

FED. SUP CLASS  
4730

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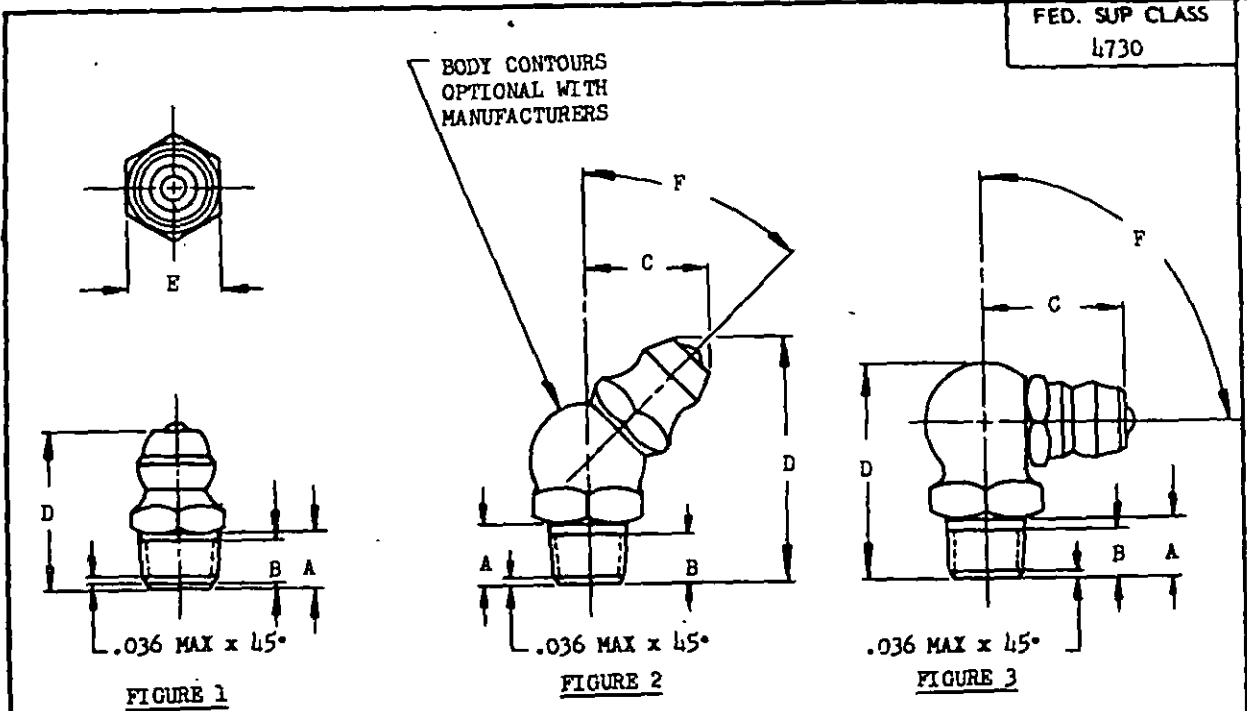


FIGURE 1

FIGURE 2

FIGURE 3

| MS PART NO. | FIN | FIG | (a)<br>THREAD<br>T | (A)        |          | C<br>MAX | D<br>±.062 | E<br>±.003 | F   |
|-------------|-----|-----|--------------------|------------|----------|----------|------------|------------|-----|
|             |     |     |                    | A<br>±.031 | (b)<br>B |          |            |            |     |
| MS15001-1   |     | 1   | 1/4-28 UNS-2A      | .187       | .109     | --       | .500       | .312       | --  |
| MS15001-2   |     |     |                    | .625       | .203     |          | .937       |            |     |
| MS15001-3   |     | 2   |                    | .187       | .109     | .406     | .812       | .375       | 45° |
| MS15001-4   |     |     |                    | 3          | .531     | .781     |            |            | 90° |

(A) (a) 1/4-28 UNIFIED NATIONAL FORM OF THREAD WITH 3/4 INCH DIAMETRAL TAPER PER FOOT; BASIC PITCH DIA AT SMALL END OF THREAD EQUALS .2224 TO .2257. FITTINGS SHALL BE SUITABLE FOR INSTALLATION TIGHTLY INTO 1/4-28 UNF-3B THREADED HOLE.

(b) MINIMUM EFFECTIVE THREAD.

MATERIAL: STEEL, SEE PROCUREMENT SPECIFICATION.

(A) FINISH: CADMIUM PLATE OR ZINC PLATE, SEE PROCUREMENT SPECIFICATION.

(A) DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: ANGLES ±5°.

(A) TIP DESIGN OPTIONAL IN ACCORDANCE MS15000. THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID. PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.

This military standard is approved by the Department of Defense and is mandatory as to all activities. Solicitation for all new engineering and design applications and for repetitive use shall be made from this document.

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|--|---|--|-------------------------------------|
| P.A.<br>Navy-BuAer<br>Other Cust<br>Army Ord<br>USAF | Other<br>Interest<br>Inter-<br>national | TITLE<br>FITTINGS, LUBRICATION (HYDRAULIC) SURFACE CHECK,<br>1/4-28 TAPER THREADS, STEEL, TYPE I | MILITARY STANDARD<br><b>MS15001</b> |
| Procurement Specification<br>MIL-F-3541              | SUPERSEDES:                             |  | SHEET 1 OF 1                        |

APPROVED 12 Jul '51 REVISED A 27 Mar 59