

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F005 Swing-Arm Flex Clamp, EMI Banding Adapter, Aluminum

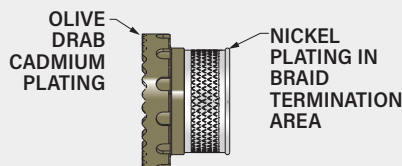
Self-Locking



Adapter Code **F**

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

FIGURE 1
FINISH CODE **NFS**

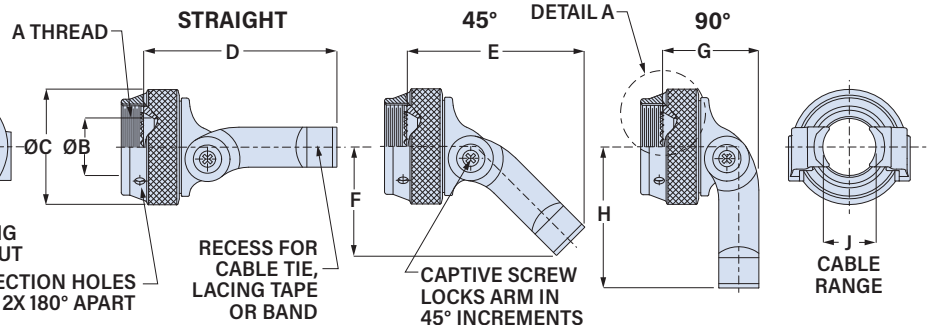
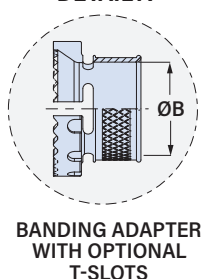


Shielded, self-locking, adjustable arms. 871F005 Swing-Arm Flex Clamp has aluminum coupling nut and body. Flex arms are high strength thermoplastic. Fits MIL-DTL-38999 Series I and II connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Includes EMI banding adapter with optional "T" slots for 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

PART NUMBER										871F005		M	22	S	K				
Base P/N										871F005									
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								
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 Detail A.									
										S	"T" Slots in Banding Adapter for Shield Pigtailed								
Band										Omit if not required.									
										K	Pre-Coiled Micro Band included With Clamp								
										J	Pre-Coiled Slim Micro Band included With Clamp								

DETAIL A



Shell Size	A Thread UNEF-2B	Ø B Min		Ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref. Max		Min	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
8/9	0.4375-28	.178	4.5	.812	20.6	1.79	45.5	1.56	39.6	.87	22.1	.93	23.6	1.12	28.4	.393	10.0	.098	2.5
10/11	0.5625-24	.305	7.7	.938	23.8	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6	.121	3.1
12/13	0.6875-24	.404	10.3	1.125	28.6	2.08	52.8	1.88	47.8	1.10	27.9	1.05	26.7	1.44	36.6	.598	15.2	.157	4.0
14/15	0.8125-20	.526	13.4	1.250	31.8	2.08	52.8	1.88	47.8	1.16	29.5	1.05	26.7	1.50	38.1	.710	18.0	.210	5.3
16/17	0.9375-20	.631	16.0	1.375	34.9	2.29	58.2	2.13	54.1	1.28	32.5	1.21	30.7	1.68	42.7	.839	21.3	.246	6.2
18/19	1.0625-18	.748	19.0	1.500	38.1	2.28	57.9	2.13	54.1	1.35	34.3	1.21	30.7	1.74	44.2	.934	23.7	.277	7.0
20/21	1.1875-18	.877	22.3	1.625	41.3	2.75	69.9	2.54	64.5	1.63	41.4	1.37	34.8	2.12	53.8	1.068	27.1	.313	8.0
22/23	1.3125-18	.999	25.4	1.750	44.5	2.75	69.9	2.54	64.5	1.67	42.4	1.37	34.8	2.16	54.9	1.197	30.4	.349	8.9
24/25	1.4375-18	1.127	28.6	1.875	47.6	2.96	75.2	2.75	69.9	1.84	46.7	1.46	37.1	2.41	61.2	1.323	33.6	.380	9.7

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.



Pre-Coiled
MicroBand
601-065



Pre-Coiled Slim
MicroBand
601-603

MATERIAL/FINISH

Coupling nut, body, banding adapter: aluminum
Flex arms: high-strength thermoplastic
Screws, washers, inserts: sst/passivated
Anti-decoupling springs: thermoplastic
Band (optional): stainless steel/ passivated