

Swing-Arm® Clamps

for Series 806 Mil-Aero Connectors

870V001 Swing-Arm Saddle Clamp

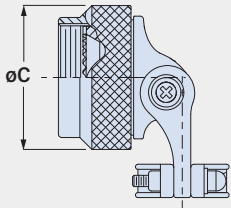
Self-Locking



Adapter Code **V**

This accessory fits Glenair Series 806 Mil-Aero connectors

ALUMINUM AND SST VERSIONS

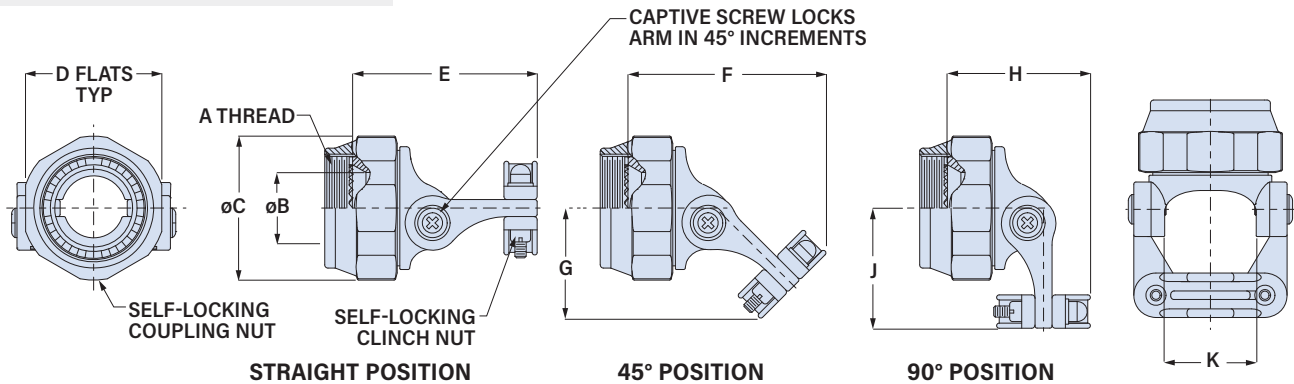


Aluminum and stainless steel versions have round knurled coupling nuts.

Self-locking, adjustable arms. 870V001 Swing-Arm saddle clamp fits Glenair Series 806 Mil-Aero connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threaded inserts to withstand high vibration. 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. Available in composite, aluminum or stainless steel.

PART NUMBER

		870V001	XB	22	B
Base P/N	870V001				
Material/Finish	Composite				
	XB No Finish (Black)				
	Aluminum				
	ME Electroless Nickel				
	NF Olive Drab Cadmium				
	MT Nickel-PTFR				
	TZ Tin-Zinc				
Shell Size	ZR Black Zinc-Nickel				
	Stainless Steel				
Clamp Size	ZI Passivated				



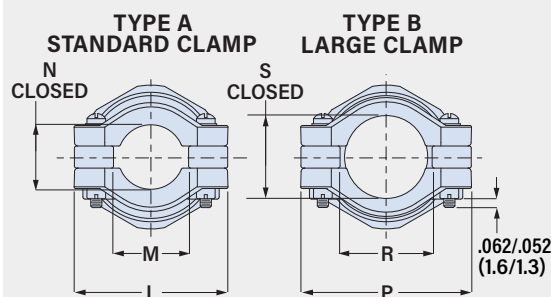
Shell Size	A Thread ISO Metric	øB Min in	mm	C Max in	mm	D Flats in	mm	E Max in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Ref. in	mm
09	M12 x 1.0-6H	.264	6.7	.812	20.6	.750	19.1	1.43	36.3	1.35	34.3	.78	19.8	.91	23.1	.87	22.1	.393	10.0
11	M15 x 1.0-6H	.390	9.9	.938	23.8	.875	22.2	1.50	38.1	1.45	36.8	.87	22.1	.94	23.9	.96	24.4	.455	11.6
16	M22 x 1.0-6H	.630	16.0	1.250	31.8	1.125	28.6	1.57	39.9	1.68	42.7	1.02	25.9	1.21	30.7	1.10	27.9	.710	18.0
18	M25 x 1.0-6H	.756	19.2	1.375	34.9	1.250	31.8	1.66	42.2	1.78	45.2	1.09	27.7	1.29	32.8	1.16	29.5	.839	21.3
20	M28 x 1.0-6H	.843	21.4	1.500	38.1	1.375	34.9	1.66	42.2	1.86	47.2	1.14	29.0	1.39	35.3	1.22	31.0	.934	23.7
22	M31 x 1.0-6H	.969	24.6	1.625	41.3	1.500	38.1	1.81	46.0	2.02	51.3	1.24	31.5	1.50	38.1	1.29	32.8	1.068	27.1
24	M34 x 1.0-6H	1.091	27.7	1.750	44.5	1.625	41.3	1.84	46.7	2.09	53.1	1.30	33.0	1.57	39.9	1.36	34.5	1.197	30.4

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CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Shell Size	L Max		M Min		N Ref.		Shell Size	P Max		R Min		S Ref.	
	in	mm	in	mm	in	mm		in	mm	in	mm	in	mm
09	.98	24.9	.22	5.6	.265	6.7	09	.98	24.9	.33	8.4	.356	9.0
11	1.05	26.7	.27	6.9	.310	7.9	11	1.20	30.5	.45	11.4	.422	10.7
16	1.30	33.0	.47	11.9	.538	13.7	16	1.54	39.1	.68	17.3	.707	18.0
18	1.44	36.6	.55	14.0	.590	15.0	18	1.60	40.6	.80	20.3	.759	19.3
20	1.56	39.6	.62	15.7	.660	16.8	20	1.73	43.9	.90	22.9	.841	21.4
22	1.69	42.9	.70	17.8	.744	18.9	22	1.95	49.5	1.05	26.7	.996	25.3
24	1.77	45.0	.78	19.8	.826	21.0	24	2.08	52.8	1.18	30.0	1.060	26.9

MATERIAL/FINISH

Composite (Code XB)

Coupling nut, body, arms, saddles: polyetherimide (PEI), unplated

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: thermoplastic

Clinch Nuts: stainless steel, silver plated

Aluminum (Codes M, MT, NF, 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: stainless steel/ olive drab cadmium

Stainless Steel (Code ZI)

Coupling nut, body, arms, saddles: SST

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: stainless steel

Clinch Nuts: stainless steel, silver plated