

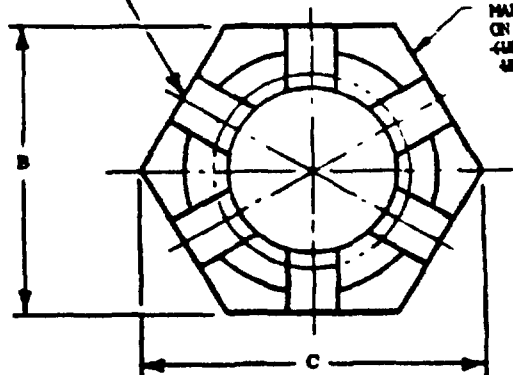
USER SYMBOLS

REVISION SYMBOLS
NAVY-AS
ARMY-AR,MI

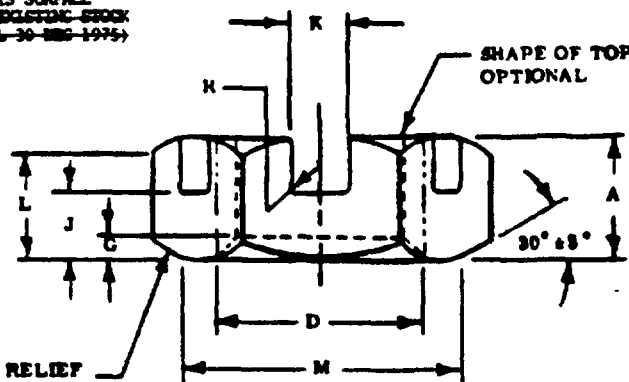
*Reference information is current as of the date of this document.
For future coordination of changes to this document, draft standardization
should be based on the information in the current 000000.

AMSC N/A
INTERNATIONAL STANDARDIZATION ORGANIZATION (ISO) is the only organization
This military standard is approved for use by all Departments &
Agencies of the Department of Defense. It includes the all same
terminology and design applications and for regulations not shall be
made from this document.

OPPOSITE SLOTS MUST COINCIDE WITHIN
005 AND SLOT AXIS MUST BE WITHIN
.005 OF THREAD P D AXIS



MARK MFG IDENT
ON THIS SURFACE
(USE EXISTING STOCK
UNTIL 30 MAR 1975)



(H) WASHER FACE, CHAMFER OR RADIUS RELIEF
TO HEX FLATS OPTIONAL WHEN WITHIN THE
30° ± 5° ANGLE AND "M" DIA LIMITATIONS

NOTES

- (H) 1. MATERIAL: STEEL UNS G11370 (AISI 1137) PER AMS 5024
UNS G11374 (AISI 11L37) PER AMS 5020
UNS K22033 (AISI 3135) PER AMS 6330
UNS C41300 (AISI 4130) PER AMS 6348
UNS G87400 (AISI 8740) PER AMS 6322, 6323, 6325, 6327, 6358
INSERT MATERIAL: NYLON OR EQUIVALENT
2. PLATING: CADMIUM PLATING IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 2
3. BREAK SHARP EDGES AND REMOVE BURRS
4. SURFACE TEXTURE IN ACCORDANCE WITH ANSI B-46.1 SHALL NOT EXCEED 125 MICROINCHES
5. DIMENSIONS IN INCHES
6. DESIGN INFORMATION: THESE NUTS MAY BE USED AT TEMPERATURES 250° F AND BELOW IN THOSE TYPES OF APPLICATIONS FOR WHICH SLOTTED OR CASTELLATED NUTS ARE APPROVED FOR USE. AND IF SUCH APPLICATIONS CONFLICT WITH ANY LIMITATION ON THE USE OF SELF-LOCKING NUTS, AS CITED BY MS33588, THIS STANDARD TAKES PRECEDENCE. NUTS ARE TO BE INSTALLED IN ACCORDANCE WITH MS33588.
7. EXAMPLE OF PART NUMBER: MS17826-4-.2500-28 NUT, CADMIUM PLATED.
NON-METALLIC INSERT
8. PERFORMANCE: PER MIL-N-25027 EXCEPT FOR
1 - TABULATED ULTIMATE TENSILE STRENGTH VALUES
- (H) 2 - VIBRATION: PER MIL-STD-1312-7 (30,000 CYCLES) USING ASSEMBLY TORQUES LISTED IN TABLE 1 FOR ONE SEATED CYCLE
- 3 - LOCKING TORQUE VALUES APPLICABLE FOR ONE CYCLE AT ROOM TEMPERATURE ONLY.
- (M) BIDS SHALL BE SOLICITED ONLY FROM THE MANUFACTURERS OR DISTRIBUTORS LISTED ON QPL-25027.
- * CERTAIN PROVISIONS (LIMITS ACROSS FLATS DIMENSION) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION ABC AIR STD 17/2. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.

(H) DENOTES CHANCE

P A NAVY-AS Other Code USAF - 99 ARMY - AV	INTERNATIONAL INTEREST	TITLE NUT SELF-LOCKING, CASTELLATED, HEXAGON 250 ± .010 IN NON-METALLIC INSERT	MILITARY STANDARD MS17826
PROCUREMENT SPECIFICATION (SEE PERFORMANCE NOTE)	SUPERSEDES MS17826 (ASFC)	FIG 1 FIG 2	

DD FORM 672-1 (Continued)

PROCESSED BY THE U.S. GOVERNMENT PRINTING OFFICE

5310-1300

APPROVED 30 MAR 1993 REVISED 1 JUN 73 9 NOV 74 23 AUG 82 30 NOV 88

TABLE 1 NUT DIMENSIONS AND STRENGTHS

SIZE DASH NO.	THREAD MIL-S-8879	A		B		C	D	G		J	
		MAX	MIN	MAX	MIN	MIN	MAX	MAX	MIN	MAX	MIN
-3	.1900-32UNJF-3B	.203	.173	.376	.367	.410	.215	.032	.006	.114	.094
-4	.2500-28UNJF-3B			.439	.430	.482	.275	.036	.007		
-5	.3125-24UNJF-3B			.502	.492	.532	.338	.042	.008		
-6	.3750-24UNJF-3B	.234	.204	.564	.553	.622	.400			.130	.110
-7	.4375-20UNJF-3B			.690	.679	.766	.463				
-8	.5000-20UNJF-3B			.752	.741	.837	.525	.050	.010		
-9	.5625-18UNJF-3B	.328	.298	.877	.865	.978	.587	.055	.012	.208	.188
-10	.6250-18UNJF-3B			.940	.928	1.051	.650				
-12	.7500-16UNJF-3B			.390	.360	1.064	1.052				
-14	.8750-14UNJF-3B	.453	.423	1.252	1.239	1.403	.900	.072	.016	.333	.313
-16	1.0000-12UNJF-3B	.515	.485	1.440	1.427	1.615	1.025	.083	.018	.396	.376
-18	1.1250-12UNJF-3B	.578	.548	1.627	1.614	1.826	1.150			.427	.407
-20	1.2500-12UNJF-3B	.640	.610	1.815	1.801	2.038	1.275			.489	.469

TABLE 1 (CONT'D)

SIZE DASH NO.	K		L	M		R	ULTIMATE TENSILE STRENGTH LB MIN	TEST WRENCHING TORQUE (INCHES LBS)	ASSEMBLY TORQUE VIBRATION (IN LBS)	WEIGHT LB/100
	MAX	MIN	MIN	MAX	MIN	MAX		MIN	MAX	MAX
-3	.108	.078	.110	.376	.355	.035	1,000	20	16	.340
-4			.125	.439	.418		1,800	45	15	400
-5				.502	.480		2,900	90	70	550
-6	.155	.125	.140	.564	.543	.053	4,100	125	100	750
-7			.130	.690	.675		5,000	225	180	850
-8			.150	.752	.737		5,600	300	240	1,600
-9	.187	.157	.200	.877	.862	.062	7,800	400	320	3,000
-10			.185	.940	.925		10,000	600	480	4,000
-12			.220	1.064	1.049		15,500	1,100	880	5,850
-14	.187	.157	.288	1.252	1.237		22,800	1,900	1,500	9,150
-16			.333	1.440	1.425		35,500	3,000	2,400	14,300
-18			.384	1.627	1.612		46,300	5,000	4,000	28,200
-20			.429	1.815	1,800		59,200	7,000	5,600	39,300

P.A.
NAVY-AS
Other Cust
USAF - 99
ARMY - AVINTERNATIONAL
INTEREST
*

TITLE

NUT, SELF-LOCKING CASTELLATED, HEXAGON-250 x 7/16
NON METALLIC INSERT

MILITARY STANDARD

MS17826

PROCUREMENT SPECIFICATION
MIL-N-2407
(SEE PROCUREMENT NOTE)

SUPERSEDES

MS17826 (ASG)

SHEET 2 OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS ARE OBSOLETE

1.111.01 2.00-5

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made from this document.

APPROVED 30 MAR 62 REVISED (H) FOR CHANGES SEE SHEET 1