


FED SUP CLASS
5935

(G)

| SHELL SIZE | F ±.005 | M THREAD CLASS 2A | O +.001 -.006 FLAT | Q ±.016 DIA | S ±.016 | UP MAX | US MAX | Z +.006 -.005 DIA | DD MIN DIA | EE +.005 -.000 | RECOMMENDED PACKING ("O" RING)  |
|------------|------------|-------------------------|-----------------------------|-------------------|------------|-----------|-----------|----------------------------|------------------|----------------------|--|
| 8 | .438 | .875-20UNEF | .817 | 1.375 | 1.250 | .281 | .359 | .965 | .678 | .140 | MS9021-022 |
| 10 | | 1.000-20UNEF | .941 | 1.500 | 1.375 | | | 1.090 | .780 | | -024 |
| 12 | | 1.125-18UNEF | 1.065 | 1.625 | 1.500 | | | 1.215 | .963 | | -026 |
| 14 | | 1.250-18UNEF | 1.190 | 1.750 | 1.625 | | | 1.340 | 1.088 | | -028 |
| 16 | | 1.375-18UNEF | 1.320 | 1.938 | 1.781 | | | 1.477 | 1.222 | | -029 |
| 18 | | 1.500-18UNEF | 1.440 | 2.016 | 1.890 | | | 1.602 | 1.333 | | -030 |
| 20 | .464 | 1.625-18UNEF | 1.565 | 2.141 | 2.016 | .250 | .344 | 1.727 | 1.458 | .166 | -031 |
| 22 | | 1.750-18UNS | 1.690 | 2.265 | 2.140 | | | 1.852 | 1.583 | | -032 |
| 24 | | 1.875-16UN | 1.815 | 2.390 | 2.265 | | | 1.977 | 1.708 | | -033 |
| | | | | | | | | | | | |

(G)

| INCHES | MM | INCHES | MM | INCHES | MM | INCHES | MM | INCHES | MM |
|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| .001 | 0.03 | .116 | 2.95 | .875 | 22.23 | 1.340 | 34.04 | 1.781 | 45.24 |
| .003 | 0.08 | .140 | 3.56 | .941 | 23.90 | 1.375 | 34.93 | 1.815 | 46.10 |
| .005 | 0.13 | .166 | 4.22 | .963 | 24.46 | 1.440 | 36.58 | 1.852 | 47.04 |
| .006 | 0.15 | .238 | 6.05 | 1.000 | 25.40 | 1.458 | 37.03 | 1.875 | 47.63 |
| .008 | 0.20 | .250 | 6.35 | 1.065 | 27.05 | 1.477 | 37.52 | 1.890 | 48.01 |
| .010 | 0.25 | .281 | 7.14 | 1.088 | 27.64 | 1.500 | 38.10 | 1.938 | 49.23 |
| .011 | 0.28 | .312 | 7.92 | 1.090 | 27.69 | 1.565 | 39.75 | 1.977 | 50.22 |
| .012 | 0.30 | .344 | 8.74 | 1.125 | 28.58 | 1.583 | 40.21 | 2.016 | 51.21 |
| .016 | 0.41 | .359 | 9.12 | 1.190 | 30.23 | 1.602 | 40.69 | 2.140 | 54.36 |
| .045 | 1.14 | .438 | 11.13 | 1.215 | 30.86 | 1.625 | 41.28 | 2.141 | 54.38 |
| .053 | 1.35 | .464 | 11.79 | 1.222 | 31.04 | 1.690 | 42.93 | 2.265 | 57.53 |
| .062 | 1.57 | .678 | 17.22 | 1.250 | 31.75 | 1.708 | 43.38 | 2.390 | 60.71 |
| .094 | 2.39 | .780 | 19.81 | 1.320 | 33.53 | 1.727 | 43.87 | | |
| .109 | 2.77 | .817 | 20.75 | 1.333 | 33.86 | 1.750 | 44.45 | | |

(G) NOTES.

- Dimensions are in inches.
- Metric equivalents are given for general information only.
- Jam nut mounting receptacles shall be provided with an "O" ring.
- Sides of groove may have 5° max taper.
- For main keyway and keyway positions, see MIL-C-38999.
- Diameters M, Q, and Z shall be concentric within .015 T.I.R.
- Recommended packing for dimensions only. Material is optional.
- For design feature purposes. This standard takes precedence over documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitation for bid.

| | | | |
|--|------------------------------|--|-------------------|
| P A AF-85 | International interest | TITLE CONNECTOR, RECEPTACLE ELECTRICAL JAM NUT MOUNTING, SOLDER TYPE, HERMETIC SEAL, SERIES II | MILITARY STANDARD |
| Other Cust ARMY - CR NAVY - AS | | | MS27477 |
| Procurement Specification MIL-C-38999 | SUPERSEDES MS27477 (USAF) | | PAGE 2 OF 2 |