

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

Self-Locking



Adapter Code **F**

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

FIGURE 1
FINISH CODES **NFS**, **BNS**

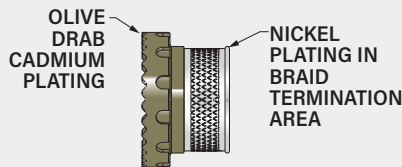
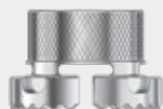


FIGURE 2
BANDING ADAPTER SLOTS



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

Shielded, self-locking, adjustable arms. 870F004 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

PART NUMBER

871F004 M 22 S K

Base P/N **871F004**

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

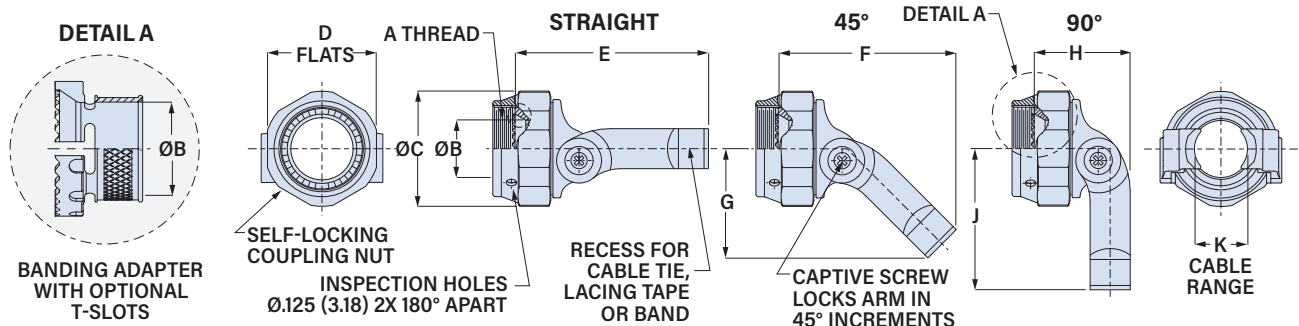
	Shell Size									
38999 Series I	9	11	13	15	17	19	21	23	25	
38999 Series II	8	10	12	14	16	18	20	22	24	
Size Code	08	10	12	14	16	18	20	22	24	

Banding Adapter Slots

Omit if not required. See Figure 2
S "T" Slots in Banding Adapter for Shield Pigtails

Band

Omit if not required.
K Pre-Coiled Micro Band included With Clamp
J Pre-Coiled Slim Micro Band included With Clamp



Shell Size	A Thread UNF-2B	ø B Min in	ø B Max mm	ø C Min in	ø C Max mm	D Flats in	D Flats mm	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm	J Max in	J Max mm	K Ref.	
																		Max in	Min in
8/9	0.4375-28	.178	4.5	.812	20.6	.750	19.1	1.79	45.5	1.57	39.9	.87	22.1	.96	24.4	1.12	28.4	.393	10.0
10/11	0.5625-24	.305	7.7	.938	23.8	.875	22.2	1.80	45.7	1.57	39.9	.89	22.6	.96	24.4	1.15	29.2	.455	11.6
12/13	0.6875-24	.404	10.3	1.125	28.6	1.000	25.4	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2
14/15	0.8125-20	.526	13.4	1.250	31.8	1.125	28.6	2.08	52.8	1.88	47.8	1.16	29.5	1.32	33.5	1.50	38.1	.710	18.0
16/17	0.9375-20	.631	16.0	1.375	34.9	1.250	31.8	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3
18/19	1.0625-18	.748	19.0	1.500	38.1	1.375	34.9	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.81	46.0	.934	23.7
20/21	1.1875-18	.877	22.3	1.625	41.3	1.500	38.1	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1
22/23	1.3125-18	.999	25.4	1.750	44.5	1.625	41.3	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4
24/25	1.4375-18	1.127	28.6	1.875	47.6	1.750	44.5	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6

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MATERIAL /FINISH

Coupling nut, body, arms: thermoplastic, black

Screws, washers, inserts: stainless steel/ passivated

Anti-decoupling springs: thermoplastic

Banding adapter: aluminum alloy or brass

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
601-101



Slim Micro Band Tool
601-122

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