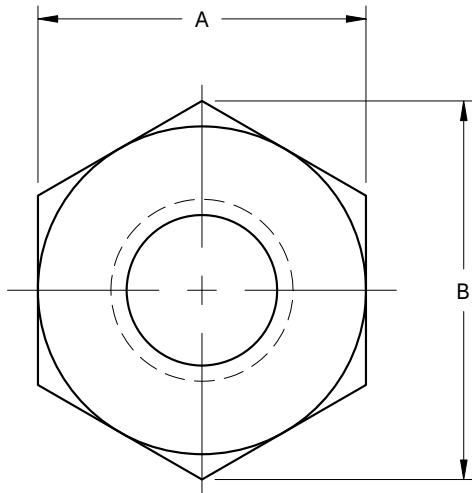
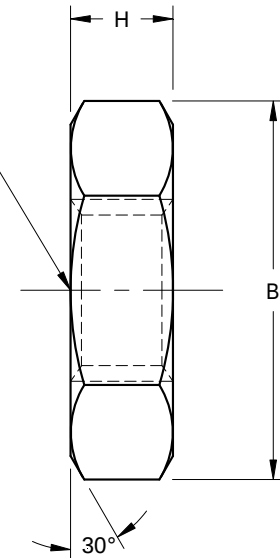


FED.SUPPLY CLASS

5310



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



②

TABLE I – DIMENSIONS AND STRENGTH VALUES

BASIC PART NUMBER	T THREAD	A	B APPROX	H	ULTIMATE TENSILE STRENGTH LBF MIN
AN316-4	.2500-28 UNF-3B	.438 +.002 -.010	.500	.125	2,040
AN316-5	.3125-24 UNF-3B	.500 +.002 -.010	.578	.156	3,250
AN316-6	.3750-24 UNF-3B	.563 +.002 -.010	.656	.188	5,050
AN316-7	.4375-20 UNF-3B	.625 +.002 -.011	.719	.219	6,800
AN316-8	.5000-20 UNF-3B	.750 +.002 -.012	.875	.250	9,250
AN316-9	.5625-18 UNF-3B	.875 +.002 -.012	1.016	.281	11,800
AN316-10	.6250-18 UNF-3B	1.000 +.002 -.014	1.156	.313	15,050
AN316-12	.7500-16 UNF-3B	1.125 +.002 -.016	1.297	.375	22,000
AN316-14	.8750-14 UNF-3B	1.313 +.002 -.017	1.516	.438	30,000
/9/ AN316-16	1.0000-14 UNF-3	1.500 +.002 -.019	1.734	.500	40,350
/9/ AN316-18	1.0000-12 UNF-3B	1.500 +.002 -.019	1.734	.500	40,350

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES AN316, REVISION 11. PART NUMBERS REMAIN AN316.

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	FF-N-836

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	NUT, JAM, HEXAGON

REVISION	2
CLASSIFICATION PART STANDARD	AN316
SHEET 1 OF 2	

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 12-01

REVISION DATE: JUNE 30, 2014

ISSUE DATE: AUGUST 1998

MATERIAL:

STEEL OR 300 SERIES CORROSION-RESISTANT STEEL. SEE PROCUREMENT SPECIFICATION. /10/ (2)

FINISH:

STEEL - CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 2. /11/ (2)
CRES - PASSIVATE IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

CODE:

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.

EXAMPLES OF PART NUMBERS:

- (2) AN316-7R = NUT, STEEL, .4375-20 UNF-3, RIGHT HAND THREAD.
AN316-7L = NUT, STEEL, .4375-20 UNF-3, LEFT HAND THREAD.
AN316C7L = NUT, CORROSION-RESISTANT STEEL, .4375-20 UNF-3, LEFT HAND THREAD.

NOTES:

- (2) (1) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .016$, ANGLES $\pm 1^\circ$.
(2) REMOVE ALL BURRS AND SHARP EDGES.
(3) DIMENSIONS APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
(4) DIMENSIONS IN INCHES.
(5) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
(2) (6) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
(7) DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
(8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
(2) /9/ PART NO. AN316-16 INACTIVE FOR DESIGN AFTER 30 OCT 64. USE AN316-18 FOR NEW DESIGN. FOR SIZES SMALLER THAN .2500, USE NUT AN315.
(2) /10/ 400 SERIES CRES INACTIVE FOR DESIGN AFTER 1 JAN 1992.
(2) /11/ PARTS WITH CLASS 3 PLATING MAY BE FURNISHED FROM SUPPLIERS STOCK UNTIL 1 JANUARY 1975.

REVISION

2

NAS316
SHEET 2



Document Sharing Hub

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