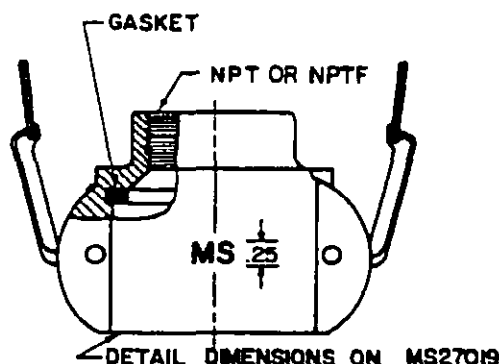


FED-STD CLASS  
4730

DASH NO.	CLASS NUMBER		SIZE	NPT	MS27019 SIZE	GASKET REQUIRED
	CLASS 1	CLASS 2				
-1	X		3 X 3	2-11-1/2	-3	MS27030-8
-2		X				
-3	X		4 X 3	3-8	-4	MS27030-9
-4		X				
-5	X		6 X 4	4-8	-6	MS27030-10
-6		X				

## NOTES:

## 1. MATERIAL

## a. BODY

CLASS 1 ALUMINUM - QQ-A-601, 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.

b. ARMS, CAM - QQ-C-390, BRASS, ALLOY 865 OR 862; OR BRASS, QQ-B-626, COPPER ALLOY 377.

c. PINS, CAM - QQ-S-763, CRES, CLASS 304 OR 316, CONDITION A, FORM ROUND OR ASTM A582 TYPE 303, 303SE, CONDITION A, FORM ROUND.

d. RINGS, WIRE - SPRING STEEL, OR STAINLESS STEEL, ASTM A313, TYPE 304.

e. GASKET - CONFORM TO MS27030.

## 2. FINISH

## a. BODY

CLASS 1 ALUMINUM - MIL-A-8625, ANODIC COATING, TYPE II, CLASS 2, THICKNESS NOT LESS THAN 0.0004 IN.

CLASS 2 BRONZE OR BRASS - BODY AND CAM ARMS, PLAIN.

b. RINGS - QQ-P-416, CADMIUM PLATE, TYPE II, CLASS 1, FOR CARBON STEEL WIRE ONLY.

c. PINS, CAM - CRES OR STAINLESS STEEL SHALL BE PASSIVATED PER ASTM A380.

3. THREADS - TYPE AMERICAN STANDARD PIPE THREADS CONFORMING TO FED-STD-H28, SECTION VII OR VIII, AS APPLICABLE.

4. BURRS AND ALL FOREIGN MATERIAL SHALL BE REMOVED.

5. HYDROSTATIC TEST PRESSURE - 3 X 2 AND 4 X 3 INCH, 300 P.S.I., 6 X 4 INCH, 150 P.S.I.

6. WORKING PRESSURE - 3 X 2 AND 4 X 3 INCH, 150 P.S.I., 6 X 4 INCH, 75 P.S.I.

7. DIMENSIONS - IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES ±.02; ±1/2".

8. PART NUMBER - THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS70097-1.

9. REFERENCED GOVERNMENT DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

10. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER ACQUISITION DOCUMENTS REFERENCED HEREIN.

11. 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.

12. ORDERING DATA SHALL INCLUDE:

- a. STAINLESS STEEL PULL RING, IF REQUIRED, OR
- b. CADMIUM PLATED STEEL PULL RING.

NOTE: CERTAIN PROVISIONS (DIMENSIONS) OF THIS DOCUMENT ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT (STANAG NO. 2761 AND QSTAG 240). WHEN CHANGE NOTICE, REVISION, OR CANCELLATION OF THIS DOCUMENT IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY SHALL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

D DENOTES CHANGES

P.A. ARMY-ME Other Cost NAVY-YD A.F.-99	INTERNATIONAL INTEREST STANAG NO. 2761 QSTAG 240	TITLE COUPLING HALF, QUICK DISCONNECT, CAM-LOCKING TYPE, FEMALE REDUCER (INTERNAL PIPE THREAD) TYPE XXIII	MILITARY STANDARD MS 70097
PROCUREMENT SPECIFICATIONS MIL-C-27487		SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 57 672

(Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4730-0694

User activities:  
Army - AV  
Navy - MC, SHReview activities:  
Army - GL  
Air Force - B2  
DLA - CS

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APPROVED 10 AUGUST 1965 REVISED A 13 FEBRUARY 1970 B 19 AUGUST 1975 C 16 JULY 1980 D 15 MAY 1989