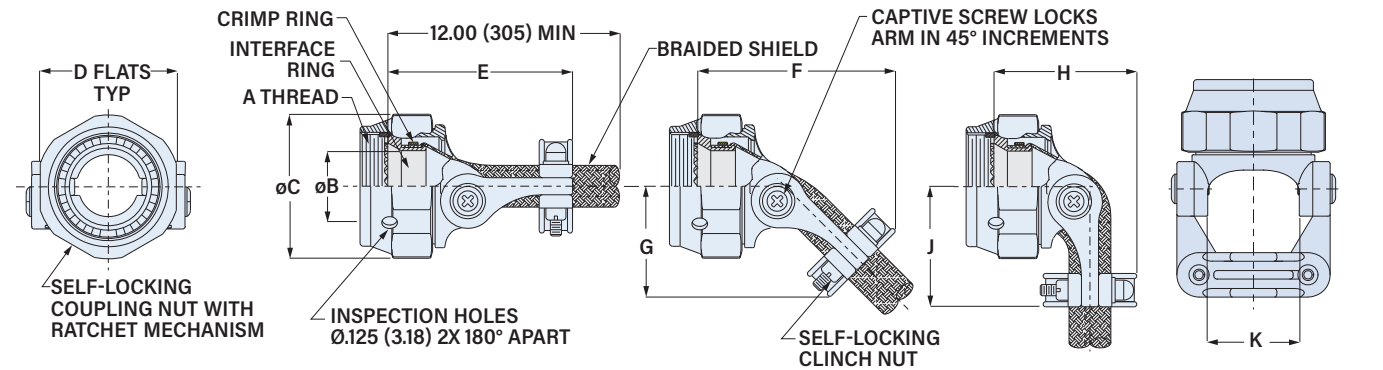
Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

TABLE 1
INTERFACE RING MATERIAL / FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

	870A002	BM	22	A	N	J	14
Base P/N	870A002						
Interface Ring Material/Finish	See Table 1						
Shell Size	08 10 12 14 16 18 20 22 24						
Clamp Size	See Clamp Dimensions on next page A Standard Clamp B Large Clamp						
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid						
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band						
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.						



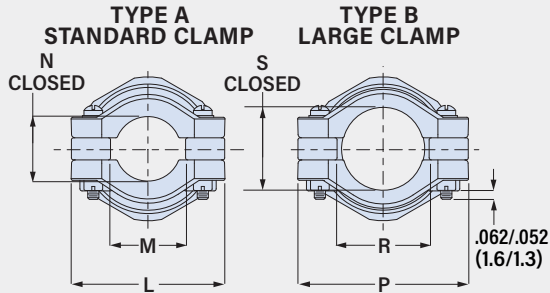
Shell Size	A Thread Class 2B	ø B Min in	ø B Min mm	ø C Max in	ø C Max mm	D Flats in	D Flats mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm	J Max in	J Max mm	K Ref. in	K Ref. mm
08	0.500-20 UNF	.264	6.7	.812	20.6	.750	19.1	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
10	0.625-24 UNEF	.365	9.3	.938	23.8	.875	22.2	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
12	0.750-20 UNEF	.498	12.6	1.125	28.6	1.000	25.4	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
14	0.875-20 UNEF	.575	14.6	1.250	31.8	1.125	28.6	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
16	1.000-20 UNEF	.700	17.8	1.375	34.9	1.250	31.8	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
18	1.0625-18 UNEF	.779	19.8	1.500	38.1	1.375	34.9	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
20	1.1875-18 UNEF	.904	23.0	1.625	41.3	1.500	38.1	1.88	47.8	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1
22	1.3125-18 UNEF	1.029	26.1	1.750	44.5	1.625	41.3	1.91	48.5	2.15	54.6	1.27	32.3	1.63	41.4	1.33	33.8	1.197	30.4
24	1.4375-18 UNEF	1.144	29.1	1.875	47.6	1.750	44.5	1.94	49.3	2.23	56.6	1.33	33.8	1.70	43.2	1.40	35.6	1.323	33.6

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A002 Swing-Arm Saddle Clamp, Braid Sock, Composite

CLAMP DIMENSIONS

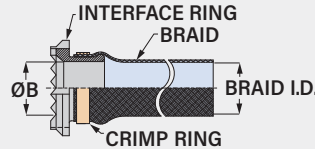


Standard Clamp								Large Clamp							
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in	N Ref. mm		Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in	S Ref. mm	
08	.98	24.9	.22	5.6	.265	6.7		08	.98	24.9	.33	8.4	.356	9.0	
10	1.05	26.7	.27	6.9	.310	7.9		10	1.20	30.5	.45	11.4	.422	10.7	
12	1.20	30.5	.35	8.9	.422	10.7		12	1.45	36.8	.62	15.7	.637	16.2	
14	1.30	33.0	.47	11.9	.538	13.7		14	1.54	39.1	.68	17.3	.707	18.0	
16	1.44	36.6	.55	14.0	.590	15.0		16	1.60	40.6	.80	20.3	.759	19.3	
18	1.56	39.6	.62	15.7	.660	16.8		18	1.73	43.9	.90	22.9	.841	21.4	
20	1.69	42.9	.70	17.8	.744	18.9		20	1.95	49.5	1.05	26.7	.996	25.3	
22	1.77	45.0	.78	19.8	.826	21.0		22	2.08	52.8	1.18	30.0	1.060	26.9	
24	1.89	48.0	.85	21.6	.896	22.8		24	2.32	58.9	1.30	33.0	1.124	28.5	

MATERIAL/FINISH

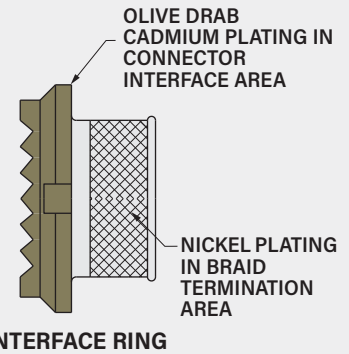
- Coupling nut, body, arms, saddles: polyetherimide (PEI)/unplated
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- interface ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Clinch Nuts: stainless steel/silver
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	Ø B Min in	Ø B Min mm	Braid I.D. in	Braid I.D. mm
08	.264	6.7	.375	9.5
10	.365	9.3	.375	9.5
12	.498	12.6	.500	12.7
14	.575	14.6	.500	12.7
16	.700	17.8	.781	19.8
18	.779	19.8	.781	19.8
20	.904	23.0	1.000	25.4
22	1.029	26.1	1.000	25.4
24	1.144	29.1	1.250	31.8

FIGURE 1 NF AND BN SELECTIVE FINISH



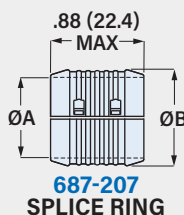
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Band Part Number		Splice Ring Part Number	ØA		ØB	
	Standard	Slim Standard		± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
16	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
18	601-041	601-573	687-207XB14	.88	22.4	1.03	26.2
20	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
22	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5
24	601-041	601-573	687-207XB20	1.25	31.8	1.40	35.6



Banding Tool for Standard Band 601-100



Banding Tool for Slim Standard Band 601-109

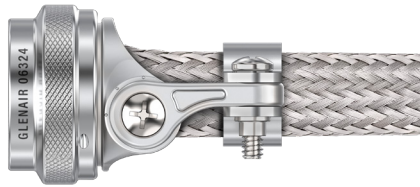


Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

Self-Locking

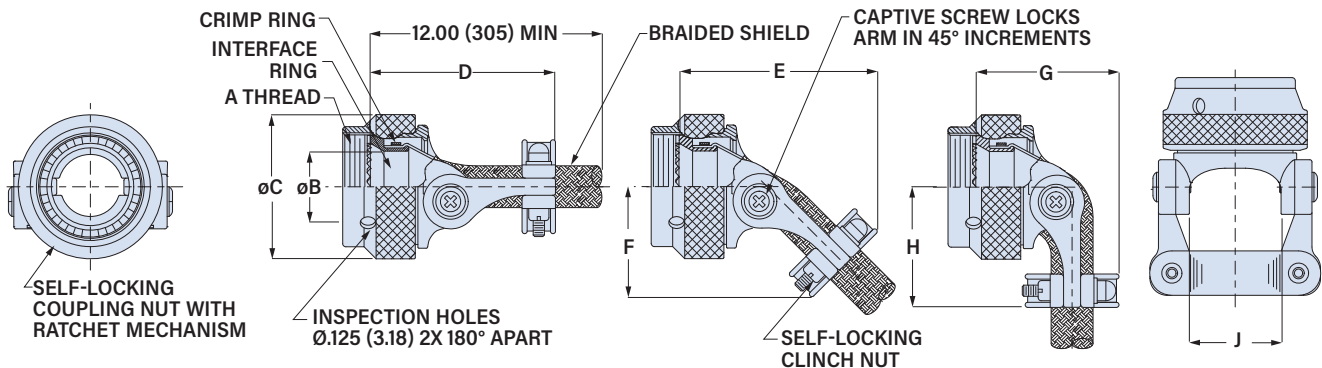


Shielded, self-locking, adjustable arms. 870A003 stainless steel or aluminum Swing-Arm saddle clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code	A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

TABLE 1 MATERIAL / FINISH	
Aluminum	
M	Electroless nickel
NF	Olive drab cadmium, selective (fig. 1)
MT	Nickel-PTFE
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

PART NUMBER		870A003	M	12	B	L	K	14
Base P/N	870A003							
Material/Finish	See Table 1							
Shell Size	08 10 12 14 16 18 20 22 24							
Clamp Size	See Clamp Dimensions on next page A Standard Clamp B Large Clamp							
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid							
Splice Ring and Band	Omit if not required. See "Splice Ring and Band" on next page. K Splice ring and standard band J Splice ring and slim standard band							
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.							



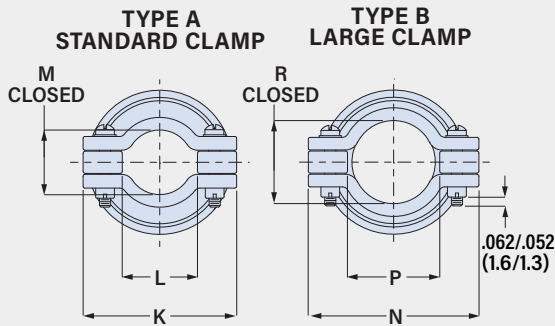
Shell Size	A Thread Class 2B	ø B Min	ø C Max	D Max	E Max	F Max	G Max	H Max	J Ref.
in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.264	.812	1.50	1.43	.76	.95	.84	.393
10	0.625-24 UNEF	.365	.938	1.54	1.49	.82	.99	.90	.455
12	0.750-20 UNEF	.498	1.125	1.62	1.64	.92	1.14	1.00	.598
14	0.875-20 UNEF	.575	1.250	1.63	1.73	.98	1.24	1.07	.710
16	1.000-20 UNEF	.700	1.375	1.73	1.86	1.08	1.36	1.13	.839
18	1.0625-18 UNEF	.779	1.500	1.73	1.93	1.12	1.46	1.20	.934
20	1.1875-18 UNEF	.904	1.625	1.88	2.08	1.21	1.55	1.26	1.068
22	1.3125-18 UNEF	1.029	1.750	1.91	2.15	1.27	1.63	1.33	1.197
24	1.4375-18 UNEF	1.144	1.875	1.94	2.23	1.33	1.70	1.40	1.323

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Shell Size	K Max in	K Max mm	L Min in	L Min mm	M Ref. in	M Ref. mm	Shell Size	N Max in	N Max mm	P Min in	P Min mm	R Ref. in	R Ref. mm
08	.98	24.9	.22	5.6	.265	6.7	08	.98	24.9	.33	8.4	.356	9.0
10	1.05	26.7	.27	6.9	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.20	30.5	.35	8.9	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.30	33.0	.47	11.9	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.44	36.6	.55	14.0	.590	15.0	16	1.60	40.6	.80	20.3	.759	19.3
18	1.56	39.6	.62	15.7	.660	16.8	18	1.73	43.9	.90	22.9	.841	21.4
20	1.69	42.9	.70	17.8	.744	18.9	20	1.95	49.5	1.05	26.7	.996	25.3
22	1.77	45.0	.78	19.8	.826	21.0	22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.89	48.0	.85	21.6	.896	22.8	24	2.32	58.9	1.30	33.0	1.124	28.5

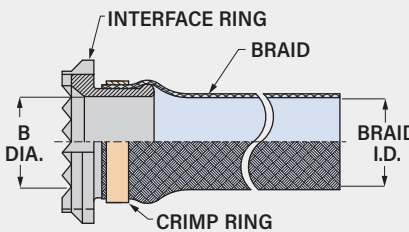
MATERIAL/FINISH

Aluminum (Codes M, MT, NF, TZ, ZR)
Coupling nut, body, arms, saddles, interface ring: aluminum
Crimp Ring: copper alloy/ tin plated
Screws, washers, inserts: stainless steel/ passivated
Anti-decoupling spring: thermoplastic
Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Codes BM, BMT, Z1, ZM)
Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
Crimp Ring: copper alloy/ tin plated
Clinch nuts: stainless steel, silver plated
interface ring: brass (codes BM, BMT) or stainless steel (Z1, ZM)

Braid:
Code N: 34 AWG nickel-coated copper
Code T: 34 AWG tin-coated copper,
Code A: *AmberStrand*® ultralightweight nickel-coated polymer
Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	ø B Min in	ø B Min mm	Braid I.D. in	Braid I.D. mm
08	.264	6.7	.375	9.5
10	.365	9.3	.375	9.5
12	.498	12.6	.500	12.7
14	.575	14.6	.500	12.7
16	.700	17.8	.781	19.8
18	.779	19.8	.781	19.8
20	.904	23.0	1.000	25.4
22	1.029	26.1	1.000	25.4
24	1.144	29.1	1.250	31.8

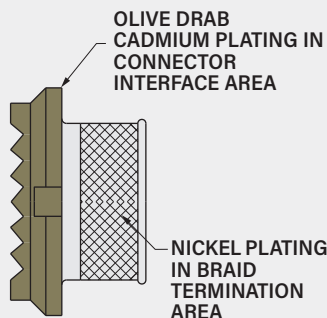
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid sock to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool. *Slim Standard Band* is 50% lighter weight than standard band with no reduction in strength.



Shell Size	Band Part Number		Split Ring Part Number	øA		øB	
	Standard	Slim Standard		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
16	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
18	601-041	601-573	687-207XB14	.88	22.4	1.03	26.2
20	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
22	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5
24	601-041	601-573	687-207XB20	1.25	31.8	1.40	35.6

FIGURE 1
NF SELECTIVE FINISH



INTERFACE RING

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870A004 Swing-Arm saddle clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code A

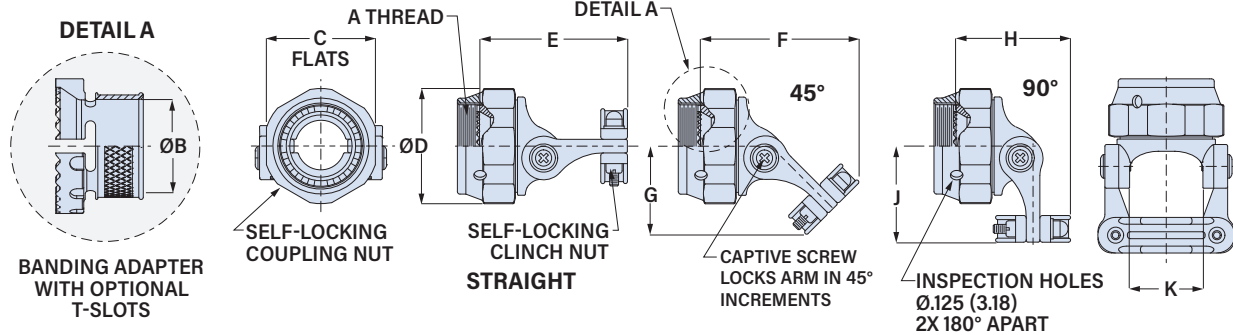
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

FIGURE 1
FINISH CODES **NFS, BNS**

FIGURE 2
BANDING ADAPTER SLOTS

PART NUMBER

	870A004	M	22	A	S	K
Base P/N	870A004					
Banding Adapter Material/Finish	M Alum/Electroless Nickel NF Alum/Olive Drab Cadmium NFS Alum/O.D. Cadmium, selective (fig. 1) MT Alum/Nickel-PTFE TZ Alum/Tin-Zinc BM Brass/Electroless Nickel BN Brass/Olive Drab Cadmium BNS Brass/O.D. Cadmium, selective (fig. 1) BMT Brass/Nickel-PTFE					
Shell Size	08 10 12 14 16 18 20 22 24					
Clamp SizeW	A Standard Clamp B Large Clamp					
Banding Adapter Slots	Omit if not required. See Figure 2. S "T" Slots in Banding Adapter for Shield Pigtails					
Band	Omit if not required. K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp					



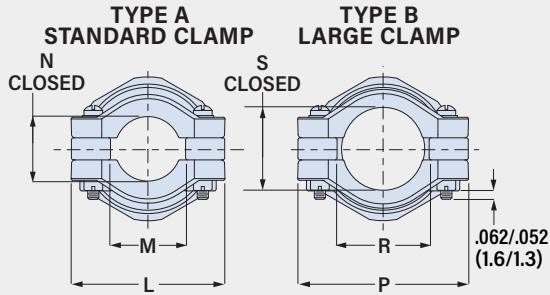
Shell Size	A Thread Class 2B	Ø B Min in	mm	C Flats in	mm	D Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
08	0.500-20 UNF	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
10	0.625-24 UNEF	.305	7.8	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
12	0.750-20 UNEF	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
14	0.875-20 UNEF	.565	14.4	1.125	28.6	1.250	31.8	1.67	42.4	1.76	44.7	1.00	25.4	1.28	32.5	1.10	27.9	.710	18.0
16	1.000-20 UNEF	.658	16.7	1.250	31.8	1.375	34.9	1.77	45.0	1.89	48.0	1.09	27.7	1.40	35.6	1.16	29.5	.839	21.3
18	1.0625-18 UNEF	.748	19.0	1.375	34.9	1.500	38.1	1.77	45.0	1.96	49.8	1.14	29.0	1.50	38.1	1.22	31.0	.934	23.7
20	1.1875-18 UNEF	.877	22.3	1.500	38.1	1.625	41.3	1.92	48.8	2.11	53.6	1.22	31.0	1.57	39.9	1.29	32.8	1.068	27.1
22	1.3125-18 UNEF	.999	25.4	1.625	41.3	1.750	44.5	1.95	49.5	2.18	55.4	1.28	32.5	1.67	42.4	1.36	34.5	1.197	30.4
24	1.4375-18 UNEF	1.127	28.6	1.750	44.5	1.875	47.6	1.98	50.3	2.25	57.2	1.34	34.0	1.73	43.9	1.43	36.3	1.323	33.6

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

CLAMP DIMENSIONS



Standard Clamp								Large Clamp						
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in	N Ref. mm		Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in	S Ref. mm
08	.97	24.6	.22	5.6	.264	6.7		08	.98	24.9	.33	8.4	.356	9.0
10	1.03	26.2	.29	7.4	.310	7.9		10	1.20	30.5	.45	11.4	.422	10.7
12	1.21	30.7	.34	8.6	.422	10.7		12	1.45	36.8	.62	15.7	.637	16.2
14	1.32	33.5	.45	11.4	.538	13.7		14	1.54	39.1	.68	17.3	.707	18.0
16	1.45	36.8	.55	14.0	.590	15.0		16	1.60	40.6	.80	20.3	.759	19.3
18	1.54	39.1	.65	16.5	.660	16.8		18	1.73	43.9	.90	22.9	.841	21.4
20	1.67	42.4	.74	18.8	.744	18.9		20	1.95	49.5	1.05	26.7	.996	25.3
22	1.79	45.5	.87	22.1	.826	21.0		22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.92	48.8	.99	25.1	.896	22.8		24	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Coupling nut, body, arms, saddles: polyetherimide (PEI)/ unplated black
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 Banding adapter: aluminum alloy or brass
 Band (optional): stainless steel/ passivated
 Clinch Nuts: stainless steel/ silver plated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length		Max Diameter	
			in	mm	in	mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 28	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

Self-Locking



Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

TABLE 1 MATERIAL / FINISH

Aluminum	
M	Electroless nickel
MT	Nickel-PTFE
NF	Olive drab cadmium
NFS	Olive drab cadmium, selective (fig. 1)
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interfW ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

Shielded, self-locking, adjustable arms. 870A005 aluminum or stainless steel Swing-Arm saddle clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

870A005	M	22	A	S	K
Base P/N	870A005				
Material/Finish	See Table 1				
Shell Size	08 10 12 14 16 18 20 22 24				
Clamp Size	A Standard Clamp B Large Clamp				
Banding Adapter Slots	Omit if not required. See Figure 2. S "T" Slots in Banding Adapter for Shield Pigtailed				
Band	Omit if not required. K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp				

FIGURE 1

MATERIAL / FINISH CODE **NFS**

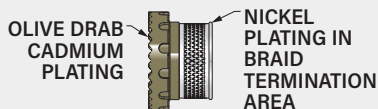
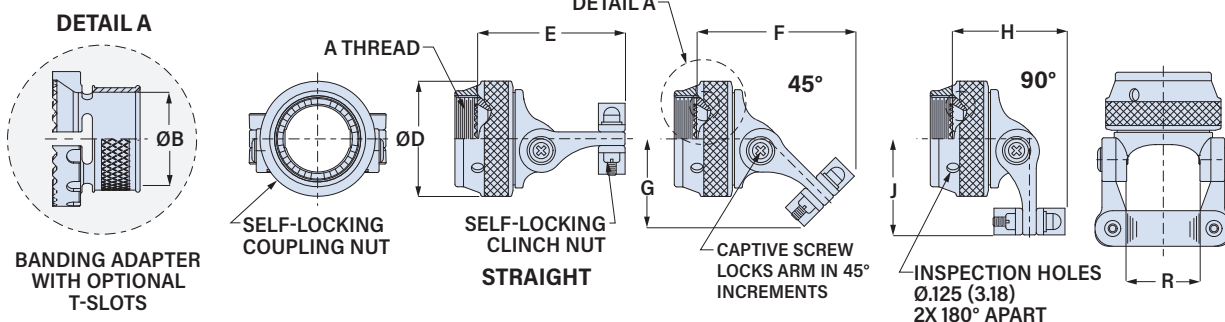


FIGURE 2

BANDING ADAPTER SLOTS



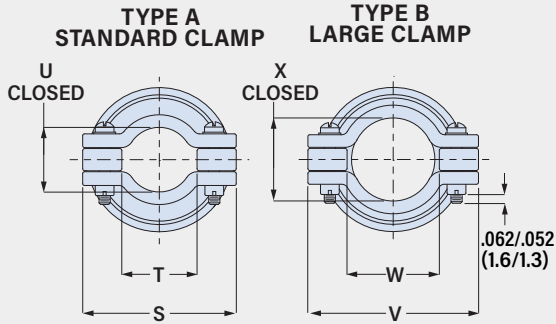
Shell Size	A Thread Class 2B	ø B Min in	mm	D Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	R Ref. in	mm
08	0.500-20 UNF	.178	4.5	.812	20.6	1.55	39.4	1.45	36.8	.77	19.6	.98	24.9	.87	22.1	.393	10.0
10	0.625-24 UNEF	.305	7.8	.938	23.8	1.61	40.9	1.56	39.6	.87	22.1	1.05	26.7	.96	24.4	.455	11.6
12	0.750-20 UNEF	.404	10.3	1.125	28.6	1.66	42.2	1.71	43.4	.97	24.6	1.22	31.0	1.03	26.2	.598	15.2
14	0.875-20 UNEF	.565	14.4	1.250	31.8	1.67	42.4	1.79	45.5	1.02	25.9	1.32	33.5	1.10	27.9	.710	18.0
16	1.000-20 UNEF	.658	16.7	1.375	34.9	1.77	45.0	1.88	47.8	1.08	27.4	1.38	35.1	1.16	29.5	.839	21.3
18	1.0625-18 UNEF	.748	19.0	1.500	38.1	1.77	45.0	1.96	49.8	1.13	28.7	1.49	37.8	1.22	31.0	.934	23.7
20	1.1875-18 UNEF	.877	22.3	1.625	41.3	1.92	48.8	2.13	54.1	1.24	31.5	1.61	40.9	1.29	32.8	1.068	27.1
22	1.3125-18 UNEF	.999	25.4	1.750	44.5	1.95	49.5	2.20	55.9	1.30	33.0	1.68	42.7	1.36	34.5	1.197	30.4
24	1.4375-18 UNEF	1.127	28.6	1.875	47.6	2.10	53.3	2.31	58.7	1.39	35.3	1.75	44.5	1.55	39.4	1.323	33.6

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Shell Size	S Max in	S Max mm	T Min in	T Min mm	U Ref. in	U Ref. mm	Shell Size	V Max in	V Max mm	W Min in	W Min mm	X Ref. in	X Ref. mm
08	.97	24.6	.22	5.6	.264	6.7	08	.98	24.9	.33	8.4	.356	9.0
10	1.03	26.2	.29	7.4	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.21	30.7	.34	8.6	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.32	33.5	.45	11.4	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.45	36.8	.55	14.0	.590	15.0	16	1.60	40.6	.80	20.3	.759	19.3
18	1.54	39.1	.65	16.5	.660	16.8	18	1.73	43.9	.90	22.9	.841	21.4
20	1.67	42.4	.74	18.8	.744	18.9	20	1.95	49.5	1.05	26.7	.996	25.3
22	1.79	45.5	.87	22.1	.826	21.0	22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.92	48.8	.99	25.1	.896	22.8	24	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Aluminum (Codes M, MT, NF, NFS TZ, ZR)
 Coupling nut, body, arms, saddles, interface ring: aluminum
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF, NFS: stainless steel/ olive drab cadmium
 Banding adapter: aluminum
 Band (optional): stainless steel/ passivated

Stainless Steel (Codes BM, BMT, Z1, ZM)
 Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
 Clinch nuts: stainless steel, silver plated
 Banding adapter:
 Code BM: brass/ electroless nickel
 Code BMT: brass/ nickel-PTFE
 Code Z1: stainless steel/ passivated
 Code ZM: stainless steel/ electroless nickel
 Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length		Max Diameter	
			in	mm	in	mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 28	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

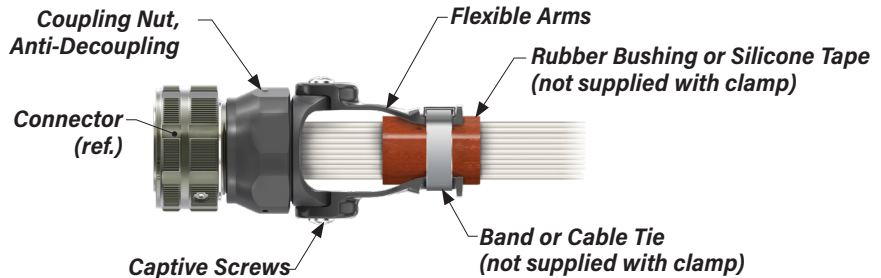
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

871A001 Swing-Arm Flex Clamp

Self-Locking



Lightweight, self-locking, flexible arms. 871A001 Swing-Arm Flex Clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Use banding strap or cable tie to secure arms to wire bundle. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Clamp and coupling nut are composite or aluminum, flex arms are PEEK. Passivated SST hardware.



Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

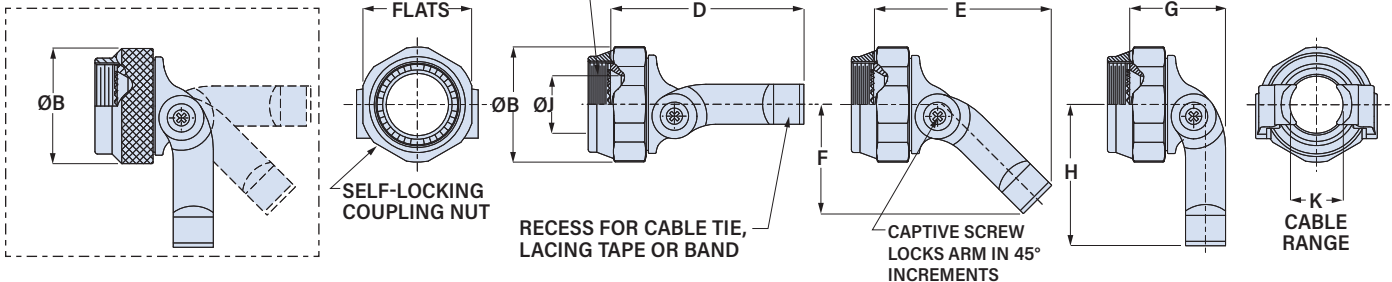
MATERIAL/FINISH

Body, coupling nut :
Code XB: polyetherimide, black
Codes M, MT, NF, TZ, ZR: aluminum alloy
Arms: PEEK, black
Hardware: stainless steel
Anti-decoupling spring: thermoplastic

PART NUMBER

	871A001	XB	12
Base P/N	871A001		
Material/Finish	<p><i>Composite</i> XB No Finish (Black) <i>Aluminum</i> M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFR TZ Tin-Zinc ZR Black Zinc-Nickel</p>	<p><i>Material/Finish Code applies to coupling nut and clamp body. Flex arms are black thermoplastic.</i></p>	
Shell Size	08 10 12 14 16 18 20 22 24		

ALUMINUM ALLOY CONFIG. ROUND KNURLED COUPLING NUT



Shell Size	A Thread Class 2B	øB Max		C Flats		D Max		E Max		F Max		G Max		H Max		øJ Min		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min		
08	0.500-20 UNF	.812	20.6	.750	19.1	1.69	42.9	1.46	37.1	.87	22.1	.85	21.6	1.12	28.4	.264	6.7	.393	10.0	.098	2.5
10	0.625-24 UNEF	.938	23.8	.875	22.2	1.69	42.9	1.46	37.1	.89	22.6	.85	21.6	1.15	29.2	.390	9.9	.455	11.6	.121	3.1
12	0.750-20 UNEF	1.125	28.6	1.000	25.4	1.97	50.0	1.77	45.0	1.10	27.9	.94	23.9	1.44	36.6	.504	12.8	.598	15.2	.157	4.0
14	0.875-20 UNEF	1.250	31.8	1.125	28.6	1.97	50.0	1.77	45.0	1.32	33.5	.94	23.9	1.50	38.1	.630	16.0	.710	18.0	.210	5.3
16	1.000-20 UNEF	1.375	34.9	1.250	31.8	2.18	55.4	2.02	51.3	1.28	32.5	1.10	27.9	1.68	42.7	.756	19.2	.839	21.3	.246	6.2
18	1.0625-18 UNEF	1.500	38.1	1.375	34.9	2.18	55.4	2.02	51.3	1.35	34.3	1.10	27.9	1.74	44.2	.843	21.4	.934	23.7	.277	7.0
20	1.1875-18 UNEF	1.625	41.3	1.500	38.1	2.64	67.1	2.43	61.7	1.63	41.4	1.26	32.0	2.12	53.8	.969	24.6	1.068	27.1	.313	8.0
22	1.3125-18 UNEF	1.750	44.5	1.625	41.3	2.64	67.1	2.43	61.7	1.67	42.4	1.26	32.0	2.16	54.9	1.091	27.7	1.197	30.4	.349	8.9
24	1.4375-18 UNEF	1.875	47.6	1.750	44.5	2.85	72.4	2.65	67.3	1.84	46.7	1.35	34.3	2.41	61.2	1.217	30.9	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

871A002 Swing-Arm Flex Clamp with Braid Sock, Composite

Self-Locking

Shielded. Lightweight. Self-locking. Adjustable arms. 871A002 Swing-Arm Flex Clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant high performance thermoplastic meets AS85049 requirements. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

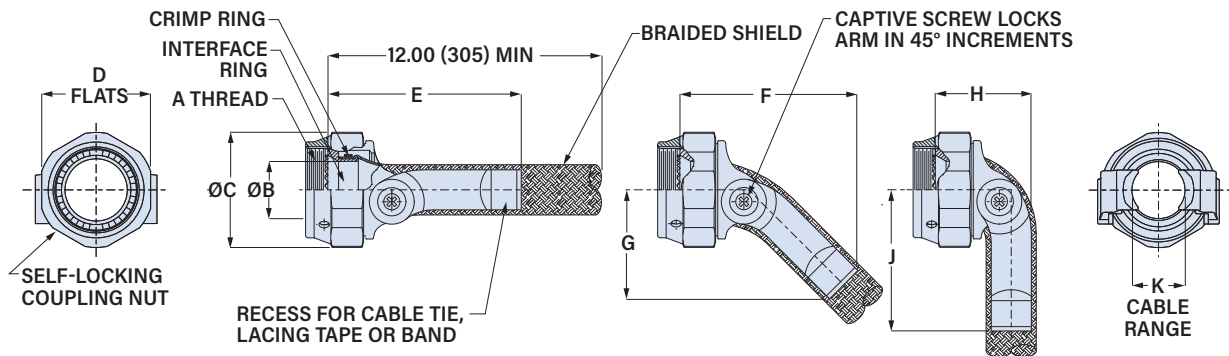
TABLE 1

INTERFACE RING MATERIAL/ FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

871A002	BM	22	N	J	14
Base P/N	871A002				
Interface Ring Material/Finish	See Table 1				
Shell Size	08 10 12 14 16 18 20 22 24				
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L ArmorLite® Microfilament Nickel/SST Braid				
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band				
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.				



Shell Size	A Thread Class 2B	ø B Min		ø C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.264	6.7	.812	20.6	.750	19.1	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
10	0.625-24 UNEF	.365	9.3	.938	23.8	.875	22.2	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12	0.750-20 UNEF	.498	12.6	1.125	28.6	1.000	25.4	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14	0.875-20 UNEF	.575	14.6	1.250	31.8	1.125	28.6	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
16	1.000-20 UNEF	.700	17.8	1.375	34.9	1.250	31.8	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
18	1.0625-18 UNEF	.779	19.8	1.500	38.1	1.375	34.9	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
20	1.1875-18 UNEF	.904	23.0	1.625	41.3	1.500	38.1	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
22	1.3125-18 UNEF	1.029	26.1	1.750	44.5	1.625	41.3	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9
24	1.4375-18 UNEF	1.144	29.1	1.875	47.6	1.750	44.5	2.93	74.4	2.73	69.3	1.81	46.0	1.42	36.1	2.38	60.5	1.323	33.6	.380	9.7

Swing-Arm® Clamps

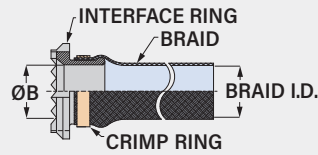
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

871A002 Swing-Arm Flex Clamp with Braid Sock, Composite

MATERIAL/FINISH

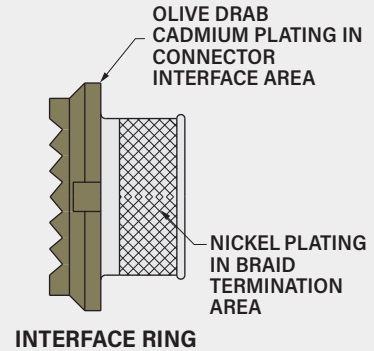
- Coupling nut, body: polyetherimide (PEI)/unplated, black
- Flex arms: PEEK (PEI)/unplated, black
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- interface ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID

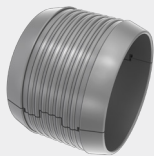


Shell Size	Ø B Min		Braid I.D.	
	in	mm	in	mm
08	.264	6.7	.375	9.5
10	.365	9.3	.375	9.5
12	.498	12.6	.500	12.7
14	.575	14.6	.500	12.7
16	.700	17.8	.781	19.8
18	.779	19.8	.781	19.8
20	.904	23.0	1.000	25.4
22	1.029	26.1	1.000	25.4
24	1.144	29.1	1.250	31.8

FIGURE 1
NF AND BN SELECTIVE FINISH



SPLICE RING AND BAND (K AND J OPTIONS)



Splice Ring



Pre-Coiled Band

Optional split ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Precoiled Band Part Number	
	Standard	Slim Standard
All	601-041	601-573

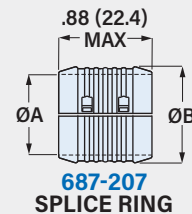


Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109

Shell Size	Splice Ring Part Number	ØA		ØB	
		± .03 (0.8) in	mm	± .03 (0.8) in	mm
08	687-207XB04	.25	6.4	.40	10.2
10	687-207XB06	.38	9.7	.53	13.5
12	687-207XB08	.50	12.7	.65	16.5
14	687-207XB10	.63	16.0	.78	19.8
16	687-207XB12	.75	19.1	.90	22.9
18	687-207XB14	.88	22.4	1.03	26.2
20	687-207XB16	1.00	25.4	1.15	29.2
22	687-207XB18	1.13	28.7	1.28	32.5
24	687-207XB20	1.25	31.8	1.40	35.6



Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

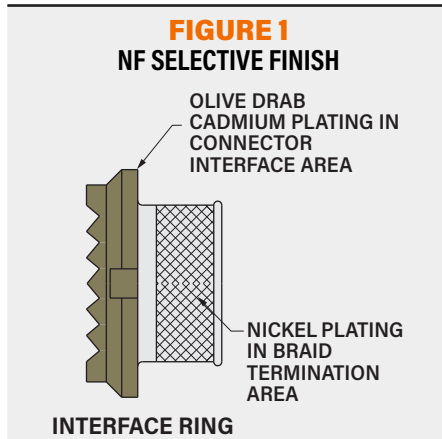
871A003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

Self-Locking



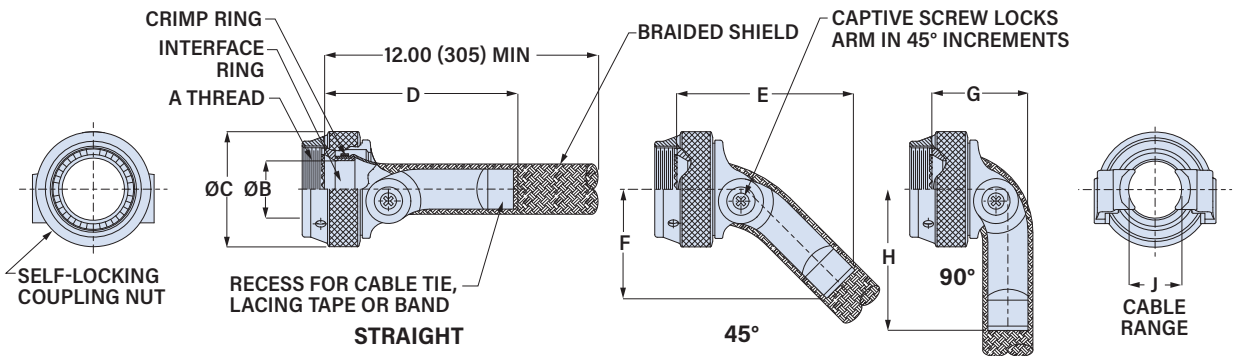
Shielded. Lightweight. Self-locking. Adjustable arms. 871A003 Swing-Arm Flex Clamp has aluminum coupling nut and body with thermoplastic flex arms. Fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III



PART NUMBER

	871A003	BM	22	N	J	14
Base P/N	871A003					
Material/Finish	M Electroless Nickel NF O. D. Cadmium, Selective (Figure 1) MT Nickel-PTFE TZ Tin-Zinc ZR Black Zinc-Nickel					
Shell Size	08 10 12 14 16 18 20 22 24					
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L ArmorLite® Microfilament Nickel/SST Braid					
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band					
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.					



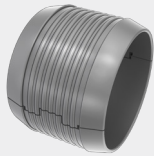
Shell Size	A Thread Class 2B	ø B Min		ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min		
08	0.500-20 UNF	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
10	0.625-24 UNEF	.365	9.3	.938	23.8	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12	0.750-20 UNEF	.498	12.6	1.125	28.6	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14	0.875-20 UNEF	.575	14.6	1.250	31.8	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
16	1.000-20 UNEF	.700	17.8	1.375	34.9	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
18	1.0625-18 UNEF	.779	19.8	1.500	38.1	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
20	1.1875-18 UNEF	.904	23.0	1.625	41.3	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
22	1.3125-18 UNEF	1.029	26.1	1.750	44.5	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9
24	1.4375-18 UNEF	1.144	29.1	1.875	47.6	2.93	74.4	2.73	69.3	1.81	46.0	1.42	36.1	2.38	60.5	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

871A003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

SPLICE RING AND BAND (K AND J OPTIONS)



Splice Ring



Pre-Coiled Band

Optional split ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter than standard band with no reduction in strength.

Shell Size	Precoiled Band Part Number	
	Standard	Slim Standard
All	601-041	601-573

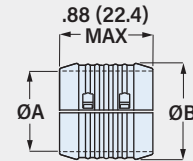


Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109

Shell Size	Splice Ring Part Number	øA		øB	
		± .03 (0.8) in	mm	± .03 (0.8) in	mm
08	687-207XB04	.25	6.4	.40	10.2
10	687-207XB06	.38	9.7	.53	13.5
12	687-207XB08	.50	12.7	.65	16.5
14	687-207XB10	.63	16.0	.78	19.8
16	687-207XB12	.75	19.1	.90	22.9
18	687-207XB14	.88	22.4	1.03	26.2
20	687-207XB16	1.00	25.4	1.15	29.2
22	687-207XB18	1.13	28.7	1.28	32.5
24	687-207XB20	1.25	31.8	1.40	35.6



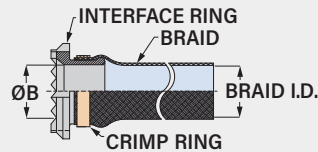
687-207
SPLICE RING

MATERIAL/FINISH

Coupling nut, body: aluminum
 Flex arms: PEEK (PEI)/unplated, black
 Screws, washers, inserts: stainless steel/passivated
 Anti-decoupling spring: thermoplastic
 Interface Ring: aluminum
 Crimp ring: copper alloy/tin
 Splice ring (optional): thermoplastic
 Band (optional): stainless steel/passivated
 Braid:

Code N: 34 AWG nickel-coated copper
 Code T: 34 AWG tin-coated copper,
 Code A: **AmberStrand**® ultralightweight nickel-coated polymer
 Code L: **ArmorLite**® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	ø B Min		Braid I.D.	
	in	mm	in	mm
08	.264	6.7	.375	9.5
10	.365	9.3	.375	9.5
12	.498	12.6	.500	12.7
14	.575	14.6	.500	12.7
16	.700	17.8	.781	19.8
18	.779	19.8	.781	19.8
20	.904	23.0	1.000	25.4
22	1.029	26.1	1.000	25.4
24	1.144	29.1	1.250	31.8

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

871A004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

Self-Locking

Shielded, self-locking, adjustable arms. 870A004 Swing-Arm Flex Clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.



PART NUMBER

871A004	M	22	S	K
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Adapter Code **A**

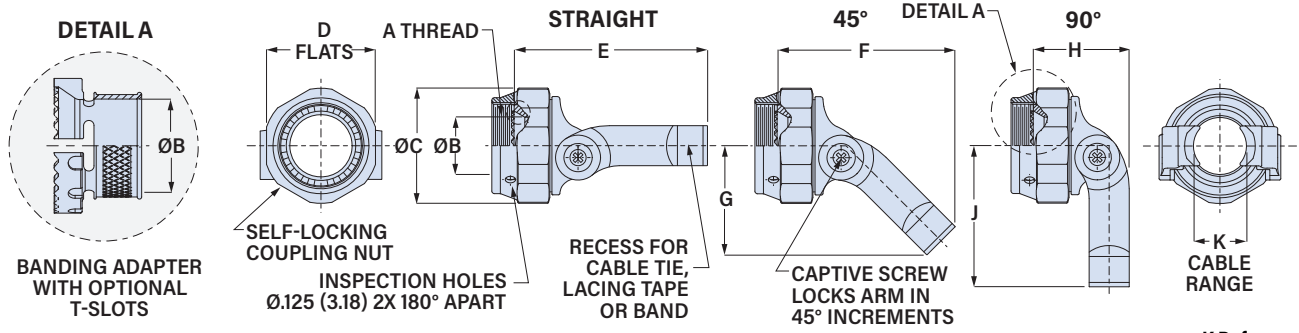
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

FIGURE 1
FINISH CODES *NFS, BNS*

FIGURE 2
BANDING ADAPTER SLOTS

Route pigtail shield braids into optional "T" slots in banding adapter.

Base P/N	871A004
Banding Adapter Material/Finish	<ul style="list-style-type: none"> M Alum/Electroless Nickel NF Alum/Olive Drab Cadmium NFS Alum/O.D. Cadmium, selective (fig. 1) MT Alum/Nickel-PTFE TZ Alum/Tin-Zinc BM Brass/Electroless Nickel BN Brass/Olive Drab Cadmium BNS Brass/O.D. Cadmium, selective (fig. 1) BMT Brass/Nickel-PTFE
Shell Size	08 10 12 14 16 18 20 22 24
Banding Adapter Slots	<p><i>Omit if not required. See Figure 2</i></p> <p>S "T" Slots in Banding Adapter for Shield Pigtailed</p>
Band	<p><i>Omit if not required.</i></p> <p>K Pre-Coiled Micro Band included With Clamp</p> <p>J Pre-Coiled Slim Micro Band included With Clamp</p>



Shell Size	A Thread Class 2B	ø B Min		ø C Max		D Flats		E Max		F Max		G Max		H Max		J Max		Max		Min	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.57	39.9	.87	22.1	.96	24.4	1.12	28.4	.393	10.0	.098	2.5
10	0.625-24 UNEF	.305	7.8	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.96	24.4	1.15	29.2	.455	11.6	.121	3.1
12	0.750-20 UNEF	.404	10.3	1.125	28.6	1.000	25.4	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14	0.875-20 UNEF	.565	14.4	1.250	31.8	1.125	28.6	2.08	52.8	1.88	47.8	1.16	29.5	1.32	33.5	1.50	38.1	.710	18.0	.210	5.3
16	1.000-20 UNEF	.658	16.7	1.375	34.9	1.250	31.8	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
18	1.0625-18 UNEF	.748	19.0	1.500	38.1	1.375	34.9	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.81	46.0	.934	23.7	.277	7.0
20	1.1875-18 UNEF	.877	22.3	1.625	41.3	1.500	38.1	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
22	1.3125-18 UNEF	.999	25.4	1.750	44.5	1.625	41.3	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9
24	1.4375-18 UNEF	1.127	28.6	1.875	47.6	1.750	44.5	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6	.380	9.7



Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

871A004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

MATERIAL/FINISH

Coupling nut, body, arms: thermoplastic, black
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 interface ring: aluminum alloy or brass
 Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Band



Micro Band Tool
601-101



Slim Micro Band Tool
601-122

Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 28	601-065	601-603	14.25	362	1.88	47.8



Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

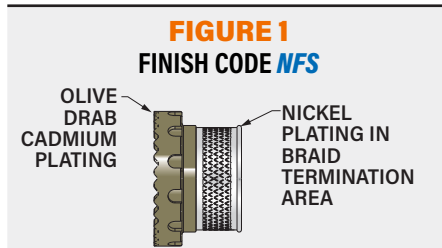
871A005 Swing-Arm Flex Clamp, EMI Banding Adapter, Aluminum

Self-Locking

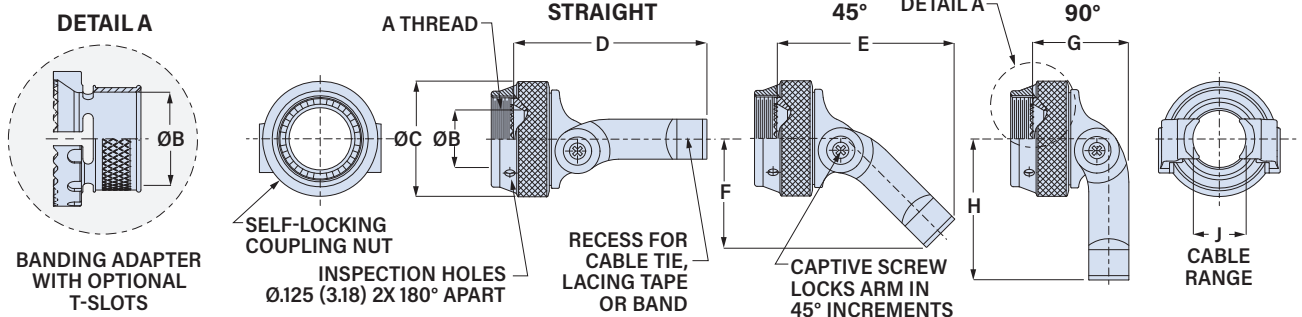


Shielded, self-locking, adjustable arms. 871A005 Swing-Arm Flex Clamp has aluminum coupling nut and body with high strength thermoplastic flex arms. Fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III



PART NUMBER	871A005	M	22	S	K
Base P/N	871A005				
Material/Finish	M Alum/Electroless Nickel NF Alum/Olive Drab Cadmium NFS Alum/O.D. Cadmium, selective (fig. 1) MT Alum/Nickel-PTFE TZ Alum/Tin-Zinc				
Shell Size	08 10 12 14 16 18 20 22 24				
Banding Adapter Slots	<i>Omit if not required. See Detail A.</i> S "T" Slots in Banding Adapter for Shield Pigtails				
Band	<i>Omit if not required.</i> K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp				



Shell Size	A Thread Class 2B	ø B		ø C		D		E		F		G		H		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
08	0.500-20 UNF	.178	4.5	.812	20.6	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
10	0.625-24 UNEF	.305	7.8	.938	23.8	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
12	0.750-20 UNEF	.404	10.3	1.125	28.6	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14	0.875-20 UNEF	.565	14.4	1.250	31.8	2.08	52.8	1.88	47.8	1.16	29.5	1.05	26.7	1.50	38.1	.710	18.0	.210	5.3
16	1.000-20 UNEF	.658	16.7	1.375	34.9	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
18	1.0625-18 UNEF	.748	19.0	1.500	38.1	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.74	44.2	.934	23.7	.277	7.0
20	1.1875-18 UNEF	.877	22.3	1.625	41.3	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
22	1.3125-18 UNEF	.999	25.4	1.750	44.5	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9
24	1.4375-18 UNEF	1.127	28.6	1.875	47.6	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6	.380	9.7

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



MATERIAL/FINISH

Coupling nut, body, interface ring: aluminum
Flex arms: high-strength thermoplastic
Screws, washers, inserts: sst/passivated
Anti-decoupling springs: thermoplastic
Band (optional): stainless steel/ passivated

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F001 Swing-Arm Saddle Clamp

Self-Locking



Self-locking, adjustable arms. 870F001 Swing-Arm saddle clamp fits MIL-DTL-38999 Series I and II connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threaded inserts to withstand high vibration. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Available in composite, aluminum or stainless steel.

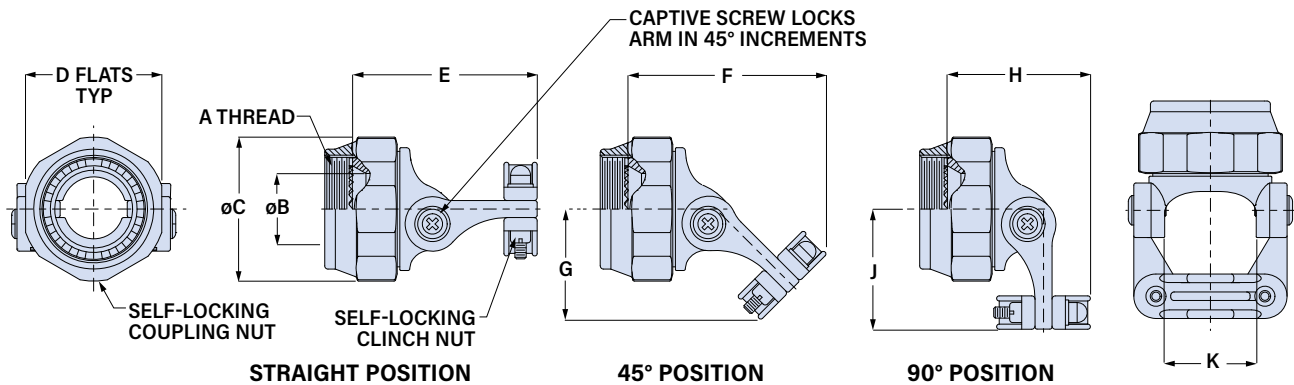
Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

ALUMINUM AND SST VERSIONS

Aluminum and stainless steel versions have round knurled coupling nuts.

PART NUMBER		870F001	XB	22	B					
Base P/N	870F001									
Material/Finish	Composite									
	XB	No Finish (Black)								
	Aluminum									
	M	Electroless Nickel								
	NF	Olive Drab Cadmium								
	MT	Nickel-PTFR								
	TZ	Tin-Zinc								
Stainless Steel	ZR	Black Zinc-Nickel								
	ZI	Passivated								
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Clamp Size	A	Standard Clamp								
	B	Large Clamp								



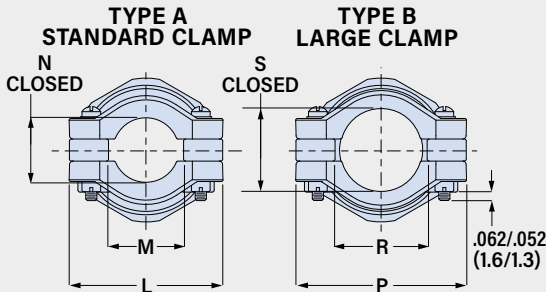
Shell Size	A Thread	øB Min		C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm				
8/9	0.4375-28	.264	6.7	.812	20.6	.750	19.1	1.43	36.3	1.35	34.3	.78	19.8	.91	23.1	.87	22.1	.393	10.0
10/11	0.5625-24	.392	10.0	.938	23.8	.875	22.2	1.50	38.1	1.45	36.8	.87	22.1	.94	23.9	.96	24.4	.455	11.6
12/13	0.6875-24	.506	12.9	1.125	28.6	1.000	25.4	1.56	39.6	1.60	40.6	.97	24.6	1.12	28.4	1.03	26.2	.598	15.2
14/15	0.8125-20	.631	16.0	1.250	31.8	1.125	28.6	1.57	39.9	1.68	42.7	1.02	25.9	1.21	30.7	1.10	27.9	.710	18.0
16/17	0.9375-20	.756	19.2	1.375	34.9	1.250	31.8	1.66	42.2	1.78	45.2	1.09	27.7	1.29	32.8	1.16	29.5	.839	21.3
18/19	1.0625-18	.844	21.4	1.500	38.1	1.375	34.9	1.66	42.2	1.86	47.2	1.14	29.0	1.39	35.3	1.22	31.0	.934	23.7
20/21	1.1875-18	.970	24.6	1.625	41.3	1.500	38.1	1.81	46.0	2.02	51.3	1.24	31.5	1.50	38.1	1.29	32.8	1.068	27.1
22/23	1.3125-18	1.094	27.8	1.750	44.5	1.625	41.3	1.84	46.7	2.09	53.1	1.30	33.0	1.57	39.9	1.36	34.5	1.197	30.4
24/25	1.4375-18	1.219	31.0	1.875	47.6	1.750	44.5	2.00	50.8	2.20	55.9	1.45	36.8	1.64	41.7	1.55	39.4	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F001 Swing-Arm Saddle Clamp

CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Shell Size	L Max	M Min	N Ref.		Shell Size	P Max	R Min	S Ref.					
	in	mm	in	mm		in	mm	in	mm				
08	.98	24.9	.22	5.6	.265	6.7	08	.98	24.9	.33	8.4	.356	9.0
10	1.05	26.7	.27	6.9	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.20	30.5	.35	8.9	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.30	33.0	.47	11.9	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.44	36.6	.55	14.0	.590	15.0	16	1.60	40.6	.80	20.3	.759	19.3
18	1.56	39.6	.62	15.7	.660	16.8	18	1.73	43.9	.90	22.9	.841	21.4
20	1.69	42.9	.70	17.8	.744	18.9	20	1.95	49.5	1.05	26.7	.996	25.3
22	1.77	45.0	.78	19.8	.826	21.0	22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.89	48.0	.85	21.6	.896	22.8	24	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Composite (Code XB)

Coupling nut, body, arms, saddles:
polyetherimide (PEI), unplated

Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: stainless steel, silver plated

Aluminum (Codes M, MT, NF, TZ, ZR)

Coupling nut, body, arms, saddles: aluminum
Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: Codes M, MT, TZ and ZR:
stainless steel, silver plated.

Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Code Z1)

Coupling nut, body, arms, saddles: SST
Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: stainless steel
Clinch Nuts: stainless steel, silver plated

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F002 Swing-Arm Saddle Clamp, Braid Sock, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870F002 composite Swing-Arm saddle clamp fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant glass-reinforced thermoplastic meets AS85049 requirements. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

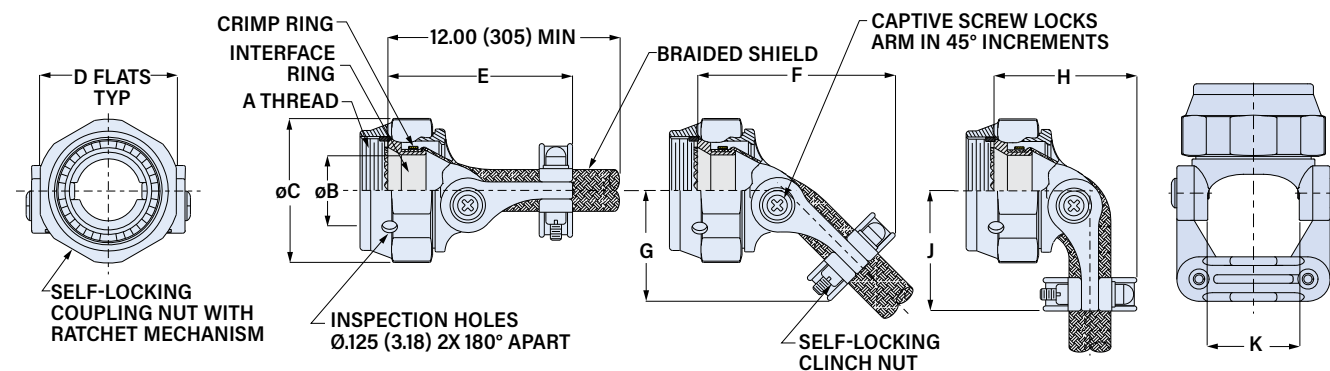
Adapter Code F
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

TABLE 1
INTERFACE RING MATERIAL / FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

Base P/N	870F002	BM	22	A	N	J	14																																																															
Interface Ring Material/Finish	See Table 1																																																																					
Shell Size	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="10">Shell Size</th> </tr> <tr> <th>38999 Series I</th> <th></th> <th>9</th> <th>11</th> <th>13</th> <th>15</th> <th>17</th> <th>19</th> <th>21</th> <th>23</th> <th>25</th> <th colspan="2"></th> </tr> <tr> <th>38999 Series II</th> <th></th> <th>8</th> <th>10</th> <th>12</th> <th>14</th> <th>16</th> <th>18</th> <th>20</th> <th>22</th> <th>24</th> <th colspan="2"></th> </tr> <tr> <th colspan="2"></th> <th colspan="10">Size Code</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> <td colspan="2"></td> </tr> </tbody> </table>									Shell Size										38999 Series I		9	11	13	15	17	19	21	23	25			38999 Series II		8	10	12	14	16	18	20	22	24					Size Code												08	10	12	14	16	18	20	22	24		
		Shell Size																																																																				
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		Size Code																																																																				
		08	10	12	14	16	18	20	22	24																																																												
Clamp Size	See Clamp Dimensions on next page																																																																					
	A	Standard Clamp																																																																				
	B	Large Clamp																																																																				
Braid Type	N	34 AWG Nickel/Copper Braid																																																																				
	T	34 AWG Tin/Copper Braid																																																																				
	A	AmberStrand® Nickel/Composite Braid																																																																				
	L	Microfilament ArmorLite® Nickel/SST Braid																																																																				
Splice Ring and Band	Omit if not required																																																																					
	K	Splice ring and standard band																																																																				
	J	Splice ring and slim standard band																																																																				
Braid Length	Omit for standard 12 inch length																																																																					
	14	Length in 1 inch increments, 6 inch min "14" = 14 inches.																																																																				



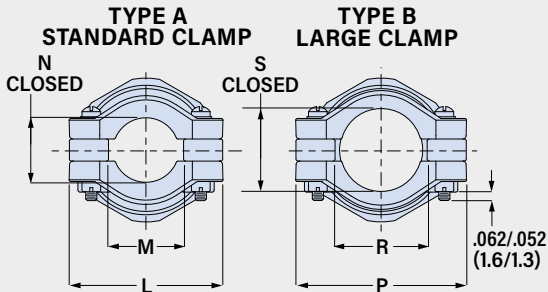
Shell Size	A Thread UNEF-2B	ø B Min in	mm	ø C Max in	mm	D Flats in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
8/9	0.4375-28	.264	6.7	.812	20.6	.750	19.1	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
10/11	0.5625-24	.392	10.0	.938	23.8	.875	22.2	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
12/13	0.6875-24	.506	12.9	1.125	28.6	1.000	25.4	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
14/15	0.8125-20	.631	16.0	1.250	31.8	1.125	28.6	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
16/17	0.9375-20	.756	19.2	1.375	34.9	1.250	31.8	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
18/19	1.0625-18	.844	21.4	1.500	38.1	1.375	34.9	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
20/21	1.1875-18	.970	24.6	1.625	41.3	1.500	38.1	1.88	47.8	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1
22/23	1.3125-18	1.094	27.8	1.750	44.5	1.625	41.3	1.91	48.5	2.15	54.6	1.27	32.3	1.63	41.4	1.33	33.8	1.197	30.4
24/25	1.4375-18	1.219	31.0	1.875	47.6	1.750	44.5	1.94	49.3	2.23	56.6	1.33	33.8	1.70	43.2	1.40	35.6	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F002 Swing-Arm Saddle Clamp, Braid Sock, Composite

CLAMP DIMENSIONS

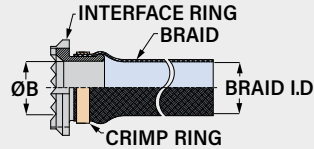


Standard Clamp								Large Clamp							
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in	N Ref. mm		Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in	S Ref. mm	
08	.98	24.9	.22	5.6	.265	6.7		08	.98	24.9	.33	8.4	.356	9.0	
10	1.05	26.7	.27	6.9	.310	7.9		10	1.20	30.5	.45	11.4	.422	10.7	
12	1.20	30.5	.35	8.9	.422	10.7		12	1.45	36.8	.62	15.7	.637	16.2	
14	1.30	33.0	.47	11.9	.538	13.7		14	1.54	39.1	.68	17.3	.707	18.0	
16	1.44	36.6	.55	14.0	.590	15.0		16	1.60	40.6	.80	20.3	.759	19.3	
18	1.56	39.6	.62	15.7	.660	16.8		18	1.73	43.9	.90	22.9	.841	21.4	
20	1.69	42.9	.70	17.8	.744	18.9		20	1.95	49.5	1.05	26.7	.996	25.3	
22	1.77	45.0	.78	19.8	.826	21.0		22	2.08	52.8	1.18	30.0	1.060	26.9	
24	1.89	48.0	.85	21.6	.896	22.8		24	2.32	58.9	1.30	33.0	1.124	28.5	

MATERIAL/FINISH

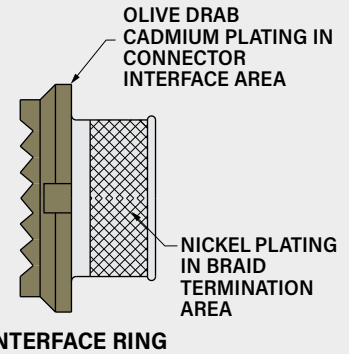
- Coupling nut, body, arms, saddles: polyetherimide (PEI)/unplated
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- interface Ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Clinch Nuts: stainless steel/silver
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	Ø B Min in	Ø B Min mm	Braid I.D. in	Braid I.D. mm
08	.264	6.7	.375	9.5
10	.392	10.0	.375	9.5
12	.506	12.9	.500	12.7
14	.631	16.0	.500	12.7
16	.756	19.2	.781	19.8
18	.844	21.4	.781	19.8
20	.970	24.6	1.000	25.4
22	1.094	27.8	1.000	25.4
24	1.219	31.0	1.250	31.8

FIGURE 1 NF AND BN SELECTIVE FINISH



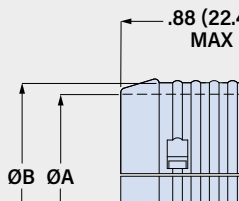
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Band Part Number		Splice Ring Part Number	ØA		ØB	
	Standard	Slim Standard		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
16	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
18	601-041	601-571	687-207XB14	.88	22.4	1.03	26.2
20	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
22	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5
24	601-041	601-573	687-207XB20	1.25	31.8	1.40	35.6



Banding Tool for Standard Band 601-100



Banding Tool for Slim Standard Band 601-109



Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

Self-Locking



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

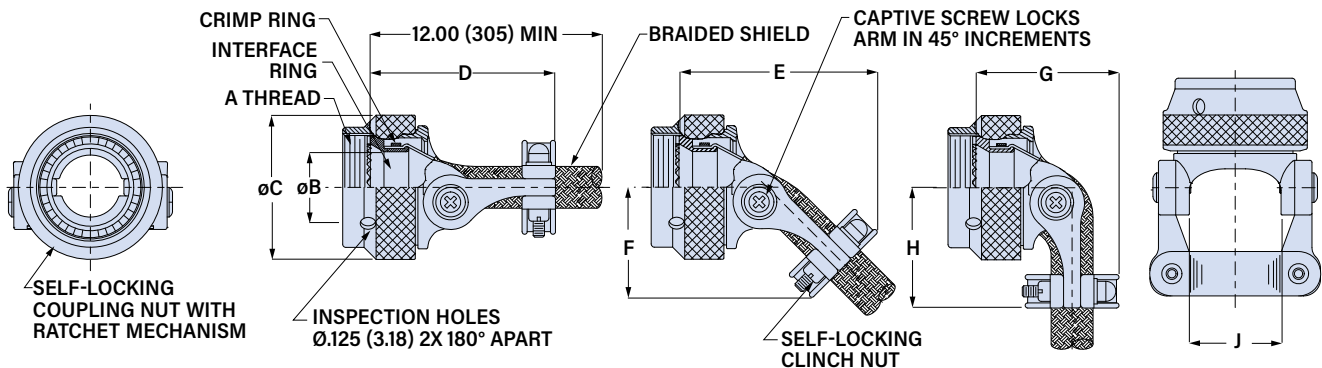
TABLE 1 MATERIAL / FINISH

Aluminum	
M	Electroless nickel
NF	Olive drab cadmium, selective (fig. 1)
MT	Nickel-PTFE
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

Shielded, self-locking, adjustable arms. 870F003 stainless steel or aluminum Swing-Arm saddle clamp fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

870F003	M	12	B	L	K	14				
Base P/N	870F003									
Material/Finish	See Table 1									
Shell Size	Shell Size									
	38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24
	Size Code	08	10	12	14	16	18	20	22	24
Clamp Size	See Clamp Dimensions on next page									
	A	Standard Clamp								
	B	Large Clamp								
Braid Type	N	34 AWG Nickel/Copper Braid								
	T	34 AWG Tin/Copper Braid								
	A	AmberStrand® Nickel/Composite Braid								
	L	Microfilament ArmorLite® Nickel/SST Braid								
Splice Ring and Band	Omit if not required. See "Splice Ring and Band" on next page.									
	K	Splice ring and standard band								
	J	Splice ring and slim standard band								
Braid Length	Omit for standard 12 inch length									
	14	Length in 1 inch increments, 6 inch min "14" = 14 inches.								



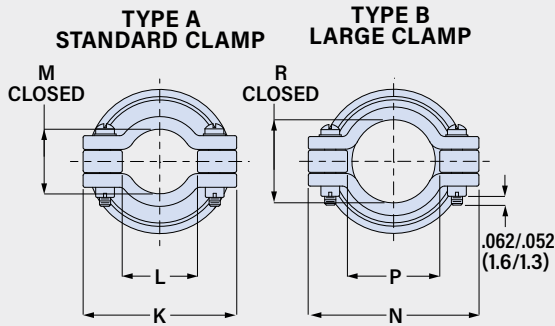
Shell Size	A Thread	Ø B Min	Ø C Max	D Max	E Max	F Max	G Max	H Max	J Ref.
	UNE-F-2B	in	mm	in	mm	in	mm	in	mm
8/9	0.4375-28	.264	6.7	.812	20.6	1.50	38.1	1.43	36.3
10/11	0.5625-24	.392	10.0	.938	23.8	1.54	39.1	1.49	37.8
12/13	0.6875-24	.506	12.9	1.125	28.6	1.62	41.1	1.64	41.7
14/15	0.8125-20	.631	16.0	1.250	31.8	1.63	41.4	1.73	43.9
16/17	0.9375-20	.756	19.2	1.375	34.9	1.73	43.9	1.86	47.2
18/19	1.0625-18	.844	21.4	1.500	38.1	1.73	43.9	1.93	49.0
20/21	1.1875-18	.970	24.6	1.625	41.3	1.88	47.8	2.08	52.8
22/23	1.3125-18	1.094	27.8	1.750	44.5	1.91	48.5	2.15	54.6
24/25	1.4375-18	1.219	31.0	1.875	47.6	1.94	49.3	2.23	56.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

CLAMP DIMENSIONS



Standard Clamp					
Shell Size	K Max	L Min	M Ref.		
	in	mm	in	mm	
08	.98	24.9	.22	5.6	.265 6.7
10	1.05	26.7	.27	6.9	.310 7.9
12	1.20	30.5	.35	8.9	.422 10.7
14	1.30	33.0	.47	11.9	.538 13.7
16	1.44	36.6	.55	14.0	.590 15.0
18	1.56	39.6	.62	15.7	.660 16.8
20	1.69	42.9	.70	17.8	.744 18.9
22	1.77	45.0	.78	19.8	.826 21.0
24	1.89	48.0	.85	21.6	.896 22.8

Large Clamp					
Shell Size	N Max	P Min	R Ref.		
	in	mm	in	mm	
08	.98	24.9	.33	8.4	.356 9.0
10	1.20	30.5	.45	11.4	.422 10.7
12	1.45	36.8	.62	15.7	.637 16.2
14	1.54	39.1	.68	17.3	.707 18.0
16	1.60	40.6	.80	20.3	.759 19.3
18	1.73	43.9	.90	22.9	.841 21.4
20	1.95	49.5	1.05	26.7	.996 25.3
22	2.08	52.8	1.18	30.0	1.060 26.9
24	2.32	58.9	1.30	33.0	1.124 28.5

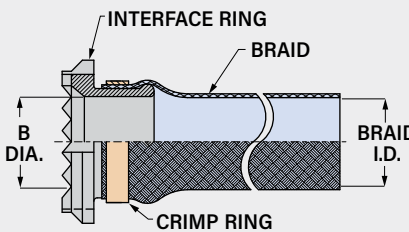
MATERIAL/FINISH

Aluminum (Codes M, MT, NF, TZ, ZR)
Coupling nut, body, arms, saddles, interface ring: aluminum
Crimp Ring: copper alloy/ tin plated
Screws, washers, inserts: stainless steel/ passivated
Anti-decoupling spring: thermoplastic
Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Codes BM, BMT, Z1, ZM)
Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
Crimp Ring: copper alloy/ tin plated
Clinch nuts: stainless steel, silver plated
interface ring: brass (codes BM, BMT) or stainless steel (Z1, ZM)

Braid:
Code N: 34 AWG nickel-coated copper
Code T: 34 AWG tin-coated copper,
Code A: *AmberStrand*® ultralightweight nickel-coated polymer
Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	ø B Min	Braid I.D.		
	in	mm	in	mm
08	.264	6.7	.375	9.5
10	.392	10.0	.375	9.5
12	.506	12.9	.500	12.7
14	.631	16.0	.500	12.7
16	.756	19.2	.781	19.8
18	.844	21.4	.781	19.8
20	.970	24.6	1.000	25.4
22	1.094	27.8	1.000	25.4
24	1.219	31.0	1.250	31.8

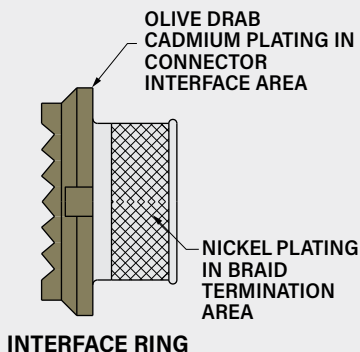
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid sock to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool. *Slim Standard Band* is 50% lighter weight than standard band with no reduction in strength.



Shell Size	Band Part Number		Split Ring Part Number	øA		øB	
	Standard	Slim Standard		± .03 (0.8)	± .03 (0.8)	in	mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
16	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
18	601-041	601-572	687-207XB14	.88	22.4	1.03	26.2
20	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
22	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5
24	601-041	601-573	687-207XB20	1.25	31.8	1.40	35.6

FIGURE 1
NF SELECTIVE FINISH



Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870F004 Swing-Arm saddle clamp fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

FIGURE 1
FINISH CODES **NFS, BNS**

OLIVE DRAB CADMIUM PLATING

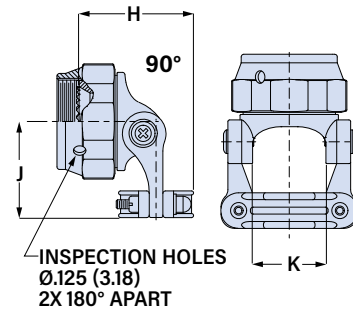
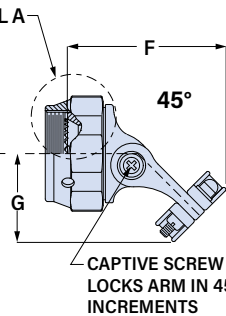
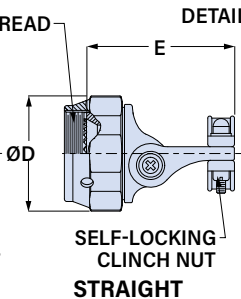
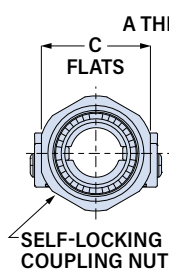
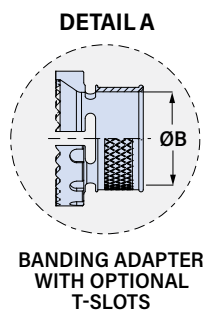
NICKEL PLATING IN BRAID TERMINATION AREA

FIGURE 2
BANDING ADAPTER SLOTS

Route pigtail shield braids into optional "T" slots in banding adapter.

PART NUMBER

		870F004	M	22	A	S	K				
Base P/N	870F004										
Banding Adapter Material/Finish	M	Alum/Electroless Nickel									
	NF	Alum/Olive Drab Cadmium									
	NFS	Alum/O.D. Cadmium, selective (fig. 1)									
	MT	Alum/Nickel-PTFE									
	TZ	Alum/Tin-Zinc									
	BM	Brass/Electroless Nickel									
	BN	Brass/Olive Drab Cadmium									
Shell Size		Shell Size									
		38999 Series I	9	11	13	15	17	19	21	23	25
	38999 Series II	8	10	12	14	16	18	20	22	24	
		Size Code	08	10	12	14	16	18	20	22	24
Clamp Size	A	Standard Clamp									
	B	Large Clamp									
Banding Adapter Slots	Omit if not required. See Figure 2.										
	S	"T" Slots in Banding Adapter for Shield Pigtailed									
Band	Omit if not required.										
	K	Pre-Coiled Micro Band included With Clamp									
	J	Pre-Coiled Slim Micro Band included With Clamp									



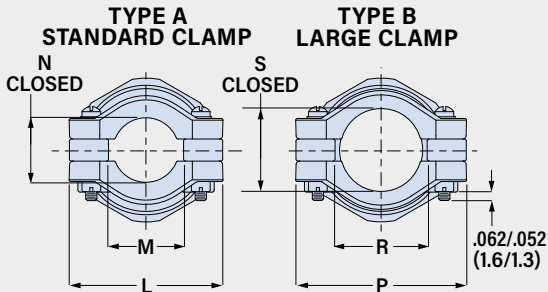
Shell Size	A Thread UNEF-2B	ø B Min in	mm	C Flats in	mm	D Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
8/9	0.4375-28	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
10/11	0.5625-24	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
12/13	0.6875-24	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
14/15	0.8125-20	.526	13.4	1.125	28.6	1.250	31.8	1.67	42.4	1.76	44.7	1.00	25.4	1.28	32.5	1.10	27.9	.710	18.0
16/17	0.9375-20	.631	16.0	1.250	31.8	1.375	34.9	1.77	45.0	1.89	48.0	1.09	27.7	1.40	35.6	1.16	29.5	.839	21.3
18/19	1.0625-18	.748	19.0	1.375	34.9	1.500	38.1	1.77	45.0	1.96	49.8	1.14	29.0	1.50	38.1	1.22	31.0	.934	23.7
20/21	1.1875-18	.877	22.3	1.500	38.1	1.625	41.3	1.92	48.8	2.11	53.6	1.22	31.0	1.57	39.9	1.29	32.8	1.068	27.1
22/23	1.3125-18	.999	25.4	1.625	41.3	1.750	44.5	1.95	49.5	2.18	55.4	1.28	32.5	1.67	42.4	1.36	34.5	1.197	30.4
24/25	1.4375-18	1.127	28.6	1.750	44.5	1.875	47.6	1.98	50.3	2.25	57.2	1.34	34.0	1.73	43.9	1.43	36.3	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Shell Size	L Max in	M Min in	N Ref. in	N Ref. mm	Shell Size	P Max in	R Min in	S Ref. in	S Ref. mm				
08	.97	24.6	.22	5.6	.264	6.7	08	.98	24.9	.33	8.4	.356	9.0
10	1.03	26.2	.29	7.4	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.21	30.7	.34	8.6	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.32	33.5	.45	11.4	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.45	36.8	.55	14.0	.590	15.0	16	1.60	40.6	.80	20.3	.759	19.3
18	1.54	39.1	.65	16.5	.660	16.8	18	1.73	43.9	.90	22.9	.841	21.4
20	1.67	42.4	.74	18.8	.744	18.9	20	1.95	49.5	1.05	26.7	.996	25.3
22	1.79	45.5	.87	22.1	.826	21.0	22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.92	48.8	.99	25.1	.896	22.8	24	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

- Coupling nut, body, arms, saddles: polyetherimide (PEI)/ unplated black
- Screws, washers, inserts: stainless steel/ passivated
- Anti-decoupling springs: thermoplastic
- Banding adapter: aluminum alloy or brass
- Band (optional): stainless steel/ passivated
- Clinch Nuts: stainless steel/ silver plated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 24	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

Self-Locking



Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

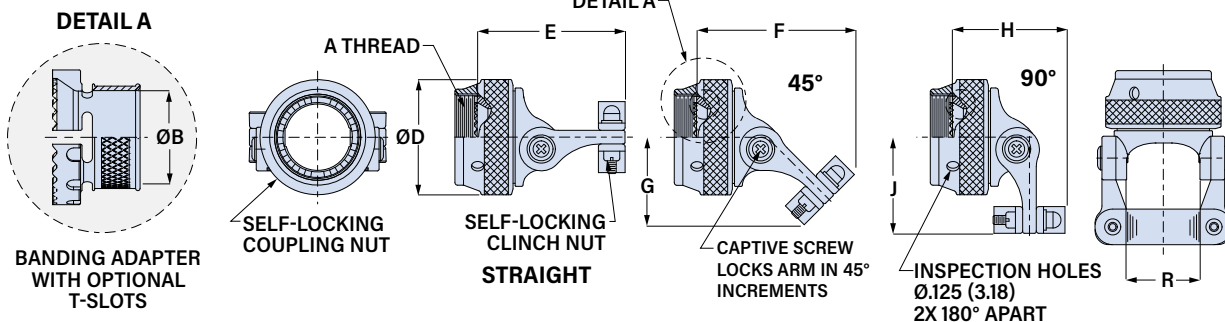
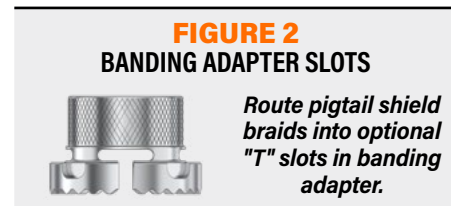
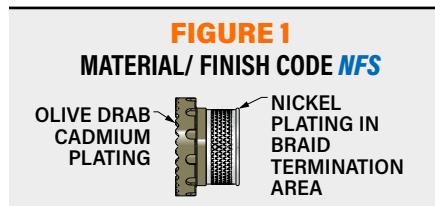
TABLE 1 MATERIAL / FINISH

Aluminum	
M	Electroless nickel
MT	Nickel-PTFE
NF	Olive drab cadmium
NFS	Olive drab cadmium, selective (fig. 1)
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

Shielded, self-locking, adjustable arms. 870F005 aluminum or stainless steel Swing-Arm saddle clamp fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

870F005	M	22	A	S	K																																					
Base P/N	870F005																																									
Material/Finish	See Table 1																																									
Shell Size	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="5">Shell Size</th> </tr> <tr> <th>38999 Series I</th> <th>9</th> <th>11</th> <th>13</th> <th>15</th> <th>17</th> <th>19</th> <th>21</th> <th>23</th> <th>25</th> </tr> <tr> <th>38999 Series II</th> <th>8</th> <th>10</th> <th>12</th> <th>14</th> <th>16</th> <th>18</th> <th>20</th> <th>22</th> <th>24</th> </tr> <tr> <th>Size Code</th> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> </thead> </table>							Shell Size					38999 Series I	9	11	13	15	17	19	21	23	25	38999 Series II	8	10	12	14	16	18	20	22	24	Size Code	08	10	12	14	16	18	20	22	24
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Size Code	08	10	12	14	16	18	20	22	24																																	
Clamp Size	A	Standard Clamp																																								
	B	Large Clamp																																								
Banding Adapter Slots	Omit if not required. See Figure 2.																																									
Band	K	Pre-Coiled Micro Band included With Clamp																																								
	J	Pre-Coiled Slim Micro Band included With Clamp																																								



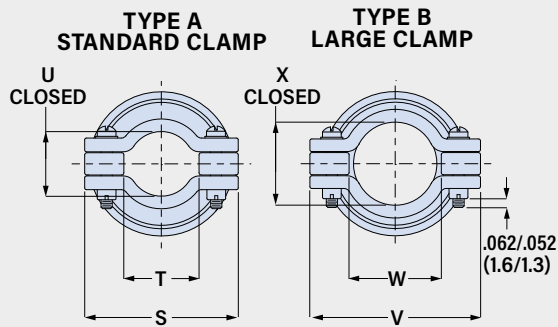
Shell Size	A Thread	ø B Min	D Max	E Max	F Max	G Max	H Max	J Max	R Ref.
	UNE-F-2B	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
8/9	0.4375-28	.178 4.5	.812 20.6	1.55 39.4	1.45 36.8	.77 19.6	.98 24.9	.87 22.1	.393 10.0
10/11	0.5625-24	.305 7.7	.938 23.8	1.61 40.9	1.56 39.6	.87 22.1	1.05 26.7	.96 24.4	.455 11.6
12/13	0.6875-24	.404 10.3	1.125 28.6	1.66 42.2	1.71 43.4	.97 24.6	1.22 31.0	1.03 26.2	.598 15.2
14/15	0.8125-20	.526 13.4	1.250 31.8	1.67 42.4	1.79 45.5	1.02 25.9	1.32 33.5	1.10 27.9	.710 18.0
16/17	0.9375-20	.631 16.0	1.375 34.9	1.77 45.0	1.88 47.8	1.08 27.4	1.38 35.1	1.16 29.5	.839 21.3
18/19	1.0625-18	.748 19.0	1.500 38.1	1.77 45.0	1.96 49.8	1.13 28.7	1.49 37.8	1.22 31.0	.934 23.7
20/21	1.1875-18	.877 22.3	1.625 41.3	1.92 48.8	2.13 54.1	1.24 31.5	1.61 40.9	1.29 32.8	1.068 27.1
22/23	1.3125-18	.999 25.4	1.750 44.5	1.95 49.5	2.20 55.9	1.30 33.0	1.68 42.7	1.36 34.5	1.197 30.4
24/25	1.4375-18	1.127 28.6	1.875 47.6	2.10 53.3	2.31 58.7	1.39 35.3	1.75 44.5	1.55 39.4	1.323 33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

870F005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Shell Size	S Max in	S Max mm	T Min in	T Min mm	U Ref. in	U Ref. mm	Shell Size	V Max in	V Max mm	W Min in	W Min mm	X Ref. in	X Ref. mm
08	.97	24.6	.22	5.6	.264	6.7	08	.98	24.9	.33	8.4	.356	9.0
10	1.03	26.2	.29	7.4	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.21	30.7	.34	8.6	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.32	33.5	.45	11.4	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.45	36.8	.55	14.0	.590	15.0	16	1.60	40.6	.80	20.3	.759	19.3
18	1.54	39.1	.65	16.5	.660	16.8	18	1.73	43.9	.90	22.9	.841	21.4
20	1.67	42.4	.74	18.8	.744	18.9	20	1.95	49.5	1.05	26.7	.996	25.3
22	1.79	45.5	.87	22.1	.826	21.0	22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.92	48.8	.99	25.1	.896	22.8	24	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Aluminum (Codes M, MT, NF, NFS TZ, ZR)
 Coupling nut, body, arms, saddles: aluminum
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF, NFS: stainless steel/ olive drab cadmium
 Banding adapter: aluminum
 Band (optional): stainless steel/ passivated

Stainless Steel (Codes BM, BMT, Z1, ZM)
 Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
 Clinch nuts: stainless steel, silver plated
 Banding adapter:
 Code BM: brass/ electroless nickel
 Code BMT: brass/ nickel-PTFE
 Code Z1: stainless steel/ passivated
 Code ZM: stainless steel/ electroless nickel
 Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 24	601-065	601-603	14.25	362	1.88	47.8

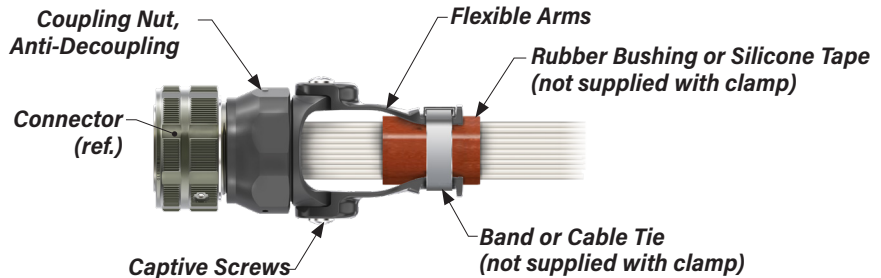
Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F001 Swing-Arm Flex Clamp

Self-Locking

Lightweight, self-locking, flexible arms. 871F001 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series I and II connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Use banding strap or cable tie to secure arms to wire bundle. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Clamp and coupling nut are composite or aluminum, flex arms are PEEK. Passivated SST hardware.



Adapter Code F
 This accessory fits these connectors:
 MIL-DTL-38999 Series I and Series II

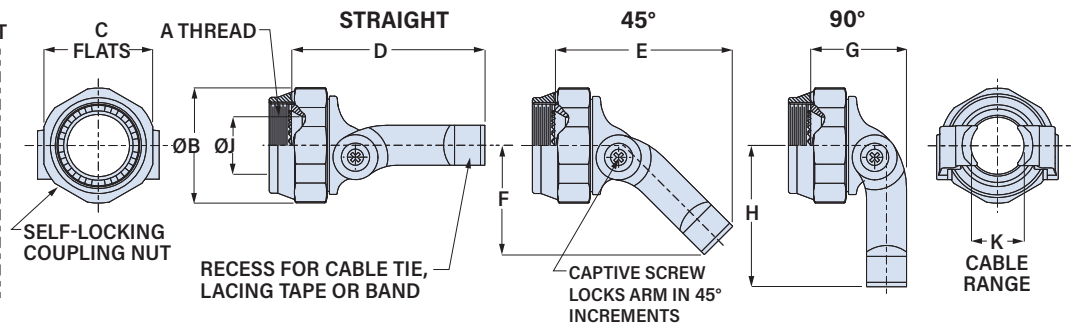
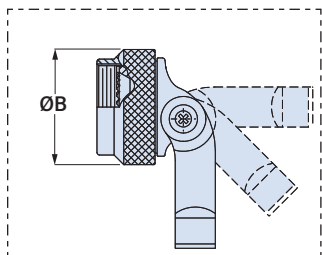
MATERIAL/FINISH

Body, coupling nut :
 Code XB: polyetherimide, black
 Codes M, MT, NF, TZ, ZR: aluminum alloy
 Arms: PEEK, black
 Hardware: stainless steel
 Anti-decoupling spring: thermoplastic

PART NUMBER

		871F001	XB	12																																						
Base P/N	871F001																																									
Material/Finish	Composite XB No Finish (Black) Aluminum M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFR TZ Tin-Zinc ZR Black Zinc-Nickel	Material/Finish Code applies to coupling nut and clamp body. Flex arms are black thermoplastic.																																								
Shell Size	<table border="1"> <tr> <td></td> <td colspan="7">Shell Size</td> </tr> <tr> <td>38999 Series I</td> <td>9</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> <tr> <td>38999 Series II</td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> <tr> <td>Size Code</td> <td>08</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> </tr> </table>					Shell Size							38999 Series I	9	11	13	15	17	19	21	23	25	38999 Series II	8	10	12	14	16	18	20	22	24	Size Code	08	10	12	14	16	18	20	22	24
	Shell Size																																									
38999 Series I	9	11	13	15	17	19	21	23	25																																	
38999 Series II	8	10	12	14	16	18	20	22	24																																	
Size Code	08	10	12	14	16	18	20	22	24																																	

ALUMINUM ALLOY CONFIG. ROUND KNURLED COUPLING NUT



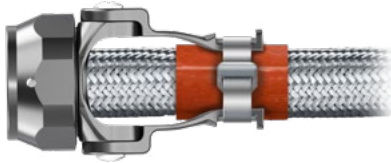
Shell Size	A Thread	ØB Max		C Flats		D Max		E Max		F Max		G Max		H Max		J Min		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
8/9	0.4375-28	.812	20.6	.750	19.1	1.69	42.9	1.46	37.1	.87	22.1	.85	21.6	1.12	28.4	.264	6.7	.393	10.0	.098	2.5
10/11	0.5625-24	.938	23.8	.875	22.2	1.69	42.9	1.46	37.1	.89	22.6	.85	21.6	1.15	29.2	.390	9.9	.455	11.6	.121	3.1
12/13	0.6875-24	1.125	28.6	1.000	25.4	1.97	50.0	1.77	45.0	1.10	27.9	.94	23.9	1.44	36.6	.504	12.8	.598	15.2	.157	4.0
14/15	0.8125-20	1.250	31.8	1.125	28.6	1.97	50.0	1.77	45.0	1.32	33.5	.94	23.9	1.50	38.1	.630	16.0	.710	18.0	.210	5.3
16/17	0.9375-20	1.375	34.9	1.250	31.8	2.18	55.4	2.02	51.3	1.28	32.5	1.10	27.9	1.68	42.7	.756	19.2	.839	21.3	.246	6.2
18/19	1.0625-18	1.500	38.1	1.375	34.9	2.18	55.4	2.02	51.3	1.35	34.3	1.10	27.9	1.74	44.2	.843	21.4	.934	23.7	.277	7.0
20/21	1.1875-18	1.625	41.3	1.500	38.1	2.64	67.1	2.43	61.7	1.63	41.4	1.26	32.0	2.12	53.8	.969	24.6	1.068	27.1	.313	8.0
22/23	1.3125-18	1.750	44.5	1.625	41.3	2.64	67.1	2.43	61.7	1.67	42.4	1.26	32.0	2.16	54.9	1.091	27.7	1.197	30.4	.349	8.9
24/25	1.4375-18	1.875	47.6	1.750	44.5	2.85	72.4	2.65	67.3	1.84	46.7	1.35	34.3	2.41	61.2	1.217	30.9	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F002 Swing-Arm Flex Clamp with Braid Sock, Composite

Self-Locking



Flex clamp with braid sock
(Bushing and band not included)

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

TABLE 1

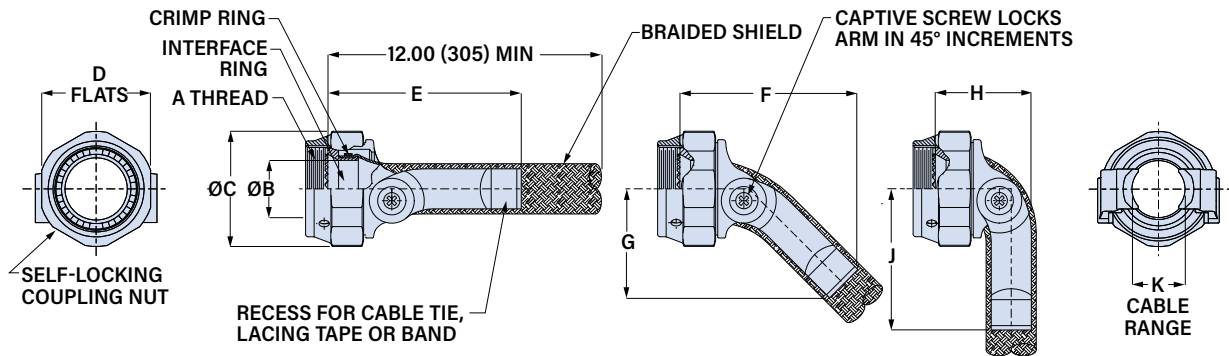
INTERFACE RING MATERIAL/ FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

Shielded. Lightweight. Self-locking. Adjustable arms. 871F002 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST ArmorLite®. Corrosion-resistant high performance thermoplastic meets AS85049 requirements. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

871F002	BM	22	N	J	14
Base P/N	871F002				
Interface Ring Material/Finish	See Table 1				
Shell Size	Shell Size				
	38999 Series I	9	11	13	15 17 19 21 23 25
	38999 Series II	8	10	12	14 16 18 20 22 24
	Size Code	08	10	12	14 16 18 20 22 24
Braid Type	N	34 AWG Nickel/Copper Braid			
	T	34 AWG Tin/Copper Braid			
	A	AmberStrand® Nickel/Composite Braid			
	L	ArmorLite® Microfilament Nickel/SST Braid			
Splice Ring and Band	Omit if not required				
	K	Splice ring and standard band			
	J	Splice ring and slim standard band			
Braid Length	Omit for standard 12 inch length				
	14	Length in 1 inch increments, 6 inch min "14" = 14 inches.			



Shell Size	A Thread UNEF-2B	ø B Min		ø C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	0.4375-28	.264	6.7	.812	20.6	.750	19.1	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
10/11	0.5625-24	.392	10.0	.938	23.8	.875	22.2	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12/13	0.6875-24	.506	12.9	1.125	28.6	1.000	25.4	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14/15	0.8125-20	.631	16.0	1.250	31.8	1.125	28.6	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
16/17	0.9375-20	.756	19.2	1.375	34.9	1.250	31.8	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
18/19	1.0625-18	.844	21.4	1.500	38.1	1.375	34.9	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
20/21	1.1875-18	.970	24.6	1.625	41.3	1.500	38.1	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
22/23	1.3125-18	1.094	27.8	1.750	44.5	1.625	41.3	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9
24/25	1.4375-18	1.219	31.0	1.875	47.6	1.750	44.5	2.93	74.4	2.73	69.3	1.81	46.0	1.42	36.1	2.38	60.5	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F002 Swing-Arm Flex Clamp with Braid Sock, Composite

MATERIAL/FINISH

Coupling nut, body: polyetherimide (PEI)/unplated, black

Flex arms: PEEK (PEI)/unplated, black

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling spring: thermoplastic interface Ring: brass or aluminum

Crimp ring: copper alloy/tin

Splice ring (optional): thermoplastic

Band (optional): stainless steel/passivated

Braid:

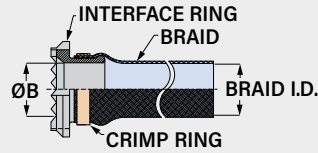
Code N: 34 AWG nickel-coated copper

Code T: 34 AWG tin-coated copper,

Code A: *AmberStrand*® ultralightweight nickel-coated polymer

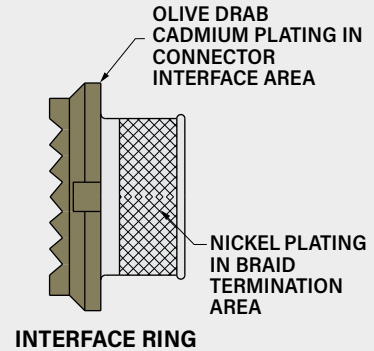
Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID

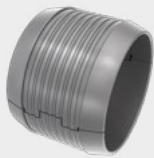


Shell Size	Ø B Min		Braid I.D.	
	in	mm	in	mm
08	.264	6.7	.375	9.5
10	.392	10.0	.375	9.5
12	.506	12.9	.500	12.7
14	.631	16.0	.500	12.7
16	.756	19.2	.781	19.8
18	.844	21.4	.781	19.8
20	.970	24.6	1.000	25.4
22	1.094	27.8	1.000	25.4
24	1.219	31.0	1.250	31.8

FIGURE 1
NF AND BN SELECTIVE FINISH



SPLICE RING AND BAND (K AND J OPTIONS)



Splice Ring



Pre-Coiled Band

Optional split ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Precoiled Band Part Number	
	Standard	Slim Standard
All	601-041	601-573

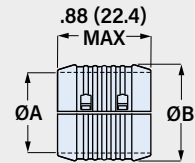


Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109

Shell Size	Splice Ring Part Number	ØA		ØB	
		± .03 (0.8) in	mm	± .03 (0.8) in	mm
08	687-207XB04	.25	6.4	.40	10.2
10	687-207XB06	.38	9.7	.53	13.5
12	687-207XB08	.50	12.7	.65	16.5
14	687-207XB10	.63	16.0	.78	19.8
16	687-207XB12	.75	19.1	.90	22.9
18	687-207XB14	.88	22.4	1.03	26.2
20	687-207XB16	1.00	25.4	1.15	29.2
22	687-207XB18	1.13	28.7	1.28	32.5
24	687-207XB20	1.25	31.8	1.40	35.6



687-207
SPLICE RING

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

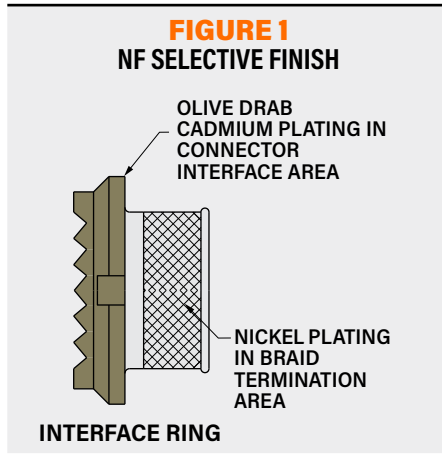
Self-Locking



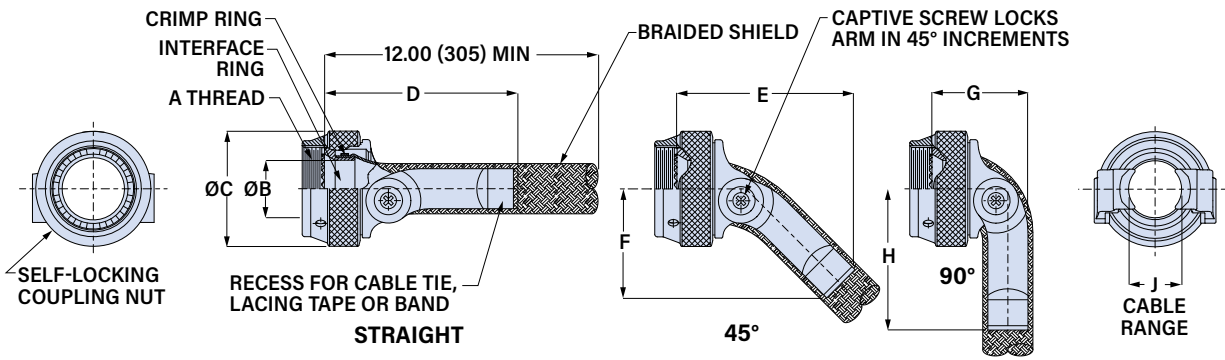
Shielded. Lightweight. Self-locking. Adjustable arms. 871F003 Swing-Arm Flex Clamp has aluminum coupling nut and body with thermoplastic flex arms. Fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II



PART NUMBER		871F003	M	22	N	J	14
Base P/N	871F003						
Material/Finish	M	Electroless Nickel					
	NF	O. D. Cadmium, Selective (Figure 1)					
	MT	Nickel-PTFE					
	TZ	Tin-Zinc					
	ZR	Black Zinc-Nickel					
Shell Size	38999 Series I		9	11	13	Shell Size	
	38999 Series II		8	10	12	14	16
	Size Code		08	10	12	14	16
			18	20	22	24	25
Braid Type	N	34 AWG Nickel/Copper Braid					
	T	34 AWG Tin/Copper Braid					
	A	AmberStrand® Nickel/Composite Braid					
	L	ArmorLite® Microfilament Nickel/SST Braid					
Splice Ring and Band	Omit if not required						
	K	Splice ring and standard band					
	J	Splice ring and slim standard band					
Braid Length	Omit for standard 12 inch length						
	14	Length in 1 inch increments, 6 inch min "14" = 14 inches.					



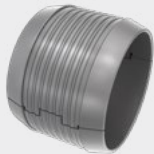
Shell Size	A Thread UNEF-2B	ø B Min		ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min		
8/9	0.4375-28	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
10/11	0.5625-24	.392	10.0	.938	23.8	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12/13	0.6875-24	.506	12.9	1.125	28.6	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14/15	0.8125-20	.631	16.0	1.250	31.8	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
16/17	0.9375-20	.756	19.2	1.375	34.9	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
18/19	1.0625-18	.844	21.4	1.500	38.1	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
20/21	1.1875-18	.970	24.6	1.625	41.3	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
22/23	1.3125-18	1.094	27.8	1.750	44.5	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9
24/25	1.4375-18	1.219	31.0	1.875	47.6	2.93	74.4	2.73	69.3	1.81	46.0	1.42	36.1	2.38	60.5	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

SPLICE RING AND BAND (K AND J OPTIONS)



Splice Ring



Pre-Coiled Band

Optional split ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Precoiled Band Part Number	
	Standard	Slim Standard
All	601-041	601-573

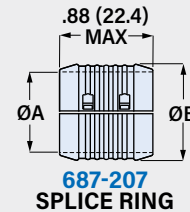


Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109

Shell Size	Splice Ring Part Number	øA		øB	
		± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm
08	687-207XB04	.25	6.4	.40	10.2
10	687-207XB06	.38	9.7	.53	13.5
12	687-207XB08	.50	12.7	.65	16.5
14	687-207XB10	.63	16.0	.78	19.8
16	687-207XB12	.75	19.1	.90	22.9
18	687-207XB14	.88	22.4	1.03	26.2
20	687-207XB16	1.00	25.4	1.15	29.2
22	687-207XB18	1.13	28.7	1.28	32.5
24	687-207XB20	1.25	31.8	1.40	35.6



MATERIAL/FINISH

Coupling nut, body: aluminum
Flex arms: PEEK (PEI)/unplated, black
Screws, washers, inserts: stainless steel/passivated

Anti-decoupling spring: thermoplastic
interface ring: aluminum

Crimp ring: copper alloy/tin

Splice ring (optional): thermoplastic

Band (optional): stainless steel/passivated

Braid:

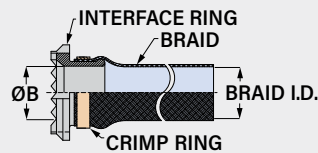
Code N: 34 AWG nickel-coated copper

Code T: 34 AWG tin-coated copper,

Code A: **AmberStrand**® ultralightweight nickel-coated polymer

Code L: **ArmorLite**® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	ø B Min		Braid I.D.	
	in	mm	in	mm
08	.264	6.7	.375	9.5
10	.392	10.0	.375	9.5
12	.506	12.9	.500	12.7
14	.631	16.0	.500	12.7
16	.756	19.2	.781	19.8
18	.844	21.4	.781	19.8
20	.970	24.6	1.000	25.4
22	1.094	27.8	1.000	25.4
24	1.219	31.0	1.250	31.8

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870F004 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

871F004	M	22	S	K
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Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

FIGURE 1
FINISH CODES **NFS, BNS**

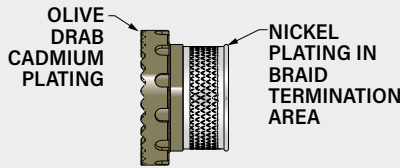


FIGURE 2
BANDING ADAPTER SLOTS



Base P/N 871F004

Banding Adapter Material/Finish

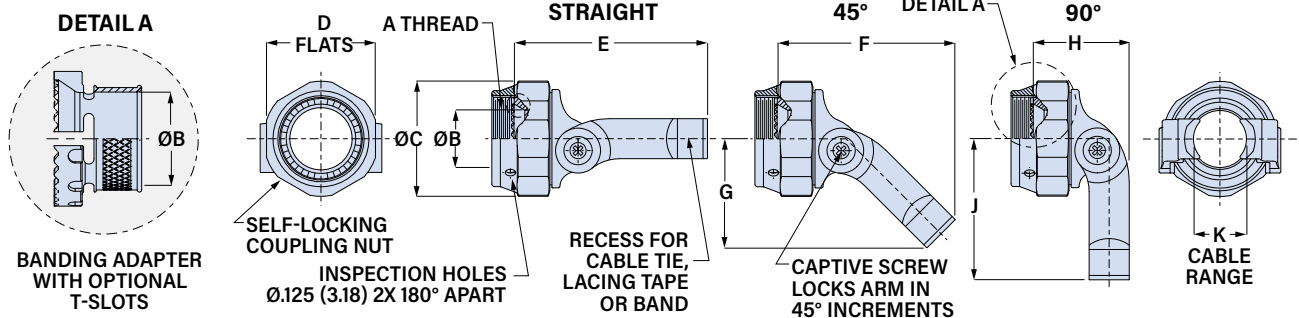
- M** Alum/Electroless Nickel
- NF** Alum/Olive Drab Cadmium
- NFS** Alum/O.D. Cadmium, selective (fig. 1)
- MT** Alum/Nickel-PTFE
- TZ** Alum/Tin-Zinc
- BM** Brass/Electroless Nickel
- BN** Brass/Olive Drab Cadmium
- BNS** Brass/O.D. Cadmium, selective (fig. 1)
- BMT** Brass/Nickel-PTFE

Shell Size

	Shell Size									
38999 Series I	9	11	13	15	17	19	21	23	25	
38999 Series II	8	10	12	14	16	18	20	22	24	
	Size Code	08	10	12	14	16	18	20	22	24

Banding Adapter Slots *Omit if not required. See Figure 2*
S "T" Slots in Banding Adapter for Shield Pigtailed

Band *Omit if not required.*
K Pre-Coiled Micro Band included With Clamp
J Pre-Coiled Slim Micro Band included With Clamp



Shell Size	A Thread UNEF-2B	ø B Min in	ø B Min mm	ø C Max in	ø C Max mm	D Flats in	D Flats mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm	J Max in	J Max mm	K Ref.			
																		Max in	Min in		
8/9	0.4375-28	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.57	39.9	.87	22.1	.96	24.4	1.12	28.4	.393	10.0	.098	2.5
10/11	0.5625-24	.305	7.7	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.96	24.4	1.15	29.2	.455	11.6	.121	3.1
12/13	0.6875-24	.404	10.3	1.125	28.6	1.000	25.4	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14/15	0.8125-20	.526	13.4	1.250	31.8	1.125	28.6	2.08	52.8	1.88	47.8	1.16	29.5	1.32	33.5	1.50	38.1	.710	18.0	.210	5.3
16/17	0.9375-20	.631	16.0	1.375	34.9	1.250	31.8	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
18/19	1.0625-18	.748	19.0	1.500	38.1	1.375	34.9	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.81	46.0	.934	23.7	.277	7.0
20/21	1.1875-18	.877	22.3	1.625	41.3	1.500	38.1	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
22/23	1.3125-18	.999	25.4	1.750	44.5	1.625	41.3	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9
24/25	1.4375-18	1.127	28.6	1.875	47.6	1.750	44.5	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6	.380	9.7



Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

MATERIAL /FINISH

Coupling nut, body, arms: thermoplastic, black
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 Banding adapter: aluminum alloy or brass
 Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 24	601-065	601-603	14.25	362	1.88	47.8



Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F005 Swing-Arm Flex Clamp, EMI Banding Adapter, Aluminum

Self-Locking

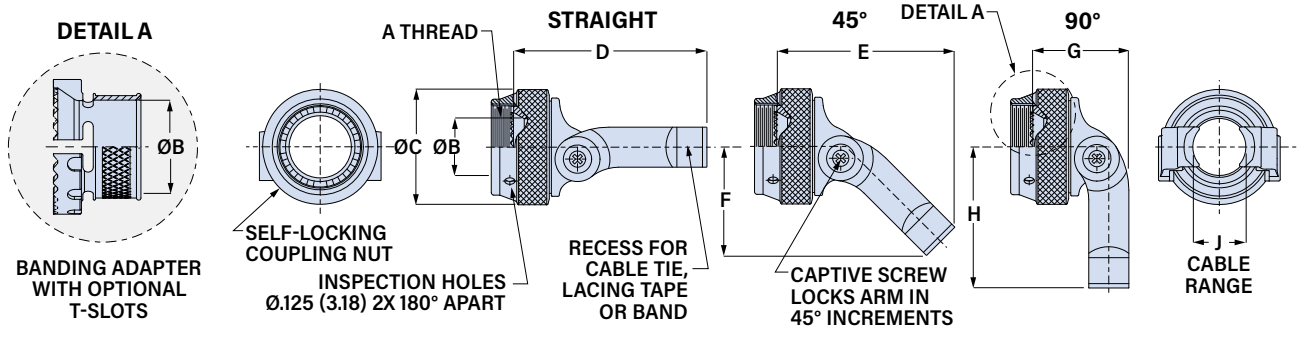
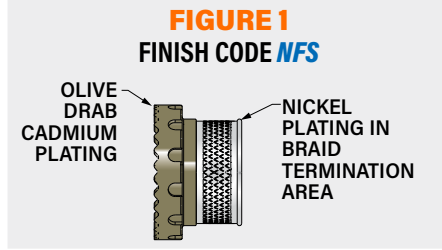


Shielded, self-locking, adjustable arms. 871F005 Swing-Arm Flex Clamp has aluminum coupling nut and body. Flex arms are high strength thermoplastic. Fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code F
This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

PART NUMBER

		871F005	M	22	S	K
Base P/N	871F005					
Material/Finish	M	Alum/Electroless Nickel				
	NF	Alum/Olive Drab Cadmium				
	NFS	Alum/O.D. Cadmium, selective (fig. 1)				
	MT	Alum/Nickel-PTFE				
	TZ	Alum/Tin-Zinc				
Shell Size	Shell Size					
	38999 Series I	9	11	13	15	17 19 21 23 25
	38999 Series II	8	10	12	14	16 18 20 22 24
		Size Code 08 10 12 14 16 18 20 22 24				
Banding Adapter Slots	<i>Omit if not required. See Detail A.</i>					
	S	"T" Slots in Banding Adapter for Shield Pigtailed				
Band	<i>Omit if not required.</i>					
	K	Pre-Coiled Micro Band included With Clamp				
	J	Pre-Coiled Slim Micro Band included With Clamp				



Shell Size	A Thread UNEF-2B	ø B Min		ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min		
8/9	0.4375-28	.178	4.5	.812	20.6	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
10/11	0.5625-24	.305	7.7	.938	23.8	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
12/13	0.6875-24	.404	10.3	1.125	28.6	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14/15	0.8125-20	.526	13.4	1.250	31.8	2.08	52.8	1.88	47.8	1.16	29.5	1.05	26.7	1.50	38.1	.710	18.0	.210	5.3
16/17	0.9375-20	.631	16.0	1.375	34.9	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
18/19	1.0625-18	.748	19.0	1.500	38.1	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.74	44.2	.934	23.7	.277	7.0
20/21	1.1875-18	.877	22.3	1.625	41.3	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
22/23	1.3125-18	.999	25.4	1.750	44.5	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9
24/25	1.4375-18	1.127	28.6	1.875	47.6	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6	.380	9.7

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Pre-Coiled MicroBand 601-065



Pre-Coiled Slim MicroBand 601-603

MATERIAL/FINISH

Coupling nut, body, banding adapter: aluminum
Flex arms: high-strength thermoplastic
Screws, washers, inserts: sst/passivated
Anti-decoupling springs: thermoplastic
Band (optional): stainless steel/ passivated

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H001 Swing-Arm Saddle Clamp

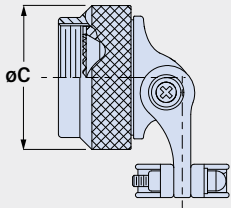
Self-Locking



Self-locking, adjustable arms. 870H001 Swing-Arm saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threaded inserts to withstand high vibration. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Available in composite, aluminum or stainless steel.

Adapter Code H
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

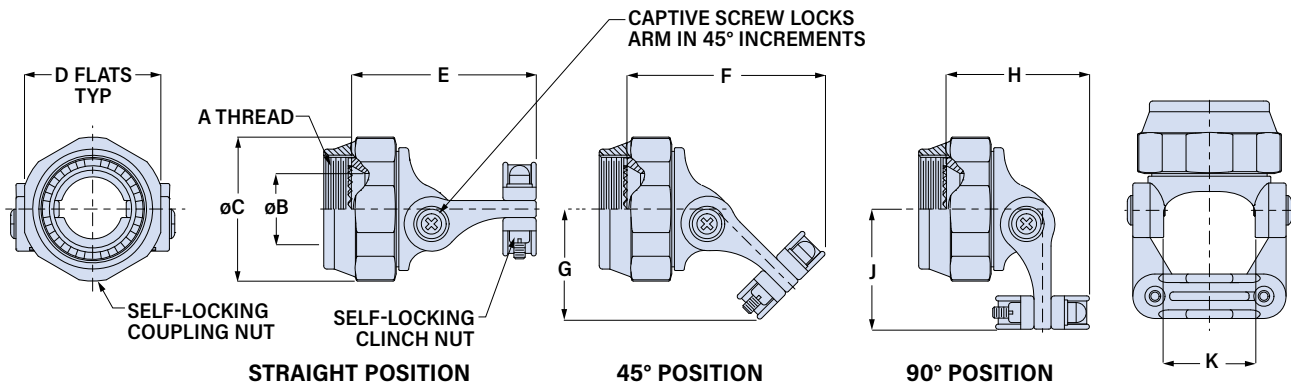
ALUMINUM AND SST VERSIONS



Aluminum and stainless steel versions have round knurled coupling nuts.

PART NUMBER

		870H001	XB	23	B					
Base P/N	870H001									
Material/Finish	<i>Composite</i>									
	XB No Finish (Black)									
	<i>Aluminum</i>									
	M Electroless Nickel									
	NF Olive Drab Cadmium									
	MT Nickel-PTFR									
	TZ Tin-Zinc									
	ZR Black Zinc-Nickel									
	<i>Stainless Steel</i>									
	ZI Passivated									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Clamp Size	A Standard Clamp									
	B Large Clamp									



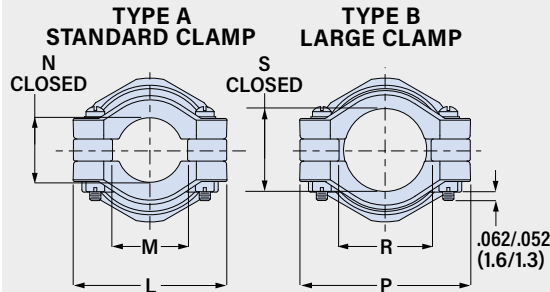
Shell Size	A Thread	øB Min in	mm	C Max in	mm	D Flats in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
9 (A)	M12X1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.43	36.3	1.35	34.3	.78	19.8	.91	23.1	.87	22.1	.393	10.0
11 (B)	M15X1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.50	38.1	1.45	36.8	.87	22.1	.94	23.9	.96	24.4	.455	11.6
13 (C)	M18X1.0-6H	.504	12.8	1.125	28.6	1.000	25.4	1.56	39.6	1.60	40.6	.97	24.6	1.12	28.4	1.03	26.2	.598	15.2
15 (D)	M22X1.0-6H	.630	16.0	1.250	31.8	1.125	28.6	1.57	39.9	1.68	42.7	1.02	25.9	1.21	30.7	1.10	27.9	.710	18.0
17 (E)	M25X1.0-6H	.756	19.2	1.375	34.9	1.250	31.8	1.66	42.2	1.78	45.2	1.09	27.7	1.29	32.8	1.16	29.5	.839	21.3
19 (F)	M28X1.0-6H	.843	21.4	1.500	38.1	1.375	34.9	1.66	42.2	1.86	47.2	1.14	29.0	1.39	35.3	1.22	31.0	.934	23.7
21 (G)	M31X1.0-6H	.969	24.6	1.625	41.3	1.500	38.1	1.81	46.0	2.02	51.3	1.24	31.5	1.50	38.1	1.29	32.8	1.068	27.1
23 (H)	M34X1.0-6H	1.091	27.7	1.750	44.5	1.625	41.3	1.84	46.7	2.09	53.1	1.30	33.0	1.57	39.9	1.36	34.5	1.197	30.4
25 (J)	M37X1.0-6H	1.217	30.9	1.875	47.6	1.750	44.5	2.00	50.8	2.20	55.9	1.45	36.8	1.64	41.7	1.55	39.4	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H001 Swing-Arm Saddle Clamp

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Shell Size	L Max	M Min	N Ref.		Shell Size	P Max	R Min	S Ref.					
	in	mm	in	mm		in	mm	in	mm				
9 (A)	.98	24.9	.22	5.6	.265	6.7	9 (A)	.98	24.9	.33	8.4	.356	9.0
11 (B)	1.05	26.7	.27	6.9	.310	7.9	11 (B)	1.20	30.5	.45	11.4	.422	10.7
13 (C)	1.20	30.5	.35	8.9	.422	10.7	13 (C)	1.45	36.8	.62	15.7	.637	16.2
15 (D)	1.30	33.0	.47	11.9	.538	13.7	15 (D)	1.54	39.1	.68	17.3	.707	18.0
17 (E)	1.44	36.6	.55	14.0	.590	15.0	17 (E)	1.60	40.6	.80	20.3	.759	19.3
19 (F)	1.56	39.6	.62	15.7	.660	16.8	19 (F)	1.73	43.9	.90	22.9	.841	21.4
21 (G)	1.69	42.9	.70	17.8	.744	18.9	21 (G)	1.95	49.5	1.05	26.7	.996	25.3
23 (H)	1.77	45.0	.78	19.8	.826	21.0	23 (H)	2.08	52.8	1.18	30.0	1.060	26.9
25 (J)	1.89	48.0	.85	21.6	.896	22.8	25 (J)	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Composite (Code XB)

Coupling nut, body, arms, saddles:
polyetherimide (PEI), unplated

Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: stainless steel, silver plated

Aluminum (Codes M, MT, NF, TZ, ZR)

Coupling nut, body, arms, saddles: aluminum
Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: Codes M, MT, TZ and ZR:
stainless steel, silver plated.

Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Code Z1)

Coupling nut, body, arms, saddles: SST
Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: stainless steel
Clinch Nuts: stainless steel, silver plated

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H002 Swing-Arm Saddle Clamp, Braid Sock, Composite

Self-Locking

Shielded, self-locking, adjustable arms. 870H002 composite Swing-Arm saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant glass-reinforced thermoplastic meets AS85049 requirements. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

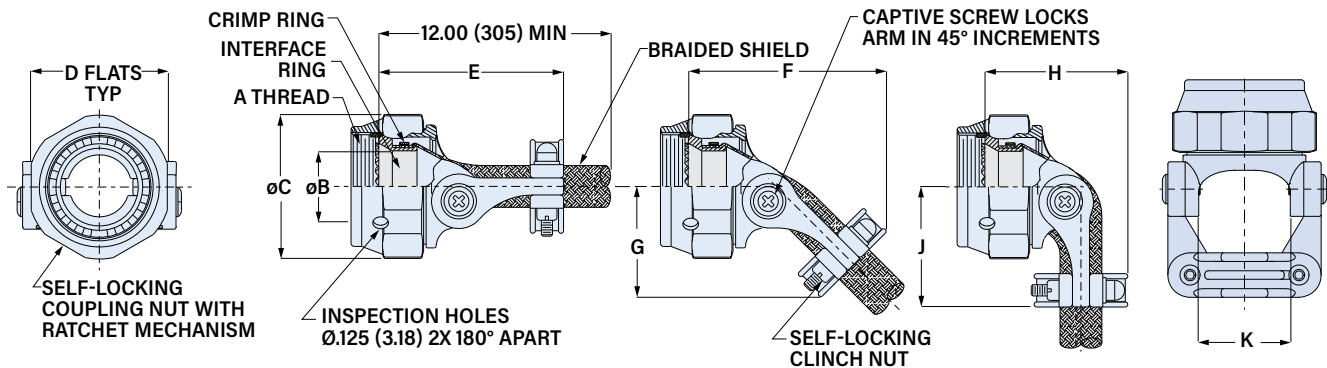
TABLE 1

INTERFACE RING MATERIAL / FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

	870H002	BM	21	B	L	K	14			
Base P/N	870H002									
Interface Ring Material/Finish	See Table 1									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Clamp Size	See Clamp Dimensions on next page									
	A	Standard Clamp								
	B	Large Clamp								
Braid Type	N	34 AWG Nickel/Copper Braid								
	T	34 AWG Tin/Copper Braid								
	A	AmberStrand® Nickel/Composite Braid								
	L	Microfilament ArmorLite® Nickel/SST Braid								
Splice Ring and Band	Omit if not required									
	K	Splice ring and standard band								
	J	Splice ring and slim standard band								
Braid Length	Omit for standard 12 inch length									
	14	Length in 1 inch increments, 6 inch min "14" = 14 inches.								



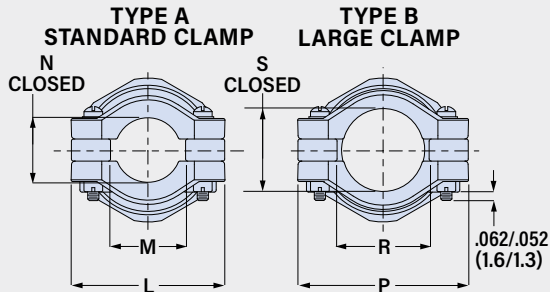
Shell Size	A Thread	øB Min in	mm	øC Max in	mm	D Flats in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
9 (A)	M12X1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
11 (B)	M15X1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
13 (C)	M18X1.0-6H	.504	12.8	1.125	28.6	1.000	25.4	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
15 (D)	M22X1.0-6H	.630	16.0	1.250	31.8	1.125	28.6	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
17 (E)	M25X1.0-6H	.756	19.2	1.375	34.9	1.250	31.8	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
19 (F)	M28X1.0-6H	.843	21.4	1.500	38.1	1.375	34.9	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
21 (G)	M31X1.0-6H	.969	24.6	1.625	41.3	1.500	38.1	1.88	47.8	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1
23 (H)	M34X1.0-6H	1.091	27.7	1.750	44.5	1.625	41.3	1.91	48.5	2.15	54.6	1.27	32.3	1.63	41.4	1.33	33.8	1.197	30.4
25 (J)	M37X1.0-6H	1.217	30.9	1.875	47.6	1.750	44.5	1.94	49.3	2.23	56.6	1.33	33.8	1.70	43.2	1.40	35.6	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H002 Swing-Arm Saddle Clamp, Braid Sock, Composite

CLAMP DIMENSIONS

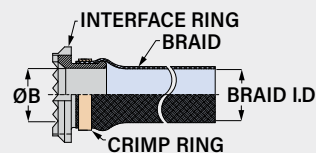


Standard Clamp						Large Clamp					
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in mm	Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in mm
9 (A)	.98	24.9	.22	5.6	.265 6.7	9 (A)	.98	24.9	.33	8.4	.356 9.0
11 (B)	1.05	26.7	.27	6.9	.310 7.9	11 (B)	1.20	30.5	.45	11.4	.422 10.7
13 (C)	1.20	30.5	.35	8.9	.422 10.7	13 (C)	1.45	36.8	.62	15.7	.637 16.2
15 (D)	1.30	33.0	.47	11.9	.538 13.7	15 (D)	1.54	39.1	.68	17.3	.707 18.0
17 (E)	1.44	36.6	.55	14.0	.590 15.0	17 (E)	1.60	40.6	.80	20.3	.759 19.3
19 (F)	1.56	39.6	.62	15.7	.660 16.8	19 (F)	1.73	43.9	.90	22.9	.841 21.4
21 (G)	1.69	42.9	.70	17.8	.744 18.9	21 (G)	1.95	49.5	1.05	26.7	.996 25.3
23 (H)	1.77	45.0	.78	19.8	.826 21.0	23 (H)	2.08	52.8	1.18	30.0	1.060 26.9
25 (J)	1.89	48.0	.85	21.6	.896 22.8	25 (J)	2.32	58.9	1.30	33.0	1.124 28.5

MATERIAL/FINISH

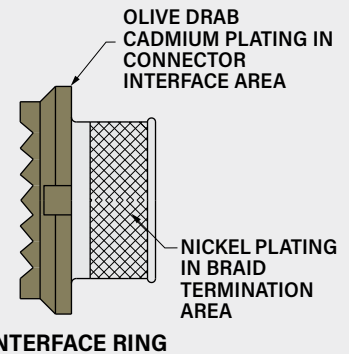
- Coupling nut, body, arms, saddles: polyetherimide (PEI)/unplated
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- interface Ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Clinch Nuts: stainless steel/silver
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID

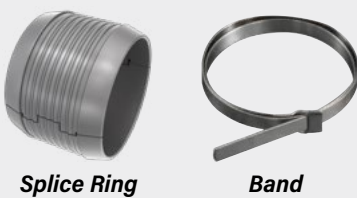


Shell Size	Ø B Min in	Ø B Min mm	Braid I.D. in	Braid I.D. mm
9 (A)	.264	6.7	.375	9.5
11 (B)	.390	9.9	.375	9.5
13 (C)	.504	12.8	.500	12.7
15 (D)	.630	16.0	.500	12.7
17 (E)	.756	19.2	.781	19.8
19 (F)	.843	21.4	.781	19.8
21 (G)	.969	24.6	1.000	25.4
23 (H)	1.091	27.7	1.000	25.4
25 (J)	1.217	30.9	1.250	31.8

FIGURE 1 NF AND BN SELECTIVE FINISH



SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



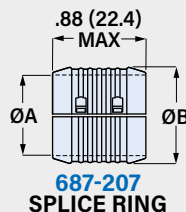
Splice Ring

Band

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Band Part Number		Splice Ring Part Number	ØA		ØB	
	Standard	Slim Standard		± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm
9 (A)	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
11 (B)	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
13 (C)	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
15 (D)	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
17 (E)	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
19 (F)	601-041	601-573	687-207XB14	.88	22.4	1.03	26.2
21 (G)	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
23 (H)	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5
25 (J)	601-041	601-573	687-207XB20	1.25	31.8	1.40	35.6



Banding Tool for Standard Band 601-100



Banding Tool for Slim Standard Band 601-109

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

Self-Locking



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

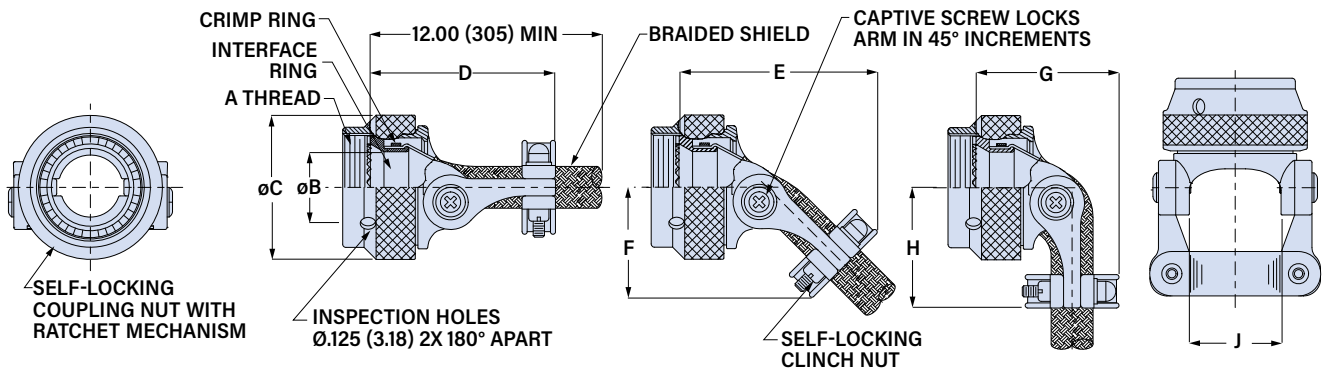
TABLE 1 MATERIAL / FINISH

Aluminum	
M	Electroless nickel
NF	Olive drab cadmium, selective (fig. 1)
MT	Nickel-PTFE
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

Shielded, self-locking, adjustable arms. 870H003 stainless steel or aluminum Swing-Arm saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

870H003	M	15	B	L	K	14				
Base P/N	870H003									
Material/Finish	See Table 1									
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Clamp Size	See Clamp Dimensions on next page									
	A	Standard Clamp								
	B	Large Clamp								
Braid Type	N	34 AWG Nickel/Copper Braid								
	T	34 AWG Tin/Copper Braid								
	A	AmberStrand® Nickel/Composite Braid								
	L	Microfilament ArmorLite® Nickel/SST Braid								
Splice Ring and Band	Omit if not required. See "Splice Ring and Band" on next page.									
	K	Splice ring and standard band								
	J	Splice ring and slim standard band								
Braid Length	Omit for standard 12 inch length									
	14	Length in 1 inch increments, 6 inch min "14" = 14 inches.								



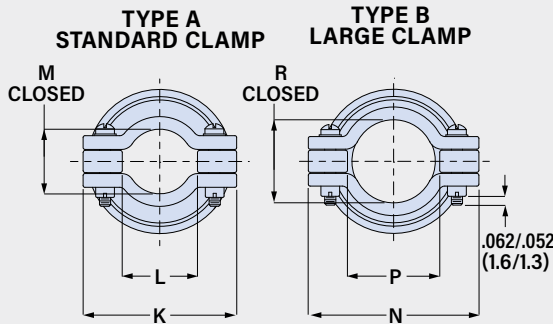
Shell Size	A Thread	ø B Min in	mm	ø C Max in	mm	D Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Ref. in	mm
9 (A)	M12X1.0-6H	.264	6.7	.812	20.6	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
11 (B)	M15X1.0-6H	.390	9.9	.938	23.8	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
13 (C)	M18X1.0-6H	.504	12.8	1.125	28.6	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
15 (D)	M22X1.0-6H	.630	16.0	1.250	31.8	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
17 (E)	M25X1.0-6H	.756	19.2	1.375	34.9	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
19 (F)	M28X1.0-6H	.843	21.4	1.500	38.1	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
21 (G)	M31X1.0-6H	.969	24.6	1.625	41.3	1.88	47.8	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1
23 (H)	M34X1.0-6H	1.091	27.7	1.750	44.5	1.91	48.5	2.15	54.6	1.27	32.3	1.63	41.4	1.33	33.8	1.197	30.4
25 (J)	M37X1.0-6H	1.217	30.9	1.875	47.6	1.94	49.3	2.23	56.6	1.33	33.8	1.70	43.2	1.40	35.6	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

CLAMP DIMENSIONS



Shell Size	K Max		L Min		M Ref.	
	in	mm	in	mm	in	mm
9 (A)	.98	24.9	.22	5.6	.265	6.7
11 (B)	1.05	26.7	.27	6.9	.310	7.9
13 (C)	1.20	30.5	.35	8.9	.422	10.7
15 (D)	1.30	33.0	.47	11.9	.538	13.7
17 (E)	1.44	36.6	.55	14.0	.590	15.0
19 (F)	1.56	39.6	.62	15.7	.660	16.8
21 (G)	1.69	42.9	.70	17.8	.744	18.9
23 (H)	1.77	45.0	.78	19.8	.826	21.0
25 (J)	1.89	48.0	.85	21.6	.896	22.8

Shell Size	N Max		P Min		R Ref.	
	in	mm	in	mm	in	mm
9 (A)	.98	24.9	.33	8.4	.356	9.0
11 (B)	1.20	30.5	.45	11.4	.422	10.7
13 (C)	1.45	36.8	.62	15.7	.637	16.2
15 (D)	1.54	39.1	.68	17.3	.707	18.0
17 (E)	1.60	40.6	.80	20.3	.759	19.3
19 (F)	1.73	43.9	.90	22.9	.841	21.4
21 (G)	1.95	49.5	1.05	26.7	.996	25.3
23 (H)	2.08	52.8	1.18	30.0	1.060	26.9
25 (J)	2.32	58.9	1.30	33.0	1.124	28.5

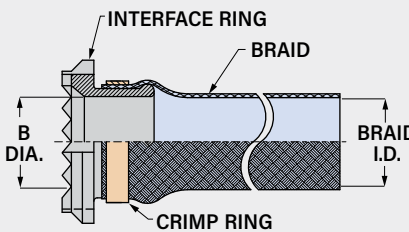
MATERIAL/FINISH

Aluminum (Codes M, MT, NF, TZ, ZR)
Coupling nut, body, arms, saddles, interface ring: aluminum
Crimp Ring: copper alloy/ tin plated
Screws, washers, inserts: stainless steel/ passivated
Anti-decoupling spring: thermoplastic
Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Codes BM, BMT, Z1, ZM)
Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
Crimp Ring: copper alloy/ tin plated
Clinch nuts: stainless steel, silver plated
interface ring: brass (codes BM, BMT) or stainless steel (Z1, ZM)

Braid:
Code N: 34 AWG nickel-coated copper
Code T: 34 AWG tin-coated copper,
Code A: *AmberStrand*® ultralightweight nickel-coated polymer
Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	ø B Min		Braid I.D.	
	in	mm	in	mm
9 (A)	.264	6.7	.375	9.5
11 (B)	.390	9.9	.375	9.5
13 (C)	.504	12.8	.500	12.7
15 (D)	.630	16.0	.500	12.7
17 (E)	.756	19.2	.781	19.8
19 (F)	.843	21.4	.781	19.8
21 (G)	.969	24.6	1.000	25.4
23 (H)	1.091	27.7	1.000	25.4
25 (J)	1.217	30.9	1.250	31.8

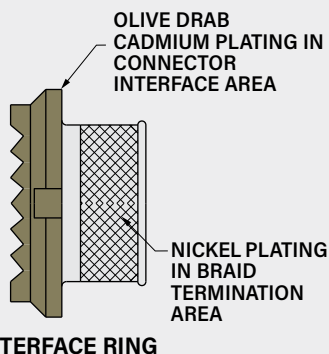
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid sock to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool. *Slim Standard Band* is 50% lighter weight than standard band with no reduction in strength.



Shell Size	Band Part Number		Split Ring Part Number	øA		øB	
	Standard	Slim Standard		± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm
9 (A)	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
11 (B)	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
13 (C)	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
15 (D)	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
17 (E)	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
19 (F)	601-041	601-573	687-207XB14	.88	22.4	1.03	26.2
21 (G)	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
23 (H)	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5
25 (J)	601-041	601-573	687-207XB20	1.25	31.8	1.40	35.6

FIGURE 1
NF SELECTIVE FINISH



Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870H004 Swing-Arm saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

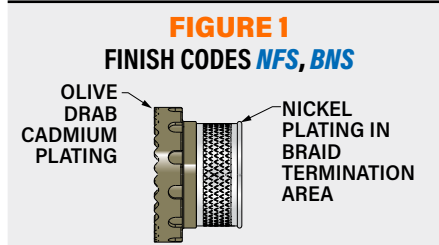


FIGURE 1

FINISH CODES **NFS, BNS**

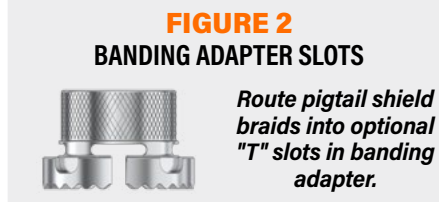


FIGURE 2

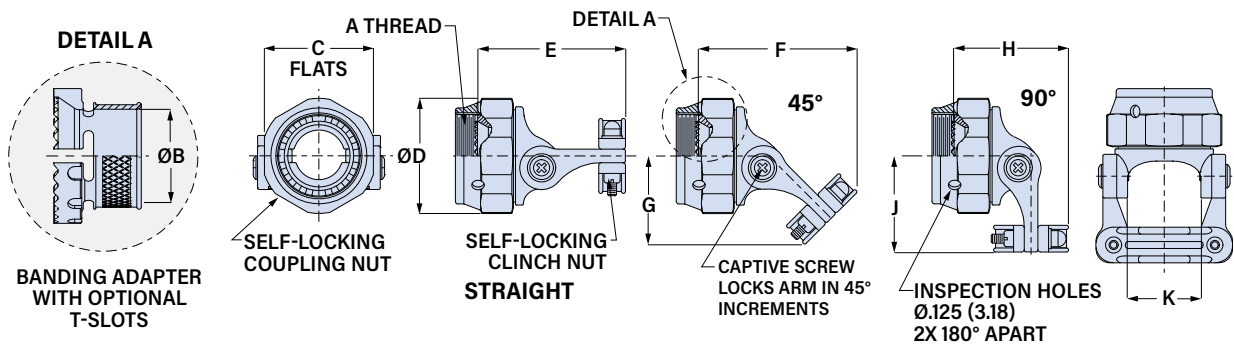
BANDING ADAPTER SLOTS

Route pigtail shield braids into optional "T" slots in banding adapter.

PART NUMBER

870H004 M 23 A S K

Base P/N	870H004																				
Banding Adapter Material/Finish	<p>M Alum/Electroless Nickel</p> <p>NF Alum/Olive Drab Cadmium</p> <p>NFS Alum/O.D. Cadmium, selective (fig. 1)</p> <p>MT Alum/Nickel-PTFE</p> <p>TZ Alum/Tin-Zinc</p> <p>BM Brass/Electroless Nickel</p> <p>BN Brass/Olive Drab Cadmium</p> <p>BNS Brass/O.D. Cadmium, selective (fig. 1)</p> <p>BMT Brass/Nickel-PTFE</p>																				
Shell Size	<table border="1"> <tr> <td>Shell Size</td> <td>9</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> <tr> <td>Size Code</td> <td>09</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> </table>	Shell Size	9	11	13	15	17	19	21	23	25	Size Code	09	11	13	15	17	19	21	23	25
Shell Size	9	11	13	15	17	19	21	23	25												
Size Code	09	11	13	15	17	19	21	23	25												
Clamp Size	<p>A Standard Clamp</p> <p>B Large Clamp</p>																				
Banding Adapter Slots	<p>Omit if not required. See Figure 2.</p> <p>S "T" Slots in Banding Adapter for Shield Pigtailed</p>																				
Band	<p>Omit if not required.</p> <p>K Pre-Coiled Micro Band included With Clamp</p> <p>J Pre-Coiled Slim Micro Band included With Clamp</p>																				



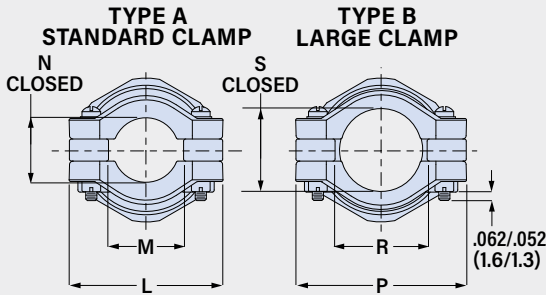
Shell Size	A Thread	ø B Min	C Flats	D Max	E Max	F Max	G Max	H Max	J Max	K Ref.									
		in	mm	in	mm	in	mm	in	mm	in									
9 (A)	M12X1.0-6H	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
11 (B)	M15X1.0-6H	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
13 (C)	M18X1.0-6H	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
15 (D)	M22X1.0-6H	.526	13.4	1.125	28.6	1.250	31.8	1.67	42.4	1.76	44.7	1.00	25.4	1.28	32.5	1.10	27.9	.710	18.0
17 (E)	M25X1.0-6H	.658	16.7	1.250	31.8	1.375	34.9	1.77	45.0	1.89	48.0	1.09	27.7	1.40	35.6	1.16	29.5	.839	21.3
19 (F)	M28X1.0-6H	.777	19.7	1.375	34.9	1.500	38.1	1.77	45.0	1.96	49.8	1.14	29.0	1.50	38.1	1.22	31.0	.934	23.7
21 (G)	M31X1.0-6H	.877	22.3	1.500	38.1	1.625	41.3	1.92	48.8	2.11	53.6	1.22	31.0	1.57	39.9	1.29	32.8	1.068	27.1
23 (H)	M34X1.0-6H	.999	25.4	1.625	41.3	1.750	44.5	1.95	49.5	2.18	55.4	1.28	32.5	1.67	42.4	1.36	34.5	1.197	30.4
25 (J)	M37X1.0-6H	1.127	28.6	1.750	44.5	1.875	47.6	1.98	50.3	2.25	57.2	1.34	34.0	1.73	43.9	1.43	36.3	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in	N Ref. mm	Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in	S Ref. mm
9 (A)	.97	24.6	.22	5.6	.264	6.7	9 (A)	.98	24.9	.33	8.4	.356	9.0
11 (B)	1.03	26.2	.29	7.4	.310	7.9	11 (B)	1.20	30.5	.45	11.4	.422	10.7
13 (C)	1.21	30.7	.34	8.6	.422	10.7	13 (C)	1.45	36.8	.62	15.7	.637	16.2
15 (D)	1.32	33.5	.45	11.4	.538	13.7	15 (D)	1.54	39.1	.68	17.3	.707	18.0
17 (E)	1.45	36.8	.55	14.0	.590	15.0	17 (E)	1.60	40.6	.80	20.3	.759	19.3
19 (F)	1.54	39.1	.65	16.5	.660	16.8	19 (F)	1.73	43.9	.90	22.9	.841	21.4
21 (G)	1.67	42.4	.74	18.8	.744	18.9	21 (G)	1.95	49.5	1.05	26.7	.996	25.3
23 (H)	1.79	45.5	.87	22.1	.826	21.0	23 (H)	2.08	52.8	1.18	30.0	1.060	26.9
25 (J)	1.92	48.8	.99	25.1	.896	22.8	25 (J)	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

- Coupling nut, body, arms, saddles: polyetherimide (PEI)/ unplated black
- Screws, washers, inserts: stainless steel/ passivated
- Anti-decoupling springs: thermoplastic
- Banding adapter: aluminum alloy or brass
- Band (optional): stainless steel/ passivated
- Clinch nuts: stainless steel/ silver plated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
9 - 13	601-061	601-601	8.125	206	.88	22.4
15 - 25	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

Self-Locking



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

TABLE 1 MATERIAL / FINISH

Aluminum	
M	Electroless nickel
MT	Nickel-PTFE
NF	Olive drab cadmium
NFS	Olive drab cadmium, selective (fig. 1)
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

Shielded, self-locking, adjustable arms. 870H005 aluminum or stainless steel Swing-Arm saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

870H005	M	23	A	S	K					
Base P/N	870H005									
Material/Finish	See Table 1									
Shell Size	Shell Size Code	9 A	11 B	13 C	15 D	17 E	19 F	21 G	23 H	25 J
Clamp Size	A	Standard Clamp								
	B	Large Clamp								
Banding Adapter Slots	Omit if not required. See Figure 2.									
	S	"T" Slots in Banding Adapter for Shield Pigtailed								
Band	Omit if not required.									
	K	Pre-Coiled Micro Band included With Clamp								
	J	Pre-Coiled Slim Micro Band included With Clamp								

FIGURE 1

MATERIAL / FINISH CODE **NFS**

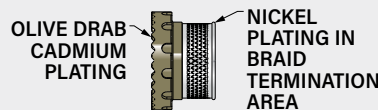
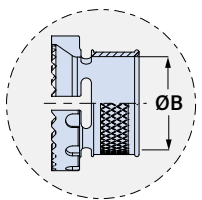


FIGURE 2

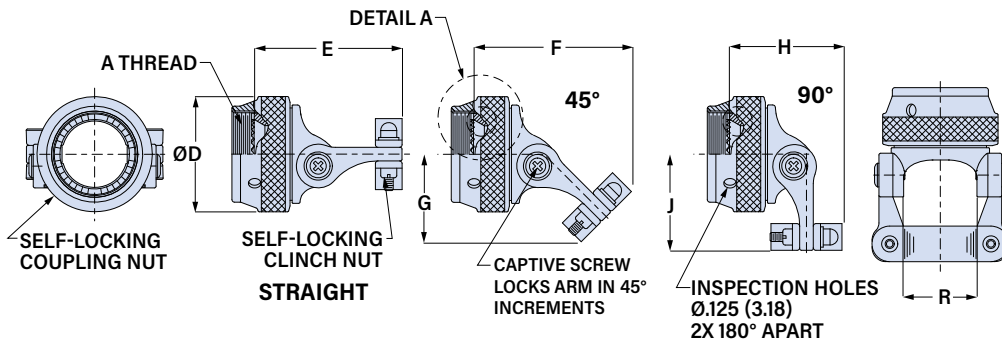
BANDING ADAPTER SLOTS



DETAIL A



BANDING ADAPTER WITH OPTIONAL T-SLOTS



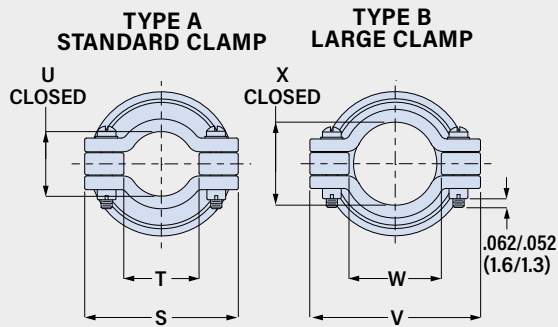
Shell Size	A Thread	ø B Min	D Max	E Max	F Max	G Max	H Max	J Max	R Ref.									
		in	mm	in	mm	in	mm	in	mm									
9 (A)	M12X1.0-6H	.178	4.5	.812	20.6	1.55	39.4	1.45	36.8	.77	19.6	.98	24.9	.87	22.1	.221	.393	10.0
11 (B)	M15X1.0-6H	.305	7.7	.938	23.8	1.61	40.9	1.56	39.6	.87	22.1	1.05	26.7	.96	24.4	.455	.455	11.6
13 (C)	M18X1.0-6H	.404	10.3	1.125	28.6	1.66	42.2	1.71	43.4	.97	24.6	1.22	31.0	1.03	26.2	.598	.598	15.2
15 (D)	M22X1.0-6H	.565	14.4	1.250	31.8	1.67	42.4	1.79	45.5	1.02	25.9	1.32	33.5	1.10	27.9	.710	.710	18.0
17 (E)	M25X1.0-6H	.658	16.7	1.375	34.9	1.77	45.0	1.88	47.8	1.08	27.4	1.38	35.1	1.16	29.5	.839	.839	21.3
19 (F)	M28X1.0-6H	.777	19.7	1.500	38.1	1.77	45.0	1.96	49.8	1.13	28.7	1.49	37.8	1.22	31.0	.934	.934	23.7
21 (G)	M31X1.0-6H	.877	22.3	1.625	41.3	1.92	48.8	2.13	54.1	1.24	31.5	1.61	40.9	1.29	32.8	1.068	1.068	27.1
23 (H)	M34X1.0-6H	.999	25.4	1.750	44.5	1.95	49.5	2.20	55.9	1.30	33.0	1.68	42.7	1.36	34.5	1.197	1.197	30.4
25 (J)	M37X1.0-6H	1.127	28.6	1.875	47.6	2.10	53.3	2.31	58.7	1.39	35.3	1.75	44.5	1.55	39.4	1.323	1.323	33.6

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

870H005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Shell Size	S Max in	S Max mm	T Min in	T Min mm	U Ref. in	U Ref. mm	Shell Size	V Max in	V Max mm	W Min in	W Min mm	X Ref. in	X Ref. mm
9 (A)	.97	24.6	.22	5.6	.264	6.7	9 (A)	.98	24.9	.33	8.4	.356	9.0
11 (B)	1.03	26.2	.29	7.4	.310	7.9	11 (B)	1.20	30.5	.45	11.4	.422	10.7
13 (C)	1.21	30.7	.34	8.6	.422	10.7	13 (C)	1.45	36.8	.62	15.7	.637	16.2
15 (D)	1.32	33.5	.45	11.4	.538	13.7	15 (D)	1.54	39.1	.68	17.3	.707	18.0
17 (E)	1.45	36.8	.55	14.0	.590	15.0	17 (E)	1.60	40.6	.80	20.3	.759	19.3
19 (F)	1.54	39.1	.65	16.5	.660	16.8	19 (F)	1.73	43.9	.90	22.9	.841	21.4
21 (G)	1.67	42.4	.74	18.8	.744	18.9	21 (G)	1.95	49.5	1.05	26.7	.996	25.3
23 (H)	1.79	45.5	.87	22.1	.826	21.0	23 (H)	2.08	52.8	1.18	30.0	1.060	26.9
25 (J)	1.92	48.8	.99	25.1	.896	22.8	25 (J)	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Aluminum (Codes M, MT, NF, NFS TZ, ZR)

Coupling nut, body, arms, saddles, interface ring: aluminum

Screws, washers, inserts: stainless steel/ passivated

Anti-decoupling springs: thermoplastic

Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF, NFS: stainless steel/ olive drab cadmium

Banding adapter: aluminum

Band (optional): stainless steel/ passivated

Stainless Steel (Codes BM, BMT, ZI, ZM)

Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated

Clinch nuts: stainless steel, silver plated

Banding adapter:

Code BM: brass/ electroless nickel

Code BMT: brass/ nickel-PTFE

Code ZI: stainless steel/ passivated

Code ZM: stainless steel/ electroless nickel

Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
9 - 13	601-061	601-601	8.125	206	.88	22.4
15 - 25	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

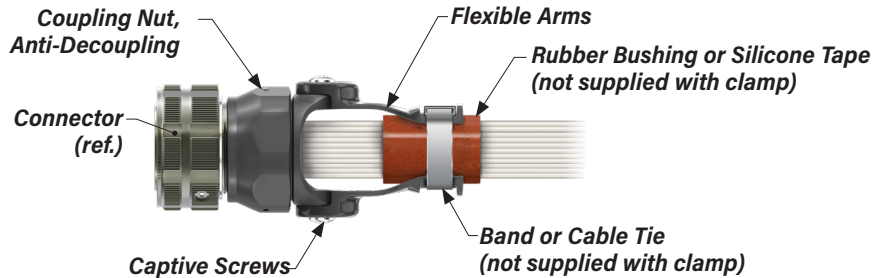
for MIL-DTL-38999 Series III and IV Connectors

871H001 Swing-Arm Flex Clamp

Self-Locking



Lightweight, self-locking, flexible arms. 871H001 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series III and IV connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Use banding strap or cable tie to secure arms to wire bundle. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Clamp and coupling nut are composite or aluminum, flex arms are PEEK. Passivated SST hardware.



Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

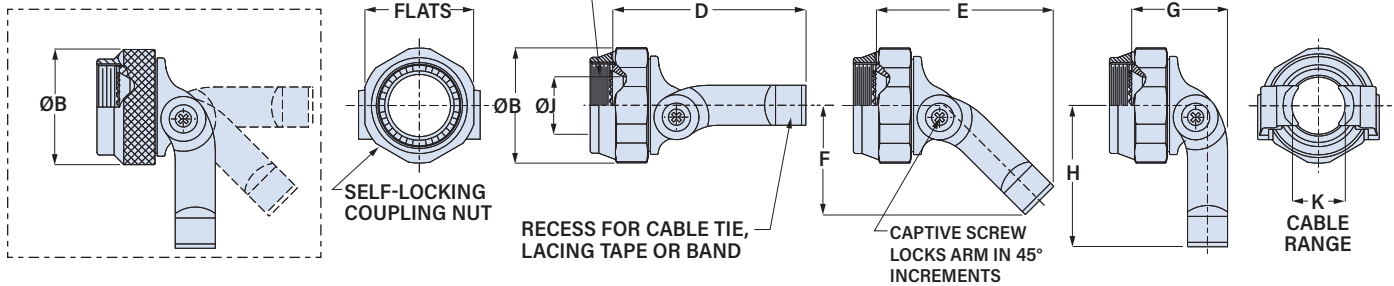
MATERIAL/FINISH

Body, coupling nut :
Code XB: polyetherimide, black
Codes M, MT, NF, TZ, ZR: aluminum alloy
Arms: PEEK, black
Hardware: stainless steel
Anti-decoupling spring: thermoplastic

PART NUMBER

		871H001	XB	13						
Base P/N	871H001									
Material/Finish	<i>Composite</i>									
	XB No Finish (Black)									
	<i>Aluminum</i>									
	M Electroless Nickel	<i>Material/Finish Code applies to coupling nut and clamp body. Flex arms are black thermoplastic.</i>								
	NF Olive Drab Cadmium									
MT Nickel-PTFR										
TZ Tin-Zinc										
ZR Black Zinc-Nickel										
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25

ALUMINUM ALLOY CONFIG. ROUND KNURLED COUPLING NUT



Shell Size	A Thread	øB Max		C Flats		D Max		E Max		F Max		G Max		H Max		øJ Min		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min		
9 (A)	M12X1.0-6H	.812	20.6	.750	19.1	1.69	42.9	1.46	37.1	.87	22.1	.85	21.6	1.12	28.4	.264	6.7	.393	10.0	.098	2.5
11 (B)	M15X1.0-6H	.938	23.8	.875	22.2	1.69	42.9	1.46	37.1	.89	22.6	.85	21.6	1.15	29.2	.390	9.9	.455	11.6	.121	3.1
13 (C)	M18X1.0-6H	1.125	28.6	1.000	25.4	1.97	50.0	1.77	45.0	1.10	27.9	.94	23.9	1.44	36.6	.504	12.8	.598	15.2	.157	4.0
15 (D)	M22X1.0-6H	1.250	31.8	1.125	28.6	1.97	50.0	1.77	45.0	1.32	33.5	.94	23.9	1.50	38.1	.630	16.0	.710	18.0	.210	5.3
17 (E)	M25X1.0-6H	1.375	34.9	1.250	31.8	2.18	55.4	2.02	51.3	1.28	32.5	1.10	27.9	1.68	42.7	.756	19.2	.839	21.3	.246	6.2
19 (F)	M28X1.0-6H	1.500	38.1	1.375	34.9	2.18	55.4	2.02	51.3	1.35	34.3	1.10	27.9	1.74	44.2	.843	21.4	.934	23.7	.277	7.0
21 (G)	M31X1.0-6H	1.625	41.3	1.500	38.1	2.64	67.1	2.43	61.7	1.63	41.4	1.26	32.0	2.12	53.8	.969	24.6	1.068	27.1	.313	8.0
23 (H)	M34X1.0-6H	1.750	44.5	1.625	41.3	2.64	67.1	2.43	61.7	1.67	42.4	1.26	32.0	2.16	54.9	1.091	27.7	1.197	30.4	.349	8.9
25 (J)	M37X1.0-6H	1.875	47.6	1.750	44.5	2.85	72.4	2.65	67.3	1.84	46.7	1.35	34.3	2.41	61.2	1.217	30.9	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H002 Swing-Arm Flex Clamp with Braid Sock, Composite

Self-Locking



Shielded. Lightweight. Self-locking. Adjustable arms. 871H002 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST ArmorLite®. Corrosion-resistant high performance thermoplastic meets AS85049 requirements. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

TABLE 1

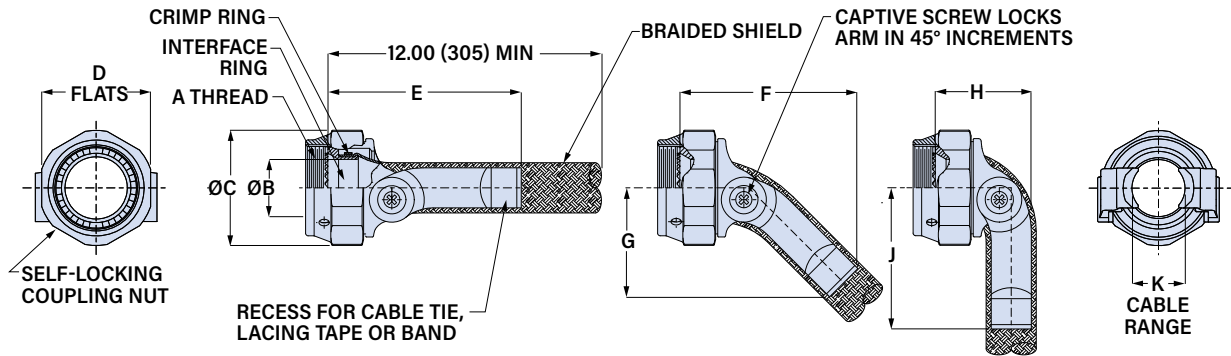
INTERFACE RING MATERIAL/ FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

871H002 BM 23 N J 14

Base P/N	871H002																														
Interface Ring Material/Finish	See Table 1																														
Shell Size	<table border="1"> <thead> <tr> <th>Shell Size</th> <th>9</th> <th>11</th> <th>13</th> <th>15</th> <th>17</th> <th>19</th> <th>21</th> <th>23</th> <th>25</th> </tr> <tr> <th>Size Code</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> <th>J</th> </tr> </thead> <tbody> <tr> <td></td> <td>09</td> <td>11</td> <td>13</td> <td>15</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> <td>25</td> </tr> </tbody> </table>	Shell Size	9	11	13	15	17	19	21	23	25	Size Code	A	B	C	D	E	F	G	H	J		09	11	13	15	17	19	21	23	25
Shell Size	9	11	13	15	17	19	21	23	25																						
Size Code	A	B	C	D	E	F	G	H	J																						
	09	11	13	15	17	19	21	23	25																						
Braid Type	<p>N 34 AWG Nickel/Copper Braid</p> <p>T 34 AWG Tin/Copper Braid</p> <p>A AmberStrand® Nickel/Composite Braid</p> <p>L ArmorLite® Microfilament Nickel/SST Braid</p>																														
Splice Ring and Band	<p>Omit if not required</p> <p>K Splice ring and standard band</p> <p>J Splice ring and slim standard band</p>																														
Braid Length	<p>Omit for standard 12 inch length</p> <p>14 Length in 1 inch increments, 6 inch min "14" = 14 inches.</p>																														



Shell Size	A Thread	ø B Min		ø C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
11 (B)	M15X1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
13 (C)	M18X1.0-6H	.504	12.8	1.125	28.6	1.000	25.4	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
15 (D)	M22X1.0-6H	.630	16.0	1.250	31.8	1.125	28.6	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
17 (E)	M25X1.0-6H	.756	19.2	1.375	34.9	1.250	31.8	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
19 (F)	M28X1.0-6H	.843	21.4	1.500	38.1	1.375	34.9	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
21 (G)	M31X1.0-6H	.969	24.6	1.625	41.3	1.500	38.1	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
23 (H)	M34X1.0-6H	1.091	27.7	1.750	44.5	1.625	41.3	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9
25 (J)	M37X1.0-6H	1.217	30.9	1.875	47.6	1.750	44.5	2.93	74.4	2.73	69.3	1.81	46.0	1.42	36.1	2.38	60.5	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H002 Swing-Arm Flex Clamp with Braid Sock, Composite

MATERIAL/FINISH

Coupling nut, body: polyetherimide (PEI)/unplated, black

Flex arms: PEEK (PEI)/unplated, black

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling spring: thermoplastic
interface Ring: brass or aluminum

Crimp ring: copper alloy/tin

Splice ring (optional): thermoplastic

Band (optional): stainless steel/passivated

Braid:

Code N: 34 AWG nickel-coated copper

Code T: 34 AWG tin-coated copper,

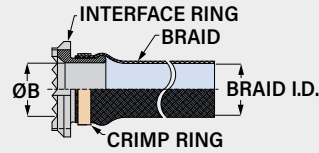
Code A: *AmberStrand*® ultralightweight

nickel-coated polymer

Code L: *ArmorLite*® lightweight

microfilament nickel-coated 316L stainless steel

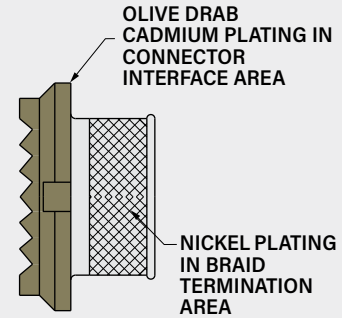
INTERFACE RING AND BRAID



Shell Size	Ø B Min		Braid I.D.	
	in	mm	in	mm
9 (A)	.264	6.7	.375	9.5
11 (B)	.390	9.9	.375	9.5
13 (C)	.504	12.8	.500	12.7
15 (D)	.630	16.0	.500	12.7
17 (E)	.756	19.2	.781	19.8
19 (F)	.843	21.4	.781	19.8
21 (G)	.969	24.6	1.000	25.4
23 (H)	1.091	27.7	1.000	25.4
25 (J)	1.217	30.9	1.250	31.8

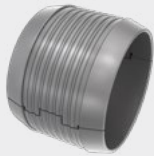
FIGURE 1

NF AND BN SELECTIVE FINISH



INTERFACE RING

SPLICE RING AND BAND (K AND J OPTIONS)



Splice Ring



Pre-Coiled Band

Optional split ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtailed and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Precoiled Band Part Number	
	Standard	Slim Standard
All	601-041	601-573

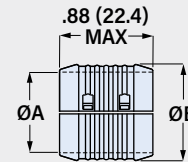


Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109

Shell Size	Splice Ring Part Number	ØA		ØB	
		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
9 (A)	687-207XB04	.25	6.4	.40	10.2
11 (B)	687-207XB06	.38	9.7	.53	13.5
13 (C)	687-207XB08	.50	12.7	.65	16.5
15 (D)	687-207XB10	.63	16.0	.78	19.8
17 (E)	687-207XB12	.75	19.1	.90	22.9
19 (F)	687-207XB14	.88	22.4	1.03	26.2
21 (G)	687-207XB16	1.00	25.4	1.15	29.2
23 (H)	687-207XB18	1.13	28.7	1.28	32.5
25 (J)	687-207XB20	1.25	31.8	1.40	35.6



687-207 SPLICE RING

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

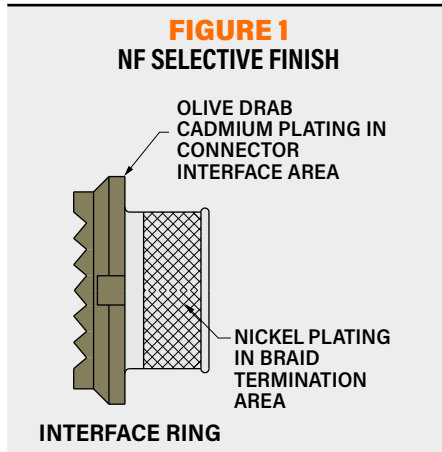
Self-Locking



Shielded. Lightweight. Self-locking. Adjustable arms. 871H003 Swing-Arm Flex Clamp has aluminum coupling nut and body with thermoplastic flex arms. Fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

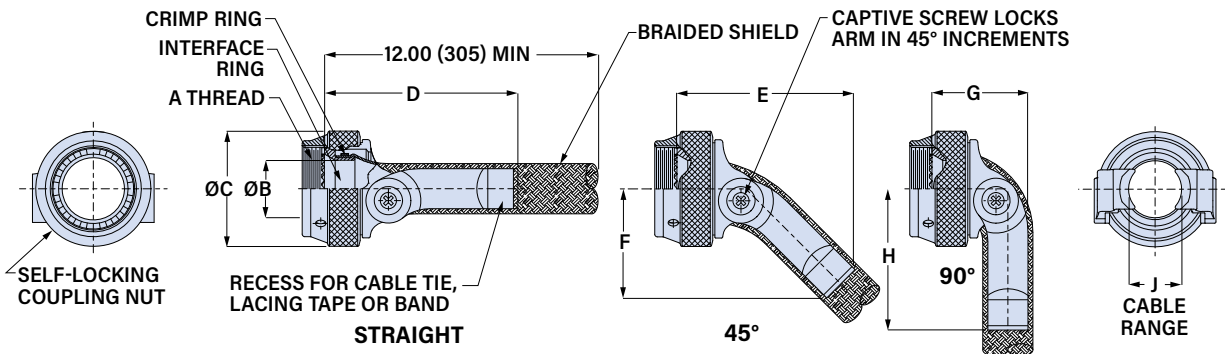
Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV



PART NUMBER

		871H003	M	23	N	J	14			
Base P/N	871H003									
Material/Finish	M	Electroless Nickel								
	NF	O. D. Cadmium, Selective (Figure 1)								
	MT	Nickel-PTFE								
	TZ	Tin-Zinc								
	ZR	Black Zinc-Nickel								
Shell Size	Shell Size	9 A	11 B	13 C	15 D	17 E	19 F	21 G	23 H	25 J
	Size Code	09	11	13	15	17	19	21	23	25
Braid Type	N	34 AWG Nickel/Copper Braid								
	T	34 AWG Tin/Copper Braid								
	A	AmberStrand® Nickel/Composite Braid								
	L	ArmorLite® Microfilament Nickel/SST Braid								
Splice Ring and Band	<i>Omit if not required</i>									
	K	Splice ring and standard band								
	J	Splice ring and slim standard band								
Braid Length	<i>Omit for standard 12 inch length</i>									
	14	Length in 1 inch increments, 6 inch min "14" = 14 inches.								



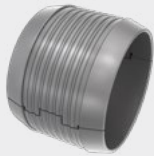
Shell Size	A Thread	Ø B Min		Ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
9 (A)	M12X1.0-6H	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
11 (B)	M15X1.0-6H	.390	9.9	.938	23.8	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
13 (C)	M18X1.0-6H	.504	12.8	1.125	28.6	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
15 (D)	M22X1.0-6H	.630	16.0	1.250	31.8	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
17 (E)	M25X1.0-6H	.756	19.2	1.375	34.9	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
19 (F)	M28X1.0-6H	.843	21.4	1.500	38.1	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
21 (G)	M31X1.0-6H	.969	24.6	1.625	41.3	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
23 (H)	M34X1.0-6H	1.091	27.7	1.750	44.5	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9
25 (J)	M37X1.0-6H	1.217	30.9	1.875	47.6	2.93	74.4	2.73	69.3	1.81	46.0	1.42	36.1	2.38	60.5	1.323	33.6	.380	9.7

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

SPLICE RING AND BAND (K AND J OPTIONS)



Splice Ring



Pre-Coiled Band

Optional split ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Precoiled Band Part Number	
	Standard	Slim Standard
All	601-041	601-573

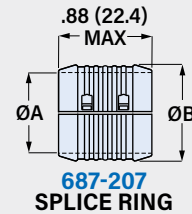


Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109

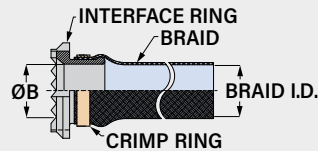
Shell Size	Splice Ring Part Number	øA		øB	
		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
9 (A)	687-207XB04	.25	6.4	.40	10.2
11 (B)	687-207XB06	.38	9.7	.53	13.5
13 (C)	687-207XB08	.50	12.7	.65	16.5
15 (D)	687-207XB10	.63	16.0	.78	19.8
17 (E)	687-207XB12	.75	19.1	.90	22.9
19 (F)	687-207XB14	.88	22.4	1.03	26.2
21 (G)	687-207XB16	1.00	25.4	1.15	29.2
23 (H)	687-207XB18	1.13	28.7	1.28	32.5
25 (J)	687-207XB20	1.25	31.8	1.40	35.6



MATERIAL/FINISH

- Coupling nut, body: aluminum
 - Flex arms: PEEK (PEI)/unplated, black
 - Screws, washers, inserts: stainless steel/passivated
 - Anti-decoupling spring: thermoplastic
 - interface ring: aluminum
 - Crimp ring: copper alloy/tin
 - Splice ring (optional): thermoplastic
 - Band (optional): stainless steel/passivated
- Braid:**
- Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: **AmberStrand**® ultralightweight nickel-coated polymer
 - Code L: **ArmorLite**® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	ø B Min		Braid I.D.	
	in	mm	in	mm
9 (A)	.264	6.7	.375	9.5
11 (B)	.390	9.9	.375	9.5
13 (C)	.504	12.8	.500	12.7
15 (D)	.630	16.0	.500	12.7
17 (E)	.756	19.2	.781	19.8
19 (F)	.843	21.4	.781	19.8
21 (G)	.969	24.6	1.000	25.4
23 (H)	1.091	27.7	1.000	25.4
25 (J)	1.217	30.9	1.250	31.8

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 871H004 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

871H004	M	23	S	K
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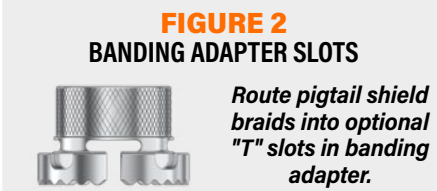
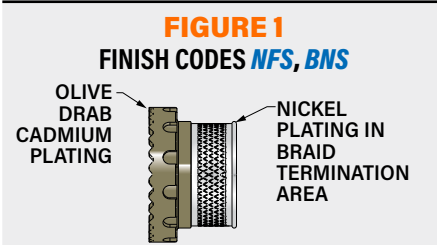
Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

Base P/N **871H004**

Banding Adapter Material/Finish

- M** Alum/Electroless Nickel
- NF** Alum/Olive Drab Cadmium
- NFS** Alum/O.D. Cadmium, selective (fig. 1)
- MT** Alum/Nickel-PTFE
- TZ** Alum/Tin-Zinc
- BM** Brass/Electroless Nickel
- BN** Brass/Olive Drab Cadmium
- BNS** Brass/O.D. Cadmium, selective (fig. 1)
- BMT** Brass/Nickel-PTFE

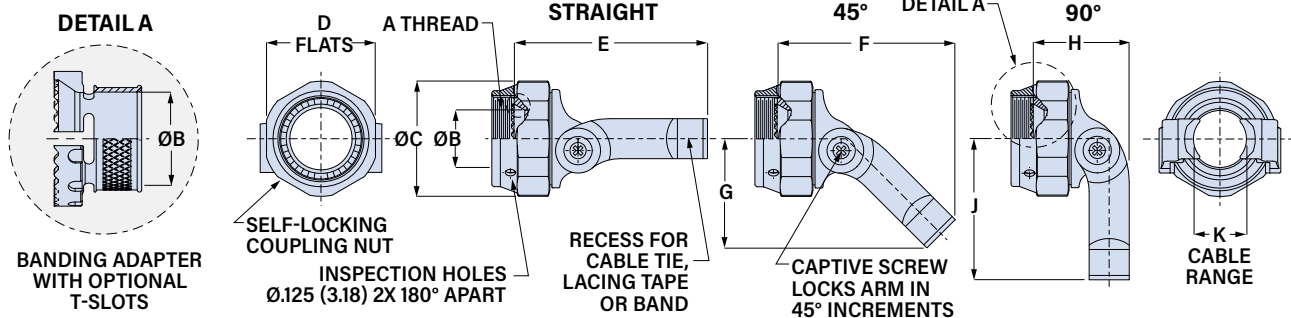


Shell Size

Shell Size	9	11	13	15	17	19	21	23	25
Size Code	09	11	13	15	17	19	21	23	25

Banding Adapter Slots **S** "T" Slots in Banding Adapter for Shield Pigtails

Band **K** Pre-Coiled Micro Band included With Clamp
J Pre-Coiled Slim Micro Band included With Clamp



Shell Size	A Thread	Ø B Min		Ø C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
9 (A)	M12X1.0-6H	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.57	39.9	.87	22.1	.96	24.4	1.12	28.4	.393	10.0	.098	2.5
11 (B)	M15X1.0-6H	.305	7.8	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.96	24.4	1.15	29.2	.455	11.6	.121	3.1
13 (C)	M18X1.0-6H	.404	10.3	1.125	28.6	1.000	25.4	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
15 (D)	M22X1.0-6H	.565	14.4	1.250	31.8	1.125	28.6	2.08	52.8	1.88	47.8	1.16	29.5	1.32	33.5	1.50	38.1	.710	18.0	.210	5.3
17 (E)	M25X1.0-6H	.658	16.7	1.375	34.9	1.250	31.8	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
19 (F)	M28X1.0-6H	.777	19.7	1.500	38.1	1.375	34.9	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.81	46.0	.934	23.7	.277	7.0
21 (G)	M31X1.0-6H	.877	22.3	1.625	41.3	1.500	38.1	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
23 (H)	M34X1.0-6H	.999	25.4	1.750	44.5	1.625	41.3	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9
25 (J)	M37X1.0-6H	1.127	28.6	1.875	47.6	1.750	44.5	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6	.380	9.7



Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

MATERIAL /FINISH

- Coupling nut, body, arms: thermoplastic, black
- Screws, washers, inserts: stainless steel/ passivated
- Anti-decoupling springs: thermoplastic
- Banding adapter: aluminum alloy or brass
- Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Band



**Micro Band Tool
601-101**



**Slim Micro Band Tool
601-122**

Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length		Max Diameter	
			in	mm	in	mm
9 - 13	601-061	601-601	8.125	206	.88	22.4
15 - 25	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H005 Swing-Arm Flex Clamp, EMI Banding Adapter, Aluminum

Self-Locking

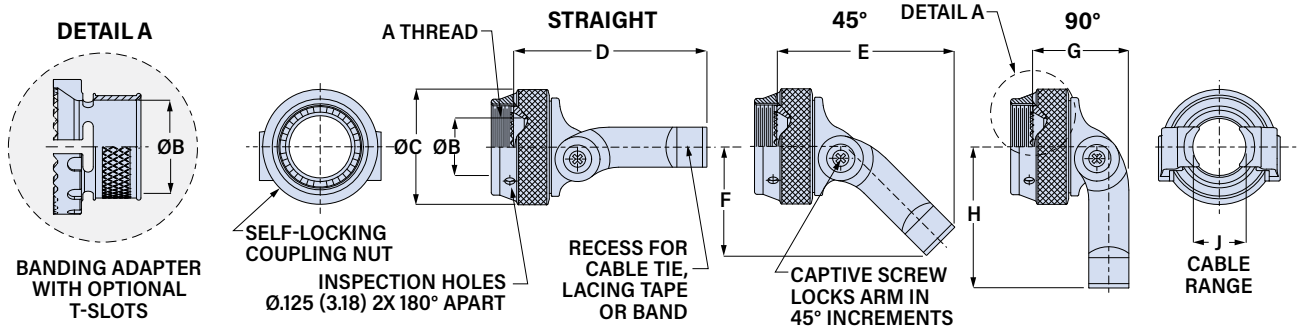
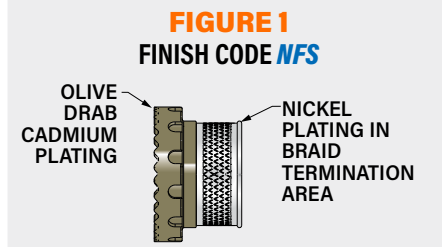


Shielded, self-locking, adjustable arms. 871H005 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series III and IV connectors. Aluminum coupling nut and body, flex arms are high strength thermoplastic. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code H
This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PART NUMBER

Base P/N	871H005	871H005	M	19	S	K				
Material/Finish	M	Alum/Electroless Nickel								
	NF	Alum/Olive Drab Cadmium								
	NFS	Alum/O.D. Cadmium, selective (fig. 1)								
	MT	Alum/Nickel-PTFE								
	TZ	Alum/Tin-Zinc								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	09	11	13	15	17	19	21	23	25
Banding Adapter Slots	Omit if not required. See Detail A.									
Band	Omit if not required.									
	S	"T" Slots in Banding Adapter for Shield Pigtailed								
	K	Pre-Coiled Micro Band included With Clamp								
	J	Pre-Coiled Slim Micro Band included With Clamp								



Shell Size	A Thread	ø B		ø C		D		E		F		G		H		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
9 (A)	M12X1.0-6H	.178	4.5	.812	20.6	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
11 (B)	M15X1.0-6H	.305	7.8	.938	23.8	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
13 (C)	M18X1.0-6H	.404	10.3	1.125	28.6	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
15 (D)	M22X1.0-6H	.565	14.4	1.250	31.8	2.08	52.8	1.88	47.8	1.16	29.5	1.05	26.7	1.50	38.1	.710	18.0	.210	5.3
17 (E)	M25X1.0-6H	.658	16.7	1.375	34.9	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
19 (F)	M28X1.0-6H	.777	19.7	1.500	38.1	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.74	44.2	.934	23.7	.277	7.0
21 (G)	M31X1.0-6H	.877	22.3	1.625	41.3	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
23 (H)	M34X1.0-6H	.999	25.4	1.750	44.5	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9
25 (J)	M37X1.0-6H	1.127	28.6	1.875	47.6	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6	.380	9.7

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Pre-Coiled MicroBand
601-065



Pre-Coiled Slim MicroBand
601-603

MATERIAL/FINISH

Coupling nut, body, banding adapter: aluminum
Flex arms: high-strength thermoplastic
Screws, washers, inserts: sst/passivated
Anti-decoupling springs: thermoplastic
Band (optional): stainless steel/ passivated

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M001 Swing-Arm Saddle Clamp

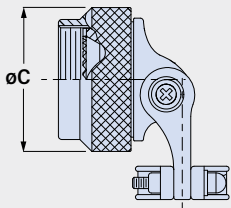
Self-Locking



Self-locking, adjustable arms. 870M001 Swing-Arm saddle clamp fits Glenair Series 80 Mighty Mouse connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threaded inserts to withstand high vibration. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Available in composite, aluminum or stainless steel.

Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors

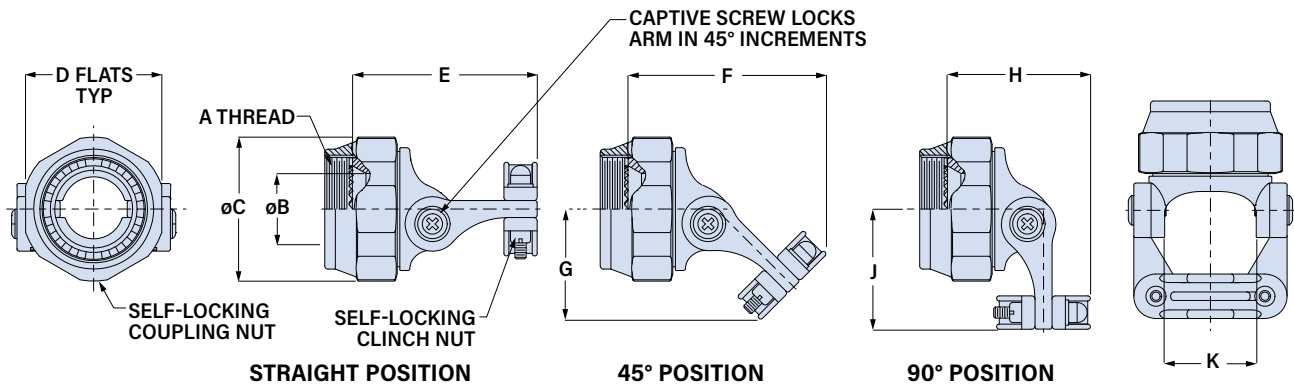
ALUMINUM AND SST VERSIONS



Aluminum and stainless steel versions have round knurled coupling nuts.

PART NUMBER

	870M001	XB	22	B
Base P/N	870M001			
Material/Finish	<i>Composite</i>			
	XB No Finish (Black)			
	<i>Aluminum</i>			
	M Electroless Nickel			
	NF Olive Drab Cadmium			
	MT Nickel-PTFR			
Material/Finish	TZ Tin-Zinc			
	ZR Black Zinc-Nickel			
	<i>Stainless Steel</i>			
Material/Finish	ZI Passivated			
	Size Code	07 09 12 14 16 17 See table below for size code		
Clamp Size	A	Standard Clamp		
	B	Large Clamp		



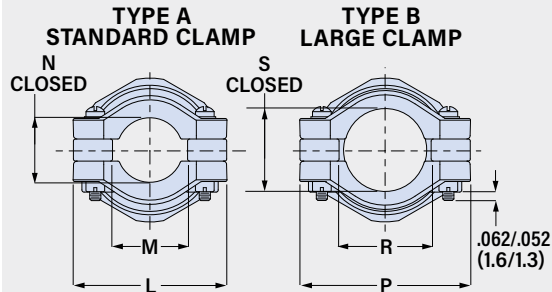
Size Code	Shell Size Series		A Thread UNEF-2B	øB Min		øC Max		D Flats Max		E Max		F Max		G Max		H Max		J Max		K Ref.	
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
07	7	9	0.4375-28	.264	6.7	.812	20.6	.750	19.1	1.43	36.3	1.35	34.3	.78	19.8	.91	23.1	.87	22.1	.393	10.0
09	9	11	0.5625-24	.390	9.9	.938	23.8	.875	22.2	1.50	38.1	1.45	36.8	.87	22.1	.94	23.9	.96	24.4	.455	11.6
12	11, 12, 13	13	0.6875-24	.504	12.8	1.125	28.6	1.000	25.4	1.56	39.6	1.60	40.6	.97	24.6	1.12	28.4	1.03	26.2	.598	15.2
14	14, 15, 16, 17	18, 19	0.9375-20	.756	19.2	1.375	34.9	1.250	31.8	1.66	42.2	1.78	45.2	1.09	27.7	1.29	32.8	1.16	29.5	.839	21.3
16	19	21	1.0625-18	.843	21.4	1.500	38.1	1.375	34.9	1.66	42.2	1.86	47.2	1.14	29.0	1.39	35.3	1.22	31.0	.934	23.7
17	21	23	1.1875-18	.969	24.6	1.625	41.3	1.500	38.1	1.81	46.0	2.02	51.3	1.24	31.5	1.50	38.1	1.29	32.8	1.068	27.1

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M001 Swing-Arm Saddle Clamp

CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Size Code	L Max in	L Max mm	M Min in	M Min mm	N Ref. in mm		Size Code	P Max in	P Max mm	R Min in	R Min mm	S Ref. in mm	
07	.98	24.9	.22	5.6	.265	6.7	07	.98	24.9	.33	8.4	.356	9.0
09	1.05	26.7	.27	6.9	.310	7.9	09	1.20	30.5	.45	11.4	.422	10.7
12	1.20	30.5	.35	8.9	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.44	36.6	.55	14.0	.590	15.0	14	1.60	40.6	.80	20.3	.759	19.3
16	1.56	39.6	.62	15.7	.660	16.8	16	1.73	43.9	.90	22.9	.841	21.4
17	1.69	42.9	.70	17.8	.744	18.9	17	1.95	49.5	1.05	26.7	.996	25.3

MATERIAL/FINISH

Composite (Code XB)

Coupling nut, body, arms, saddles:
polyetherimide (PEI), unplated

Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: stainless steel, silver plated

Aluminum (Codes M, MT, NF, TZ, ZR)

Coupling nut, body, arms, saddles: aluminum
Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: thermoplastic
Clinch Nuts: Codes M, MT, TZ and ZR:

stainless steel, silver plated.

Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Code Z1)

Coupling nut, body, arms, saddles: SST

Screws, washers, inserts: stainless steel/
passivated

Anti-decoupling springs: stainless steel

Clinch Nuts: stainless steel, silver plated



Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M002 Swing-Arm Saddle Clamp, Braid Sock, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870M002 composite Swing-Arm saddle clamp fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant glass-reinforced thermoplastic meets AS85049 requirements. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code M

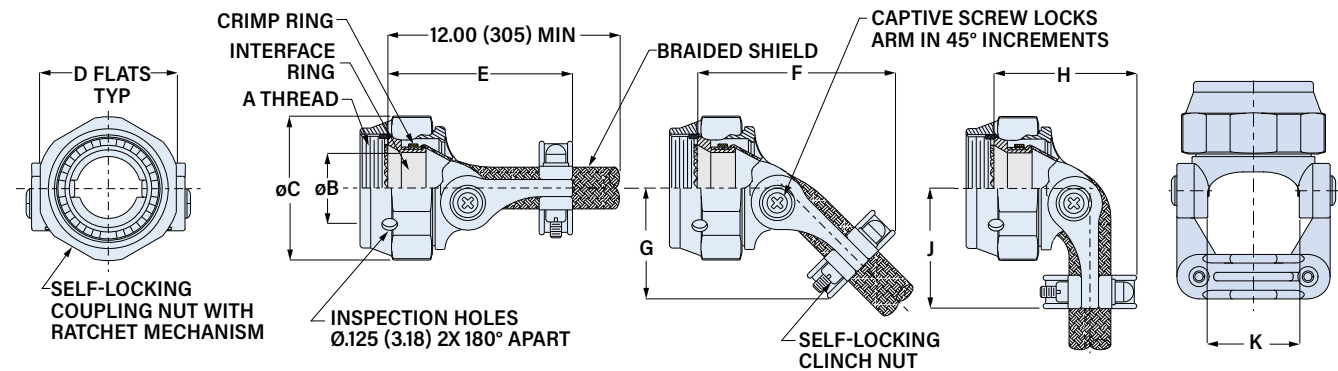
This accessory fits Series 80 Mighty Mouse Connectors

TABLE 1
INTERFACE RING MATERIAL / FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

	870M002	BM	12	A	N	J	14
Base P/N	870M002						
Interface Ring Material/Finish	See Table 1						
Shell Size	07 08 09 10 12 13 14 16 17						
	See table below for size code						
Clamp Size	See Clamp Dimensions on next page						
	A Standard Clamp B Large Clamp						
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid						
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band						
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.						



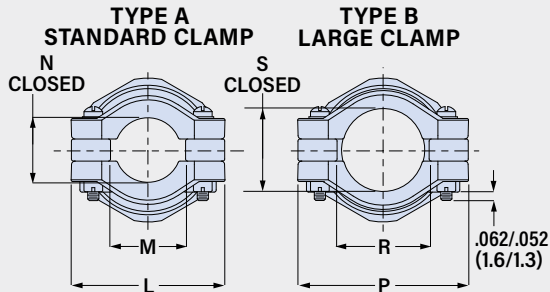
Size Code	Shell Size Series		A Thread	øB Min		øC Max		D Flats Max		E Max		F Max		G Max		H Max		J Max		K Ref.	
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
07	7	9	0.4375-28	.264	6.7	.812	20.6	.750	19.1	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
08	8	10	0.500-28	.264	6.7	.812	20.6	.750	19.1	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
09	9	11	0.5625-24	.392	10.0	.938	23.8	.875	22.2	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
10	10	12	0.625-24	.392	10.0	.938	23.8	.875	22.2	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
12	11, 12, 13	13	0.6875-24	.506	12.9	1.125	28.6	1.000	25.4	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
13	N/A	15	0.750-20	.506	12.9	1.125	28.6	1.000	25.4	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
14	14, 15, 16, 17	18, 19	0.9375-20	.756	19.2	1.375	34.9	1.250	31.8	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
16	19	21	1.0625-18	.844	21.4	1.500	38.1	1.375	34.9	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
17	21	23	1.1875-18	.970	24.6	1.625	41.3	1.500	38.1	1.73	43.9	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M002 Swing-Arm Saddle Clamp, Braid Sock, Composite

CLAMP DIMENSIONS

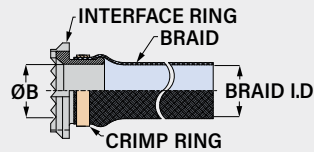


Standard Clamp								Large Clamp							
Size Code	L Max in	L Max mm	M Min in	M Min mm	N Ref. in	N Ref. mm		Size Code	P Max in	P Max mm	R Min in	R Min mm	S Ref. in	S Ref. mm	
07	.98	24.9	.22	5.6	.265	6.7		07	.98	24.9	.33	8.4	.356	9.0	
08	.98	24.9	.22	5.6	.265	6.7		08	.98	24.9	.33	8.4	.356	9.0	
09	1.05	26.7	.27	6.9	.310	7.9		09	1.20	30.5	.45	11.4	.422	10.7	
10	1.05	26.7	.27	6.9	.310	7.9		10	1.20	30.5	.45	11.4	.422	10.7	
12	1.20	30.5	.35	8.9	.422	10.7		12	1.45	36.8	.62	15.7	.637	16.2	
13	1.20	30.5	.35	8.9	.422	10.7		13	1.45	36.8	.62	15.7	.637	16.2	
14	1.44	36.6	.55	14.0	.590	15.0		14	1.60	40.6	.80	20.3	.759	19.3	
16	1.56	39.6	.62	15.7	.660	16.8		16	1.73	43.9	.90	22.9	.841	21.4	
17	1.69	42.9	.70	17.8	.744	18.9		17	1.95	49.5	1.05	26.7	.996	25.3	

MATERIAL/FINISH

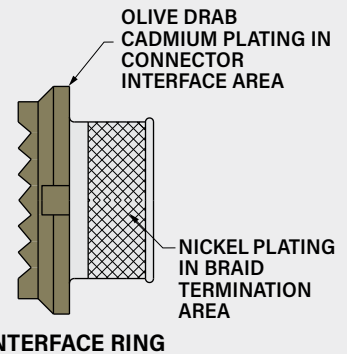
- Coupling nut, body, arms, saddles: polyetherimide (PEI)/unplated
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- interface ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Clinch Nuts: stainless steel/silver
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Size Code	Ø B Min in	Ø B Min mm	Braid I.D. in	Braid I.D. mm
07	.264	6.7	.375	9.53
08	.264	6.7	.375	9.53
09	.392	10.0	.375	9.53
10	.392	10.0	.375	9.53
12	.506	12.9	.500	12.70
13	.506	12.9	.500	12.70
14	.756	19.2	.781	19.84
16	.844	21.4	1.000	25.40
17	.970	24.6	1.000	25.40

FIGURE 1 NF AND BN SELECTIVE FINISH



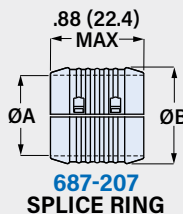
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Size Code	Band Part Number		Splice Ring Part Number	ØA		ØB	
	Standard	Slim Standard		± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm
07, 08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09, 10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
13	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
14	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
16	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
17	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2



Banding Tool for Standard Band 601-100



Banding Tool for Slim Standard Band 601-109

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

Self-Locking



Shielded, self-locking, adjustable arms. 870M003 stainless steel or aluminum Swing-Arm saddle clamp fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

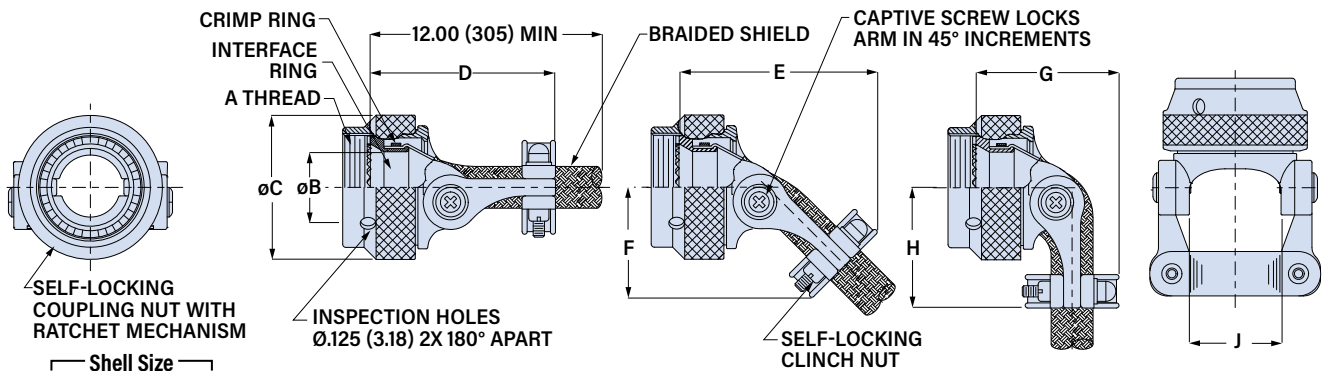
Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors

TABLE 1 MATERIAL / FINISH

Aluminum	
M	Electroless nickel
NF	Olive drab cadmium, selective (fig. 1)
MT	Nickel-PTFE
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

PART NUMBER

870M003	M	12	B	L	K	14
Base P/N	870M003					
Material/Finish	See Table 1					
Shell Size	07 08 09 10 12 13 14 16 17 See table below for size code					
Clamp Size	See Clamp Dimensions on next page A Standard Clamp B Large Clamp					
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid					
Splice Ring and Band	Omit if not required. See "Splice Ring and Band" on next page. K Splice ring and standard band J Splice ring and slim standard band					
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.					



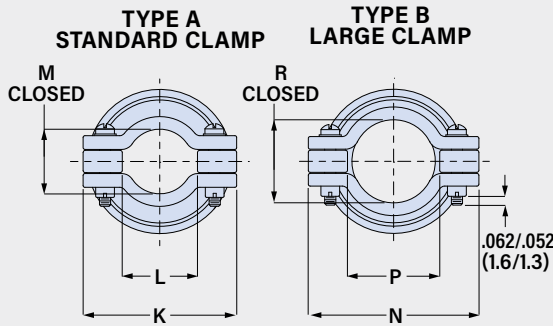
Size Code	Shell Size Series		A Thread	B Min		øC Max		D Max		E Max		F Max		G Max		H Max		J Ref.	
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
07	7	9	0.4375-28	.264	6.7	.812	20.6	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
08	8	10	0.500-28	.264	6.7	.812	20.6	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
09	9	11	0.5625-24	.392	10.0	.938	23.8	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
10	10	12	0.625-24	.392	10.0	.938	23.8	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
12	11, 12, 13	13	0.6875-24	.506	12.9	1.125	28.6	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
13	N/A	15	0.750-20	.506	12.9	1.125	28.6	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
14	14, 15, 16, 17	18, 19	0.9375-20	.756	19.2	1.375	34.9	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
16	19	21	1.0625-18	.844	21.4	1.500	38.1	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
17	21	23	1.1875-18	.970	24.6	1.625	41.3	1.88	47.8	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Size Code	L Max in	L Max mm	M Min in	M Min mm	N Ref. in mm		Size Code	P Max in	P Max mm	R Min in	R Min mm	S Ref. in mm	
07	.98	24.9	.22	5.6	.265	6.7	07	.98	24.9	.33	8.4	.356	9.0
08	.98	24.9	.22	5.6	.265	6.7	08	.98	24.9	.33	8.4	.356	9.0
09	1.05	26.7	.27	6.9	.310	7.9	09	1.20	30.5	.45	11.4	.422	10.7
10	1.05	26.7	.27	6.9	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.20	30.5	.35	8.9	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
13	1.20	30.5	.35	8.9	.422	10.7	13	1.45	36.8	.62	15.7	.637	16.2
14	1.44	36.6	.55	14.0	.590	15.0	14	1.60	40.6	.80	20.3	.759	19.3
16	1.56	39.6	.62	15.7	.660	16.8	16	1.73	43.9	.90	22.9	.841	21.4
17	1.69	42.9	.70	17.8	.744	18.9	17	1.95	49.5	1.05	26.7	.996	25.3

MATERIAL/FINISH

Aluminum (Codes M, MT, NF, TZ, ZR)
Coupling nut, body, arms, saddles, interface ring: aluminum

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling spring: thermoplastic

Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Codes BM, BMT, Z1, ZM)

Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated

Clinch nuts: stainless steel, silver plated
interface ring: brass (codes BM, BMT) or stainless steel (Z1, ZM)

Braid:

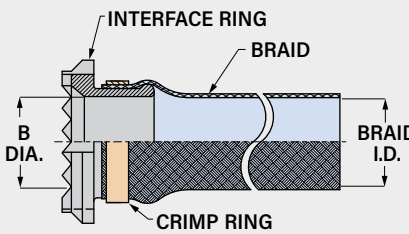
Code N: 34 AWG nickel-coated copper

Code T: 34 AWG tin-coated copper,

Code A: *AmberStrand*® ultralightweight nickel-coated polymer

Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Size Code	ø B in	B Min mm	Braid I.D. in	Braid I.D. mm
07	.264	6.7	.375	9.53
08	.264	6.7	.375	9.53
09	.392	10.0	.375	9.53
10	.392	10.0	.375	9.53
12	.506	12.9	.500	12.70
13	.506	12.9	.500	12.70
14	.756	19.2	.781	19.84
16	.844	21.4	1.000	25.40
17	.970	24.6	1.000	25.40

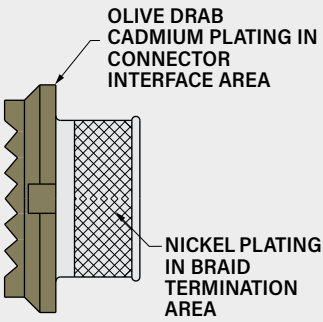
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid sock to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool. *Slim Standard Band* is 50% lighter weight than standard band with no reduction in strength.



Size Code	Band Part Number		Splice Ring Part Number	øA		øB	
	Standard	Slim Standard		± .03 (0.8) in	± .03 (0.8) mm	± .03 (0.8) in	± .03 (0.8) mm
07, 08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09, 10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
13	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
14	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
16	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
17	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2

FIGURE 1
NF SELECTIVE FINISH



INTERFACE RING

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

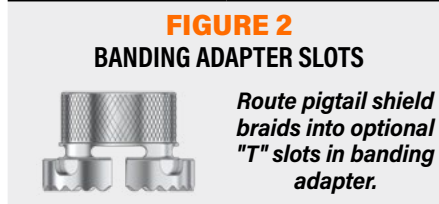
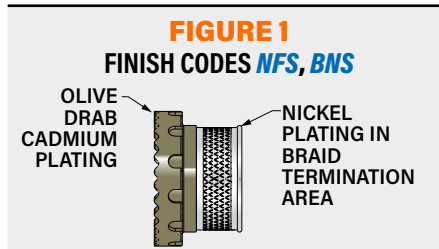
870M004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870M004 Swing-Arm saddle clamp fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

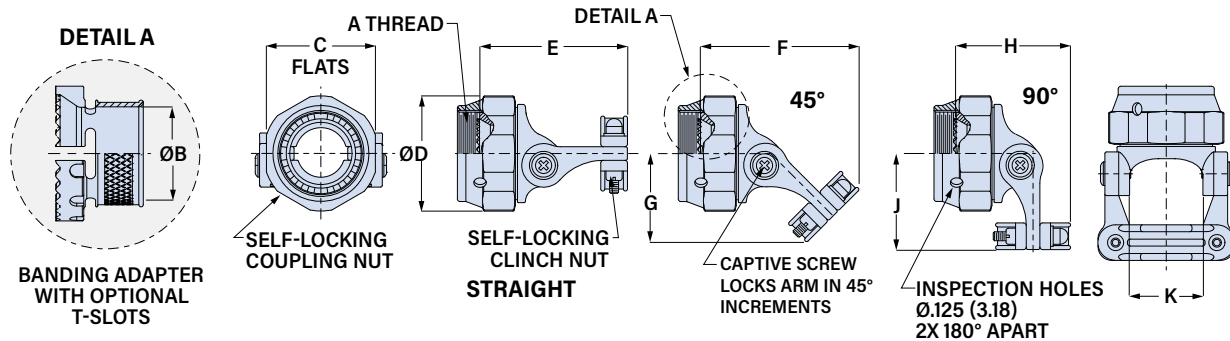
Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors



PART NUMBER

870M004 M 12 A S K

Base P/N	870M004
Banding Adapter Material/Finish	<p>M Alum/Electroless Nickel</p> <p>NF Alum/Olive Drab Cadmium</p> <p>NFS Alum/O.D. Cadmium, selective (fig. 1)</p> <p>MT Alum/Nickel-PTFE</p> <p>TZ Alum/Tin-Zinc</p> <p>BM Brass/Electroless Nickel</p> <p>BN Brass/Olive Drab Cadmium</p> <p>BNS Brass/O.D. Cadmium, selective (fig. 1)</p> <p>BMT Brass/Nickel-PTFE</p>
Shell Size	07 08 09 10 12 13 14 16 17 See table below for size code
Clamp Size	A Standard Clamp B Large Clamp
Banding Adapter Slots	Omit if not required. See Figure 2. S "T" Slots in Banding Adapter for Shield Pigtailed
Band	Omit if not required. K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp



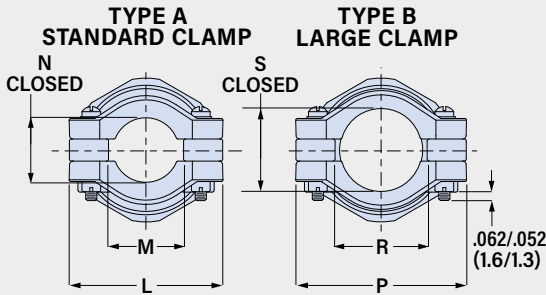
Size Code	Shell Size Series		A Thread UNEF-2B	B Min		C Flats Max		øD Max		E Max		F Max		G Max		H Max		J Max		K Ref.	
	800, 801, 803, 804	805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
07	7	9	0.4375-28	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
08	8	10	0.500-28	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
09	9	11	0.5625-24	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
10	10	12	0.625-24	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
12	11, 12, 13	13	0.6875-24	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
13	N/A	15	0.750-20	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
14	14, 15, 16, 17	18, 19	0.9375-20	.631	16.0	1.250	31.8	1.375	34.9	1.77	45.0	1.89	48.0	1.09	27.7	1.40	35.6	1.16	29.5	.839	21.3
16	19	21	1.0625-18	.748	19.0	1.375	34.9	1.500	38.1	1.77	45.0	1.96	49.8	1.14	29.0	1.50	38.1	1.22	31.0	.934	23.7
17	21	23	1.1875-18	.877	22.3	1.500	38.1	1.625	41.3	1.92	48.8	2.11	53.6	1.22	31.0	1.57	39.9	1.29	32.8	1.068	27.1

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Size Code	L Max		M Min		N Ref.		Size Code	P Max		R Min		S Ref.	
	in	mm	in	mm	in	mm		in	mm	in	mm	in	mm
07	.98	24.9	.22	5.6	.265	6.7	07	.98	24.9	.33	8.4	.356	9.0
08	.98	24.9	.22	5.6	.265	6.7	08	.98	24.9	.33	8.4	.356	9.0
09	1.05	26.7	.27	6.9	.310	7.9	09	1.20	30.5	.45	11.4	.422	10.7
10	1.05	26.7	.27	6.9	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.20	30.5	.35	8.9	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
13	1.20	30.5	.35	8.9	.422	10.7	13	1.45	36.8	.62	15.7	.637	16.2
14	1.44	36.6	.55	14.0	.590	15.0	14	1.60	40.6	.80	20.3	.759	19.3
16	1.56	39.6	.62	15.7	.660	16.8	16	1.73	43.9	.90	22.9	.841	21.4
17	1.69	42.9	.70	17.8	.744	18.9	17	1.95	49.5	1.05	26.7	.996	25.3

MATERIAL/FINISH

- Coupling nut, body, arms, saddles: polyetherimide (PEI)/ unplated black
- Screws, washers, inserts: stainless steel/ passivated
- Anti-decoupling springs: thermoplastic
- Banding adapter: aluminum alloy or brass
- Band (optional): stainless steel/ passivated
- Clinch Nuts: stainless steel/ silver plated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Size Code	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length		Max Diameter	
			in	mm	in	mm
07 - 12	601-061	601-601	8.125	206	.88	22.4
13 - 17	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

Self-Locking



Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

TABLE 1 MATERIAL / FINISH

Aluminum	
M	Electroless nickel
MT	Nickel-PTFE
NF	Olive drab cadmium
NFS	Olive drab cadmium, selective (fig. 1)
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

Shielded, self-locking, adjustable arms. 870M005 aluminum or stainless steel Swing-Arm saddle clamp fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

Base P/N	870M005	M	13	A	S	K
Material/Finish	See Table 1					
Shell Size	07 08 09 10 12 13 14 16 17 See table below for size code					
Clamp Size	A Standard Clamp B Large Clamp					
Banding Adapter Slots	Omit if not required. See Figure 2. S "T" Slots in Banding Adapter for Shield Pigtailed					
Band	Omit if not required. K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp					

FIGURE 1

MATERIAL / FINISH CODE NFS

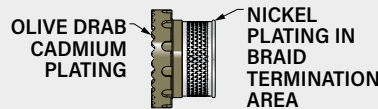
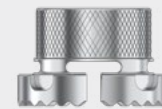


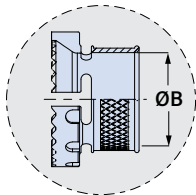
FIGURE 2

BANDING ADAPTER SLOTS



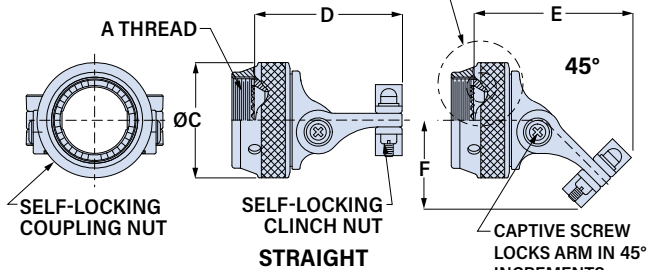
Route pigtail shield braids into optional "T" slots in banding adapter.

DETAIL A



BANDING ADAPTER WITH OPTIONAL T-SLOTS

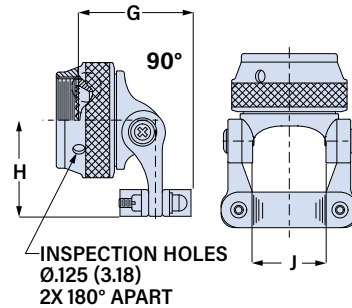
DETAIL A



SELF-LOCKING COUPLING NUT

SELF-LOCKING CLINCH NUT STRAIGHT

CAPTIVE SCREW LOCKS ARM IN 45° INCREMENTS



INSPECTION HOLES Ø.125 (3.18) 2X 180° APART

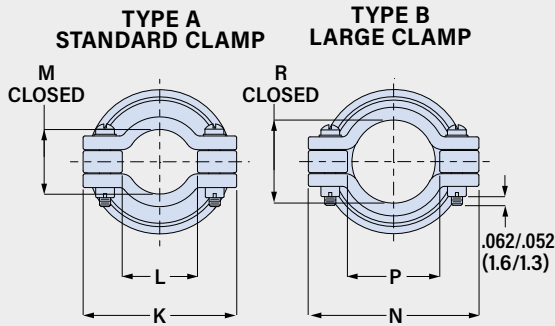
Size Code	Shell Size Series		A Thread UNEF-2B	B Min		øC Max		D Max		E Max		F Max		G Max		H Max		J Ref.	
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
07	7	9	0.4375-28	.178	4.5	.812	20.6	1.55	39.4	1.45	36.8	.77	19.6	.98	24.9	.87	22.1	.393	10.0
08	8	10	0.500-28	.178	4.5	.812	20.6	1.55	39.4	1.45	36.8	.77	19.6	.98	24.9	.87	22.1	.393	10.0
09	9	11	0.5625-24	.305	7.7	.938	23.8	1.61	40.9	1.56	39.6	.87	22.1	1.05	26.7	.96	24.4	.455	11.6
10	10	12	0.625-24	.305	7.7	.938	23.8	1.61	40.9	1.56	39.6	.87	22.1	1.05	26.7	.96	24.4	.455	11.6
12	11, 12, 13	13	0.6875-24	.404	10.3	1.125	28.6	1.66	42.2	1.71	43.4	.97	24.6	1.22	31.0	1.03	26.2	.598	15.2
13	N/A	15	0.750-20	.404	10.3	1.125	28.6	1.66	42.2	1.71	43.4	.97	24.6	1.22	31.0	1.03	26.2	.598	15.2
14	14, 15, 16, 17	18, 19	0.9375-20	.631	16.0	1.375	34.9	1.77	45.0	1.88	47.8	1.08	27.4	1.38	35.1	1.16	29.5	.839	21.3
16	19	21	1.0625-18	.748	19.0	1.500	38.1	1.77	45.0	1.96	49.8	1.13	28.7	1.49	37.8	1.22	31.0	.934	23.7
17	21	23	1.1875-18	.877	22.3	1.625	41.3	1.92	48.8	2.13	54.1	1.24	31.5	1.61	40.9	1.29	32.8	1.068	27.1

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Size Code	K Max in	K Max mm	L Min in	L Min mm	M Ref. in	M Ref. mm	Shell Size	N Max in	N Max mm	P Min in	P Min mm	R Ref. in	R Ref. mm
07	.97	24.6	.22	5.6	.264	6.7	07	.98	24.9	.33	8.4	.356	9.0
08	.97	24.6	.22	5.6	.264	6.7	08	.98	24.9	.33	8.4	.356	9.0
09	1.03	26.2	.29	7.4	.310	7.9	09	1.20	30.5	.45	11.4	.422	10.7
10	1.03	26.2	.29	7.4	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.21	30.7	.34	8.6	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
13	1.21	30.7	.34	8.6	.422	10.7	13	1.45	36.8	.62	15.7	.637	16.2
14	1.45	36.8	.55	14.0	.590	15.0	14	1.60	40.6	.80	20.3	.759	19.3
16	1.54	39.1	.65	16.5	.660	16.8	16	1.73	43.9	.90	22.9	.841	21.4
17	1.67	42.4	.74	18.8	.744	18.9	17	1.95	49.5	1.05	26.7	.996	25.3

MATERIAL/FINISH

Aluminum (Codes M, MT, NF, NFS TZ, ZR)
 Coupling nut, body, arms, saddles: aluminum
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF, NFS: stainless steel/ olive drab cadmium
 Banding adapter: aluminum
 Band (optional): stainless steel/ passivated

Stainless Steel (Codes BM, BMT, Z1, ZM)
 Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
 Clinch nuts: stainless steel, silver plated
 Banding adapter:
 Code BM: brass/ electroless nickel
 Code BMT: brass/ nickel-PTFE
 Code Z1: stainless steel/ passivated
 Code ZM: stainless steel/ electroless nickel
 Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Size Code	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
07 - 12	601-061	601-601	8.125	206	.88	22.4
13 - 17	601-065	601-603	14.25	362	1.88	47.8

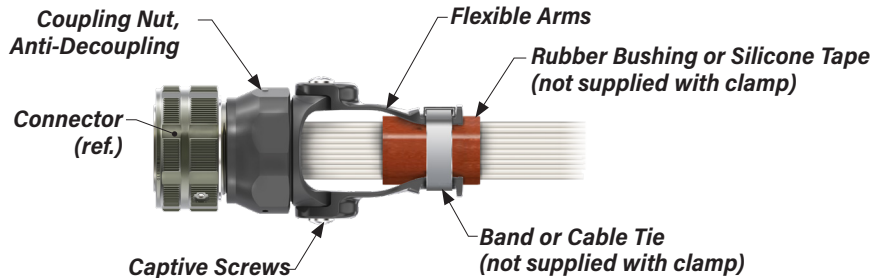
Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

871M001 Swing-Arm Flex Clamp

Self-Locking

Lightweight, self-locking, flexible arms. 871M001 Swing-Arm Flex Clamp fits Glenair Series 80 Mighty Mouse connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Use banding strap or cable tie to secure arms to wire bundle. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Clamp and coupling nut are composite or aluminum, flex arms are PEEK. Passivated SST hardware.



Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors

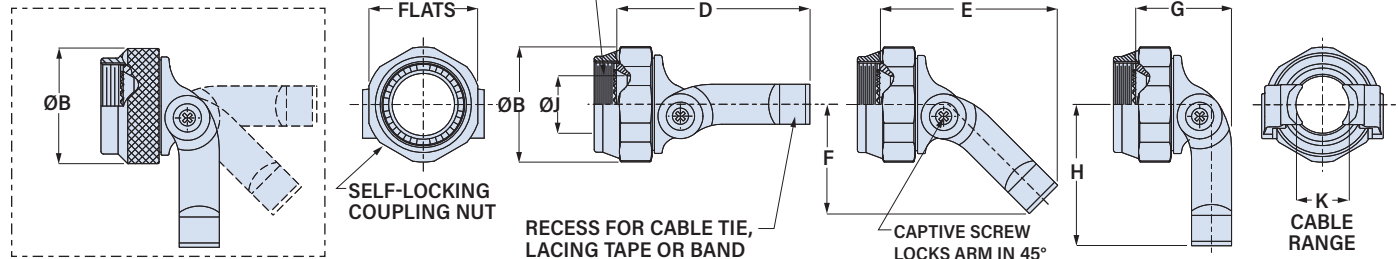
MATERIAL/FINISH

Body, coupling nut :
Code XB: polyetherimide, black
Codes M, MT, NF, TZ, ZR: aluminum alloy
Arms: PEEK, black
Hardware: stainless steel
Anti-decoupling spring: thermoplastic

PART NUMBER

	871M001	XB	12
Base P/N	871M001		
Material/Finish	<p><i>Composite</i> XB No Finish (Black) <i>Aluminum</i> M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFR TZ Tin-Zinc ZR Black Zinc-Nickel</p>	<p><i>Material/Finish Code applies to coupling nut and clamp body. Flex arms are black thermoplastic.</i></p>	
Shell Size	07 09 12 14 16 17 <i>See table below for size code</i>		

ALUMINUM ALLOY CONFIG. ROUND KNURLED COUPLING NUT



Size Code	Series		A Thread UNEF-2B	ØB Max		C Flats Max		D Max		E Max		F Max		G Max		H Max		J Min.		K Ref. Max		K Ref. Min	
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
07	7	9	0.4375-28	.812	20.6	.750	191	1.69	42.9	1.46	371	.87	22.1	.85	21.6	1.12	28.4	.264	6.7	.393	10.0	.098	2.5
09	9	11	0.5625-24	.938	23.8	.875	22.2	1.69	42.9	1.46	371	.89	22.6	.85	21.6	1.15	29.2	.390	9.9	.455	11.6	.121	3.1
12	11, 12, 13	13	0.6875-24	1.125	28.6	1.000	25.4	1.97	50.0	1.77	45.0	1.10	27.9	.94	23.9	1.44	36.6	.504	12.8	.598	15.2	.157	4.0
14	14, 15, 16, 17	18, 19	0.9375-20	1.375	34.9	1.250	31.8	2.18	55.4	2.02	51.3	1.28	32.5	1.10	27.9	1.68	42.7	.756	19.2	.839	21.3	.246	6.2
16	19	21	1.0625-18	1.500	38.1	1.375	34.9	2.18	55.4	2.02	51.3	1.35	34.3	1.10	27.9	1.74	44.2	.843	21.4	.934	23.7	.277	7.0
17	21	23	1.1875-18	1.625	41.3	1.500	38.1	2.64	67.1	2.43	61.7	1.63	41.4	1.26	32.0	2.12	53.8	.969	24.6	1.068	27.1	.313	8.0



Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

871M002 Swing-Arm Flex Clamp with Braid Sock, Composite

Self-Locking



Shielded. Lightweight. Self-locking. Adjustable arms. 871M002 Swing-Arm Flex Clamp fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant high performance thermoplastic meets AS85049 requirements. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

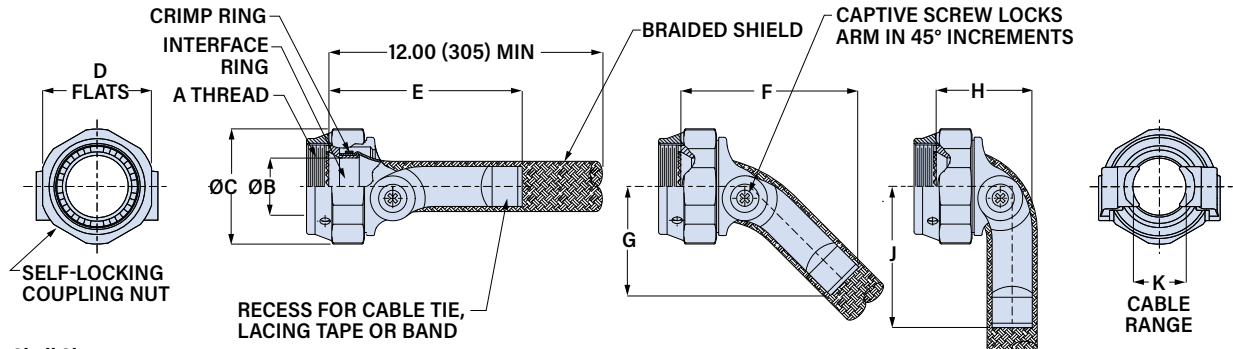
TABLE 1

INTERFACE RING MATERIAL/ FINISH

Aluminum	
M	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

871M002	BM	12	N	J	14
Base P/N	871M002				
Interface Ring Material /Finish	See Table 1				
Shell Size	07 08 09 10 12 13 14 16 17 See table below for size code				
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L ArmorLite® Microfilament Nickel/SST Braid				
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band				
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.				



Size Code	Series		A Thread	± .015 (0.4)		Ø C Max	D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.				
	800, 801, 803, 804	805		in	mm		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
07	7	9	0.4375-28	.264	6.7	.812	20.6	.750	19.1	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
08	8	10	0.500-28	.264	6.7	.812	20.6	.750	19.1	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
09	9	11	0.5625-24	.392	10.0	.938	23.8	.875	22.2	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
10	10	12	0.625-24	.392	10.0	.938	23.8	.875	22.2	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12	11, 12, 13	13	0.6875-24	.506	12.9	1.125	28.6	1.000	25.4	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
13	N/A	15	0.750-20	.506	12.9	1.125	28.6	1.000	25.4	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14	14, 15, 16, 17	18, 19	0.9375-20	.756	19.2	1.375	34.9	1.250	31.8	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
16	19	21	1.0625-18	.844	21.4	1.500	38.1	1.375	34.9	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
17	21	23	1.1875-18	.970	24.6	1.625	41.3	1.500	38.1	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0

Swing-Arm® Clamps

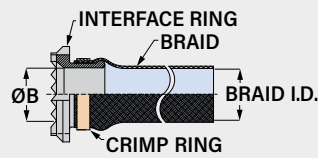
for Series 80 Mighty Mouse Connectors

871M002 Swing-Arm Flex Clamp with Braid Sock, Composite

MATERIAL/FINISH

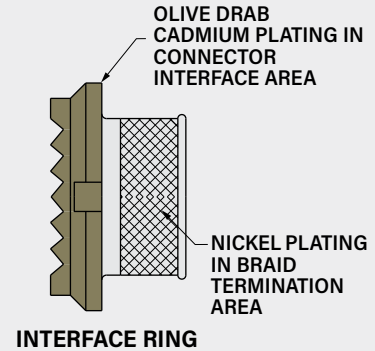
- Coupling nut, body: polyetherimide (PEI)/unplated, black
- Flex arms: PEEK (PEI)/unplated, black
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- Interface ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Size Code	Ø B Min		Braid I.D.	
	in	mm	in	mm
07	.262	6.7	.375	9.53
08	.262	6.7	.375	9.53
09	.391	9.9	.375	9.53
10	.391	9.9	.375	9.53
12	.505	12.8	.500	12.70
13	.505	12.8	.500	12.70
14	.757	19.2	.781	19.84
16	.843	21.4	1.000	25.40
17	.969	24.6	1.000	25.40

FIGURE 1
NF AND BN SELECTIVE FINISH



SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



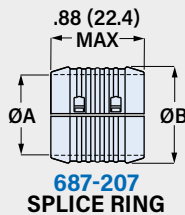
Splice Ring

Band

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Size Code	Band Part Number		Splice Ring Part Number	ØA		ØB	
	Standard	Slim Standard		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
07, 08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09, 10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
13	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
14	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
16	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
17	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2



Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

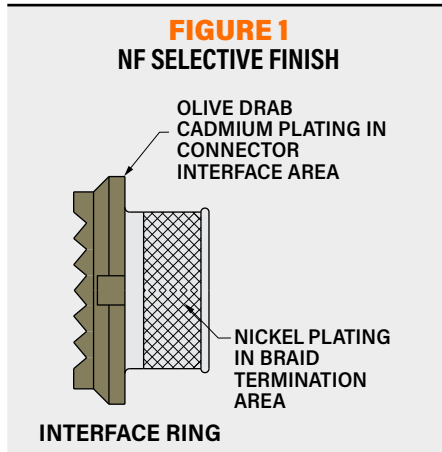
871M003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

Self-Locking

Shielded. Lightweight. Self-locking. Adjustable arms. 871M003 Swing-Arm Flex Clamp has aluminum coupling nut and body with thermoplastic flex arms. Fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

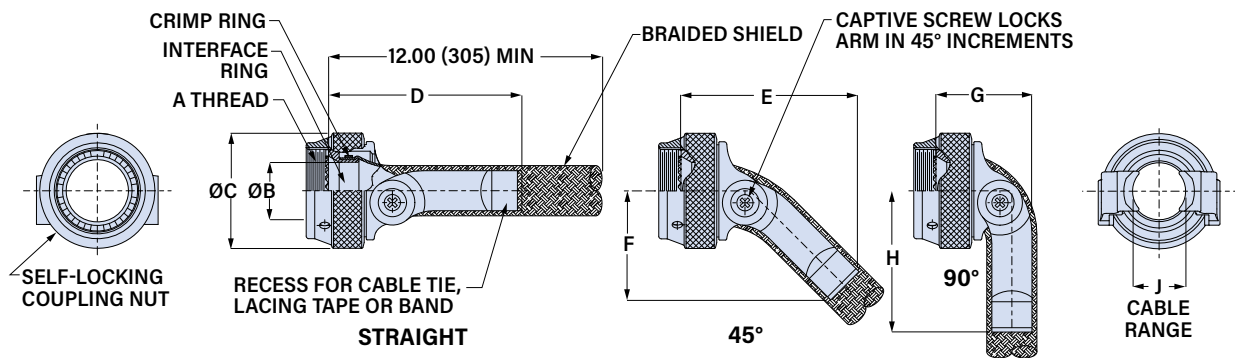


Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors



PART NUMBER

	871M003	M	12	N	J	14
Base P/N	871M003					
Material/Finish	M Electroless Nickel NF O. D. Cadmium, Selective (Figure 1) MT Nickel-PTFE TZ Tin-Zinc ZR Black Zinc-Nickel					
Shell Size	07 08 09 10 12 13 14 16 17 See table below for size code					
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L ArmorLite® Microfilament Nickel/SST Braid					
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band					
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.					



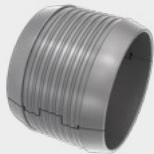
Size Code	Shell Size Series		A Thread UNEF-2B	Ø B Min		Ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max in	Min in		
07	7	9	0.4375-28	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
08	8	10	0.500-28	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
09	9	11	0.5625-24	.392	10.0	.938	23.8	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
10	10	12	0.625-24	.392	10.0	.938	23.8	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12	11, 12, 13	13	0.6875-24	.506	12.9	1.125	28.6	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
13	N/A	15	0.750-20	.506	12.9	1.125	28.6	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14	14, 15, 16, 17	18, 19	0.9375-20	.756	19.2	1.375	34.9	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
16	19	21	1.0625-18	.844	21.4	1.500	38.1	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
17	21	23	1.1875-18	.970	24.6	1.625	41.3	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

871M003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



Splice Ring

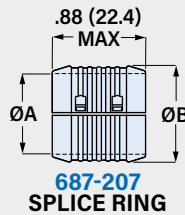


Band

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Size Code	Band Part Number		Splice Ring Part Number	øA		øB	
	Standard	Slim Standard		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
07, 08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09, 10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
13	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
14	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
16	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
17	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2



687-207
SPLICE RING



Banding Tool for
Standard Band
601-100

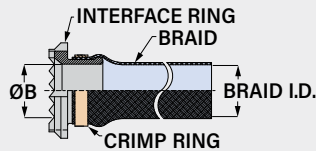


Banding Tool for Slim
Standard Band
601-109

MATERIAL/FINISH

- Coupling nut, body: aluminum
- Flex arms: PEEK (PEI)/unplated, black
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- Interface ring: aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: **AmberStrand**® ultralightweight nickel-coated polymer
 - Code L: **ArmorLite**® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Size Code	ø B Min		Braid I.D.	
	in	mm	in	mm
07	.26	6.7	.375	9.53
08	.26	6.7	.375	9.53
09	.39	9.9	.375	9.53
10	.39	9.9	.375	9.53
12	.51	12.8	.500	12.70
13	.51	12.8	.500	12.70
14	.76	19.2	.781	19.84
16	.84	21.4	1.000	25.40
17	.94	23.9	1.000	25.40



Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

871M004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 871M004 Swing-Arm Flex Clamp fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

871M004 M 12 S K

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

FIGURE 1

FINISH CODES NFS, BNS

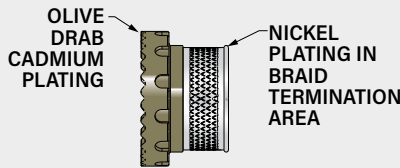
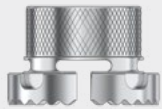


FIGURE 2

BANDING ADAPTER SLOTS



Route pigtail shield braids into optional "T" slots in banding adapter.

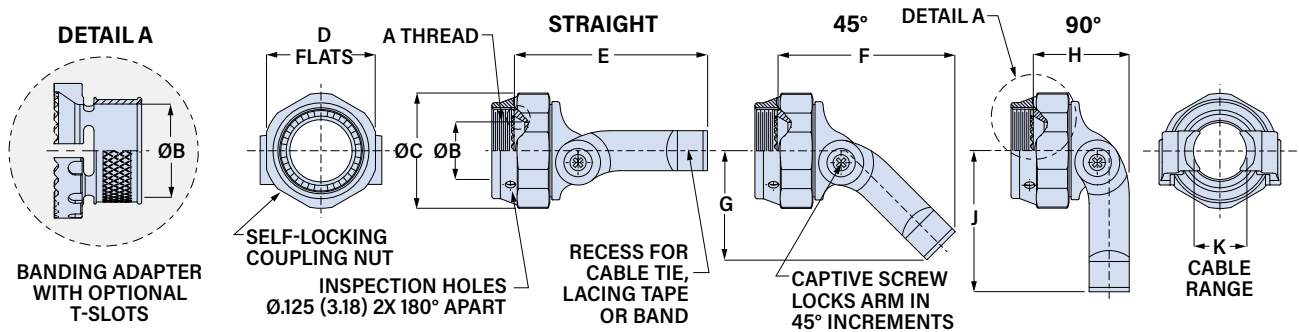
Base P/N 871M004

- Banding Adapter Material/Finish**
- M** Alum/Electroless Nickel
 - NF** Alum/Olive Drab Cadmium
 - NFS** Alum/O.D. Cadmium, selective (fig. 1)
 - MT** Alum/Nickel-PTFE
 - TZ** Alum/Tin-Zinc
 - BM** Brass/Electroless Nickel
 - BN** Brass/Olive Drab Cadmium
 - BNS** Brass/O.D. Cadmium, selective (fig. 1)
 - BMT** Brass/Nickel-PTFE

Shell Size 07 08 09 10 12 13 14 16 17
See table below for size code

Banding Adapter Slots Omit if not required. See Figure 2
S "T" Slots in Banding Adapter for Shield Pigtails

Omit if not required.
Band K Pre-Coiled Micro Band included With Clamp
J Pre-Coiled Slim Micro Band included With Clamp



Shell Size Series

Size Code	Series		A Thread UNEF-2B	øB Min		øC Max		D Flats	E Max	F Max	G Max	H Max	J Max	K Ref.									
	800, 801, 803, 804	805		in	mm	in	mm							in	mm	in	mm	Max	Min				
07	7	9	0.4375-28	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
08	8	10	0.500-28	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
09	9	11	0.5625-24	.305	7.7	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
10	10	12	0.625-24	.305	7.7	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
12	11, 12, 13	13	0.6875-24	.404	10.3	1.125	28.6	1.000	25.4	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
13	N/A	15	0.750-20	.404	10.3	1.125	28.6	1.000	25.4	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14	14, 15, 16, 17	18, 19	0.9375-20	.658	16.7	1.375	34.9	1.250	31.8	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
16	19	21	1.0625-18	.748	19.0	1.500	38.1	1.375	34.9	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.74	44.2	.934	23.7	.277	7.0
17	21	23	1.1875-18	.877	22.3	1.625	41.3	1.500	38.1	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0



Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

871M004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

MATERIAL/FINISH

- Coupling nut, body, arms: thermoplastic, black
- Screws, washers, inserts: stainless steel/ passivated
- Anti-decoupling springs: thermoplastic
- Interface ring: aluminum alloy or brass
- Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Band



Micro Band Tool
601-101



Slim Micro Band Tool
601-122

Size Code	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length		Max Diameter	
			in	mm	in	mm
07 - 12	601-061	601-601	8.125	206	.88	22.4
13 - 17	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

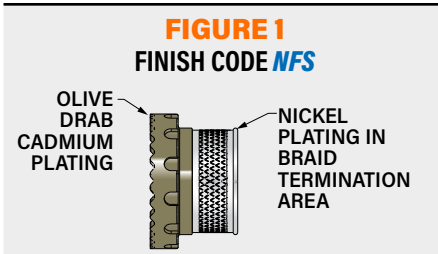
871M005 Swing-Arm Flex Clamp, EMI Banding Adapter, Aluminum

Self-Locking

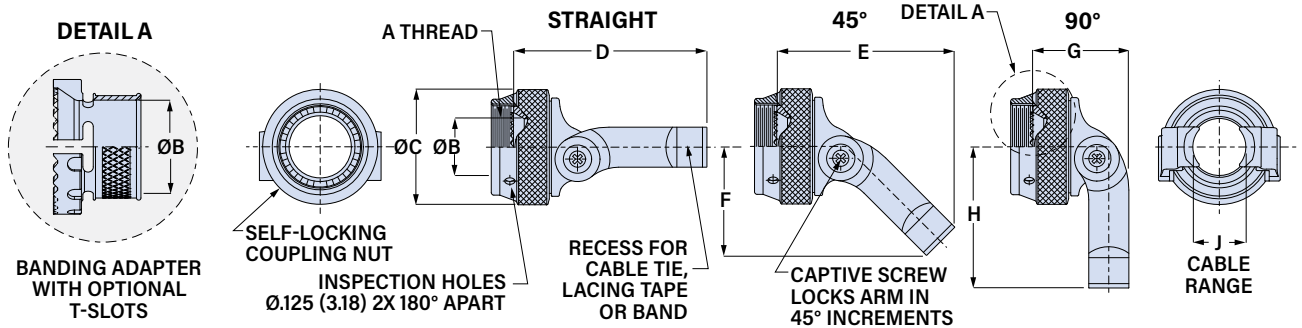


Shielded, self-locking, adjustable arms. 871M005 Swing-Arm Flex Clamp has aluminum coupling nut and body, flex arms are high strength thermoplastic. Fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled microband. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code M
This accessory fits Series 80 Mighty Mouse Connectors



PART NUMBER	871M005	M	12	S	K
Base P/N	871M005				
Material/Finish	M Alum/Electroless Nickel				
	NF Alum/Olive Drab Cadmium				
	NFS Alum/O.D. Cadmium, selective (fig. 1)				
	MT Alum/Nickel-PTFE				
	TZ Alum/Tin-Zinc				
Shell Size	07 08 09 10 12 13 14 16 17 <i>See table below for size code</i>				
Banding Adapter Slots	<i>Omit if not required. See Detail A.</i>				
Band	S "T" Slots in Banding Adapter for Shield Pigtailed <i>Omit if not required.</i>				
	K Pre-Coiled Micro Band included With Clamp				
	J Pre-Coiled Slim Micro Band included With Clamp				



Size Code	Series		A Thread UNEF-2B	Ø B Min		Ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
	800, 801, 803, 804	805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min		
07	7	9	0.4375-28	.178	4.5	.812	20.6	1.80	45.7	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
08	8	10	0.500-28	.178	4.5	.812	20.6	1.80	45.7	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
09	9	11	0.5625-24	.305	7.7	.938	23.8	2.08	52.8	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
10	10	12	0.625-24	.305	7.7	.938	23.8	2.08	52.8	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
12	11, 12, 13	13	0.6875-24	.404	10.3	1.125	28.6	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
13	N/A	15	0.750-20	.404	10.3	1.125	28.6	2.29	58.2	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14	14, 15, 16, 17	18, 19	0.9375-20	.658	16.7	1.375	34.9	2.28	57.9	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
16	19	21	1.0625-18	.748	19.0	1.500	38.1	2.75	69.9	2.13	54.1	1.35	34.3	1.21	30.7	1.74	44.2	.934	23.7	.277	7.0
17	21	23	1.1875-18	.877	22.3	1.625	41.3	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Pre-Coiled MicroBand
601-065



Pre-Coiled Slim MicroBand
601-603

MATERIAL/FINISH

Coupling nut, body, interface ring: aluminum
Flex arms: high-strength thermoplastic
Screws, washers, inserts: sst/passivated
Anti-decoupling springs: thermoplastic
Interface ring: aluminum alloy or brass
Band (optional): stainless steel/ passivated



Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V001 Swing-Arm Saddle Clamp

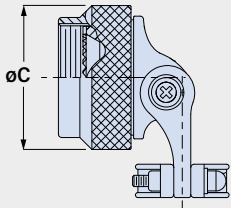
Self-Locking



Self-locking, adjustable arms. 870V001 Swing-Arm saddle clamp fits Glenair Series 806 Mil-Aero connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threaded inserts to withstand high vibration. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Available in composite, aluminum or stainless steel.

Adapter Code V
This accessory fits Glenair Series 806 Mil-Aero connectors

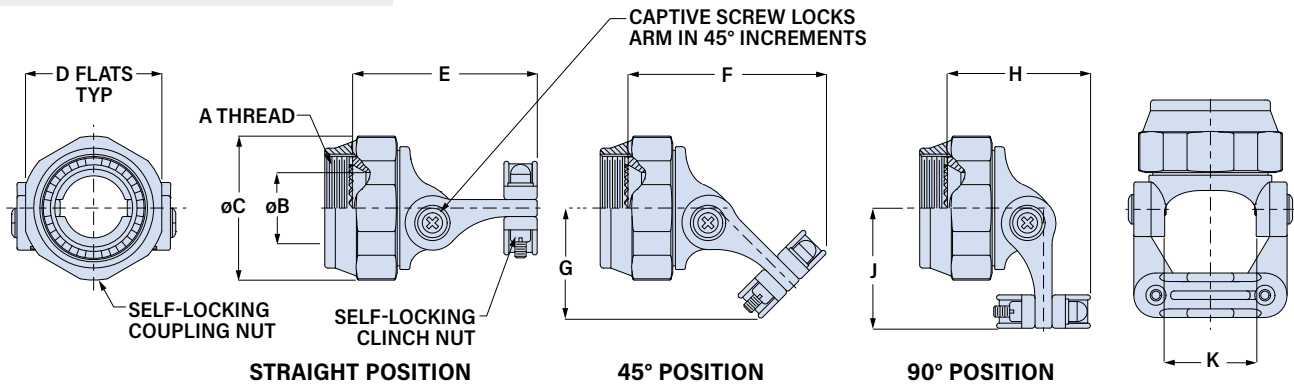
ALUMINUM AND SST VERSIONS



Aluminum and stainless steel versions have round knurled coupling nuts.

PART NUMBER

		870V001	XB	22	B
Base P/N	870V001				
Material/Finish	<i>Composite</i>				
	XB No Finish (Black)				
	<i>Aluminum</i>				
	ME Electroless Nickel				
	NF Olive Drab Cadmium				
	MT Nickel-PTFR				
	TZ Tin-Zinc				
<i>Stainless Steel</i>	ZR Black Zinc-Nickel				
	ZI Passivated				
Shell Size	09 11 16 18 20 22 24				
Clamp Size	A Standard Clamp				
	B Large Clamp				



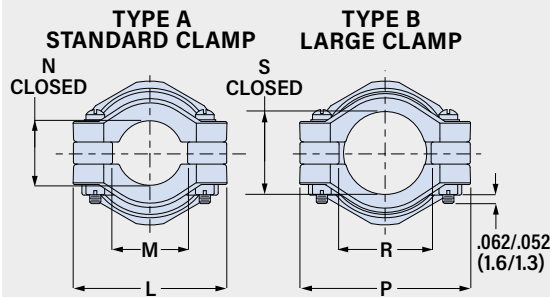
Shell Size	A Thread ISO Metric	øB Min in	mm	C Max in	mm	D Flats in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
09	M12 x 1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.43	36.3	1.35	34.3	.78	19.8	.91	23.1	.87	22.1	.393	10.0
11	M15 x 1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.50	38.1	1.45	36.8	.87	22.1	.94	23.9	.96	24.4	.455	11.6
16	M22 x 1.0-6H	.630	16.0	1.250	31.8	1.125	28.6	1.57	39.9	1.68	42.7	1.02	25.9	1.21	30.7	1.10	27.9	.710	18.0
18	M25 x 1.0-6H	.756	19.2	1.375	34.9	1.250	31.8	1.66	42.2	1.78	45.2	1.09	27.7	1.29	32.8	1.16	29.5	.839	21.3
20	M28 x 1.0-6H	.843	21.4	1.500	38.1	1.375	34.9	1.66	42.2	1.86	47.2	1.14	29.0	1.39	35.3	1.22	31.0	.934	23.7
22	M31 x 1.0-6H	.969	24.6	1.625	41.3	1.500	38.1	1.81	46.0	2.02	51.3	1.24	31.5	1.50	38.1	1.29	32.8	1.068	27.1
24	M34 x 1.0-6H	1.091	27.7	1.750	44.5	1.625	41.3	1.84	46.7	2.09	53.1	1.30	33.0	1.57	39.9	1.36	34.5	1.197	30.4

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V001 Swing-Arm Saddle Clamp

CLAMP DIMENSIONS



Standard Clamp						Large Clamp					
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in mm	Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in mm
09	.98	24.9	.22	5.6	.265 6.7	09	.98	24.9	.33	8.4	.356 9.0
11	1.05	26.7	.27	6.9	.310 7.9	11	1.20	30.5	.45	11.4	.422 10.7
16	1.30	33.0	.47	11.9	.538 13.7	16	1.54	39.1	.68	17.3	.707 18.0
18	1.44	36.6	.55	14.0	.590 15.0	18	1.60	40.6	.80	20.3	.759 19.3
20	1.56	39.6	.62	15.7	.660 16.8	20	1.73	43.9	.90	22.9	.841 21.4
22	1.69	42.9	.70	17.8	.744 18.9	22	1.95	49.5	1.05	26.7	.996 25.3
24	1.77	45.0	.78	19.8	.826 21.0	24	2.08	52.8	1.18	30.0	1.060 26.9

MATERIAL/FINISH

Composite (Code XB)

Coupling nut, body, arms, saddles: polyetherimide (PEI), unplated

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: thermoplastic

Clinch Nuts: stainless steel, silver plated

Aluminum (Codes M, MT, NF, TZ, ZR)

Coupling nut, body, arms, saddles: aluminum

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: thermoplastic

Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated.

Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Code Z1)

Coupling nut, body, arms, saddles: SST

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: stainless steel

Clinch Nuts: stainless steel, silver plated

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V002 Swing-Arm Saddle Clamp, Braid Sock, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 870V002 composite Swing-Arm saddle clamp fits Glenair Series 806 Mil-Aero connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant glass-reinforced thermoplastic meets AS85049 requirements. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code V

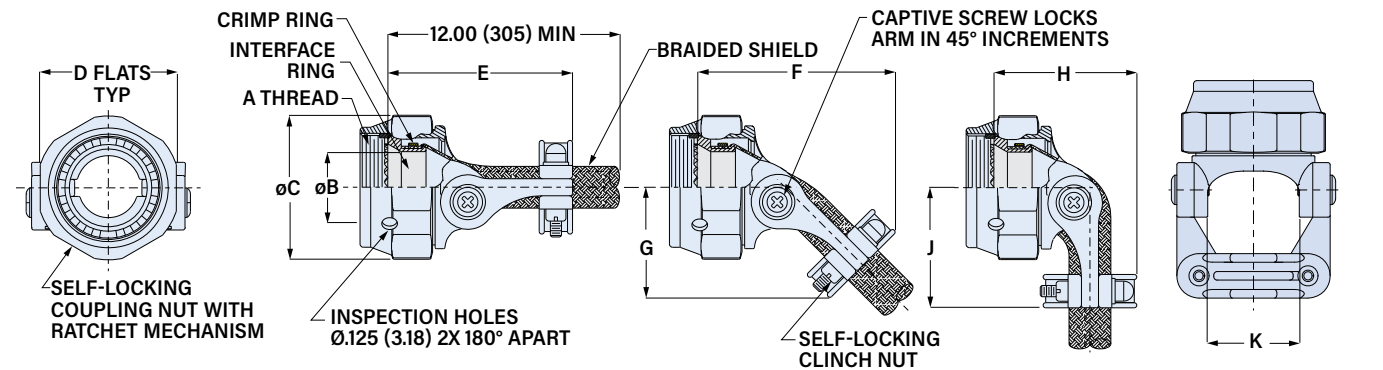
This accessory fits Glenair Series 806 Mil-Aero connectors

TABLE 1
INTERFACE RING MATERIAL / FINISH

Aluminum	
ME	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

	870V002	BM	22	A	N	J	14
Base P/N	870V002						
Interface Ring Material/Finish	See Table 1						
Shell Size	08 09 10 11 12 14 16 18 20 22 24						
Clamp Size	See Clamp Dimensions on next page A Standard Clamp B Large Clamp						
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid						
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band						
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.						



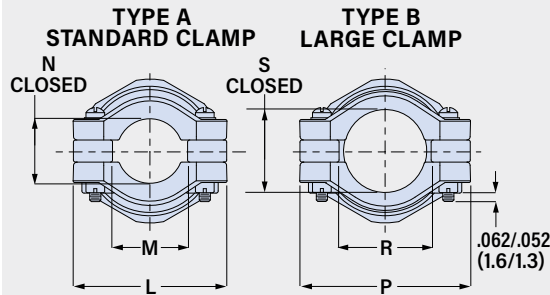
Shell Size	A Thread ISO Metric	øB Min in	mm	C Max in	mm	D Flats in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
08	M10 x 1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
09	M12 x 1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
10	M14 x 1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
11	M15 x 1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
12	M17 x 1.0-6H	.504	12.8	1.125	28.6	1.000	25.4	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
14	M19 x 1.0-6H	.630	16.0	1.250	31.8	1.125	28.6	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
16	M22 x 1.0-6H	.630	16.0	1.250	31.8	1.125	28.6	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
18	M25 x 1.0-6H	.756	19.2	1.375	34.9	1.250	31.8	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
20	M28 x 1.0-6H	.843	21.4	1.500	38.1	1.375	34.9	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
22	M31 x 1.0-6H	.969	24.6	1.625	41.3	1.500	38.1	1.88	47.8	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1
24	M34 x 1.0-6H	1.091	27.7	1.750	44.5	1.625	41.3	1.91	48.5	2.15	54.6	1.27	32.3	1.63	41.4	1.33	33.8	1.197	30.4

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V002 Swing-Arm Saddle Clamp, Braid Sock, Composite

CLAMP DIMENSIONS



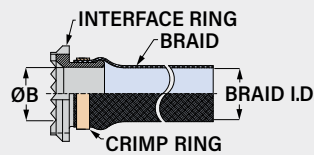
Standard Clamp					
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in mm
08	.98	24.9	.22	5.6	.265 6.7
09	.98	24.9	.22	5.6	.265 6.7
10	1.05	26.7	.27	6.9	.310 7.9
11	1.05	26.7	.27	6.9	.310 7.9
12	1.20	30.5	.35	8.9	.422 10.7
14	1.30	33.0	.47	11.9	.538 13.7
16	1.30	33.0	.47	11.9	.538 13.7
18	1.44	36.6	.55	14.0	.590 15.0
20	1.56	39.6	.62	15.7	.660 16.8
22	1.69	42.9	.70	17.8	.744 18.9
24	1.77	45.0	.78	19.8	.826 21.0

Large Clamp					
Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in mm
08	.98	24.9	.33	8.4	.356 9.0
09	.98	24.9	.33	8.4	.356 9.0
10	1.20	30.5	.45	11.4	.422 10.7
11	1.20	30.5	.45	11.4	.422 10.7
12	1.45	36.8	.62	15.7	.637 16.2
14	1.54	39.1	.68	17.3	.707 18.0
16	1.54	39.1	.68	17.3	.707 18.0
18	1.60	40.6	.80	20.3	.759 19.3
20	1.73	43.9	.90	22.9	.841 21.4
22	1.95	49.5	1.05	26.7	.996 25.3
24	2.08	52.8	1.18	30.0	1.060 26.9

MATERIAL/FINISH

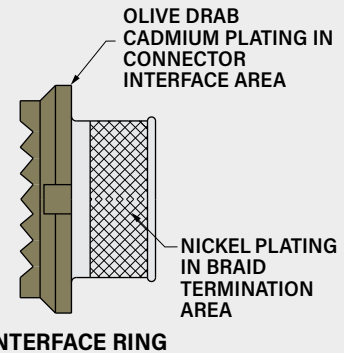
- Coupling nut, body, arms, saddles: polyetherimide (PEI)/unplated
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- interface Ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Clinch nuts: stainless steel/silver
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



Shell Size	øB Min		Braid I.D.	
	In.	mm.	In.	mm.
08	.264	6.7	.375	9.53
09	.264	6.7	.375	9.53
10	.390	9.9	.375	9.53
11	.390	9.9	.375	9.53
12	.504	12.8	.781	19.84
14	.592	15.0	.781	19.84
16	.630	16.0	.781	19.84
18	.756	19.2	.781	19.84
20	.843	21.4	.781	19.84
22	.969	24.6	1.000	25.40
24	1.091	27.7	1.000	25.40

FIGURE 1 NF AND BN SELECTIVE FINISH



SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



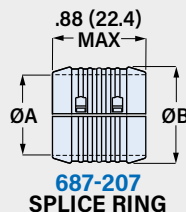
Splice Ring

Band

Optional splice support ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Band Part Number		Splice Ring Part Number	øA		øB	
	Standard	Slim Standard		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
11	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
16	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
18	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
20	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
22	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
24	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5



687-207 SPLICE RING



Banding Tool for Standard Band 601-100



Banding Tool for Slim Standard Band 601-109

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

Self-Locking



Shielded, self-locking, adjustable arms. 870V003 stainless steel or aluminum Swing-Arm saddle clamp fits Glenair Series 806 Mil-Aero connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

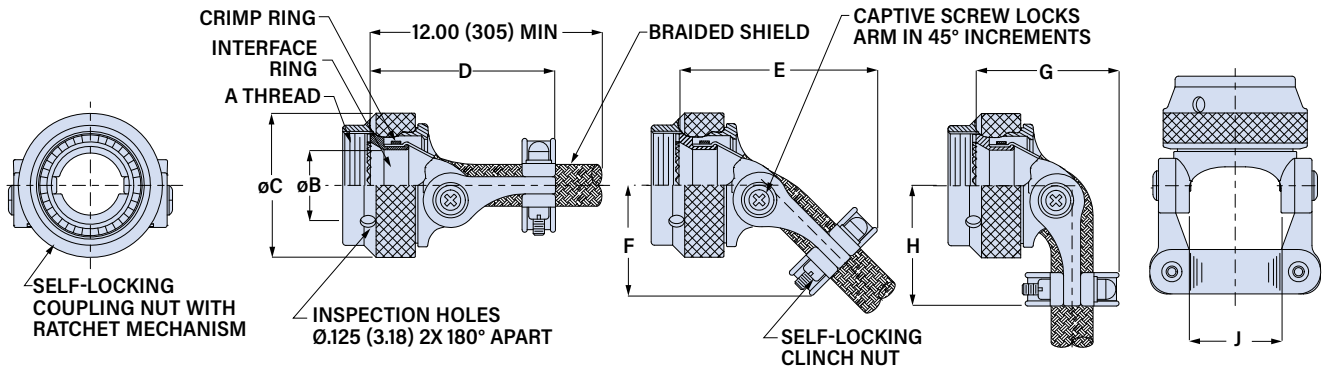
Adapter Code V
 This accessory fits Glenair Series 806 Mil-Aero connectors

TABLE 1 MATERIAL / FINISH

Aluminum	
ME	Electroless nickel
NF	Olive drab cadmium, selective (fig. 1)
MT	Nickel-PTFE
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

PART NUMBER

	870V003	ME	12	B	L	K	14
Base P/N	870V003						
Material/Finish	See Table 1						
Shell Size	08 09 10 11 12 14 16 18 20 22 24						
Clamp Size	See Clamp Dimensions on next page A Standard Clamp B Large Clamp						
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid						
Splice Ring and Band	Omit if not required. See "Splice Ring and Band" on next page. K Splice ring and standard band J Splice ring and slim standard band						
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.						



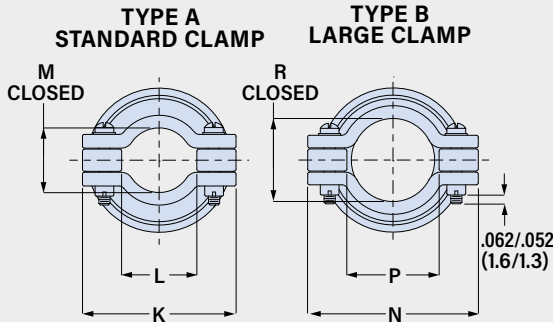
Shell Size	A Thread ISO Metric	ø B Min in	mm	ø C Max in	mm	D Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Ref. in	mm
08	M10 x 1.0-6H	.264	6.7	.812	20.6	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
09	M12 x 1.0-6H	.264	6.7	.812	20.6	1.50	38.1	1.43	36.3	.76	19.3	.95	24.1	.84	21.3	.393	10.0
10	M14 x 1.0-6H	.390	9.9	.938	23.8	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
11	M15 x 1.0-6H	.390	9.9	.938	23.8	1.54	39.1	1.49	37.8	.82	20.8	.99	25.1	.90	22.9	.455	11.6
12	M17 x 1.0-6H	.504	12.8	1.125	28.6	1.62	41.1	1.64	41.7	.92	23.4	1.14	29.0	1.00	25.4	.598	15.2
14	M19 x 1.0-6H	.630	16.0	1.250	31.8	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
16	M22 x 1.0-6H	.630	16.0	1.250	31.8	1.63	41.4	1.73	43.9	.98	24.9	1.24	31.5	1.07	27.2	.710	18.0
18	M25 x 1.0-6H	.756	19.2	1.375	34.9	1.73	43.9	1.86	47.2	1.08	27.4	1.36	34.5	1.13	28.7	.839	21.3
20	M28 x 1.0-6H	.843	21.4	1.500	38.1	1.73	43.9	1.93	49.0	1.12	28.4	1.46	37.1	1.20	30.5	.934	23.7
22	M31 x 1.0-6H	.969	24.6	1.625	41.3	1.88	47.8	2.08	52.8	1.21	30.7	1.55	39.4	1.26	32.0	1.068	27.1
24	M34 x 1.0-6H	1.091	27.7	1.750	44.5	1.91	48.5	2.15	54.6	1.27	32.3	1.63	41.4	1.33	33.8	1.197	30.4

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V003 Swing-Arm Saddle Clamp, Braid Sock, SST/Aluminum

CLAMP DIMENSIONS



Standard Clamp						Large Clamp					
Shell Size	K Max in	K Max mm	L Min in	L Min mm	M Ref. in mm	Shell Size	N Max in	N Max mm	P Min in	P Min mm	R Ref. in mm
08	.98	24.9	.22	5.6	.265 6.7	08	.98	24.9	.33	8.4	.356 9.0
09	.98	24.9	.22	5.6	.265 6.7	09	.98	24.9	.33	8.4	.356 9.0
10	1.05	26.7	.27	6.9	.310 7.9	10	1.20	30.5	.45	11.4	.422 10.7
11	1.05	26.7	.27	6.9	.310 7.9	11	1.20	30.5	.45	11.4	.422 10.7
12	1.20	30.5	.35	8.9	.422 10.7	12	1.45	36.8	.62	15.7	.637 16.2
14	1.30	33.0	.47	11.9	.538 13.7	14	1.54	39.1	.68	17.3	.707 18.0
16	1.30	33.0	.47	11.9	.538 13.7	16	1.54	39.1	.68	17.3	.707 18.0
18	1.44	36.6	.55	14.0	.590 15.0	18	1.60	40.6	.80	20.3	.759 19.3
20	1.56	39.6	.62	15.7	.660 16.8	20	1.73	43.9	.90	22.9	.841 21.4
22	1.69	42.9	.70	17.8	.744 18.9	22	1.95	49.5	1.05	26.7	.996 25.3
24	1.77	45.0	.78	19.8	.826 21.0	24	2.08	52.8	1.18	30.0	1.060 26.9

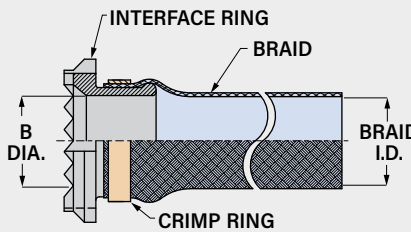
MATERIAL/FINISH

Aluminum (Codes M, MT, NF, TZ, ZR)
Coupling nut, body, arms, saddles, interface ring: aluminum
Screws, washers, inserts: stainless steel/passivated
Anti-decoupling spring: thermoplastic
Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Codes BM, BMT, Z1, ZM)
Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
Clinch nuts: stainless steel, silver plated
Interface ring: brass (codes BM, BMT) or stainless steel (Z1, ZM)

Braid:
Code N: 34 AWG nickel-coated copper
Code T: 34 AWG tin-coated copper,
Code A: *AmberStrand*® ultralightweight nickel-coated polymer
Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID



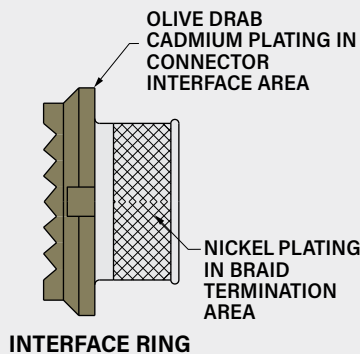
Shell Size	øB Min in.	øB Min mm.	Braid I.D. in.	Braid I.D. mm.
08	.264	6.7	.375	9.53
09	.264	6.7	.375	9.53
10	.390	9.9	.375	9.53
11	.390	9.9	.375	9.53
12	.504	12.8	.781	19.84
14	.592	15.0	.781	19.84
16	.630	16.0	.781	19.84
18	.756	19.2	.781	19.84
20	.843	21.4	.781	19.84
22	.969	24.6	1.000	25.40
24	1.091	27.7	1.000	25.40

SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid sock to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool. *Slim Standard Band* is 50% lighter weight than standard band with no reduction in strength.



FIGURE 1
NF SELECTIVE FINISH



Shell Size	Band Part Number		Split Ring Part Number	øA		øB	
	Standard	Slim Standard		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
16	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
18	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
20	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
22	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5
24	601-041	601-573	687-207XB20	1.25	31.8	1.40	35.6

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V004 Swing-Arm Saddle Clamp, Banding Adapter, Composite

Self-Locking



Adapter Code V

This accessory fits Glenair Series 806 Mil-Aero connectors

FIGURE 1

FINISH CODES **NFS, BNS**

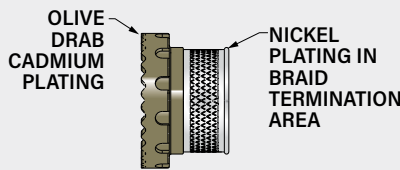
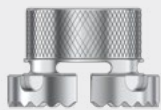


FIGURE 2

BANDING ADAPTER SLOTS CODE **S**



Route pigtail shield braids into optional "T" slots in banding adapter.

Shielded, self-locking, adjustable arms. 870V004 Swing-Arm saddle clamp fits Glenair Series 806 Mil-Aero connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

870V004 M 22 A S K

Base P/N **870V004**

Banding Adapter Material/Finish
ME Alum/Electroless Nickel
NF Alum/Olive Drab Cadmium
NFS Alum/O.D. Cadmium, selective (fig. 1)
MT Alum/Nickel-PTFE
TZ Alum/Tin-Zinc
BM Brass/Electroless Nickel
BN Brass/Olive Drab Cadmium
BNS Brass/O.D. Cadmium, selective (fig. 1)
BMT Brass/Nickel-PTFE

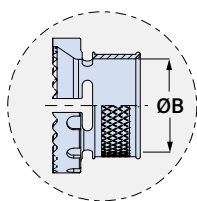
Shell Size **08 09 10 11 12 14 16 18 20 22 24**

Clamp Size **A** Standard Clamp
B Large Clamp

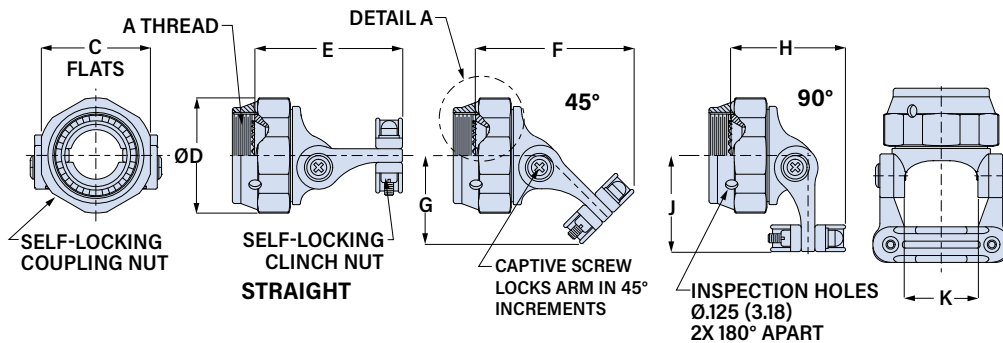
Banding Adapter Slots
Omit if not required. See Figure 2.
S "T" Slots in Banding Adapter for Shield Pigtails

Omit if not required.
Band **K** Pre-Coiled Micro Band included With Clamp
J Pre-Coiled Slim Micro Band included With Clamp

DETAIL A



BANDING ADAPTER WITH OPTIONAL T-SLOTS



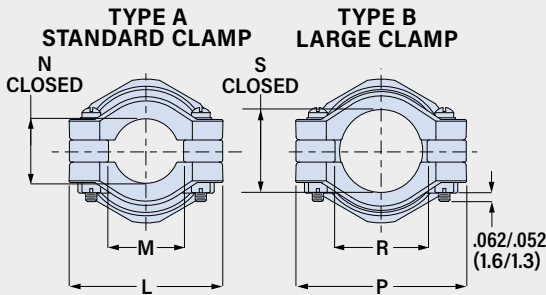
Shell Size	A Thread ISO Metric	øB Min in	mm	C Flats in	mm	D Max in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
08	M10 x 1.0-6H	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
09	M12 x 1.0-6H	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
10	M14 x 1.0-6H	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
11	M15 x 1.0-6H	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
12	M17 x 1.0-6H	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
14	M19 x 1.0-6H	.565	14.4	1.125	28.6	1.250	31.8	1.67	42.4	1.76	44.7	1.00	25.4	1.28	32.5	1.10	27.9	.710	18.0
16	M22 x 1.0-6H	.565	14.4	1.125	28.6	1.250	31.8	1.67	42.4	1.76	44.7	1.00	25.4	1.28	32.5	1.10	27.9	.710	18.0
18	M25 x 1.0-6H	.658	16.7	1.250	31.8	1.375	34.9	1.77	45.0	1.89	48.0	1.09	27.7	1.40	35.6	1.16	29.5	.839	21.3
20	M28 x 1.0-6H	.777	19.7	1.375	34.9	1.500	38.1	1.77	45.0	1.96	49.8	1.14	29.0	1.50	38.1	1.22	31.0	.934	23.7
22	M31 x 1.0-6H	.877	22.3	1.500	38.1	1.625	41.3	1.92	48.8	2.11	53.6	1.22	31.0	1.57	39.9	1.29	32.8	1.068	27.1
24	M34 x 1.0-6H	.999	25.4	1.625	41.3	1.750	44.5	1.95	49.5	2.18	55.4	1.28	32.5	1.67	42.4	1.36	34.5	1.197	30.4

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Shell Size	L Max in	M Min mm	M Min in	N Ref. in	N Ref. mm	Shell Size	P Max in	R Min mm	R Min in	S Ref. in	S Ref. mm		
08	.97	24.6	.22	5.6	.264	6.7	08	.98	24.9	.33	8.4	.356	9.0
09	.97	24.6	.22	5.6	.264	6.7	09	.98	24.9	.33	8.4	.356	9.0
10	1.03	26.2	.29	7.4	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
11	1.03	26.2	.29	7.4	.310	7.9	11	1.20	30.5	.45	11.4	.422	10.7
12	1.21	30.7	.34	8.6	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.32	33.5	.45	11.4	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.32	33.5	.45	11.4	.538	13.7	16	1.54	39.1	.68	17.3	.707	18.0
18	1.45	36.8	.55	14.0	.590	15.0	18	1.60	40.6	.80	20.3	.759	19.3
20	1.54	39.1	.65	16.5	.660	16.8	20	1.73	43.9	.90	22.9	.841	21.4
22	1.67	42.4	.74	18.8	.744	18.9	22	1.95	49.5	1.05	26.7	.996	25.3
24	1.79	45.5	.87	22.1	.826	21.0	24	2.08	52.8	1.18	30.0	1.060	26.9

MATERIAL/FINISH

Coupling nut, body, arms, saddles: polyetherimide (PEI)/ unplated black
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 Banding adapter: aluminum alloy or brass
 Band (optional): stainless steel/ passivated
 Clinch Nuts: stainless steel/ silver plated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length		Max Diameter	
			in	mm	in	mm
8 - 12	601-061	601-601	8.0	203	.88	22.4
14 - 24	601-065	601-603	14.0	356	1.88	47.8

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

Self-Locking



Adapter Code **V**

This accessory fits Glenair Series 806 Mil-Aero connectors

TABLE 1 MATERIAL / FINISH

Aluminum	
ME	Electroless nickel
MT	Nickel-PTFE
NF	Olive drab cadmium
NFS	Olive drab cadmium, selective (fig. 1)
TZ	Tin-zinc
ZR	Black zinc-nickel
Stainless Steel, Passivated	
BM	Brass interface ring, nickel plated
BMT	Brass interface ring, nickel-PTFE plated
ZI	SST interface ring, passivated
ZM	SST interface ring, nickel plated

Shielded, self-locking, adjustable arms. 870V005 aluminum or stainless steel Swing-Arm saddle clamp fits Glenair Series 806 Mil-Aero connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

	870V005	M	22	A	S	K
Base P/N	870V005					
Material/Finish	See Table 1					
Shell Size	08 09 10 11 12 14 16 18 20 22 24					
Clamp Size	A Standard Clamp B Large Clamp					
Banding Adapter Slots	Omit if not required. See Figure 2. S "T" Slots in Banding Adapter for Shield Pigtailed					
Band	Omit if not required. K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp					

FIGURE 1

MATERIAL / FINISH CODE **NFS**

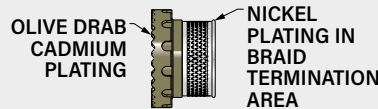
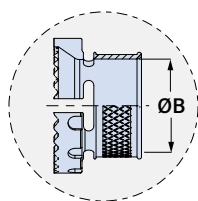


FIGURE 2

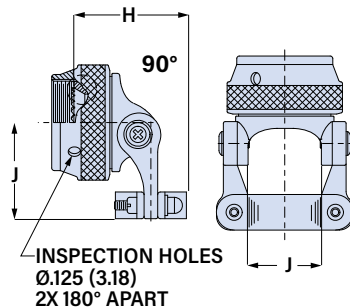
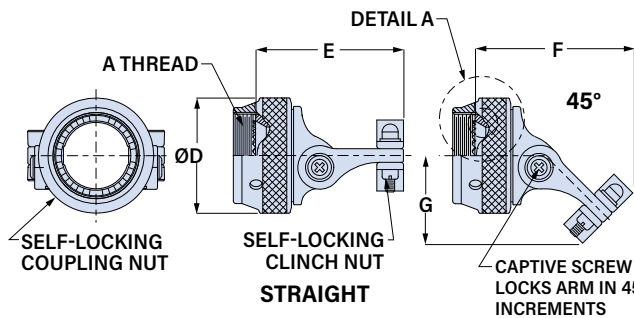
BANDING ADAPTER SLOTS



DETAIL A



BANDING ADAPTER WITH OPTIONAL T-SLOTS



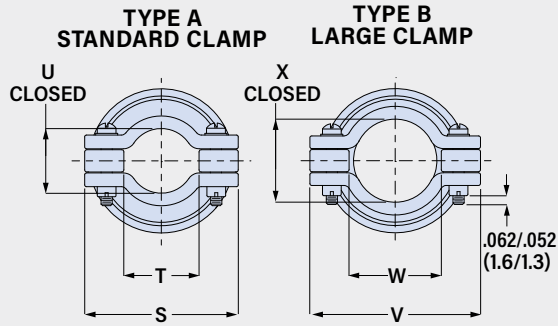
Shell Size	A Thread ISO Metric	ø B Min		ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
08	M10 x 1.0-6H	.178	4.5	.812	20.6	1.55	39.4	1.45	36.8	.77	19.6	.98	24.9	.87	22.1	.393	10.0
09	M12 x 1.0-6H	.178	4.5	.812	20.6	1.55	39.4	1.45	36.8	.77	19.6	.98	24.9	.87	22.1	.393	10.0
10	M14 x 1.0-6H	.305	7.7	.938	23.8	1.61	40.9	1.56	39.6	.87	22.1	1.05	26.7	.96	24.4	.455	11.6
11	M15 x 1.0-6H	.305	7.7	.938	23.8	1.61	40.9	1.56	39.6	.87	22.1	1.05	26.7	.96	24.4	.455	11.6
12	M17 x 1.0-6H	.404	10.3	1.125	28.6	1.66	42.2	1.71	43.4	.97	24.6	1.22	31.0	1.03	26.2	.598	15.2
14	M19 x 1.0-6H	.565	14.4	1.250	31.8	1.67	42.4	1.79	45.5	1.02	25.9	1.32	33.5	1.10	27.9	.710	18.0
16	M22 x 1.0-6H	.565	14.4	1.250	31.8	1.67	42.4	1.79	45.5	1.02	25.9	1.32	33.5	1.10	27.9	.710	18.0
18	M25 x 1.0-6H	.658	16.7	1.375	34.9	1.77	45.0	1.88	47.8	1.08	27.4	1.38	35.1	1.16	29.5	.839	21.3
20	M28 x 1.0-6H	.777	19.7	1.500	38.1	1.77	45.0	1.96	49.8	1.13	28.7	1.49	37.8	1.22	31.0	.934	23.7
22	M31 x 1.0-6H	.877	22.3	1.625	41.3	1.92	48.8	2.13	54.1	1.24	31.5	1.61	40.9	1.29	32.8	1.068	27.1
24	M34 x 1.0-6H	.999	25.4	1.750	44.5	1.95	49.5	2.20	55.9	1.30	33.0	1.68	42.7	1.36	34.5	1.197	30.4

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V005 Swing-Arm Saddle Clamp, EMI Banding Adapter, Aluminum/SST

CLAMP DIMENSIONS



Standard Clamp						Large Clamp							
Shell Size	S Max in	S Max mm	T Min in	T Min mm	U Ref. in	U Ref. mm	Shell Size	V Max in	V Max mm	W Min in	W Min mm	X Ref. in	X Ref. mm
08	.97	24.6	.22	5.6	.264	6.7	08	.98	24.9	.33	8.4	.356	9.0
09	.97	24.6	.22	5.6	.264	6.7	09	.98	24.9	.33	8.4	.356	9.0
10	1.03	26.2	.29	7.4	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
11	1.03	26.2	.29	7.4	.310	7.9	11	1.20	30.5	.45	11.4	.422	10.7
12	1.21	30.7	.34	8.6	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.32	33.5	.45	11.4	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.32	33.5	.45	11.4	.538	13.7	16	1.54	39.1	.68	17.3	.707	18.0
18	1.45	36.8	.55	14.0	.590	15.0	18	1.60	40.6	.80	20.3	.759	19.3
20	1.54	39.1	.65	16.5	.660	16.8	20	1.73	43.9	.90	22.9	.841	21.4
22	1.67	42.4	.74	18.8	.744	18.9	22	1.95	49.5	1.05	26.7	.996	25.3
24	1.79	45.5	.87	22.1	.826	21.0	24	2.08	52.8	1.18	30.0	1.060	26.9

MATERIAL/FINISH

Aluminum (Codes M, MT, NF, NFS TZ, ZR)
 Coupling nut, body, arms, saddles: aluminum
 Screws, washers, inserts: stainless steel/ passivated
 Anti-decoupling springs: thermoplastic
 Clinch nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated. Code NF, NFS: stainless steel/ olive drab cadmium
 Banding adapter: aluminum
 Band (optional): stainless steel/ passivated

Stainless Steel (Codes BM, BMT, Z1, ZM)
 Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
 Clinch nuts: stainless steel, silver plated
 Banding adapter:
 Code BM: brass/ electroless nickel
 Code BMT: brass/ nickel-PTFE
 Code Z1: stainless steel/ passivated
 Code ZM: stainless steel/ electroless nickel
 Band (optional): stainless steel/ passivated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Shell Size	Pre-Coiled Micro	Pre-Coiled Slim	Length		Max Diameter	
	Band Part No.	Micro Band Part No.	in	mm	in	mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 24	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

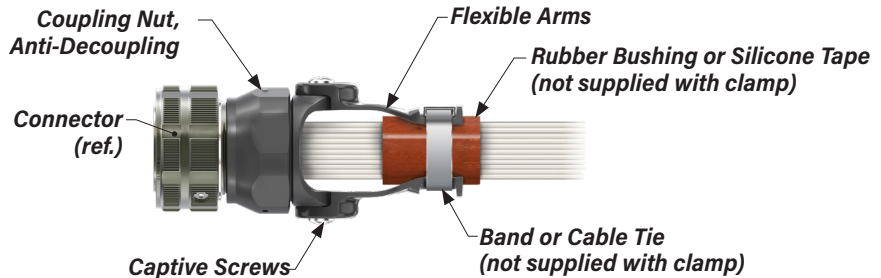
for Series 806 Mil-Aero Connectors

871V001 Swing-Arm Flex Clamp

Self-Locking



Lightweight, self-locking, flexible arms. 871V001 Swing-Arm Flex Clamp fits Glenair Series 806 Mil-Aero connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Use banding strap or cable tie to secure arms to wire bundle. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Clamp and coupling nut are composite or aluminum, flex arms are PEEK. Passivated SST hardware.



Adapter Code **V**

This accessory fits Glenair Series 806 Mil-Aero connectors

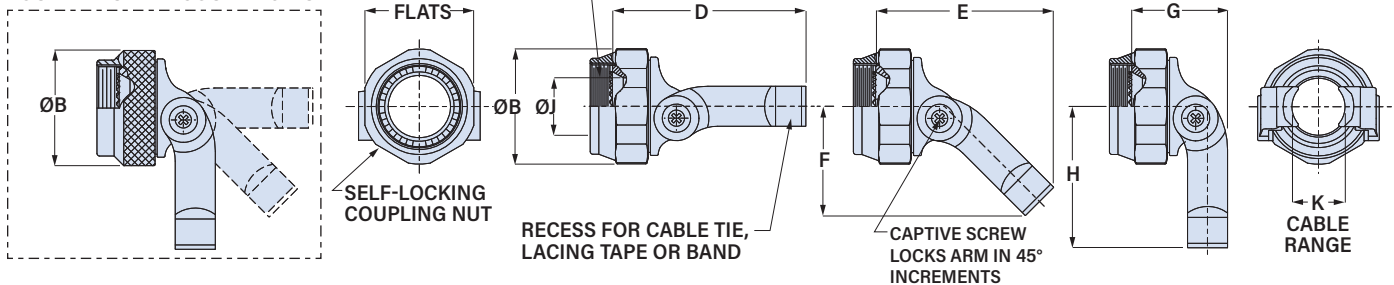
MATERIAL/FINISH

Body, coupling nut :
 Code XB: polyetherimide, black
 Codes M, MT, NF, TZ, ZR: aluminum alloy
 Arms: PEEK, black
 Hardware: stainless steel
 Anti-decoupling spring: thermoplastic

PART NUMBER

	871V001	XB	12
Base P/N	871V001		
Material/Finish	Composite XB No Finish (Black) Aluminum ME Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFR TZ Tin-Zinc ZR Black Zinc-Nickel	Material/Finish Code applies to coupling nut and clamp body. Flex arms are black thermoplastic.	
Shell Size	09 11 16 18 20 22 24		

ALUMINUM ALLOY CONFIG. ROUND KNURLED COUPLING NUT



Shell Size	A Thread ISO Metric	øB Max		C Flats		D Max		E Max		F Max		G Max		H Max		J Min		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min	in	mm
09	M12 x 1.0-6H	.812	20.6	.750	19.1	1.69	42.9	1.46	37.1	.87	22.1	.85	21.6	1.12	28.4	.264	6.7	.393	10.0	.098	2.5
11	M15 x 1.0-6H	.938	23.8	.875	22.2	1.69	42.9	1.46	37.1	.89	22.6	.85	21.6	1.15	29.2	.390	9.9	.455	11.6	.121	3.1
16	M22 x 1.0-6H	1.250	31.8	1.125	28.6	1.97	50.0	1.77	45.0	1.32	33.5	.94	23.9	1.50	38.1	.630	16.0	.710	18.0	.210	5.3
18	M25 x 1.0-6H	1.375	34.9	1.250	31.8	2.18	55.4	2.02	51.3	1.28	32.5	1.10	27.9	1.68	42.7	.756	19.2	.839	21.3	.246	6.2
20	M28 x 1.0-6H	1.500	38.1	1.375	34.9	2.18	55.4	2.02	51.3	1.35	34.3	1.10	27.9	1.74	44.2	.843	21.4	.934	23.7	.277	7.0
22	M31 x 1.0-6H	1.625	41.3	1.500	38.1	2.64	67.1	2.43	61.7	1.63	41.4	1.26	32.0	2.12	53.8	.969	24.6	1.068	27.1	.313	8.0
24	M34 x 1.0-6H	1.750	44.5	1.625	41.3	2.64	67.1	2.43	61.7	1.67	42.4	1.26	32.0	2.16	54.9	1.091	27.7	1.197	30.4	.349	8.9



Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

871V002 Swing-Arm Flex Clamp with Braid Sock, Composite

Self-Locking



Shielded. Lightweight. Self-locking. Adjustable arms. 871V002 Swing-Arm Flex Clamp fits Glenair Series 806 Mil-Aero connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Corrosion-resistant high performance thermoplastic meets AS85049 requirements. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code **V**

This accessory fits Glenair Series 806 Mil-Aero connectors

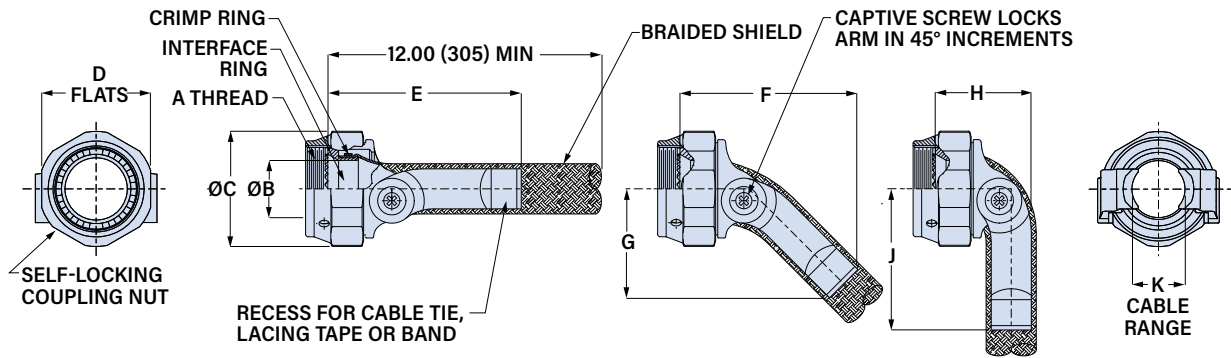
TABLE 1

INTERFACE RING MATERIAL/ FINISH

Aluminum	
ME	Electroless Nickel
NF	Olive Drab Cadmium and Electroless Nickel (Figure 1)
MT	Nickel-PTFE
TZ	Tin-Zinc
ZR	Black Zinc-Nickel
Brass	
BM	Electroless Nickel
BN	Olive Drab Cadmium and Electroless Nickel (Figure 1)
BMT	Nickel-PTFE

PART NUMBER

	871V002	BM	22	N	J	14
Base P/N	871V002					
Interface Ring Material/Finish	See Table 1					
Shell Size	08 09 10 11 12 14 16 18 20 22 24					
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L ArmorLite® Microfilament Nickel/SST Braid					
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band					
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.					



Shell Size	A Thread ISO Metric	ø B Min		ø C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	M10 x 1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
09	M12 x 1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
10	M14 x 1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
11	M15 x 1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12	M17 x 1.0-6H	.510	13.0	1.125	28.6	1.000	25.4	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14	M19 x 1.0-6H	.510	13.0	1.250	31.8	1.125	28.6	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
16	M22 x 1.0-6H	.671	17.0	1.250	31.8	1.125	28.6	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
18	M25 x 1.0-6H	.788	20.0	1.375	34.9	1.250	31.8	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
20	M28 x 1.0-6H	.881	22.4	1.500	38.1	1.375	34.9	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
22	M31 x 1.0-6H	1.007	25.6	1.625	41.3	1.500	38.1	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
24	M34 x 1.0-6H	1.127	28.6	1.750	44.5	1.625	41.3	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9

Swing-Arm® Clamps

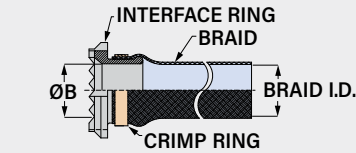
for Series 806 Mil-Aero Connectors

871V002 Swing-Arm Flex Clamp with Braid Sock, Composite

MATERIAL/FINISH

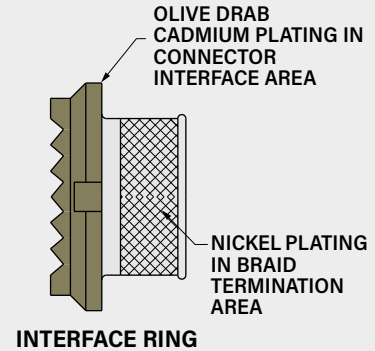
- Coupling nut, body, arms: polyetherimide (PEI)/unplated
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- Interface ring: brass or aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Clinch nuts: stainless steel/silver
- Band (optional): stainless steel/passivated
- Braid:
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID

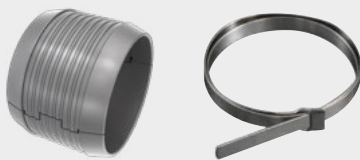


Shell Size	ØB Min		Braid I.D.	
	In.	mm.	In.	mm.
08	.264	6.7	.375	9.53
09	.264	6.7	.375	9.53
10	.390	9.9	.375	9.53
11	.390	9.9	.375	9.53
12	.510	13.0	.781	19.84
14	.510	13.0	.781	19.84
16	.671	17.0	.500	12.70
18	.788	20.0	.781	19.84
20	.881	22.4	.781	19.84
22	1.007	25.6	1.000	25.40
24	1.127	28.6	1.000	25.40

FIGURE 1
NF AND BN SELECTIVE FINISH



SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



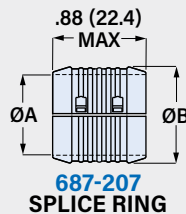
Splice Ring

Band

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. Install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Band Part Number		Splice Ring Part Number	ØA		ØB	
	Standard	Slim Standard		± .03 (0.8) in	mm	± .03 (0.8) in	mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
11	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
16	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
18	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
20	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
22	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
24	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5



Banding Tool for Standard Band
601-100



Banding Tool for Slim Standard Band
601-109



Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

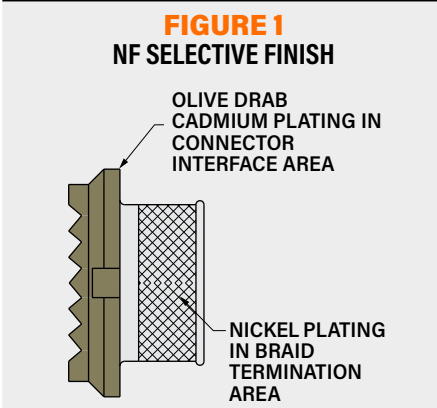
871V003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

Self-Locking

Shielded. Lightweight. Self-locking. Adjustable arms. 871V003 Swing-Arm Flex Clamp has aluminum coupling nut and body with thermoplastic flex arms. Fits Glenair Series 806 Mil-Aero connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Supplied with 12 inches (305 mm) of shield braid attached to metal interface ring. Braid choices include 34 AWG nickel/copper, 34 AWG tin/copper, ultralightweight AmberStrand® or microfilament nickel/SST Armorlite®. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

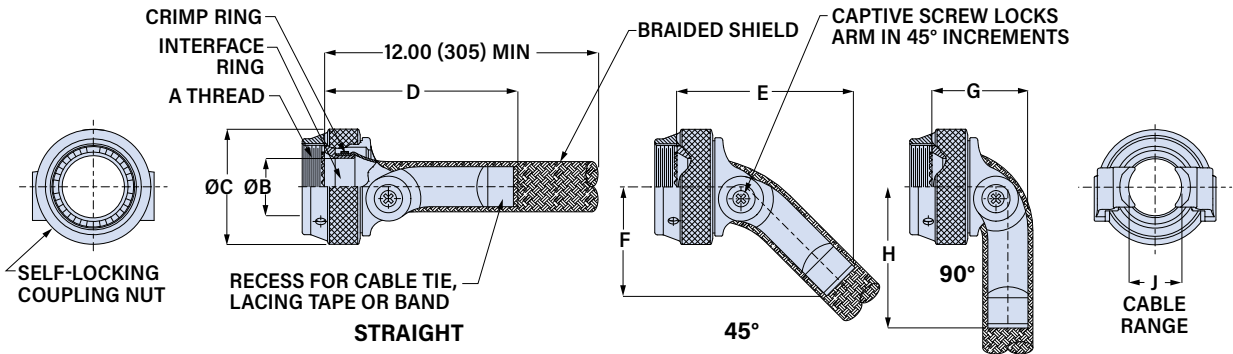


Adapter Code V
This accessory fits Glenair Series 806 Mil-Aero connectors



PART NUMBER

	871V003	BM	22	N	J	14
Base P/N	871V003					
Material/Finish	ME Electroless Nickel NF O. D. Cadmium, Selective (Figure 1) MT Nickel-PTFE TZ Tin-Zinc ZR Black Zinc-Nickel					
Shell Size	08 09 10 11 12 14 16 18 20 22 24					
Braid Type	N 34 AWG Nickel/Copper Braid T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L ArmorLite® Microfilament Nickel/SST Braid					
Splice Ring and Band	Omit if not required K Splice ring and standard band J Splice ring and slim standard band					
Braid Length	Omit for standard 12 inch length 14 Length in 1 inch increments, 6 inch min "14" = 14 inches.					



Shell Size	A Thread ISO Metric	Ø B Min		Ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	M10 x 1.0-6H	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
09	M12 x 1.0-6H	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
10	M14 x 1.0-6H	.390	9.9	.938	23.8	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
11	M15 x 1.0-6H	.390	9.9	.938	23.8	1.77	45.0	1.54	39.1	.87	22.1	.83	21.1	1.12	28.4	.455	11.6	.121	3.1
12	M17 x 1.0-6H	.504		1.125	28.6	2.05	52.1	1.85	47.0	1.07	27.2	1.01	25.7	1.41	35.8	.598	15.2	.157	4.0
14	M19 x 1.0-6H	.630		1.250	31.8	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
16	M22 x 1.0-6H	.630		1.250	31.8	2.05	52.1	1.85	47.0	1.13	28.7	1.01	25.7	1.47	37.3	.710	18.0	.210	5.3
18	M25 x 1.0-6H	.756		1.375	34.9	2.26	57.4	2.10	53.3	1.26	32.0	1.17	29.7	1.65	41.9	.839	21.3	.246	6.2
20	M28 x 1.0-6H	.843		1.500	38.1	2.26	57.4	2.10	53.3	1.32	33.5	1.17	29.7	1.71	43.4	.934	23.7	.277	7.0
22	M31 x 1.0-6H	.969		1.625	41.3	2.72	69.1	2.51	63.8	1.60	40.6	1.33	33.8	2.09	53.1	1.068	27.1	.313	8.0
24	M34 x 1.0-6H	1.091		1.750	44.5	2.72	69.1	2.51	63.8	1.64	41.7	1.33	33.8	2.13	54.1	1.197	30.4	.349	8.9

Swing-Arm® Clamps

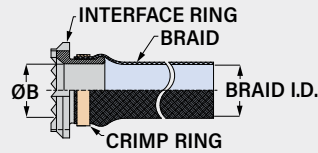
for Series 806 Mil-Aero Connectors

871V003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

MATERIAL/FINISH

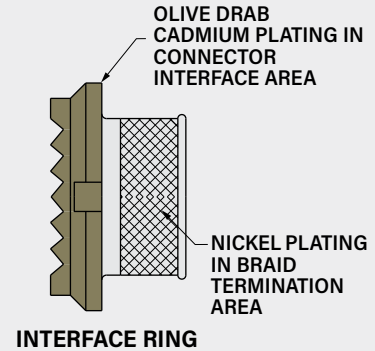
- Coupling nut, body: aluminum
- Flex arms: PEEK (PEI)/unplated, black
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- Interface ring: aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Band (optional): stainless steel/passivated
- Braid:**
 - Code N: 34 AWG nickel-coated copper
 - Code T: 34 AWG tin-coated copper,
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

INTERFACE RING AND BRAID

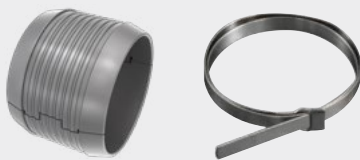


Shell Size	ØB Min		Braid I.D.	
	In.	mm.	In.	mm.
08	.264	6.7	.375	9.53
09	.264	6.7	.375	9.53
10	.390	9.9	.375	9.53
11	.390	9.9	.375	9.53
12	.510	13.0	.781	19.84
14	.510	13.0	.781	19.84
16	.671	17.0	.500	12.70
18	.788	20.0	.781	19.84
20	.881	22.4	.781	19.84
22	1.007	25.6	1.000	25.40
24	1.127	28.6	1.000	25.40

FIGURE 1
NF AND BN SELECTIVE FINISH



SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



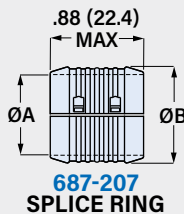
Splice Ring

Band

Optional splice ring provides a reliable, low resistance method of splicing Swing-Arm braid to wire bundle braid. Snap splice ring over wire bundle, then overlap braid sock, pigtails and cable braid. install band around splice ring and braid using Band-Master ATS banding tool.

Slim Standard Band is 50% lighter weight than standard band with no reduction in strength.

Shell Size	Band Part Number		Splice Ring Part Number	ØA		ØB	
	Standard	Slim Standard		±.03 (0.8) in	±.03 (0.8) mm	±.03 (0.8) in	±.03 (0.8) mm
08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
10	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
11	601-006	601-571	687-207XB06	.38	9.7	.53	13.5
12	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
14	601-006	601-571	687-207XB08	.50	12.7	.65	16.5
16	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
18	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
20	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
22	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2
24	601-041	601-573	687-207XB18	1.13	28.7	1.28	32.5



687-207
SPLICE RING



Banding Tool for
Standard Band
601-100



Banding Tool for Slim
Standard Band
601-109

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

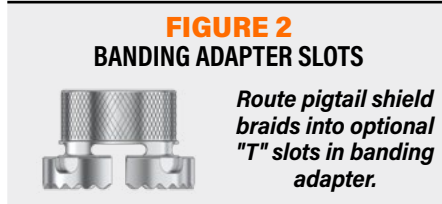
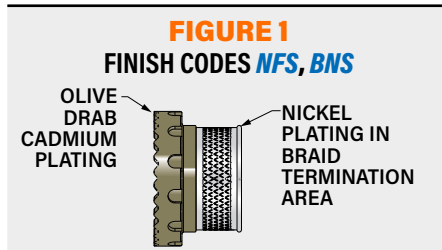
871V004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

Self-Locking

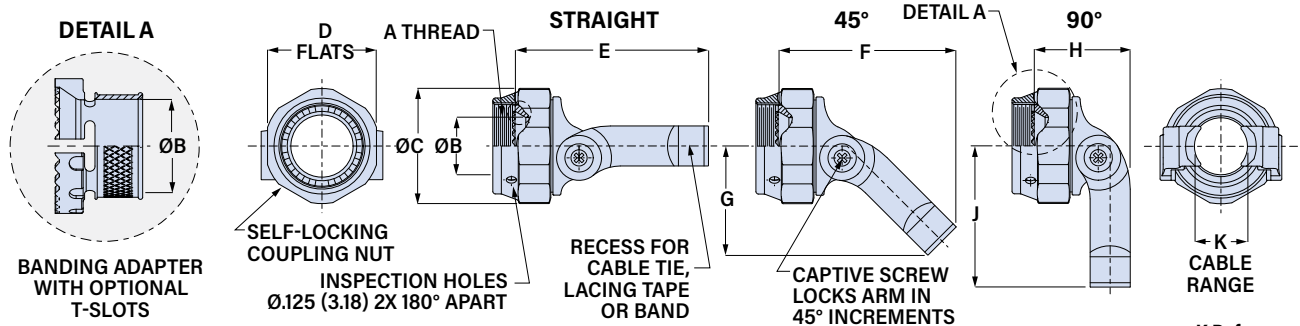


Shielded, self-locking, adjustable arms. 871V004 Swing-Arm Flex Clamp fits Glenair Series 806 Mil-Aero connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented pre-coupling and prevents backoff under high vibration.

Adapter Code V
This accessory fits Glenair Series 806 Mil-Aero connectors



PART NUMBER	871V004	M	22	S	K
Base P/N	871V004				
Banding Adapter Material/Finish	<p>ME Alum/Electroless Nickel NF Alum/Olive Drab Cadmium NFS Alum/O.D. Cadmium, selective (fig. 1) MT Alum/Nickel-PTFE TZ Alum/Tin-Zinc BM Brass/Electroless Nickel BN Brass/Olive Drab Cadmium BNS Brass/O.D. Cadmium, selective (fig. 1) BMT Brass/Nickel-PTFE</p>				
Shell Size	08 09 10 11 12 14 16 18 20 22 24				
Banding Adapter Slots	<p>S Omit if not required. See Figure 2 "T" Slots in Banding Adapter for Shield Pigtails</p>				
Band	<p>Omit if not required. K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp</p>				



Shell Size	A Thread ISO Metric	ø B Min		ø C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	M10 x 1.0-6H	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.57	39.9	.87	22.1	.96	24.4	1.12	28.4	.393	10.0	.098	2.5
09	M12 x 1.0-6H	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.57	39.9	.87	22.1	.96	24.4	1.12	28.4	.393	10.0	.098	2.5
10	M14 x 1.0-6H	.305	7.7	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.96	24.4	1.15	29.2	.455	11.6	.121	3.1
11	M15 x 1.0-6H	.305	7.7	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.96	24.4	1.15	29.2	.455	11.6	.121	3.1
12	M17 x 1.0-6H	.404	10.3	1.125	28.6	1.000	25.4	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14	M19 x 1.0-6H	.565	14.4	1.250	31.8	1.125	28.6	2.08	52.8	1.88	47.8	1.16	29.5	1.32	33.5	1.50	38.1	.598	15.2	.157	4.0
16	M22 x 1.0-6H	.565	14.4	1.250	31.8	1.125	28.6	2.08	52.8	1.88	47.8	1.16	29.5	1.32	33.5	1.50	38.1	.710	18.0	.210	5.3
18	M25 x 1.0-6H	.658	16.7	1.375	34.9	1.250	31.8	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
20	M28 x 1.0-6H	.777	19.7	1.500	38.1	1.375	34.9	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.81	46.0	.934	23.7	.277	7.0
22	M31 x 1.0-6H	.877	22.3	1.625	41.3	1.500	38.1	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
24	M34 x 1.0-6H	.999	25.4	1.750	44.5	1.625	41.3	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9



Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

871V004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

MATERIAL/FINISH

Coupling nut, body, arms, saddles:
polyetherimide (PEI)/ unplated black
Screws, washers, inserts: stainless steel/
passivated
Anti-decoupling springs: thermoplastic
Banding adapter: aluminum alloy or brass
Band (optional): stainless steel/ passivated
Clinch nuts: stainless steel/ silver plated

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Band



Micro Band Tool
601-101



Slim Micro Band Tool
601-122

Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
8 - 12	601-061	601-601	8.125	206	.88	22.4
14 - 24	601-065	601-603	14.25	362	1.88	47.8

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

871V005 Swing-Arm Flex Clamp, EMI Banding Adapter, Aluminum

Self-Locking

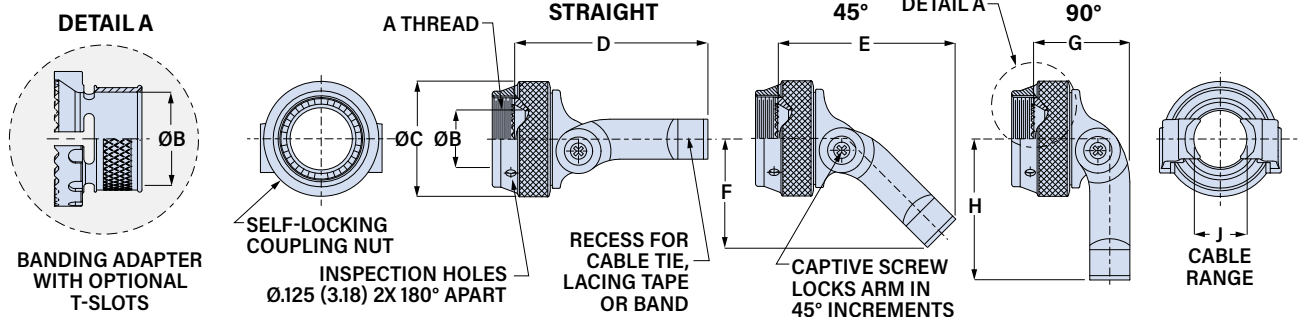
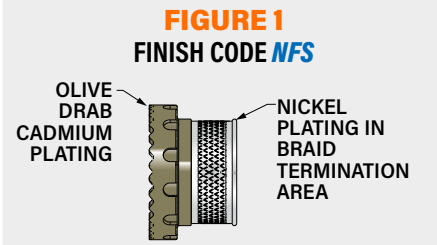


Shielded, self-locking, adjustable arms. 871V005 Swing-Arm Flex Clamp has aluminum coupling nut and body with high strength thermoplastic flex arms. Fits Glenair Series 806 Mil-Aeroconnectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code V
This accessory fits Glenair Series 806 Mil-Aero connectors

PART NUMBER

Base P/N	871V005	871V005	M	22	S	K
Material/Finish	ME	Alum/Electroless Nickel				
	NF	Alum/Olive Drab Cadmium				
	NFS	Alum/O.D. Cadmium, selective (fig. 1)				
	MT	Alum/Nickel-PTFE				
	TZ	Alum/Tin-Zinc				
Shell Size	08 09 10 11 12 14 16 18 20 22 24					
Banding Adapter Slots	Omit if not required. See Detail A. S "T" Slots in Banding Adapter for Shield Pigtailed					
Band	Omit if not required. K Pre-Coiled Micro Band included With Clamp J Pre-Coiled Slim Micro Band included With Clamp					



Shell Size	A Thread ISO Metric	ø B Min		ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min		
08	M10 x 1.0-6H	.178	4.5	.812	20.6	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
09	M12 x 1.0-6H	.178	4.5	.812	20.6	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
10	M14 x 1.0-6H	.305	7.7	.938	23.8	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
11	M15 x 1.0-6H	.305	7.7	.938	23.8	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
12	M17 x 1.0-6H	.404	10.3	1.125	28.6	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14	M19 x 1.0-6H	.565	14.4	1.250	31.8	2.08	52.8	1.88	47.8	1.16	29.5	1.05	26.7	1.50	38.1	.710	18.0	.210	5.3
16	M22 x 1.0-6H	.565	14.4	1.250	31.8	2.08	52.8	1.88	47.8	1.16	29.5	1.05	26.7	1.50	38.1	.710	18.0	.210	5.3
18	M25 x 1.0-6H	.658	16.7	1.375	34.9	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
20	M28 x 1.0-6H	.777	19.7	1.500	38.1	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.81	46.0	.934	23.7	.277	7.0
22	M31 x 1.0-6H	.877	22.3	1.625	41.3	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
24	M34 x 1.0-6H	.999	25.4	1.750	44.5	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9

BAND INFORMATION

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



MATERIAL/FINISH

Coupling nut, body, banding adapter: aluminum
Flex arms: high-strength thermoplastic
Screws, washers, inserts: sst/passivated
Anti-decoupling springs: thermoplastic
Band (optional): stainless steel/ passivated

Swing-Arm® Clamps

for Series 970 PowerTrip™ Connectors

870P001 PowerTrip Swing-Arm, Non-EMI

Self-Locking



Self-locking, adjustable arms. Aluminum or SST. Use with unshielded power cables. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threads to withstand high vibration. Full radius saddles have self-locking clinch nuts, bushing option fills excess voids in clamp. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Available in aluminum or stainless steel. Use Glenair TurboFlex power feeder cable to mitigate contact/grommet splay.

Adapter Code P
This accessory fits Glenair PowerTrip connectors

PART NUMBER

Base P/N	870P001	MT	20	-4
Finish Symbol	See Table 2			
Order Number	See Table 1			
Bushing Option	See Table 3 (Omit for none)			

TABLE 2

Sym	Finish Description	Component
Aluminum Alloy		
ME	Electroless Nickel	Coupling, Clamp, Saddle Bars
MT	Nickel - PTFE	Coupling, Clamp, Saddle Bars
NF	Cad O.D. Over E.N.	Coupling, Clamp, Saddle Bars
ZR	Zinc - Nickel, Black Over E.N.	Coupling, Clamp, Saddle Bars
300 Series Stainless Steel		
ZM	Electroless Nickel	Clamp, Saddle Bars
	Passivate	Coupling
ZMT	Nickel - PTFE	Clamp, Saddle Bars
	Passivate	Coupling
ZW	Cad O.D. Over E.N.	Clamp, Saddle Bars
	Passivate	Coupling
ZI	Passivate	Coupling, Clamp, Saddle Bars

MATERIAL/FINISH

Coupling nut, clamp, saddle bars: see Table 2
Hardware: cres/passivate
Bushing & anti-decoupling device: high temperature thermoplastic / NA

TABLE 1

Order No	A Thread Class 2b	B Max in	B Max mm	C ± .031 in	C ± .031 mm	D Max in	D Max mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Ref in	H Ref mm	J Max in	J Max mm	K Max in	K Max mm	L Ref in	L Ref mm	M Ref in	M Ref mm
18	11/8-18 UNEF	1.39	35.3	0.518	13.2	1.795	45.6	2.379	60.4	2.280	57.9	1.211	30.8	1.52	38.6	1.513	38.4	1.310	33.3	0.63	16.0	0.63	16.0
20	11/4-18 UNEF	1.53	38.9	0.665	16.9	1.929	49.0	2.504	63.6	2.456	62.4	1.263	32.1	1.81	46.0	1.711	43.5	1.310	33.3	0.75	19.1	0.63	16.0
24	17/16-18 UNEF	1.72	43.7	0.795	20.2	2.114	53.7	2.879	73.1	2.805	71.3	1.486	37.7	2.12	53.9	1.901	48.3	1.560	39.6	0.88	22.4	0.75	19.1
28	113/16-16 UN	2.13	54.1	1.080	27.4	2.424	61.6	3.004	76.3	3.031	77.0	1.587	40.3	2.41	61.2	2.169	55.1	1.560	39.6	1.00	25.4	0.75	19.1
32	2 1/16-16 UNS	2.35	59.7	1.200	30.5	2.816	71.5	3.629	92.2	3.596	91.3	2.027	51.5	2.75	69.9	2.417	61.4	2.060	52.3	1.13	28.7	0.88	22.4
36	2 1/4-16 UN	2.59	65.8	1.400	35.6	3.019	76.7	3.754	95.4	3.792	96.3	2.098	53.3	3.03	77.0	2.642	67.1	2.060	52.3	1.25	31.8	0.88	22.4
40	2 1/2-16 UN	2.87	72.9	1.700	43.2	3.246	82.5	3.879	98.5	4.023	102.2	2.204	56.0	3.32	84.3	2.917	74.1	2.060	52.3	1.38	35.1	0.88	22.4

Swing-Arm® Clamps

for Series 970 PowerTrip™ Connectors

870P001 PowerTrip Swing-Arm, Non-EMI

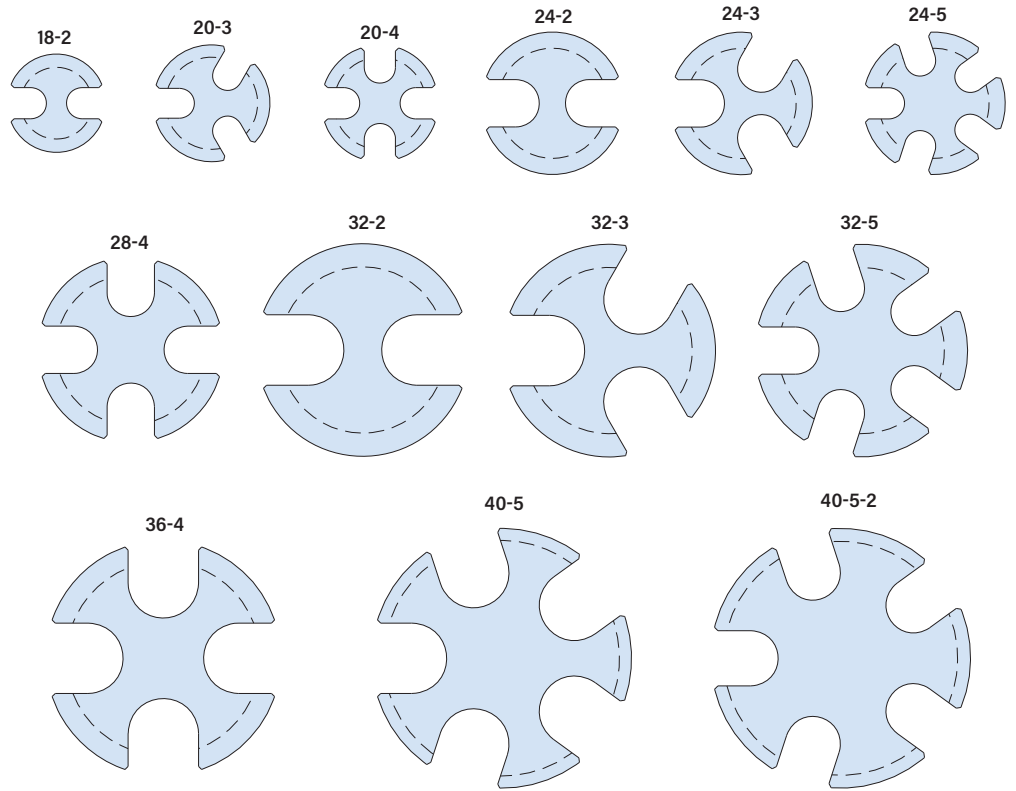
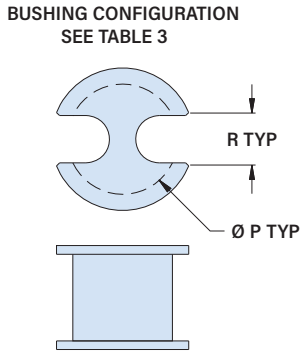


TABLE 3

Shell Size	Bushing Option	øP In.	øP mm.	R In.	R mm.
18	-2	0.518	13.2	0.225	5.7
20	-3	0.665	16.9	0.215	5.5
20	-4	0.665	16.9	0.225	5.7
24	-2	0.795	20.2	0.342	8.7
24	-3	0.795	20.2	0.341	8.7
24	-5	0.795	20.2	0.225	5.7
28	-4	1.080	27.4	0.341	8.7
32	-2	1.200	30.5	0.508	12.9
32	-3	1.200	30.5	0.508	12.9
32	-5	1.200	30.5	0.341	8.7
36	-4	1.400	35.6	0.508	12.9
40	-5	1.700	43.2	0.508	12.9
40	-5 -2	1.688	42.9	0.398	10.1

ALSO AVAILABLE
FROM GLENAIR

- MADE IN USA
- MASSIVE SAME-DAY INVENTORY



Glass-to-Metal and Lightweight Encapsulant Seal Circular Hermetic Connectors



Resolve gas, moisture and particle ingress problems with advanced-performance glass- and encapsulant-sealed hermetic connectors

- Superior pressure resistance to 32,000+ PSI
- Higher resistance to extreme operating temperatures to 260°+ C
- Superior mechanical strength
- No material breakdown or aging over time
- Helium leak rate <math> < 1 \times 10^{-7}</math> cc/sec to 1×10^{-10}

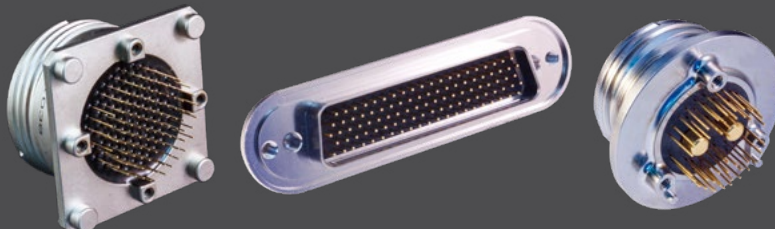


Easy customization of hermetic connector solutions including crimp-removable contacts, Coax, Triax, Quadrax, and hybrid-contact layouts—in MIL-DTL-38999 and other popular mil-aero connector packages

CODE RED

LIGHTWEIGHT HERMETIC SEALING

Lightweight hermetic encapsulant sealing solution with 1×10^{-7} leak rate performance. Available today in Series 806 Mil-Aero, M24308/9 D-Sub and D38999/23

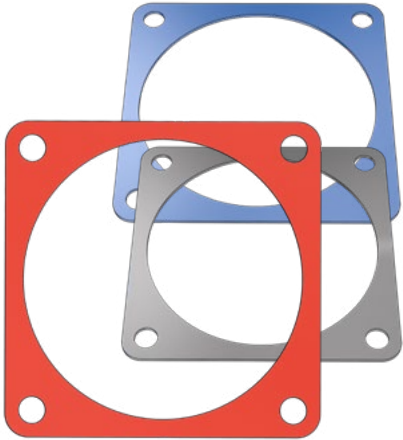


Aluminum shell CODE RED hermetic connectors and copper contacts reduce weight and improve electrical performance compared to heavier-duty glass-to-metal seal hermetic solutions

Series 93 Gaskets

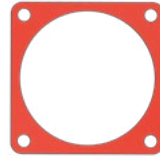
Selection Guide

Series 93 Gaskets



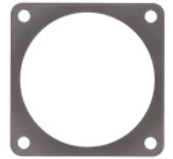
Series 93 gaskets provide environmental protection to panel-mounted circular connectors with square mounting flanges. Conductive rubber versions provide additional EMI protection.

MIL-DTL-38999
MIL-DTL-26482
MIL-DTL-83723
MIL-DTL-26500
AS81703



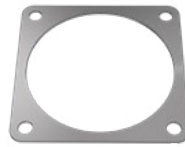
930-001
Page 93-2

Series 970
PowerTrip



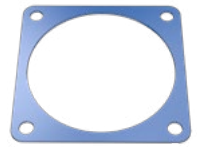
930-014
Page 93-6

AS50151
MIL-DTL-22992
Class C, J, R



930-004
Page 93-3

MIL-DTL-28840
MIL-PRF-28876



930-006
Page 93-6

Mighty Mouse
Series 800
Series 801
Series 802
Series 803
Series 805



809-108
Page 93-4

Series 806
MIL-Aero

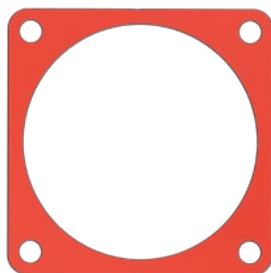


930-017
Page 93-5

Series 93 Gaskets

For MIL-DTL-38999, MIL-DTL-83723, MIL-DTL-26500, and AS81703

930-001 Flange Gasket



930-001 flange gaskets fit MIL-DTL-38999, MIL-DTL-83723, MIL-DTL-26500 and AS81703 square flange connectors. Available in a variety of materials, these gaskets provide environmental protection and EMI shielding.

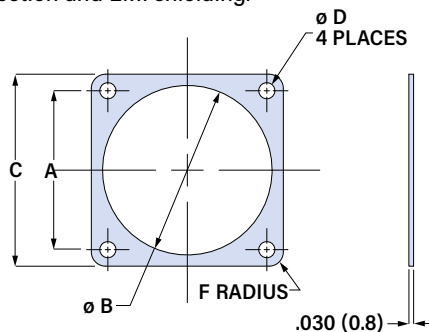


TABLE 1 MATERIAL CODE

EMI Gaskets	
B	Fluorosilicone with Silver-Plated Aluminum Filler MIL-G-83528 Type D, CHO-SEAL 1298, 90 dB shielding @ 10GHz, good corrosion resistance, resists jet fuels and solvents, -55 to +200 °C, tan
C	Silicone with Embedded Monel Wire Mesh Corrosion-resistant QQ-N-281 nickel-copper alloy wire embedded in silicone, good EMI shielding, -55 to +260 °C, grey
K	Silicone with Oriented Monel Wire QQ-N-281 nickel-copper alloy wire embedded into the z-axis, good EMI shielding, -55 to +200 °C, grey
M	Silicone with Silver-Plated Glass Filler MIL-G-83528 Type M, 100 dB shielding @ 10GHz, fair corrosion resistance, -55 to +200 °C, tan
Non-Conductive Gaskets	
F	Fluorosilicone (blue)
N	Neoprene (black)
S	Silicone (red)
V	Viton (black)

MIL-DTL-26482, MIL-DTL-83723, MIL-DTL-26500, MIL-DTL-38999 SERIES II

Shell Size	Part No. * = Material Code	A		øB		C		øD		F Rad	
		±.005 (0.1) in	mm	±.007 (0.2) in	mm	±.008 (0.2) in	mm	±.005 (0.1) in	mm	±.015 (0.4) in	mm
8	930-001*01	.594	15.1	.562	14.3	.812	20.6	.125	3.2	.105	2.7
10	930-001*03	.719	18.3	.687	17.4	.937	23.8	.125	3.2	.105	2.7
12	930-001*04	.812	20.6	.772	19.6	1.031	26.2	.125	3.2	.105	2.7
14	930-001*06	.906	23.0	.937	23.8	1.125	28.6	.125	3.2	.105	2.7
16	930-001*07	.969	24.6	1.063	27.0	1.250	31.8	.125	3.2	.135	3.4
18	930-001*08	1.062	27.0	1.187	30.1	1.343	34.1	.125	3.2	.135	3.4
20	930-001*10	1.156	29.4	1.312	33.3	1.467	37.3	.125	3.2	.135	3.4
22	930-001*11	1.250	31.8	1.437	36.5	1.562	39.7	.125	3.2	.135	3.4
24	930-001*12	1.375	34.9	1.562	39.7	1.703	43.3	.152	3.9	.135	3.4

MIL-DTL-38999 SERIES I, III, AND IV

Shell Size	Part No. * = Material Code	A		øB		C		øD		F Rad	
		±.005 (0.1) in	mm	±.007 (0.2) in	mm	±.008 (0.2) in	mm	±.005 (0.1) in	mm	±.015 (0.4) in	mm
9 (A)	930-001*03	.719	18.3	.687	17.4	.937	23.8	.125	3.2	.105	2.7
11 (B)	930-001*04	.812	20.6	.772	19.6	1.031	26.2	.125	3.2	.105	2.7
13 (C)	930-001*06	.906	23.0	.937	23.8	1.125	28.6	.125	3.2	.105	2.7
15 (D)	930-001*07	.969	24.6	1.063	27.0	1.250	31.8	.125	3.2	.135	3.4
17 (E)	930-001*08	1.062	27.0	1.187	30.1	1.343	34.1	.125	3.2	.135	3.4
19 (F)	930-001*10	1.156	29.4	1.312	33.3	1.467	37.3	.125	3.2	.135	3.4
21 (G)	930-001*11	1.250	31.8	1.437	36.5	1.562	39.7	.125	3.2	.135	3.4
23 (H)	930-001*12	1.375	34.9	1.562	39.7	1.703	43.3	.152	3.9	.135	3.4
25 (J)	930-001*14	1.500	38.1	1.600	40.6	1.812	46.0	.152	3.9	.135	3.4

AS81703

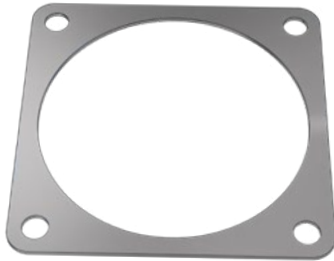
Shell Size	Part No. * = Material Code	A		øB		C		øD		F Rad	
		±.005 (0.1) in	mm	±.007 (0.2) in	mm	±.008 (0.2) in	mm	±.005 (0.1) in	mm	±.015 (0.4) in	mm
3	930-001*02	.625	15.9	.603	15.3	.896	22.8	.125	3.2	.105	2.7
7	930-001*03	.719	18.3	.687	17.4	.937	23.8	.125	3.2	.105	2.7
12	930-001*05	.812	20.6	.828	21.0	1.114	28.3	.125	3.2	.105	2.7
19	930-001*06	.906	23.0	.937	23.8	1.125	28.6	.125	3.2	.105	2.7
27	930-001*07	.969	24.6	1.063	27.0	1.250	31.8	.125	3.2	.135	3.4
37	930-001*09	1.187	30.1	1.266	32.2	1.458	37.0	.125	3.2	.135	3.4
61	930-001*13	1.436	36.5	1.570	39.9	1.799	45.7	.125	3.2	.135	3.4



Series 93 Gaskets

For AS50151 and MIL-DTL-22992 Class C, J, R

930-004 Flange Gasket



930-004 flange gaskets fit AS50151 and MIL-DTL-22992 Series C, J and R square flange connectors. Available in a variety of materials, these gaskets provide environmental protection and EMI shielding.

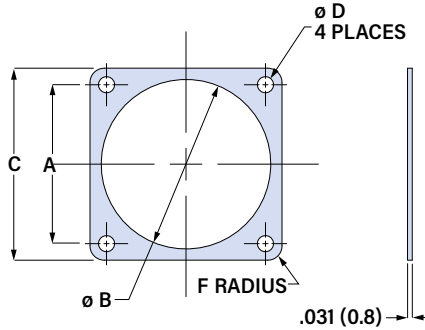


TABLE 1 MATERIAL CODE

EMI Gaskets

- B** **Fluorosilicone with Silver-Plated Aluminum Filler**
MIL-G-83528 Type D, CHO-SEAL 1298, 90 dB shielding @ 10GHz, good corrosion resistance, resists jet fuels and solvents, -55 to +200 °C, tan
- C** **Silicone with Embedded Monel Wire Mesh**
Corrosion-resistant QQ-N-281 nickel-copper alloy wire embedded in silicone, good EMI shielding, -55 to +260 °C, grey
- K** **Silicone with Oriented Monel Wire**
QQ-N-281 nickel-copper alloy wire embedded into the z-axis, good EMI shielding, -55 to +200 °C, grey
- M** **Silicone with Silver-Plated Glass Filler**
MIL-G-83528 Type M, 100 dB shielding @ 10GHz, fair corrosion resistance, -55 to +200 °C, tan

Non-Conductive Gaskets

- F** Fluorosilicone (blue)
- N** Neoprene (black)
- R** Nitrile (black)
- S** Silicone (red)
- V** Viton (black)

AS50151 (MIL-DTL-5015)

Shell Size	Part No. * = Material Code	A		øB		C		øD		F Rad	
		± .010 (0.3) in	mm	+ .016 (0.2) - .000 (0.0) in	mm	+ .016 (0.2) - .000 (0.0) in	mm	± .010 (0.3) in	mm	in	mm
8S	930-004*01	.594	15.1	.500	12.7	.875	22.2	.172	4.4	.141	3.6
10S, 10SL	930-004*02	.719	18.3	.625	15.9	1.000	25.4	.172	4.4	.141	3.6
12, 12S	930-004*03	.812	20.6	.750	19.1	1.094	27.8	.172	4.4	.141	3.6
14, 14S	930-004*04	.906	23.0	.875	22.2	1.188	30.2	.172	4.4	.141	3.6
16, 16S	930-004*05	.969	24.6	1.000	25.4	1.281	32.5	.172	4.4	.156	4.0
18	930-004*06	1.062	27.0	1.125	28.6	1.375	34.9	.203	5.2	.156	4.0
20	930-004*07	1.156	29.4	1.250	31.8	1.500	38.1	.203	5.2	.172	4.4
22	930-004*08	1.250	31.8	1.375	34.9	1.625	41.3	.203	5.2	.188	4.8
24	930-004*09	1.375	34.9	1.500	38.1	1.750	44.5	.203	5.2	.188	4.8
28	930-004*10	1.562	39.7	1.750	44.5	2.000	50.8	.203	5.2	.219	5.6
32	930-004*12	1.750	44.5	2.000	50.8	2.250	57.2	.219	5.6	.250	6.4
36	930-004*13	1.938	49.2	2.188	55.6	2.500	63.5	.219	5.6	.281	7.1
40	930-004*14	2.188	55.6	2.438	61.9	2.750	69.9	.219	5.6	.281	7.1
44	930-004*16	2.375	60.3	2.688	68.3	3.000	76.2	.219	5.6	.312	7.9
48	930-004*17	2.625	66.7	2.938	74.6	3.250	82.6	.219	5.6	.312	7.9

MIL-DTL-22992 CLASS C, J, R

Shell Size	Part No. * = Material Code	A		øB		C		øD		F Rad	
		± .010 (0.3) in	mm	+ .016 (0.2) - .000 (0.0) in	mm	+ .016 (0.2) - .000 (0.0) in	mm	± .010 (0.3) in	mm	in	mm
12	930-004*04	.906	23.0	.875	22.2	1.188	30.2	.172	4.4	.141	3.6
14	930-004*05	.969	24.6	1.000	25.4	1.281	32.5	.172	4.4	.156	4.0
16	930-004*06	1.062	27.0	1.125	28.6	1.375	34.9	.203	5.2	.156	4.0
18	930-004*07	1.156	29.4	1.250	31.8	1.500	38.1	.203	5.2	.172	4.4
20	930-004*08	1.250	31.8	1.375	34.9	1.625	41.3	.203	5.2	.188	4.8
22	930-004*09	1.375	34.9	1.500	38.1	1.750	44.5	.203	5.2	.188	4.8
24	930-004*10	1.562	39.7	1.750	44.5	2.000	50.8	.203	5.2	.219	5.6
28	930-004*12	1.750	44.5	2.000	50.8	2.250	57.2	.219	5.6	.250	6.4
32	930-004*13	1.938	49.2	2.188	55.6	2.500	63.5	.219	5.6	.281	7.1
36	930-004*14	2.188	55.6	2.438	61.9	2.750	69.9	.219	5.6	.281	7.1

Series 93 Gaskets

For Series 80 Mighty Mouse Connectors

809-108 Flange Gasket



TABLE 1 MATERIAL CODE

EMI Gaskets

C

Silicone Filled With Silver-Plated Aluminum

MIL-G-83528 Type B, CHO-SEAL
1285, 100 dB shielding @ 10GHz, good corrosion resistance, -55 to +200 °C, blue

X

Fluorosilicone Filled With Silver-Plated Aluminum

MIL-G-83528 Type D, CHO-SEAL
1298, 90 dB shielding @ 10GHz, good corrosion resistance, resists jet fuels and solvents, -55 to +200 °C, tan

Non-Conductive Gaskets

F

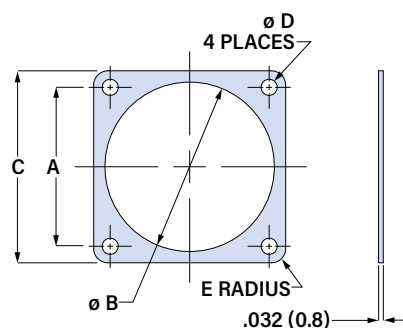
Fluorosilicone

E

EPDM

V

Viton



809-108 flange gaskets fit Glenair Series 80 square flange connectors. Available in a variety of materials, these gaskets provide environmental protection and EMI shielding.

Series 800

Series 800 Shell Size	Part No. * = Material Code	A ±.015 (0.4)		øB ±.015 (0.4)		C ±.015 (0.4)		øD ±.015 (0.4)		E Rad	
		in	mm	in	mm	in	mm	in	mm	in	mm
5	809-108*01	.363	9.2	.342	8.7	.527	13.4	.093	2.4	.078	2.0
6	809-108*02	.423	10.7	.405	10.3	.588	14.9	.093	2.4	.078	2.0
7	809-108*03	.483	12.3	.467	11.9	.650	16.5	.125	3.2	.078	2.0
8	809-108*04	.542	13.8	.530	13.5	.709	18.0	.125	3.2	.078	2.0
9	809-108*05	.719	18.3	.593	15.1	.938	23.8	.125	3.2	.105	2.7
10	809-108*06	.719	18.3	.655	16.6	.938	23.8	.125	3.2	.105	2.7
12	809-108*07	.812	20.6	.780	19.8	1.031	26.2	.125	3.2	.105	2.7

Series 801

Series 801 Shell Size	Part No. * = Material Code	A ±.015 (0.4)		øB ±.015 (0.4)		C ±.015 (0.4)		øD ±.015 (0.4)		E Rad	
		in	mm	in	mm	in	mm	in	mm	in	mm
5	809-108*11	.363	9.2	.342	8.7	.530	13.5	.093	2.4	.078	2.0
6	809-108*12	.423	10.7	.405	10.3	.590	15.0	.093	2.4	.078	2.0
7	809-108*13	.483	12.3	.467	11.9	.650	16.5	.093	2.4	.078	2.0
8	809-108*14	.545	13.8	.530	13.5	.712	18.1	.093	2.4	.078	2.0
9	809-108*16	.607	15.4	.560	14.2	.850	21.6	.125	3.2	.105	2.7
10	809-108*15	.670	17.0	.655	16.6	.890	22.6	.125	3.2	.105	2.7
11	809-108*45	.715	18.2	.717	18.2	.935	23.7	.125	3.2	.105	2.7
13	809-108*17	.812	20.6	.842	21.4	1.030	26.2	.125	3.2	.105	2.7
16	809-108*18	.981	24.9	1.030	26.2	1.219	31.0	.125	3.2	.105	2.7
17	809-108*19	1.060	26.9	1.092	27.7	1.280	32.5	.125	3.2	.105	2.7
19	809-108*44	1.191	30.3	1.218	30.9	1.432	36.4	.125	3.2	.105	2.7
21	809-108*43	1.322	33.6	1.332	33.8	1.570	39.9	.125	3.2	.105	2.7

Series 802

Series 802 Shell Size	Part No. * = Material Code	A ±.015 (0.4)		øB ±.015 (0.4)		C ±.015 (0.4)		øD ±.015 (0.4)		E Rad	
		in	mm	in	mm	in	mm	in	mm	in	mm
5	809-108*51	.500	12.7	.448	11.4	.885	22.5	.125	3.2	.105	2.7
6	809-108*52	.625	15.9	.572	14.5	1.010	25.7	.125	3.2	.105	2.7
7	809-108*53	.688	17.5	.635	16.1	1.072	27.2	.125	3.2	.105	2.7
8	809-108*54	.750	19.1	.698	17.7	1.135	28.8	.125	3.2	.105	2.7
9	809-108*55	.812	20.6	.760	19.3	1.195	30.4	.125	3.2	.105	2.7
10	809-108*56	.875	22.2	.822	20.9	1.260	32.0	.125	3.2	.105	2.7
12	809-108*57	.938	23.8	.885	22.5	1.323	33.6	.125	3.2	.105	2.7
14	809-108*58	1.125	28.6	1.072	27.2	1.510	38.4	.125	3.2	.105	2.7
15	809-108*59	1.188	30.2	1.135	28.8	1.573	40.0	.125	3.2	.105	2.7
21	809-108*60	1.375	34.9	1.448	36.8	1.760	44.7	.125	3.2	.105	2.7

Series 805

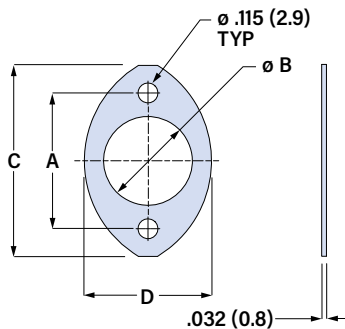
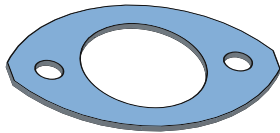
Series 805 Shell Size	Part No. * = Material Code	A ±.015 (0.4)		øB ±.015 (0.4)		C ±.015 (0.4)		øD ±.015 (0.4)		E Rad	
		in	mm	in	mm	in	mm	in	mm	in	mm
8	809-108*20	.660	16.8	.530	13.5	.850	21.6	.093	2.4	.078	2.0
9	809-108*21	.723	18.4	.590	15.0	.913	23.2	.093	2.4	.078	2.0
10	809-108*22	.785	19.9	.660	16.8	.975	24.8	.093	2.4	.078	2.0
11	809-108*23	.848	21.5	.720	18.3	1.039	26.4	.093	2.4	.078	2.0
12	809-108*24	.909	23.1	.780	19.8	1.099	27.9	.093	2.4	.078	2.0
13	809-108*29	.973	24.7	.842	21.4	1.163	29.5	.093	2.4	.078	2.0
15	809-108*25	1.058	26.9	.970	24.6	1.288	32.7	.125	3.2	.105	2.7
18	809-108*26	1.255	31.9	1.160	29.5	1.475	37.5	.125	3.2	.105	2.7
19	809-108*27	1.327	33.7	1.220	31.0	1.537	39.0	.125	3.2	.105	2.7
21	809-108*30	1.452	36.9	1.342	34.1	1.663	42.2	.125	3.2	.105	2.7
23	809-108*28	1.570	39.9	1.458	37.0	1.797	45.6	.125	3.2	.105	2.7

Series 93 Gaskets

For Series 803 Mighty Mouse and Series 806 Mil-Aero Connectors

809-108, 930-017 Flange Gaskets

809-108 FLANGE GASKET FOR SERIES 803 MIGHTY MOUSE BAYONET RECEPTACLES

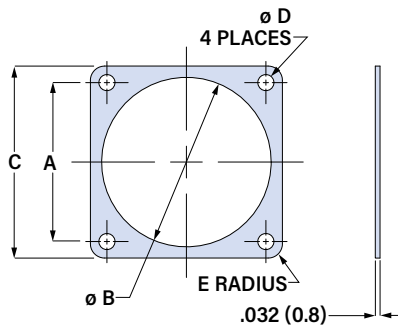
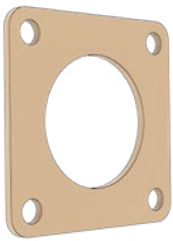


Series 803 Shell Size	Part No. * = Material Code	A ±.015 (0.4) in mm	øB ±.015 (0.4) in mm	C Max in mm	øD ±.015 (0.4) in mm
5	809-108*31	.513 13.0	.345 8.8	.710 18.0	.460 11.7
6	809-108*32	.598 15.2	.405 10.3	.795 20.2	.522 13.3
7	809-108*33	.708 18.0	.475 12.1	.900 22.9	.590 15.0
8	809-108*34	.964 24.5	.545 13.8	1.160 29.5	.670 17.0
9	809-108*35	1.017 25.8	.605 15.4	1.215 30.9	.721 18.3
10	809-108*36	1.101 28.0	.682 17.3	1.295 32.9	.795 20.2
12	809-108*37	1.204 30.6	.757 19.2	1.400 35.6	.874 22.2
14	809-108*38	1.280 32.5	.910 23.1	1.555 39.5	1.050 26.7
15	809-108*39	1.370 34.8	.970 24.6	1.640 41.7	1.150 29.2

TABLE 1 MATERIAL CODE

EMI Gaskets		Non-Conductive Gaskets	
C	Silicone Filled With Silver-Plated Aluminum MIL-G-83528 Type B, CHO-SEAL 1285, 100 dB shielding @ 10GHz, good corrosion resistance, -55 to +200 °C, blue	F	Fluorosilicone
X	Fluorosilicone Filled With Silver-Plated Aluminum MIL-G-83528 Type D, CHO-SEAL 1298, 90 dB shielding @ 10GHz, good corrosion resistance, resists jet fuels and solvents, -55 to +200 °C, tan	E	EPDM
		V	Viton

930-017 FLANGE GASKET FOR SERIES 806 MIL-AERO RECEPTACLES



Series 806 Shell Size	Part No. * = Material Code	A ±.015 (0.4) in mm	øB ±.015 (0.4) in mm	C ±.015 (0.4) in mm	øD ±.015 (0.4) in mm	E Rad in mm
8	930-017*-1	.531 13.5	.515 13.1	.815 20.7	.131 3.3	.130 3.3
9	930-017*-2	.594 15.1	.582 14.8	.878 22.3	.131 3.3	.130 3.3
10	930-017*-3	.625 15.9	.650 16.5	.906 23.0	.131 3.3	.130 3.3
11	930-017*-4	.670 17.0	.717 18.2	.953 24.2	.131 3.3	.130 3.3
12	930-017*-5	.765 19.4	.773 19.6	1.031 26.2	.131 3.3	.130 3.3
14	930-017*-6	.859 21.8	.895 22.7	1.126 28.6	.131 3.3	.090 2.3
16	930-017*-7	.938 23.8	1.020 25.9	1.220 31.0	.131 3.3	.130 3.3
18	930-017*-8	1.016 25.8	1.130 28.7	1.311 33.3	.131 3.3	.090 2.3
20	930-017*-9	1.109 28.2	1.280 32.5	1.437 36.5	.157 4.0	.130 3.3
22	930-017*-10	1.203 30.6	1.405 35.7	1.563 39.7	.157 4.0	.130 3.3
24	930-017*-11	1.312 33.3	1.530 38.9	1.689 42.9	.157 4.0	.180 4.6

TABLE 1 MATERIAL CODE

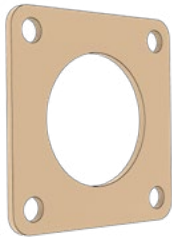
EMI Gaskets		Non-Conductive Gaskets	
C	Silicone Filled With Silver-Plated Aluminum MIL-G-83528 Type B, CHO-SEAL 1285, 100 dB shielding @ 10GHz, good corrosion resistance, -55 to +200 °C, blue	F	Fluorosilicone
X	Fluorosilicone Filled With Silver-Plated Aluminum MIL-G-83528 Type D, CHO-SEAL 1298, 90 dB shielding @ 10GHz, good corrosion resistance, resists jet fuels and solvents, -55 to +200 °C, tan	E	EPDM
		V	Viton

Series 93 Gaskets

For Series 970, MIL-DTL-28840 and MIL-PRF-28876

930-014, 930-006 Flange Gasket

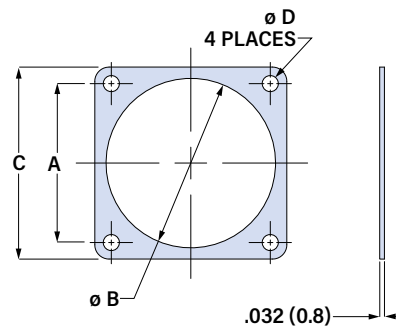
930-014 FLANGE GASKET FOR SERIES 970 POWERTRIP CONNECTORS



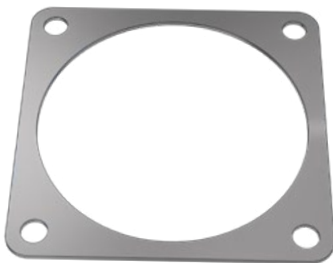
Series 806 Shell Size	Part No. * = Material Code	A ±.015 (0.4)		øB ±.015 (0.4)		C ±.015 (0.4)		øD ±.015 (0.4)	
		in	mm	in	mm	in	mm	in	mm
18	930-014*18	1.015	25.8	1.187	30.1	1.383	35.1	.146	3.7
20	930-014*20	1.140	29.0	1.374	34.9	1.508	38.3	.146	3.7
24	930-014*24	1.281	32.5	1.562	39.7	1.718	43.6	.146	3.7
28	930-014*28	1.568	39.8	1.874	47.6	2.138	54.3	.170	4.3
32	930-014*32	1.734	44.0	2.062	52.4	2.328	59.1	.170	4.3
36	930-014*36	1.984	50.4	2.302	58.5	2.578	65.5	.170	4.3
40	930-014*40	2.234	56.7	2.562	65.1	2.828	71.8	.170	4.3

TABLE 1 MATERIAL CODE

EMI Gasket	
Fluorosilicone Filled With Silver-Plated Aluminum	
X	MIL-G-83528 Type D, CHO-SEAL 1298, 90 dB shielding @ 10GHz, good corrosion resistance, resists jet fuels and solvents, -55 to +200 °C, tan
Non-Conductive Gaskets	
F	Fluorosilicone (blue)
V	Viton (black)



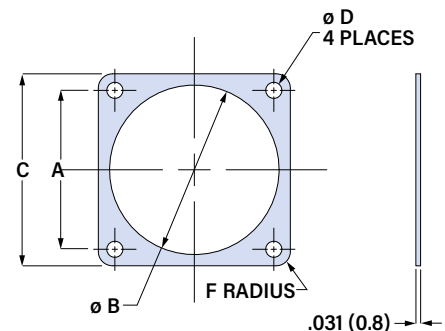
930-006 FLANGE GASKET FOR MIL-DTL-28840 AND MIL-PRF-28876 RECEPTACLES



Shell Size	Part No. * = Material Code	A		øB		C		øD		F Rad	
		±.010 (0.3)	in	mm	+ .016 (0.2) - .000 (0.0)	in	mm	+ .016 (0.2) - .000 (0.0)	in	mm	±.010 (0.3)
A (11)	930-006*11	.750	19.1	.750	19.1	1.023	26.0	.120	3.0	.141	3.6
B (13)	930-006*13	.843	21.4	.875	22.2	1.138	28.9	.120	3.0	.141	3.6
C (15)	930-006*15	.968	24.6	1.062	27.0	1.258	32.0	.120	3.0	.141	3.6
D (17)	930-006*17	1.015	25.8	1.125	28.6	1.383	35.1	.120	3.0	.156	4.0
E (19)	930-006*19	1.140	29.0	1.312	33.3	1.508	38.3	.120	3.0	.172	4.4
F (23)	930-006*23	1.281	32.5	1.500	38.1	1.718	43.6	.120	3.0	.188	4.8
G (25)	930-006*25	1.392	35.4	1.625	41.3	1.818	46.2	.147	3.7	.188	4.8
H (29)	930-006*29	1.568	39.8	1.875	47.6	2.138	54.3	.147	3.7	.219	5.6
J (33)	930-006*33	1.734	44.0	2.062	52.4	2.328	59.1	.173	4.4	.219	5.6

TABLE 1 MATERIAL CODE

EMI Gaskets		Non-Conductive Gaskets	
B	Fluorosilicone with Silver-Plated Aluminum Filler MIL-G-83528 Type D, CHO-SEAL 1298, 90 dB shielding @ 10GHz, good corrosion resistance, resists jet fuels and solvents, -55 to +200 °C, beige	F	Fluorosilicone (blue)
C	Silicone with Embedded Monel Wire Mesh Corrosion-resistant QQ-N-281 nickel-copper alloy wire embedded in silicone, good EMI shielding, -55 to +260 °C, grey	N	Neoprene (black)
M	Silicone with Oriented Monel Wire QQ-N-281 nickel-copper alloy wire embedded into the z-axis, good EMI shielding, -55 to +200 °C, grey	S	Silicone (red)
		V	Viton (black)



QPL AND COMMERCIAL

CONNECTOR BACKSHELLS AND ACCESSORIES

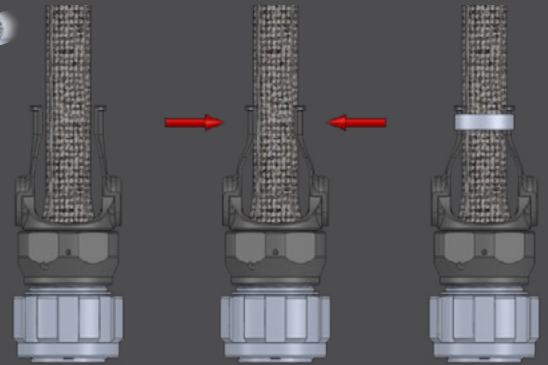
environmental sealing · wire management · strain relief · EMC shield termination

SWING-ARM VERSATILITY: FROM CABLE STRAIN RELIEF TO EMI/RFI SHIELD TERMINATION



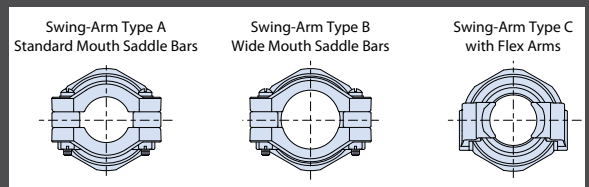
Fast and reliable termination of individual wire and overall EMI cable shielding with industry-standard Band-Master ATS® tools and straps. New slim profile bands eliminate sharp strap cutoff for improved safety.

SWING ARM
ARTICULATING THREE-IN-ONE BACKSHELL
STAINLESS STEEL · ALUMINUM · COMPOSITE

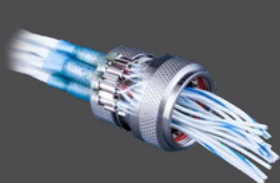


THREE STYLES OF SWING-ARM STRAIN RELIEF CLAMPS

- Style A - standard mouth, rigid saddle bars
- Style B - wide mouth (for larger cable diameters), rigid saddle bars
- Style C Swing-Arm FLEX - no saddle bars, self-centering round cable strain relief



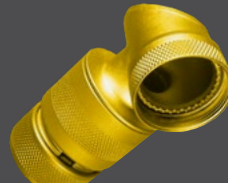
BACKSHELL AND CONNECTOR ACCESSORY INNOVATION SHOWCASE



StarShield™ zero-length shield termination backshell



Leonardo's ProSeal spring-action protective cover



Space-grade Qwik Clamp backshell



Ultra low-profile backshell



BacNav OFS™ repositionable EMI/EMP backshell

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