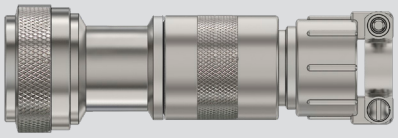
443V*042 Banding Backshell, Shrouded, Expanded Clearance



ADAPTER CODE V

- This accessory fits Glenair Series 806 Mil-Aero VersaLink connectors

Prevents splaying of VersaLink contacts. Environmental. "Band-in-a-Can" shield termination. Saddle clamp. 443V*042 banding backshell fits Glenair Series 806 Mil-Aero VersaLink connectors. Backshell has increased clearance for sealing boots used with VersaLink contacts. 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.

HOW TO ORDER

Sample Part Number	443VS042	ME	12	04	-8	K	P

Basic Part November

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
Z1 = Stainless Steel / Passivated

Shell Size

08 09 10 11 12 14 16 18 20 22 24

Entry Size

Size	Cable Range Min	Cable Range Max	Shell Sizes
01 =	.125 (3.2)	.250 (6.4)	8-24
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.
-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

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Dimensions in Inch (millimeter) are subject to change without notice.

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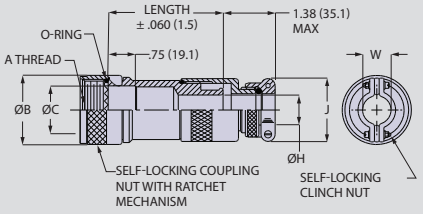
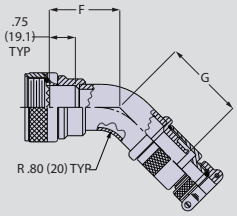
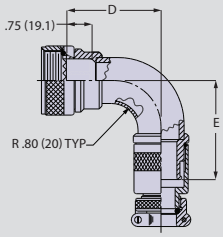


Profile S Straight

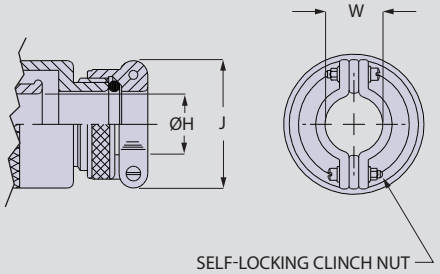


Profile M 45°



Profile N 90

DIMENSIONS								
Shell Size	A Thread ISO Metric	øB Max.	øC ± .005 (0.1)	D Max.	E Max.	F Max.	G Max.	Max. Entry Size
08	M10 x 1.0-6H	.710 (18.03)	.269 (6.83)	1.893 (48.08)	1.903 (48.34)	1.433 (36.40)	1.443 (36.65)	01
09	M12 x 1.0-6H	.780 (19.81)	.346 (8.79)	1.893 (48.08)	1.903 (48.34)	1.433 (36.40)	1.443 (36.65)	01
10	M14 x 1.0-6H	.880 (22.35)	.410 (10.41)	1.955 (49.66)	1.965 (49.91)	1.460 (37.08)	1.470 (37.34)	02
11	M15 x 1.0-6H	.920 (23.37)	.471 (11.96)	1.955 (49.66)	1.965 (49.91)	1.460 (37.08)	1.470 (37.34)	02
12	M17 x 1.0-6H	1.000 (25.40)	.539 (13.69)	2.107 (53.52)	2.117 (53.77)	1.485 (37.72)	1.495 (37.97)	04
14	M19 x 1.0-6H	1.090 (27.69)	.592 (15.04)	2.107 (53.52)	2.117 (53.77)	1.485 (37.72)	1.495 (37.97)	04
16	M22 x 1.0-6H	1.210 (30.73)	.740 (18.80)	2.170 (55.12)	2.180 (55.37)	1.541 (39.14)	1.551 (39.40)	05
18	M25 x 1.0-6H	1.330 (33.78)	.856 (21.74)	2.275 (57.79)	2.285 (58.04)	1.580 (40.13)	1.590 (40.39)	06
20	M28 x 1.0-6H	1.450 (36.83)	.980 (24.89)	2.338 (59.39)	2.348 (59.64)	1.606 (40.79)	1.616 (41.05)	07
22	M31 x 1.0-6H	1.570 (39.88)	1.070 (27.18)	2.399 (60.93)	2.409 (61.19)	1.588 (40.34)	1.598 (40.59)	08
24	M34 x 1.0-6H	1.700 (43.18)	1.214 (30.84)	2.420 (61.47)	2.430 (61.72)	1.610 (40.89)	1.620 (41.15)	09



ENTRY SIZE DIMENSIONS						
Entry Size	Cable Range Min.	Cable Range Max.	J Max.	W Closed	ø H	Shell Sizes
01	.125 (3.18)	.250 (6.35)	1.05 (26.67)	.264 (6.71)	.25 (6.35)	8-24
02	.188 (4.78)	.375 (9.53)	1.20 (30.48)	.344 (8.74)	.37 (9.40)	10-24
03	.312 (7.92)	.438 (11.13)	1.30 (33.02)	.460 (11.68)	.43 (10.92)	11-24
04	.343 (8.71)	.500 (12.70)	1.44 (36.58)	.545 (13.84)	.50 (12.70)	12-24
05	.438 (11.13)	.625 (15.88)	1.69 (42.93)	.698 (17.73)	.62 (15.75)	16-24
06	.562 (14.27)	.750 (19.05)	1.77 (44.96)	.780 (19.81)	.75 (19.05)	18-24
07	.688 (17.48)	.875 (22.23)	2.12 (53.85)	.950 (24.13)	.87 (22.10)	20-24
08	.812 (20.62)	1.000 (25.40)	2.50 (63.50)	1.015 (25.78)	1.00 (25.40)	22-24
09	.938 (23.83)	1.125 (28.58)	2.62 (66.55)	1.187 (30.15)	1.12 (28.45)	24

BAND

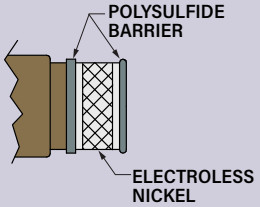
- Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.
- The Band-Master ATS® Advanced Cable Shield Termination System provides excellent static loading and corrosion resistance in electrical wire interconnect systems.

Band
601-041

Banding Tool
601-100

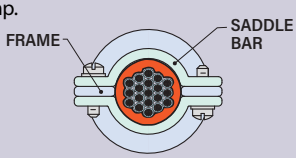
POLYSULFIDE

- 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.

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