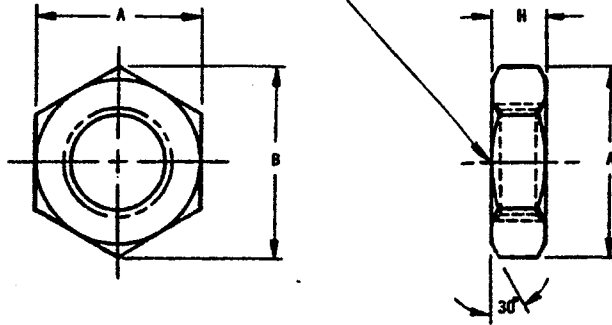


THREAD T SPECIFICATION
MIL-S-7742 CSK 110° TO
OO OF THREAD BOTH SIDES



REVIEWER SYMBOLS:
ARMY - AR
AIR FORCE - 02
DLA - IS

NOTICE: When Government drawings, specifications or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data in no way constitutes an authorization or conveying any rights or permission to manufacturers, users, or any other person to reproduce, copy, or in any way to disseminate or otherwise use the same, or to sell any patented invention that may in any way be related thereto.

AN PART NO.	THREAD T	ULTIMATE TENSILE STRENGTH MINIMUM POUNDS	A	B APPROX	H
AN316-4	1/4-28UNF-3B	2,040	.438 ^{+0.002} / _{-0.010}	1/2	1/8
AN316-5	5/16-24UNF-3B	3,250	.500 ^{+0.002} / _{-0.010}	37/64	5/32
AN316-6	3/8-24UNF-3B	5,050	.563 ^{+0.002} / _{-0.010}	21/32	3/16
AN316-7	7/16-20UNF-3B	6,800	.625 ^{+0.002} / _{-0.011}	23/32	7/32
AN316-8	1/2-20UNF-3B	9,250	.750 ^{+0.002} / _{-0.012}	7/8	1/4
AN316-9	9/16-18UNF-3B	11,800	.875 ^{+0.002} / _{-0.012}	1- 1/64	9/32
AN316-10	5/8-18UNF-3B	15,050	1.000 ^{+0.002} / _{-0.014}	1- 5/32	5/16
AN316-12	3/4-16UNF-3B	22,000	1.125 ^{+0.002} / _{-0.016}	1-19/64	3/8
AN316-14	7/8-14UNF-3B	30,000	1.313 ^{+0.002} / _{-0.017}	1-33/64	7/16
(a) AN316-16	1-14 NF-3	40,350	1.500 ^{+0.002} / _{-0.019}	1-47/64	1/2
AN316-18 (a)	1-12UNF-3B	40,350	1.500 ^{+0.002} / _{-0.019}	1-47/64	1/2

(a) PART NO. AN316-16 INACTIVE FOR DESIGN AFTER 30 OCT 64. USE AN316-18 FOR NEW DESIGN. FOR SIZES SMALLER THAN 1/4, USE NUT AN315.

NOTES:

- (11) 1. MATERIAL: STEEL, 300 SERIES CORROSION-RESISTANT STEEL. SEE PROCUREMENT SPECIFICATION. (400 SERIES CRES INACTIVE FOR DESIGN AFTER 1 JAN 1992).
2. FINISH: STEEL-CADMIUM PLATE IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 2. PARTS WITH CLASS 3 PLATING MAY BE FURNISHED FROM SUPPLIER'S STOCK UNTIL 1 JANUARY 1975. CORROSION RESISTANT STEEL-PASSIVATE IN ACCORDANCE WITH QQ-P-35.
3. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS; ± 1/64, ANGLES; ± 1°.
4. REMOVE ALL BURRS.
5. EXAMPLES OF PART NUMBERS: AN316-7R = NUT, STEEL, 7/16-20UNF-3, RIGHT HAND THREAD.
AN316-7L = NUT, STEEL, 7/16-20UNF-3, LEFT HAND THREAD.
AN316C7L = NUT, CORROSION-RESISTANT STEEL, 7/16-20UNF-3, LEFT HAND THREAD.
6. ADD "C" IN PLACE OF DASH NUMBER FOR CORROSION-RESISTANT STEEL NUTS.
ADD "R" AFTER DASH NUMBER FOR RIGHT HAND THREAD.
ADD "L" AFTER DASH NUMBER FOR LEFT HAND THREAD.
- (11) 7. 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.
- (11) 8. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THIS 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.

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NOTE: This drawing was approved by joint action of the Air Force and Navy Procurement as the Air Force - Navy standard for this product. This drawing supersedes all subsequent standard drawings for the same product and shall become effective for the procurement of administrative supplies, or for use in new design, no later than 6 months after the latest date of approval shown.
ANSC N/A

P.A.
NAVY - AS
CUSTODIANS:
ARMY - AV
NAVY - AS
AIR FORCE - 99

AIR FORCE-NAVY AERONAUTICAL STANDARD

NUT, JAM, HEXAGON

AN316

PROCUREMENT SPECIFICATION
FF-N-836

SUPERSEDES FORMER USAF AND NAVY STANDARD ISSUE OF AN316

SHEET 1 OF 1