

MIL-DTL-38999 Series I Type 871F004 Swing-Arm® clamp, EMI banding adapter, composite



Self-Locking

FEATURES

- Composite Swing-Arm saddle clamp with self-locking coupling nut for use with MIL-DTL-38999 Series I and II connectors and EMI/RFI shielded cable.
- "Do-Drop-In" banding adapter with optional T-Slot for band termination of individual and overall cable braid.
- Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap.
- Adjustable arms with captive screwlocks pivot to 0°, 45° or 90° positions.
- Full radius saddles have self-locking clinch nuts and are available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles.

HOW TO ORDER					
Sample Part Number	871F004	M	22	S	K
Basic Part Number	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	09, 11, 13, 15, 17, 19, 21, 23, 25				
Banding Adapter Slots	Omit if not required. See Figure 2 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				

FIGURE 1

Material/ finish code **NFS, BNS**

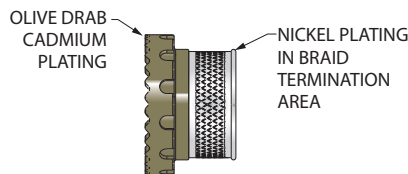
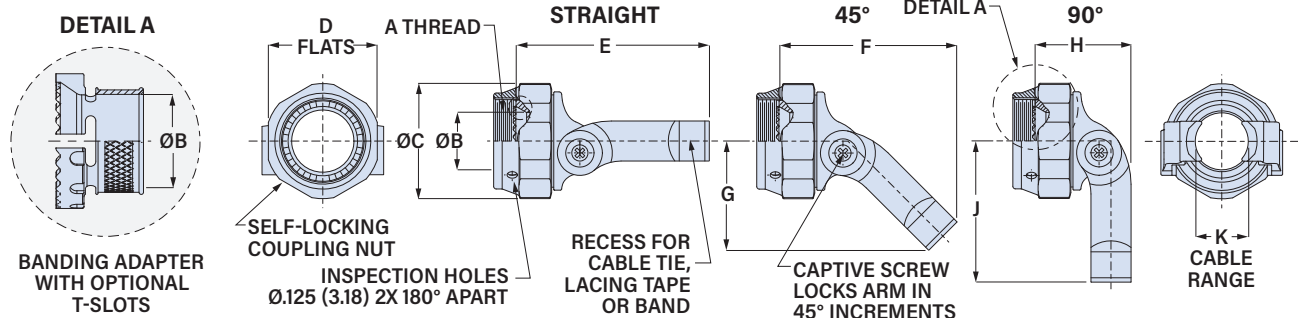


FIGURE 2

Banding adapter slots



Shell Size	A Thread UNEF-2B	Ø B Min	Ø C Max	D Flats	E Max	F Max	G Max	H Max	J Max	K Ref.	
										Max	Min
8/9	0.4375-28	.178 (4.52)	.812 (20.62)	.750 (19.05)	1.79 (45.47)	1.57 (39.88)	.87 (22.10)	.96 (24.38)	1.12 (28.45)	.393 (9.98)	.098 (2.49)
10/11	0.5625-24	.305 (7.75)	.938 (23.83)	.875 (22.23)	1.80 (45.72)	1.57 (39.88)	.89 (22.61)	.96 (24.38)	1.15 (29.21)	.455 (11.56)	.121 (3.07)
12/13	0.6875-24	.404 (10.26)	1.125 (28.58)	1.000 (25.40)	2.08 (52.83)	1.88 (47.75)	1.10 (27.94)	1.05 (26.67)	1.44 (36.58)	.598 (15.19)	.157 (3.99)
14/15	0.8125-20	.526 (13.36)	1.250 (31.75)	1.125 (28.58)	2.08 (52.83)	1.88 (47.75)	1.16 (29.46)	1.32 (33.53)	1.50 (38.10)	.710 (18.03)	.210 (5.33)
16/17	0.9375-20	.631 (16.03)	1.375 (34.92)	1.250 (31.75)	2.29 (58.17)	2.13 (54.10)	1.28 (32.51)	1.21 (30.73)	1.68 (42.67)	.839 (21.31)	.246 (6.25)
18/19	1.0625-18	.748 (19.00)	1.500 (38.10)	1.375 (34.92)	2.28 (57.91)	2.13 (54.10)	1.35 (34.29)	1.21 (30.73)	1.81 (45.97)	.934 (23.72)	.277 (7.04)
20/21	1.1875-18	.877 (22.28)	1.625 (41.28)	1.500 (38.10)	2.75 (69.85)	2.54 (64.52)	1.63 (41.40)	1.37 (34.80)	2.12 (53.85)	1.068 (27.13)	.313 (7.95)
22/23	1.3125-18	.999 (25.37)	1.750 (44.45)	1.625 (41.28)	2.75 (69.85)	2.54 (64.52)	1.67 (42.42)	1.37 (34.80)	2.16 (54.86)	1.197 (30.40)	.349 (8.86)
24/25	1.4375-18	1.127 (28.63)	1.875 (47.63)	1.750 (44.45)	2.96 (75.18)	2.75 (69.85)	1.84 (46.74)	1.46 (37.08)	2.41 (61.21)	1.323 (33.60)	.380 (9.65)

MIL-DTL-38999 Series I Type
871F004 Swing-Arm[®] 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



Band



**Micro Band Tool
601-101**



**Slim Micro Band
Tool
601-122**

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.

Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Slim Micro Band Part No.	Length	Max Diameter
8 – 12	601-061	601-601	8.125 (206.38)	.88 (22.35)
14 – 24	601-065	601-603	14.25 (361.95)	1.88 (47.75)