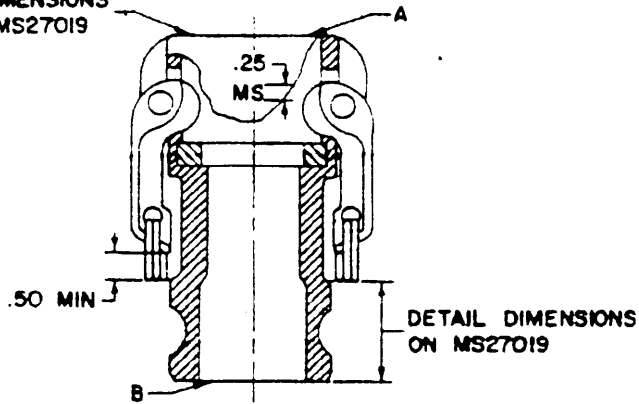


FED. SUP CLASS  
4730

DETAIL DIMENSIONS  
ON MS27019



User activities:  
ARMY - MC, SH

Review activities:  
ARMY - GL  
AIR FORCE - 82

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DASI NUMBER	CLASS NUMBER		NOMINAL END SIZE		GASKET REQUIRED
	CLASS 1	CLASS 2	A	B	
-1	X				
-2		X	4	3	MS27030-9
-3	X				
-4		X	4	2	MS27030-9
-5	X				
-6		X	3	2	MS27030-8
-7	X				
-8		X	2	1-1/2	MS27030-6
-9	X				
-10		X	1-1/2	1	MS27030-5
-11	X				
-12		X	3	4	MS27030-8
-13	X				
-14		X	2	4	MS27030-6
-15	X				
-16		X	2	3	MS27030-6
-17	X				
-18		X	1-1/2	2	MS27030-5
-19	X				
-20		X	1	1-1/2	MS27030-3
-21	X				
-22		X	6	4	MS27030-10
-23	X				
-24		X	4	6	MS27030-9

(E) DENOTES CHANGES

APPROVED 15 DECEMBER 1961 REVISED (A) 2 MARCH 1970 (B) 10 FEBRUARY 1971 (C) 19 AUGUST 1975 (D) 16 JULY 1980 (E) 15 MAY 1989

P.A. ARMY-ME Other Cust NAVY-YD A F-99	INTEREST STANAG NO. 2761 USTAG 240	TITLE REDUCER, MALE BY FEMALE AND FEMALE BY MALE QUICK DISCONNECT, CAM-LOCKING TYPE, TYPE XI	MILITARY STANDARD MS 49000
PROCUREMENT SPECIFICATIONS MIL-C-27487	SUPERSEDES:	SHEET 1 OF 2	

DD FORM 1 SEP 57 672

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4730-0687

FED. SUP CLASS  
4730

## NOTES:

1. MATERIAL
  - a. BODY
    - CLASS 1 ALUMINUM - QQ-A-601, ALLOY 356, TEMPER T6 OR ALLOY 406, 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, BRONZE, 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 303SE, 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.
    - CLASS 2 BRONZE OR BRASS - BODY AND CAM ARMS, PLAIN.
  - b. RINGS - QQ-P-416, CADMIUM PLATE, TYPE II, CLASS 2, FOR CARBON STEEL WIRE ONLY.
3. BURRS AND ALL FOREIGN MATERIAL SHALL BE REMOVED.
4. HYDROSTATIC TEST PRESSURE - 300 P.S.I.
5. WORKING PRESSURE - 150 P.S.I.
- (E) 6. DIMENSIONS - IN INCHES. NOMINAL UNLESS OTHERWISE SPECIFIED. TOLERANCES  $\pm .02$ .
7. PART NUMBER - THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS49000-1.
- (E) 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.
- (E) 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.
- (E) 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.

(E) DENOTES CHANGE

P. A. ARMY-NE Other Cust NAVY - 90 AF - 99	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
	STANAG NO. 2761 BSTAG 240	REDUCER, MALE BY FEMALE AND FEMALE BY MALE QUICK DISCONNECT, CAM-LOCKING TYPE, TYPE II	MS 49000
Procurement Specifications MIL-C-27487	SUPERSEDES	SHEET 2 OF 2	

DD FORM 1 MAR 61 672-1

UNCLASSIFIED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

REVISED 15 DECEMBER 1961 (E) FOR CHANGES SEE SHEETS 1 AND 2