

Review activities :  
 Army - AV, SM  
 Navy - MC, SF  
 DLA - CS

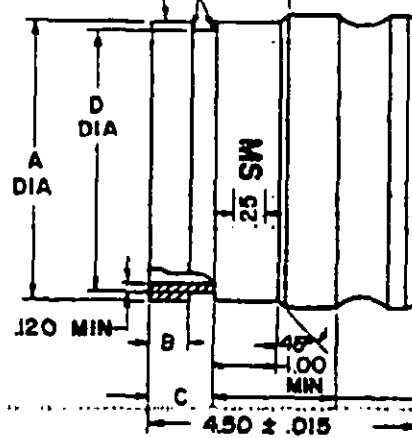
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(THIS END IS SUITED FOR  
 MATING WITH CLAMPS  
 CONFORMING TO MIL-C-10387)

GROOVE FILLET  
 RADIUS .020 ± .010

FED. SUP CLASS  
 4730

THIS PORTION CONFORMS  
 TO MS27019



LOCATION OF "MS"  
 SHALL BE WITHIN  
 THIS AREA

| DASH<br>NO. | CLASS NUMBER |         | NOM<br>SIZE | DIMENSIONS   |              |              |  |
|-------------|--------------|---------|-------------|--|--------------|--------------|--|
|             | CLASS 1      | CLASS 2 |             | A  | B            | C            | D  |
| -1          | X            |         | 4           | 4.500 $\begin{smallmatrix} +.031 \\ -.016 \end{smallmatrix}$ | 0.625 ± .031 | 1.000 ± .031 | 4.334 $\begin{smallmatrix} +0.000 \\ -0.020 \end{smallmatrix}$ |
| -2          |              | X       |             |  |              |              |  |
| -3          | X            |         | 6           | 6.625 $\begin{smallmatrix} +.031 \\ -.016 \end{smallmatrix}$ | 0.625 ± .031 | 1.000 ± .031 | 6.455 $\begin{smallmatrix} +0.000 \\ -0.022 \end{smallmatrix}$ |
| -4          |              | X       |             |  |              |              |  |

ⓓ DENOTES CHANGES

|   |  |   |                               |
|---|--|---|-------------------------------|
| P.A. ARMY-ME<br>Other Cust<br>NAVY-YD<br>A.F-99 | INTERNATIONAL<br>INTEREST<br>STANAG NO.<br>2761<br>QSTAG 240 | TITLE<br>COUPLING HALF, QUICK DISCONNECT, CAM-LOCKING TYPE,<br>NIPPLE ADAPTER, MALE BY EXTERNAL GROOVED PIPE,<br>TYPE XIX | MILITARY STANDARD<br>MS 70100 |
| PROCUREMENT SPECIFICATIONS<br>MIL-C-27487       |  | SUPERSEDES:   | SHEET 1 OF 2                  |

DD FORM 1 SEP 57 672

14 (continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4730-0695

APPROVED 23 NOVEMBER 1965 REVISED ⓐ 12 FEBRUARY 1970 ⓑ 19 AUGUST 1975 ⓒ 16 JULY 1980 ⓓ 15 MAY 1989

FED. SUP CLASS  
4730

## NOTES:

1. MATERIAL
  - A. BODY
    - CLASS 1 ALUMINUM - QQ-A-401, ALLOY 356, TEMPER T6, OR ALLOY 40E, TEMPER T5.
    - CLASS 2 BRASS - QQ-C-390, ALLOY 836, 844 OR 922, OR BRASS, QQ-B-626, COPPER ALLOY 377.
2. FINISH
  - A. BODY
    - CLASS 1 ALUMINUM - MIL-A-8625, ANODIC COATING, TYPE II, CLASS 1, THICKNESS NOT LESS THAN 0.0004 IN.
    - CLASS 2 BRONZE OR BRASS - PLAIN
3. BURRS AND ALL FOREIGN MATERIAL SHALL BE REMOVED.
4. HYDROSTATIC TEST PRESSURE - 4 INCH, 300 P.S.I.; 6 INCH, 150 P.S.I.
5. WORKING PRESSURE - 4 INCH, 150 P.S.I.; 6 INCH, 75 P.S.I.
- ⑥ 6. DIMENSIONS - IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCE  $\pm .02$ ,  $\pm 1/2^\circ$
7. PART NUMBER - THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER PLUS THE DASH NUMBER.  
EXAMPLE: MS70100-1
- ⑥ 8. REFERENCED GOVERNMENT DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATION AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
9. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER ACQUISITION DOCUMENTS REFERENCED HEREIN.
- ⑥ 10. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.

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APPROVED 23 NOVEMBER 1976 REVISED

|  |   |  |                                      |
|--|---|--|--------------------------------------|
| P A<br>ARMY-WE<br>Other Cust<br>1000 - YD<br>1000 - 99 | INTERNATIONAL<br>INTEREST<br>STANAG NO. 2761<br>QSTAG 240 | TITLE<br>COUPLING HALF, QUICK DISCONNECT, CAM-LOCKING TYPE,<br>NIPPLE ADAPTER, MALE BY EXTERNAL GROOVED PIPE,<br>TYPE <del>III</del> | MILITARY STANDARD<br><b>MS 70100</b> |
| Procurement Specifications<br>MIL-C-27487              |   | SUPERSEDES:  | SHEET 2 OF 2                         |