

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H005 Swing-Arm Flex Clamp, EMI Banding Adapter, Aluminum

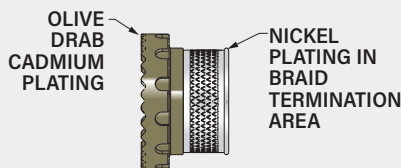
Self-Locking



Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

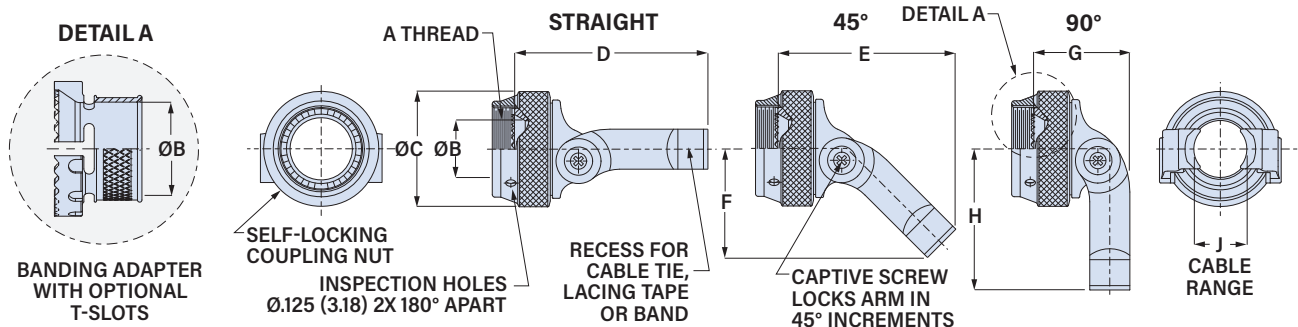
FIGURE 1
FINISH CODE **NFS**



Shielded, self-locking, adjustable arms. 871H005 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series III and IV connectors. Aluminum coupling nut and body, flex arms are high strength thermoplastic. 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											871H005	M	19	S	K					
Base P/N											871H005									
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	9	11	13	15	17	19	21	23	25
												A	B	C	D	E	F	G	H	J
											Size Code	09	11	13	15	17	19	21	23	25
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								



Shell Size	A Thread	ø B Min		ø C Max		D Max		E Max		F Max		G Max		H Max		J Ref.	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	Min
9 (A)	M12X1.0-6H	.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
11 (B)	M15X1.0-6H	.305	7.8	.938	23.8	1.80	45.7	1.57	39.9	.89	22.6	.93	23.6	1.15	29.2	.455	11.6
13 (C)	M18X1.0-6H	.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
15 (D)	M22X1.0-6H	.565	14.4	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
17 (E)	M25X1.0-6H	.658	16.7	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
19 (F)	M28X1.0-6H	.777	19.7	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
21 (G)	M31X1.0-6H	.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
23 (H)	M34X1.0-6H	.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
25 (J)	M37X1.0-6H	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

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