

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

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**

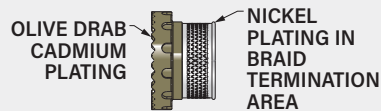
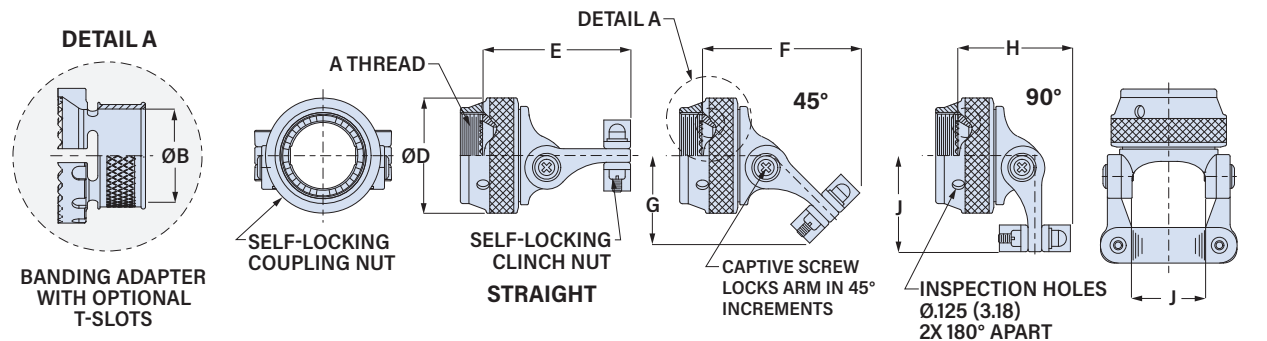


FIGURE 2

BANDING ADAPTER SLOTS



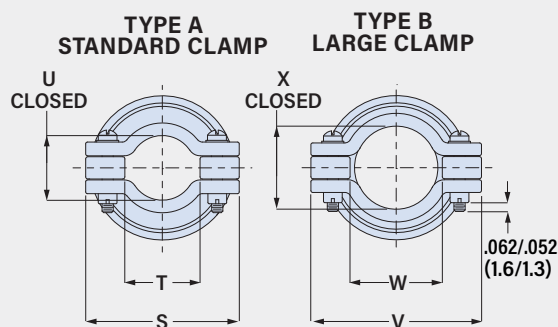
Shell Size	A Thread ISO Metric	ø B Min in mm	ø C Max in mm	D Max in mm	E Max in mm	F Max in mm	G Max in mm	H Max in mm	J Ref. in mm
08	M10 x 1.0-6H	.178 4.5	.812 20.6	1.55 39.4	1.45 36.8	.77 19.6	.98 24.9	.87 22.1	.393 10.0
09	M12 x 1.0-6H	.178 4.5	.812 20.6	1.55 39.4	1.45 36.8	.77 19.6	.98 24.9	.87 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

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CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Shell Size	S Max in	T Min mm	U Ref. in	mm			Shell Size	V Max in	W Min mm	X Ref. in	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.



Band

Micro Band
Tool
601-101Slim Micro
Band Tool
601-122

Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	mm	Max Diameter 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