

Swing-Arm® Clamps

for MIL-DTL-38999 Series I and II Connectors

871F001 Swing-Arm Flex Clamp

Self-Locking



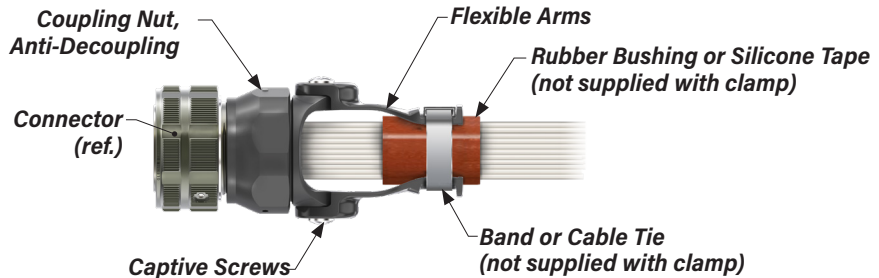
Adapter Code **F**

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

MATERIAL/FINISH

Body, coupling nut :
Code XB: polyetherimide, black
Codes M, MT, NF, TZ, ZR: aluminum alloy
Arms: PEEK, black
Hardware: stainless steel
Anti-decoupling spring: thermoplastic

Lightweight, self-locking, flexible arms. 871F001 Swing-Arm Flex Clamp fits MIL-DTL-38999 Series I and II connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Use banding strap or cable tie to secure arms to wire bundle. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration. Clamp and coupling nut are composite or aluminum, flex arms are PEEK. Passivated SST hardware.



PART NUMBER

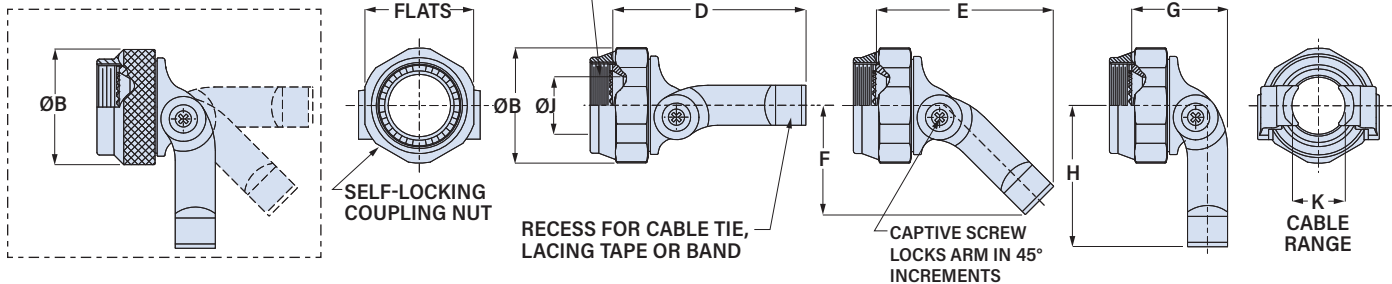
871F001 XB 12

Base P/N **871F001**

Material/Finish	Composite	Material/Finish Code applies to coupling nut and clamp body. Flex arms are black thermoplastic.
	XB No Finish (Black)	
	Aluminum	
	M Electroless Nickel	
	NF Olive Drab Cadmium	
	MT Nickel-PTFR	
	TZ Tin-Zinc	
	ZR Black Zinc-Nickel	

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		

ALUMINUM ALLOY CONFIG. ROUND KNURLED COUPLING NUT



Shell Size	A Thread UNEF-2B	øB Max		C Flats		D Max		E Max		F Max		G Max		H Max		J Min		K Ref.			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Max	in	Min	mm
8/9	0.4375-28	.812	20.6	.750	19.1	1.69	42.9	1.46	37.1	.87	22.1	.85	21.6	1.12	28.4	.264	6.7	.393	10.0	.098	2.5
10/11	0.5625-24	.938	23.8	.875	22.2	1.69	42.9	1.46	37.1	.89	22.6	.85	21.6	1.15	29.2	.390	9.9	.455	11.6	.121	3.1
12/13	0.6875-24	1.125	28.6	1.000	25.4	1.97	50.0	1.77	45.0	1.10	27.9	.94	23.9	1.44	36.6	.504	12.8	.598	15.2	.157	4.0
14/15	0.8125-20	1.250	31.8	1.125	28.6	1.97	50.0	1.77	45.0	1.32	33.5	.94	23.9	1.50	38.1	.630	16.0	.710	18.0	.210	5.3
16/17	0.9375-20	1.375	34.9	1.250	31.8	2.18	55.4	2.02	51.3	1.28	32.5	1.10	27.9	1.68	42.7	.756	19.2	.839	21.3	.246	6.2
18/19	1.0625-18	1.500	38.1	1.375	34.9	2.18	55.4	2.02	51.3	1.35	34.3	1.10	27.9	1.74	44.2	.843	21.4	.934	23.7	.277	7.0
20/21	1.1875-18	1.625	41.3	1.500	38.1	2.64	67.1	2.43	61.7	1.63	41.4	1.26	32.0	2.12	53.8	.969	24.6	1.068	27.1	.313	8.0
22/23	1.3125-18	1.750	44.5	1.625	41.3	2.64	67.1	2.43	61.7	1.67	42.4	1.26	32.0	2.16	54.9	1.091	27.7	1.197	30.4	.349	8.9
24/25	1.4375-18	1.875	47.6	1.750	44.5	2.85	72.4	2.65	67.3	1.84	46.7	1.35	34.3	2.41	61.2	1.217	30.9	1.323	33.6	.380	9.7