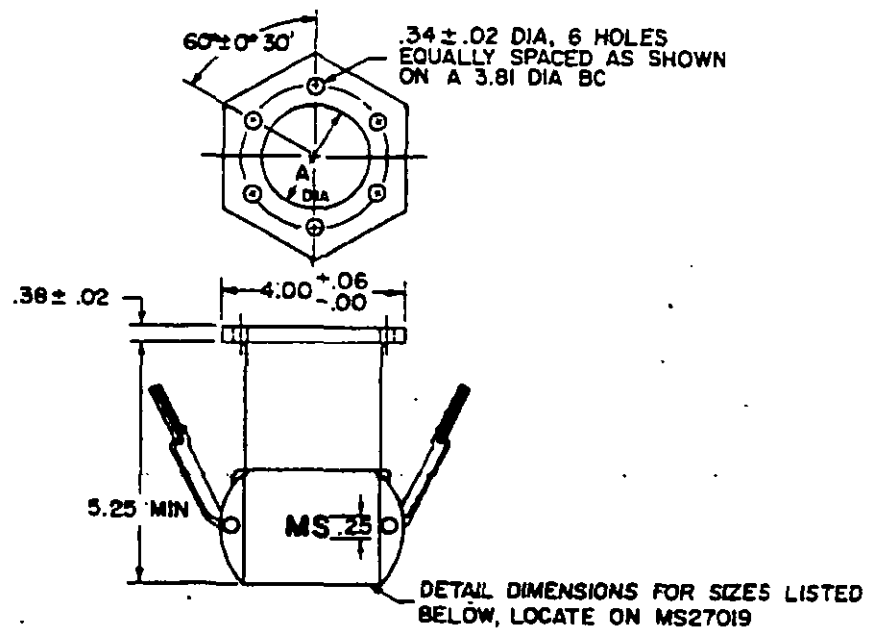


FED. SUP CLASS  
4730

(D)

DASH NUMBER	CLASS NUMBER		NOM SIZE	DIMENSION A	GASKET REQ'D
	CLASS 1	CLASS 2			
- 9	X		1-1/2	1.50	MS27030-5
-10		X			
-11	X		2	2.00	MS27030-6
-12		X			
-13	X		2-1/2	2.50	MS27030-7
-14		X			
-15	X		3	2.50	MS27030-8
-16		X			
-17	X		4	2.50	MS27030-9
-18		X			
-19	X		6	2.50	MS27030-10
-20		X			

(D) DENOTES CHANGES

P.A. ARMY-NE Other Cust A.F.-99	INTERNATIONAL INTEREST STANAG NO. 2751 OSTAG 240	TITLE COUPLING HALF, QUICK DISCONNECT, CAM LOCKING TYPE FEMALE, FLANGED, TYPE VIII, (FOR D-1 NOZZLE-AIRCRAFT)	MILITARY STANDARD MS 70091
PROCUREMENT SPECIFICATIONS MIL-C-27487		SUPERSEDES:	SHEET 1 OF 2

DD FORM 672  
1 SEP 53

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4730-0691

AMSC N/A

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

This military standard is approved 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, when applicable.

User activities :  
Army - AV  
Navy - SH, MC

Review activities :  
Army - GL  
Air Force - BZ  
DA - CS

APPROVED 21 AUGUST 1964 REVISED (A) 2 APRIL 1970 (B) 19 AUGUST 1975 (C) 16 JULY 1980 (D) 15 MAY 1989

## NOTES:

1. MATERIAL
  - a. BODY
    - CLASS 1 ALUMINUM - QQ-A-401, ALLOY 356, TEMPER T6 OR ALLOY 40E, TEMPER T6.
    - 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, BRONZE, ALLOY 065 OR 062; 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 A302 TYPE 307SE, CONDITION A, FORM ROUND.
  - d. RINGS, WIRE - SPRING STEEL, OR STAINLESS STEEL, ASTM A313, TYPE 304.
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 - 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. BURRS AND ALL FOREIGN MATERIAL SHALL BE REMOVED.
- ④ 4. HYDROSTATIC TEST PRESSURE - 1 1/2 THROUGH 4 INCH, 300 P.S.I.; 6 INCH, 150 P.S.I.
- ④ 5. WORKING PRESSURE - 1 1/2 THROUGH 4 INCH, 150 P.S.I.; 6 INCH, 75 P.S.I.
- ④ 6. DIMENSIONS - IN INCHES. NOMINAL UNLESS OTHERWISE SPECIFIED. TOLERANCES ±.02.
7. PART NUMBER - THE NS PART NUMBER CONSISTS OF THE NS SHEET NUMBER PLUS THE DASH NUMBER.  
EXAMPLE: NS70091-9.
- ④ 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.
- ④ 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.
- ④ 11. 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.

P. A. ACTY-NE Docu Card AF - 99	INTERNATIONAL INTEREST STANAG NO. 2761 QSTAG 240	TITLE COUPLING HALF, QUICK DISCONNECT, CAM LOCKING TYPE, FEMALE, FLANGED, TYPE XIII, (FOR D-1 NOZZLE - AIRCRAFT)	MILITARY STANDARD <b>MS70091</b>
Procurement Specifications <b>MIL-C-27487</b>		SUPERSEDES:	SHEET 2 OF 2