

Swing-Arm® Clamps

for Series 80 Mighty Mouse Connectors

871M003 Swing-Arm Flex Clamp with Braid Sock, Aluminum

Self-Locking



Shielded. Lightweight. Self-locking. Adjustable arms. 871M003 Swing-Arm Flex Clamp has aluminum coupling nut and body with thermoplastic flex arms. Fits Glenair Series 80 Mighty Mouse 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.

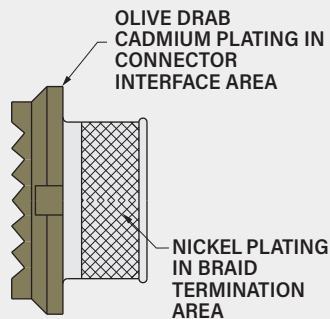
PART NUMBER

871M003 M 12 N J 14

Adapter Code **M**

This accessory fits Series 80 Mighty Mouse Connectors

FIGURE 1
NF SELECTIVE FINISH



INTERFACE RING

Base P/N **871M003**

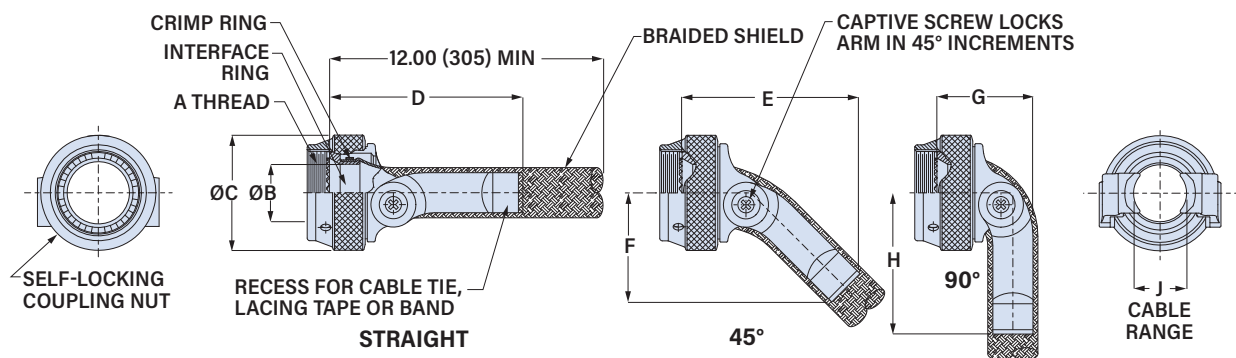
Material/Finish
M Electroless Nickel
NF O. D. Cadmium, Selective (Figure 1)
MT Nickel-PTFE
TZ Tin-Zinc
ZR Black Zinc-Nickel

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

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 *Omit if not required*
K Splice ring and standard band
J Splice ring and slim standard band

Braid Length *Omit for standard 12 inch length*
14 Length in 1 inch increments, 6 inch min "14" = 14 inches.



Shell Size																	J Ref.					
Series	800, 801, 803, 804		Series 805	A Thread UNF-2B	ø B Min mm		ø C Max mm		D Max mm		E Max mm		F Max mm		G Max mm		H Max mm		Max mm		Min mm	
Size Code					in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
07	7	9	0.4375-28	.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	
08	8	10	0.500-28	.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	9	11	0.5625-24	.392	10.0	.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	
10	10	12	0.625-24	.392	10.0	.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	11, 12, 13	13	0.6875-24	.506	12.9	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	
13	N/A	15	0.750-20	.506	12.9	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	14, 15, 16, 17	18, 19	0.9375-20	.756	19.2	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	
16	19	21	1.0625-18	.844	21.4	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	
17	21	23	1.1875-18	.970	24.6	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	

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SPLICE RING AND PRE-COILED BAND (K AND J OPTIONS)



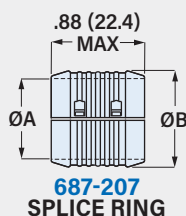
Splice Ring

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.

Size Code	Band Part Number		Splice Ring Part Number	øA		øB	
	Standard	Slim Standard		± .03 (0.8) in	mm	± .03 (0.8) in	mm
07, 08	601-006	601-571	687-207XB04	.25	6.4	.40	10.2
09, 10	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
13	601-006	601-571	687-207XB10	.63	16.0	.78	19.8
14	601-006	601-571	687-207XB12	.75	19.1	.90	22.9
16	601-006	601-571	687-207XB14	.88	22.4	1.03	26.2
17	601-041	601-573	687-207XB16	1.00	25.4	1.15	29.2



687-207
SPLICE RING



Banding Tool for
Standard Band
601-100

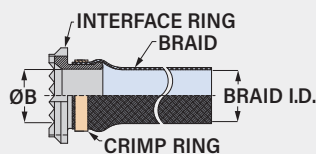


Banding Tool for Slim
Standard Band
601-109

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



Size Code	ø B Min		Braid I.D.	
	in	mm	in	mm
07	.26	6.7	.375	9.53
08	.26	6.7	.375	9.53
09	.39	9.9	.375	9.53
10	.39	9.9	.375	9.53
12	.51	12.8	.500	12.70
13	.51	12.8	.500	12.70
14	.76	19.2	.781	19.84
16	.84	21.4	1.000	25.40
17	.94	23.9	1.000	25.40