

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

Self-Locking



Shielded, self-locking, adjustable arms. 871H004 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series III and IV 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

871H004	M	23	S	K
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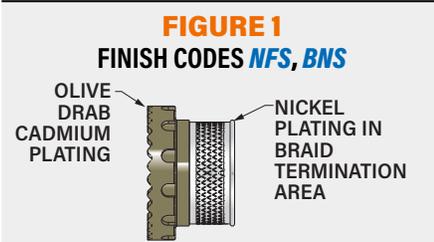
Adapter Code H

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

Base P/N 871H004

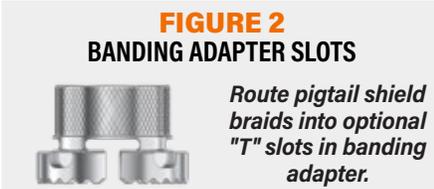
Banding Adapter Material/Finish

- 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	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



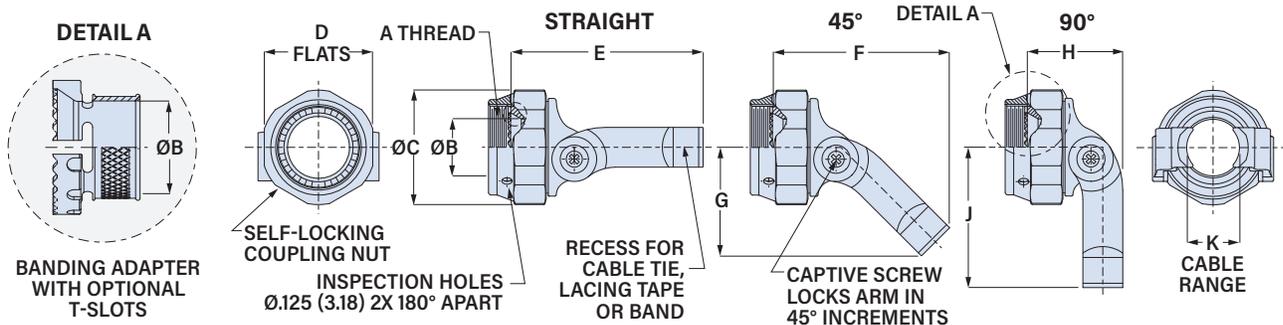
Banding Adapter Slots

S "T" Slots in Banding Adapter for Shield Pigtailed

Band

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 Flats		E Max		F Max		G Max		H Max		J Max		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
9 (A)	M12X1.0-6H	.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	.098	2.5
11 (B)	M15X1.0-6H	.305	7.8	.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	.121	3.1
13 (C)	M18X1.0-6H	.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	.157	4.0
15 (D)	M22X1.0-6H	.565	14.4	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	.210	5.3
17 (E)	M25X1.0-6H	.658	16.7	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	.246	6.2
19 (F)	M28X1.0-6H	.777	19.7	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	.277	7.0
21 (G)	M31X1.0-6H	.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	.313	8.0
23 (H)	M34X1.0-6H	.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	.349	8.9
25 (J)	M37X1.0-6H	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	.380	9.7

Swing-Arm® Clamps

for MIL-DTL-38999 Series III and IV Connectors

871H004 Swing-Arm Flex Clamp, EMI Banding Adapter, Composite

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		Max Diameter	
			in	mm	in	mm
9 - 13	601-061	601-601	8.125	206	.88	22.4
15 - 25	601-065	601-603	14.25	362	1.88	47.8