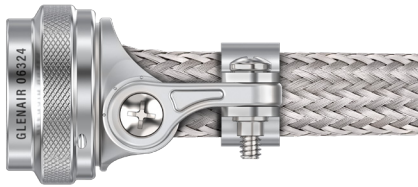


Swing-Arm® Clamps

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.

PART NUMBER

870A003 M 12 B L K 14

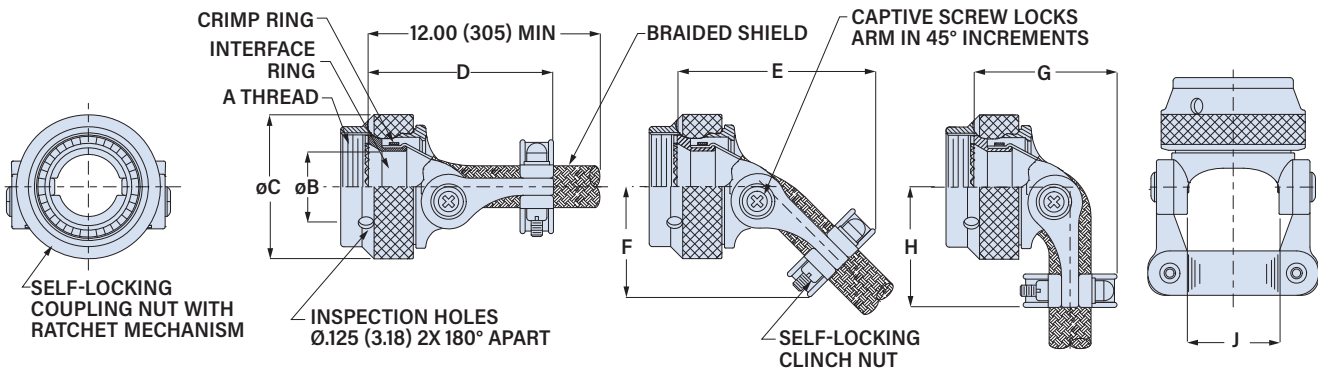
Adapter Code A

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

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.



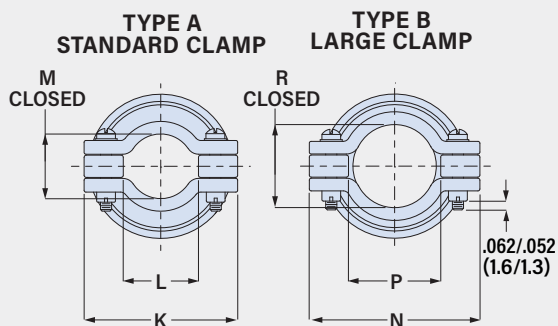
Shell Size	A Thread Class 2B	ø B Min in mm	ø C Max in mm	D Max in mm	E Max in mm	F Max in mm	G Max in mm	H Max in mm	J Ref. in mm
08	0.500-20 UNF	.264 6.7	.812 20.6	1.50 38.1	1.43 36.3	.76 19.3	.95 24.1	.84 21.3	.393 10.0
10	0.625-24 UNEF	.365 9.3	.938 23.8	1.54 39.1	1.49 37.8	.82 20.8	.99 25.1	.90 22.9	.455 11.6
12	0.750-20 UNEF	.498 12.6	1.125 28.6	1.62 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	1.63 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	1.73 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	1.73 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	1.88 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	1.91 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	1.94 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

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:

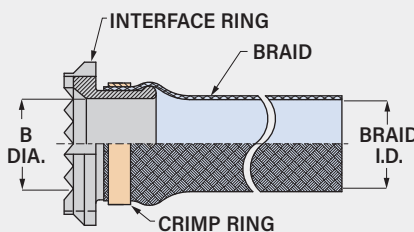
Code N: 34 AWG nickel-coated copper

Code T: 34 AWG tin-coated copper,

Code A: *AmberStrand*® ultralightweight nickel-coated polymer

Code L: *ArmorLite*® lightweight microfilament nickel-coated 316L stainless steel

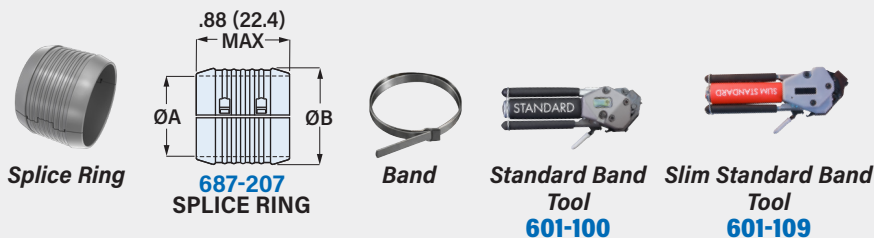
INTERFACE RING AND BRAID



Shell Size	in	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

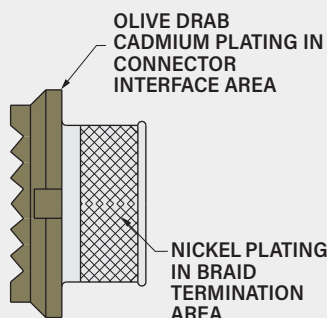
SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)

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, 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	Band Part Number		Split Ring Part Number	Tool		±.03 (0.8) in	±.03 (0.8) mm
	Standard	Slim Standard		601-100	601-109		
08	601-006	601-571	687-207XB04			.25	6.4
10	601-006	601-571	687-207XB06			.38	9.7
12	601-006	601-571	687-207XB08			.50	12.7
14	601-006	601-571	687-207XB10			.63	16.0
16	601-006	601-571	687-207XB12			.75	19.1
18	601-041	601-573	687-207XB14			.88	22.4
20	601-041	601-573	687-207XB16			1.00	25.4
22	601-041	601-573	687-207XB18			1.13	28.7
24	601-041	601-573	687-207XB20			1.25	31.8

FIGURE 1
NF SELECTIVE FINISH



INTERFACE RING