

Swing-Arm® Clamps

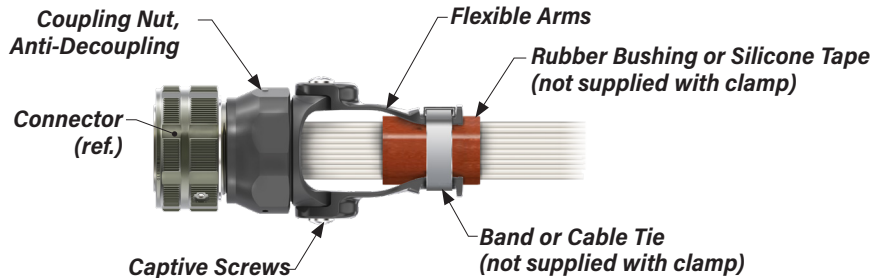
for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

871A001 Swing-Arm Flex Clamp

Self-Locking



Lightweight, self-locking, flexible arms. 871A001 Swing-Arm Flex Clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III 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.



Adapter Code **A**
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

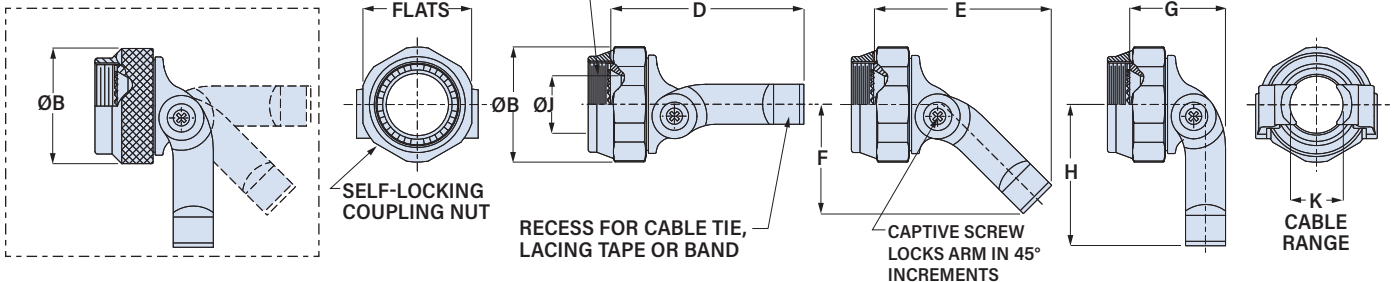
MATERIAL/FINISH

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

PART NUMBER

| | | | |
|------------------------|---|---|-----------|
| | 871A001 | XB | 12 |
| Base P/N | 871A001 | | |
| Material/Finish | Composite XB No Finish (Black) Aluminum M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFR TZ Tin-Zinc ZR Black Zinc-Nickel | Material/Finish Code applies to coupling nut and clamp body. Flex arms are black thermoplastic. | |
| Shell Size | 08 10 12 14 16 18 20 22 24 | | |

ALUMINUM ALLOY CONFIG. ROUND KNURLED COUPLING NUT



| Shell Size | A Thread Class 2B | øB Max | | C Flats | | D Max | | E Max | | F Max | | G Max | | H Max | | øJ Min | | K Ref. | | | |
|------------|-------------------|--------|------|---------|------|-------|------|-------|------|-------|------|-------|------|-------|------|--------|------|--------|------|------|-----|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | Max | Min | | |
| 08 | 0.500-20 UNF | .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 | 0.625-24 UNEF | .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 | 0.750-20 UNEF | 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 | 0.875-20 UNEF | 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 | 1.000-20 UNEF | 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 | 1.0625-18 UNEF | 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 | 1.1875-18 UNEF | 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 | 1.3125-18 UNEF | 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 | 1.4375-18 UNEF | 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 |