

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M001 Swing-Arm Saddle Clamp

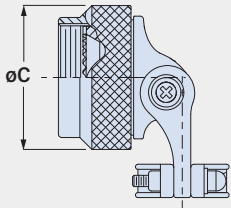
Self-Locking



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

ALUMINUM AND SST VERSIONS

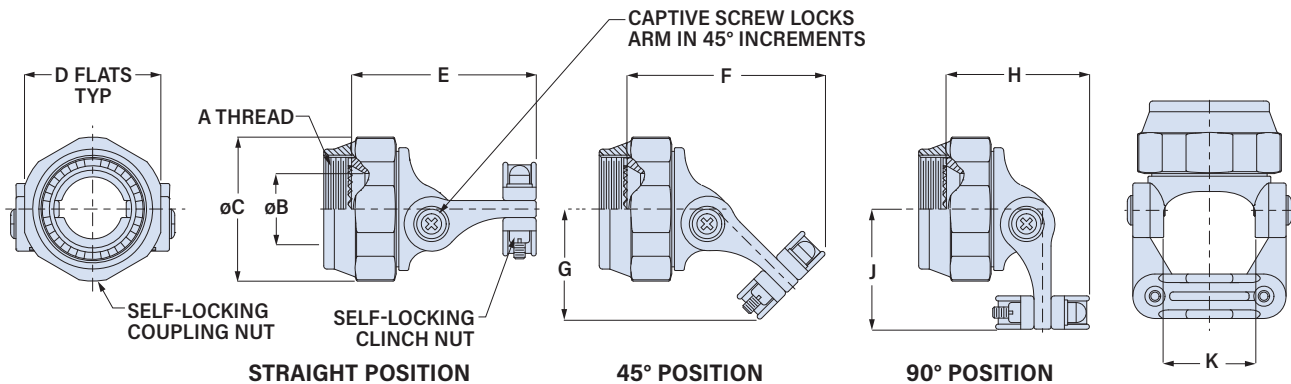


Aluminum and stainless steel versions have round knurled coupling nuts.

Self-locking, adjustable arms. 870M001 Swing-Arm saddle clamp fits Glenair Series 80 Mighty Mouse 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

		870M001	XB	22	B
Base P/N	870M001				
	Material/Finish				
		Composite			
		XB No Finish (Black)			
		Aluminum			
		M Electroless Nickel			
		NF Olive Drab Cadmium			
		MT Nickel-PTFR			
		TZ Tin-Zinc			
		ZR Black Zinc-Nickel			
		Stainless Steel			
		ZI Passivated			
Size Code		07 08 09 10 11 12 13 14 16 17			
		See table below for size code			
Clamp Size		A Standard Clamp			
		B Large Clamp			



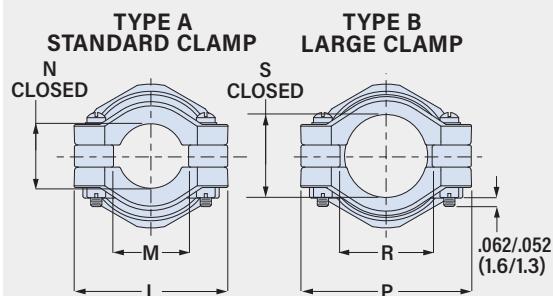
Size Code	Shell Size		A Thread UNEF-2B	C Flats			Strain Relief Option												
	Series 800,801 803,804	Series 805		Øb Min	Max	Min	Ød Max	E Max	F Max	G Max	H Max	J Max	K Ref	L Max	M Min	N Ref	P Max	R Min	S Ref
11	-	8	3/8-32	0.264	0.750	0.736	0.812	1.43	1.35	0.78	0.91	0.87	0.393	0.98	0.22	0.265	0.98	0.33	0.356
07	7	9	7/16-28	0.264	0.750	0.736	0.812	1.43	1.35	0.78	0.91	0.87	0.393	0.98	0.22	0.265	0.98	0.33	0.356
08	8	10	1/2-28	0.264	0.750	0.736	0.812	1.43	1.35	0.78	0.91	0.87	0.393	0.98	0.22	0.265	0.98	0.33	0.356
09	9	11	9/16-24	0.390	0.875	0.860	0.938	1.50	1.45	0.87	0.94	0.96	0.455	1.05	0.27	0.310	1.20	0.45	0.422
10	10	12	5/8-24	0.390	0.875	0.860	0.938	1.50	1.45	0.87	0.94	0.96	0.455	1.05	0.27	0.310	1.20	0.45	0.422
12	11/12/13	13	11/16-24	0.504	1.000	0.980	1.125	1.56	1.60	0.97	1.12	1.03	0.598	1.20	0.35	0.422	1.45	0.62	0.637
13	-	15	3/4-20	0.504	1.000	0.980	1.125	1.56	1.60	0.97	1.12	1.03	0.598	1.20	0.35	0.422	1.45	0.62	0.637
14	14/15/16/17	18/19	15/16-20	0.756	1.250	1.224	1.375	1.66	1.78	1.09	1.29	1.16	0.839	1.44	0.55	0.590	1.60	0.80	0.759
16	19	21	11/16-18	0.843	1.375	1.348	1.500	1.66	1.86	1.14	1.39	1.22	0.934	1.56	0.62	0.660	1.73	0.90	0.841
17	21	23	13/16-18	0.969	1.500	1.469	1.625	1.81	2.02	1.24	1.50	1.29	1.068	1.69	0.70	0.744	1.95	1.05	0.996

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CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Size Code	L Max in	L Max mm	M Min in	M Min mm	N Ref. in	N Ref. mm	Size Code	P Max in	P Max mm	R Min in	R Min mm	S Ref. in	S Ref. mm
11	.98	24.9	.22	5.6	.265	6.7	11	.98	24.9	.33	8.4	.356	9.0
07	.98	24.9	.22	5.6	.265	6.7	07	.98	24.9	.33	8.4	.356	9.0
08	.98	24.9	.22	5.6	.265	6.7	08	.98	24.9	.33	8.4	.356	9.0
09	1.05	26.7	.27	6.9	.310	7.9	09	1.20	30.5	.45	11.4	.422	10.7
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
13	1.20	30.5	.35	8.9	.422	10.7	13	1.45	36.8	.62	15.7	.637	16.2
14	1.44	36.6	.55	14.0	.590	15.0	14	1.60	40.6	.80	20.3	.759	19.3
16	1.56	39.6	.62	15.7	.660	16.8	16	1.73	43.9	.90	22.9	.841	21.4
17	1.69	42.9	.70	17.8	.744	18.9	17	1.95	49.5	1.05	26.7	.996	25.3

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