

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

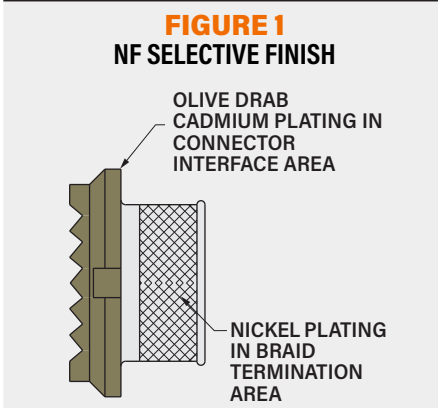
871V003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

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.

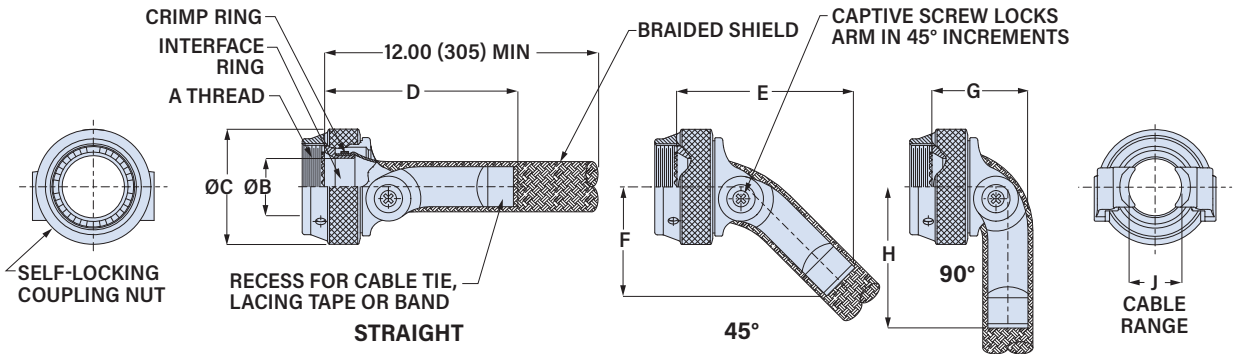


Adapter Code V
This accessory fits Glenair Series 806 Mil-Aero connectors



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	<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 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

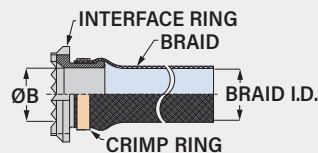
for Series 806 Mil-Aero Connectors

871V003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

MATERIAL/FINISH

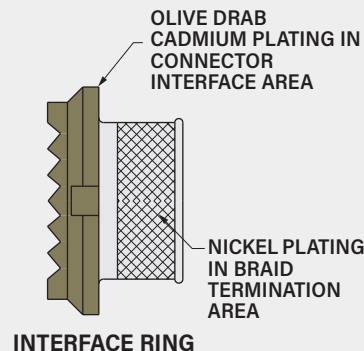
- Coupling nut, body: aluminum
- Flex arms: PEEK (PEI)/unplated, black
- Screws, washers, inserts: stainless steel/passivated
- Anti-decoupling spring: thermoplastic
- Interface ring: aluminum
- Crimp ring: copper alloy/tin
- Splice ring (optional): thermoplastic
- Band (optional): stainless steel/passivated
- 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

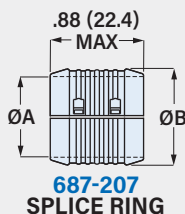


Band

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