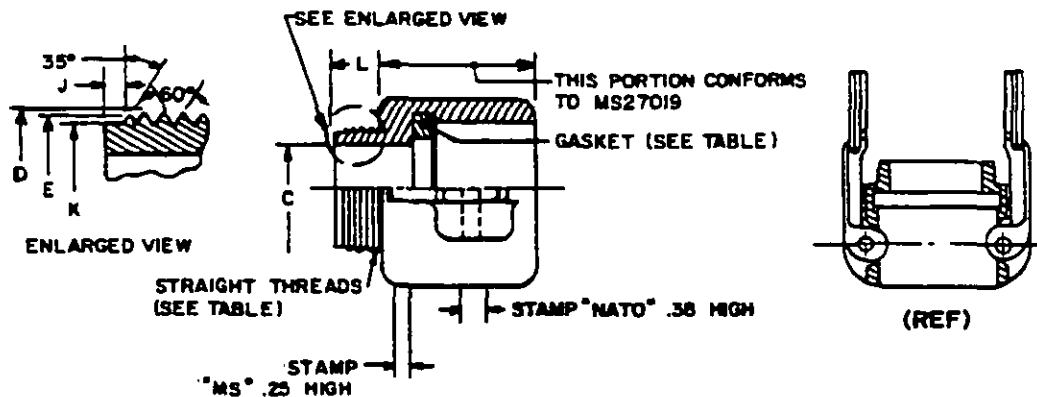


FED. SUP CLASS
4730

DASH NUMBER	NOMINAL SIZE	TEDS PER INCH	TED TYPE	MAJOR DIA D		PITCH DIA E		MINOR DIA K MAX	LGTH OF WHIPPLE L	LGTH OF PILOT J	INSIDE DIA C	GASKET REQUIRED
				MAX	MIN	MAX	MIN					
-1	3/4	14	NPSN	1.0353	1.0213	0.9889	0.9819	0.9425	.94	.12	.78	MS27030-2
-2	1	11-1/2	NPSN	1.2951	1.2781	1.2384	1.2301	1.1821	.94	.16	.88	MS27030-3
-3	1-1/2	11-1/2	NPSN	1.8788	1.8618	1.8223	1.8138	1.7658	.62	.14	1.34	MS27030-5
-4	2	11-1/2	NPSN	2.3528	2.3358	2.2963	2.2878	2.2398	.75	.19	1.88	MS27030-6
-5	2-1/2	8	NH	2.8434	2.8212	2.7622	2.7511	2.6810	1	.25	2.38	MS27030-7
-6	3	8	NH	3.4497	3.4475	3.3005	3.3774	3.3073	1.12	.25	2.88	MS27030-8
-7	4	8	NH	4.4683	4.4661	4.3871	4.3760	4.3059	1.12	.25	3.88	MS27030-9
-8	6	8	NH	6.5874	6.5800	6.5060	6.4945	6.4244	1.38	.25	5.88	MS27030-10

(D) DENOTES CHANGES

P.A. ARMY-NE Other Cust NAVY-YD A. F. -99	INTERNATIONAL INTEREST STAG ID. 2761 QSTAG 240	TITLE COUPLING HALF, QUICK DISCONNECT, CAM-LOCKING TYPE, FEMALE, EXTERNAL STRAIGHT THREADS, TYPE XVI (FOR USE WITH NATO EQUIPMENT)	MILITARY STANDARD MS 70096
PROCUREMENT SPECIFICATIONS MIL-C-27487		SUPERSEDES:	SHEET 1 OF 2

DD FORM 1 SEP 57 672

(If unaddressed)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4730-0693

AMSC N/A

APPROVED 10 AUGUST 1968 REVISED (A) 3 MARCH 1970 (E) 16 JULY 1980 (C) 15 MAY 1989

User activities :
Army - AVReview activities :
Army - GL
Air Force - 82
DLA - CS

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FED. SUP CLASS
4730

NOTES:

1. MATERIAL

- a. BODY - QQ-C-390, BRASS, ALLOY 836 OR 922, OR BRASS, QQ-B-626, COPPER ALLOY 377.
- b. ARMS, CAM - QQ-C-390, BRASS, ALLOY 836, 844 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 - MIL-F-496, BLACK CHEMICAL FINISH.
- b. ARMS, CAM - PLAIN.
- c. RINGS - QQ-P-416, CADMIUM PLATE, TYPE II, CLASS 1, FOR CARBON STEEL WIRE ONLY.
- d. PINS, CAM - CRES OR STAINLESS STEEL SHALL BE PASSIVATED PER ASTM A380.

3. THREADS - THREADS SHALL BE AMERICAN NATIONAL HOSE COUPLING (NPSH) OR AMERICAN NATIONAL FIRE HOSE COUPLING (NFI) AS SPECIFIED IN TABLE AND CONFORMING TO FED-STD-H2B/10.

4. BURRS AND ALL FOREIGN MATERIAL SHALL BE REMOVED.

5. HYDROSTATIC TEST PRESSURE - 3/4 THROUGH 4 INCH, 300 P.S.I.; 6 INCH, 150 P.S.I.

6. WORKING PRESSURE - 3/4 THROUGH 4 INCH, 150 P.S.I.; 6 INCH, 75 P.S.I.

⑦ 7. DIMENSIONS - IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCE ± 0.02 AND $\pm 1/2^\circ$.

8. PART NUMBER - THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS70096-1.

⑨ 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 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 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.

① DENOTES CHANGES

APPROVED 10 AUGUST 1968 REVISED ① FOR CHANGES SEE SHEETS 1 AND 2

P. A. ARMY-ME OCTOY CURT NAVY - YD AF - 99	INTERNATIONAL INTEREST STANAG NO. 2761 QSTAG 240	TITLE COUPLING HALF, QUICK DISCONNECT, CAM-LOCKING TYPE, FEMALE, EXTERNAL STRAIGHT THREADS, TYPE XXII (FOR USE WITH NATO EQUIPMENT)	MILITARY STANDARD MS 70096
Procurement Specifications MIL-C-27487		SUPERSEDES:	SHEET 2 OF 2