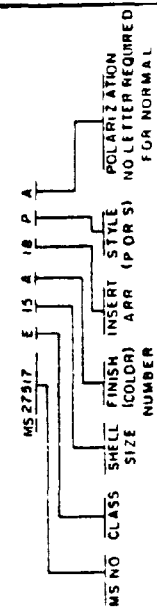


This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

Releaser activities: Army, Navy, Air Force
 User activities: Army, Navy, Air Force



EXAMPLE OF PART NUMBER

- 1. ITS NORMAL KEYWAY POSITION FOR OTHER KEYWAY POSITIONS SEE FIGURE 4 OF PROCUREMENT DOCUMENT
- 2. INSERT FRONT SURFACE SHALL BE FLAT WITHIN .005 TOTAL INDICATOR READING
- 3. DIMETERS A AND D SHALL BE CONCENTRIC WITHIN .015 T I M
- 4. DIMETERS O AND I SHALL BE CONCENTRIC WITHIN .005 T I M AT MMC
- 5. DIAMETER A WITH RESPECT TO DIAMETER B, AND DIAMETER D WITH RESPECT TO DIAMETER N, SHALL BE CONCENTRIC AT MMC
- 6. DIMENSIONS IN INCHES
- 7. THE POINT AT WHICH A GAGE PH, HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT AND A SQUARE FACE, TOUCHES SOCKET CONTACT SPRING
- 8. THE GAGE FEATURES FOR GG SHALL BE .010 SMALLER THAN THEIR MMC SIZE AT BASIC LOCATION

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN WHERE CONFLICTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID

| INCHES | MM | INCHES | MM | INCHES | MM | INCHES | MM |
|--------|------|--------|-------|--------|-------|--------|-------|
| .000 | .00 | 1.124 | 28.55 | .662 | 16.81 | 1.124 | 28.55 |
| .001 | .03 | 1.125 | 28.58 | .687 | 17.45 | 1.125 | 28.58 |
| .002 | .05 | 1.167 | 29.64 | .6875 | 17.46 | 1.167 | 29.64 |
| .003 | .08 | 1.207 | 30.66 | .700 | 17.78 | 1.207 | 30.66 |
| .004 | .10 | 1.210 | 30.73 | .750 | 19.05 | 1.210 | 30.73 |
| .005 | .13 | 1.219 | 30.96 | .769 | 19.53 | 1.219 | 30.96 |
| .006 | .15 | 1.246 | 31.65 | .782 | 19.86 | 1.246 | 31.65 |
| .007 | .18 | 1.249 | 31.72 | .790 | 20.07 | 1.249 | 31.72 |
| .010 | .25 | 1.292 | 32.82 | .810 | 20.57 | 1.292 | 32.82 |
| .012 | .30 | 1.312 | 33.32 | .812 | 20.62 | 1.312 | 33.32 |
| .015 | .38 | 1.317 | 33.45 | .820 | 20.83 | 1.317 | 33.45 |
| .016 | .41 | 1.332 | 33.83 | .850 | 21.59 | 1.332 | 33.83 |
| .020 | .51 | 1.374 | 34.90 | .871 | 22.12 | 1.374 | 34.90 |
| .022 | .56 | 1.417 | 35.99 | .894 | 22.71 | 1.417 | 35.99 |
| .036 | .91 | 1.438 | 36.53 | .937 | 23.80 | 1.438 | 36.53 |
| .063 | 1.60 | 1.442 | 36.63 | .938 | 23.83 | 1.442 | 36.63 |
| .078 | 1.98 | 1.457 | 37.01 | .960 | 24.38 | 1.457 | 37.01 |
| .085 | 2.16 | 1.499 | 38.07 | .975 | 24.77 | 1.499 | 38.07 |
| .100 | 2.54 | 1.562 | 39.67 | .996 | 25.30 | 1.562 | 39.67 |
| .109 | 2.77 | 1.567 | 39.80 | .972 | 24.53 | 1.567 | 39.80 |
| .115 | 2.92 | 1.582 | 40.18 | 1.031 | 26.19 | 1.582 | 40.18 |
| .123 | 3.12 | 1.688 | 42.88 | 1.042 | 26.47 | 1.688 | 42.88 |
| .125 | 3.18 | 1.692 | 42.98 | 1.085 | 27.56 | 1.692 | 42.98 |
| .126 | 3.20 | 1.812 | 46.02 | 1.100 | 27.94 | 1.812 | 46.02 |
| .128 | 3.25 | | | 1.121 | 28.47 | | |

FED SUP CLASS
5935

| | | | |
|---|------------------------|---|-------------------|
| PA AF-17 | International interest | TITLE CONNECTOR, RECEPTACLE, ELECTRIC, CRIMP TYPE, BACK PANEL WALL MOUNTING FLANGE, BAYONET COUPLING, SERIES 1 | MILITARY STANDARD |
| Other Cust ARMY - EL NAVY - AS | | SUPERSEDES MS27515 (USAF) | MS27515 |
| Procurement Specification MIL-STD-3899 | | | SHEET 2 |

APPROVED REVISED (B)