

Swing-Arm® Clamps

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

871A003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

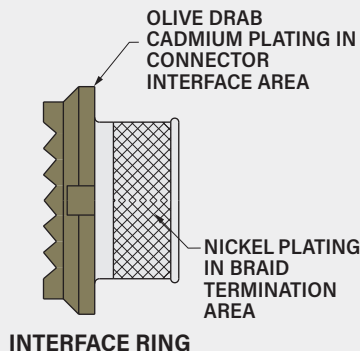
Self-Locking



Adapter Code **A**

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

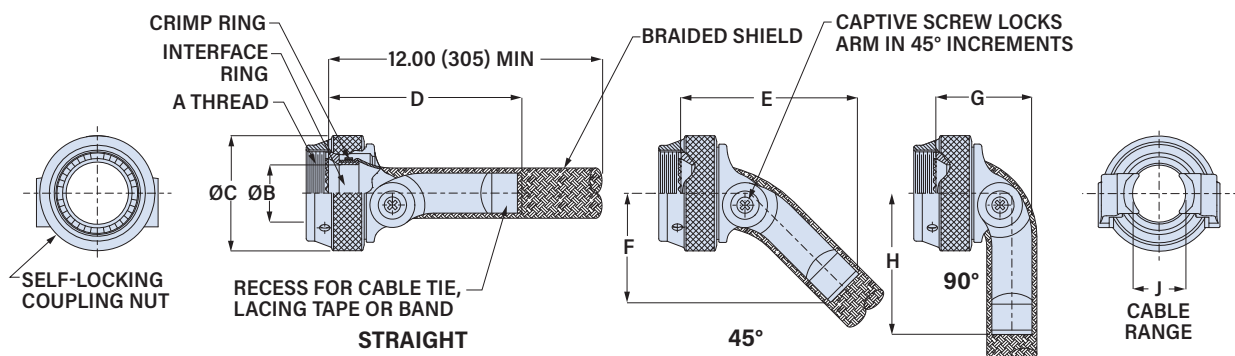
FIGURE 1
NF SELECTIVE FINISH



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.

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.					



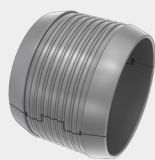
Shell Size	A Thread Class 2B	ø B Min		ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref. Max		Min	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.264	6.7	.812	20.6	1.77	45.0	1.54	39.1	.84	21.3	.83	21.1	1.09	27.7	.393	10.0	.098	2.5
10	0.625-24 UNF	.365	9.3	.938	23.8	1.77	45.0	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

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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	
	Standard	Slim Standard
All	601-041	601-573

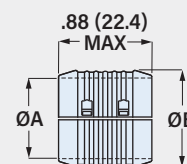


Banding Tool for Standard Band
601-100



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:

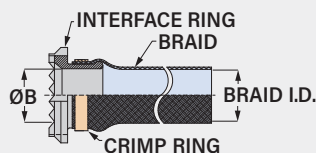
Code N: 34 AWG nickel-coated copper

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