

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

870M004 Swing-Arm Saddle Clamp, EMI Banding Adapter, Composite

Self-Locking



Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

FIGURE 1

FINISH CODES **NFS**, **BNS**

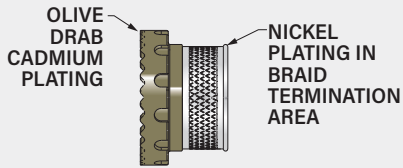
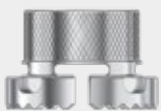


FIGURE 2

BANDING ADAPTER SLOTS



Route pigtail shield braids into optional "T" slots in banding adapter.

Shielded, self-locking, adjustable arms. 870M004 Swing-Arm saddle clamp fits Glenair Series 80 Mighty Mouse connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with 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.

PART NUMBER

870M004 M 12 A S K

Base P/N **870M004**

Banding Adapter Material/Finish

M Alum/Electroless Nickel
NF Alum/Olive Drab Cadmium
NFS Alum/O.D. Cadmium, selective (fig. 1)
MT Alum/Nickel-PTFE
TZ Alum/Tin-Zinc
BM Brass/Electroless Nickel
BN Brass/Olive Drab Cadmium
BNS Brass/O.D. Cadmium, selective (fig. 1)
BMT Brass/Nickel-PTFE

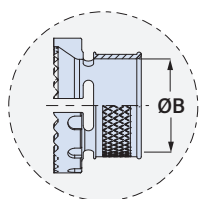
Shell Size **07 08 09 10 12 13 14 16 17**
 See table below for size code

Clamp Size **A** Standard Clamp
B Large Clamp

Banding Adapter Slots **S** "T" Slots in Banding Adapter for Shield Pigtails

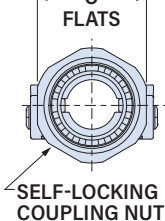
Band **K** Pre-Coiled Micro Band included With Clamp
J Pre-Coiled Slim Micro Band included With Clamp

DETAIL A



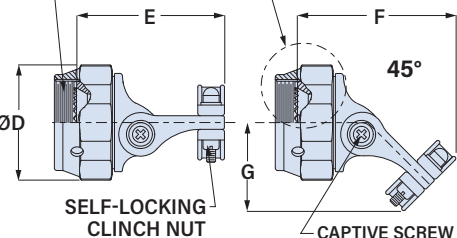
BANDING ADAPTER WITH OPTIONAL T-SLOTS

A THREAD



SELF-LOCKING COUPLING NUT

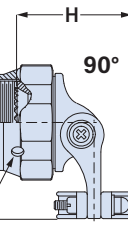
DETAIL A



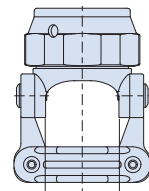
SELF-LOCKING CLINCH NUT

STRAIGHT

CAPTIVE SCREW LOCKS ARM IN 45° INCREMENTS



INSPECTION HOLES Ø.125 (3.18) 2X 180° APART



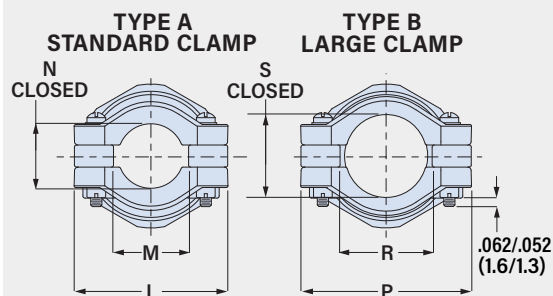
Size Code	Shell Size Series		A Thread UNEF-2B	B Min		C Flats Max		øD Max		E Max		F Max		G Max		H Max		J Max		K Ref.	
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
07	7	9	0.4375-28	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
08	8	10	0.500-28	.178	4.5	.750	19.1	.812	20.6	1.53	38.9	1.46	37.1	.79	20.1	1.01	25.7	.86	21.8	.393	10.0
09	9	11	0.5625-24	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
10	10	12	0.625-24	.305	7.7	.875	22.2	.938	23.8	1.58	40.1	1.52	38.6	.83	21.1	1.04	26.4	.93	23.6	.455	11.6
12	11, 12, 13	13	0.6875-24	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
13	N/A	15	0.750-20	.404	10.3	1.000	25.4	1.125	28.6	1.66	42.2	1.67	42.4	.93	23.6	1.17	29.7	1.03	26.2	.598	15.2
14	14, 15, 16, 17	18, 19	0.9375-20	.631	16.0	1.250	31.8	1.375	34.9	1.77	45.0	1.89	48.0	1.09	27.7	1.40	35.6	1.16	29.5	.839	21.3
16	19	21	1.0625-18	.748	19.0	1.375	34.9	1.500	38.1	1.77	45.0	1.96	49.8	1.14	29.0	1.50	38.1	1.22	31.0	.934	23.7
17	21	23	1.1875-18	.877	22.3	1.500	38.1	1.625	41.3	1.92	48.8	2.11	53.6	1.22	31.0	1.57	39.9	1.29	32.8	1.068	27.1

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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
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

Coupling nut, body, arms, saddles:
polyetherimide (PEI)/ unplated black
Screws, washers, inserts: stainless steel/
passivated
Anti-decoupling springs: thermoplastic
Banding adapter: aluminum alloy or brass
Band (optional): stainless steel/ passivated
Clinch Nuts: stainless steel/ silver plated

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.



Size Code	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length in	Length mm	Max Diameter in	Max Diameter mm
07 - 12	601-061	601-601	8.125	206	.88	22.4
13 - 17	601-065	601-603	14.25	362	1.88	47.8