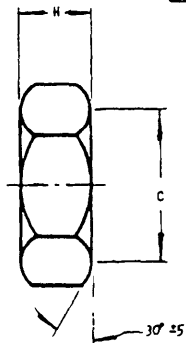
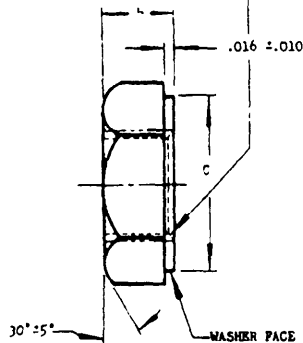
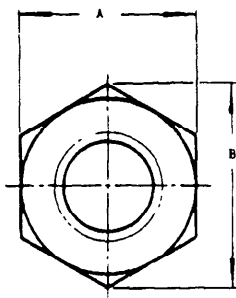


Project No 5310-0541

FSC 5310



COUNTERSINK 110° TO OD OF THREAD,
 THREAD T, SPECIFICATION MIL-S-7742

OPTIONAL CHAMFER
 IN LINE OF WASHER FACE

AN PART NUMBERS				(a) THREAD T	(b) A		(c) B REF	C DIA		(d) H	
ALLOY STEEL	CORROSION- RESISTANT STEEL	BRASS	(f) ALUMINUM ALLOY		MAX	MIN		MAX	MIN	MAX	MIN
AN340-2	AN340C2	A340B2	AN340D2	NO 2-56 NC-2B	.188	.180	.217	.188	.169	.066	.057
AN340-3	AN340C3	A340B3		NO 3-48 NC-2B	.188	.180	.217	.188	.169	.066	.057
AN340-4	A340C4	AN340B4		NO 4-40 NC-2B	.250	.241	.289	.250	.225	.098	.087
A340-5	A340C5	A340B5	AN340D5	NO 5-40 NC-2B	.313	.302	.362	.313	.282	.114	.102
AN340-6	AN340C6	A340B6		NO 6-32 NC-2B	.313	.302	.362	.313	.282	.114	.102
AN340-8	AN340C8	A340B8		NO 8-32 NC-2B	.344	.332	.398	.344	.310	.130	.117
AN340-10	AN340C10	AN340B10	AN340D10	NO 10-24 NC-2B	.375	.363	.433	.375	.338	.130	.122
AN340-1/4	AN340C1/4	AN340B1/4	AN340D1/4	1/4-20 UNC-2B	.438	.423	.506	.438	.394	.193	.178
AN340-5/16	AN340C5/16	AN340B5/16	AN340D5/16	5/16-18 UNC-2B	.563	.545	.650	.563	.507	.235	.208
AN340-3/8	AN340C3/8	AN340B3/8	AN340D3/8	3/8-16 UNC-2B	.625	.607	.723	.625	.563	.252	.229

- (a) CLASS 2 THREADS MAY BE SUBSTITUTED FOR CLASS 2H THREADS UNTIL EXISTING STOCKS OF THE NUTS WITH CLASS 2 THREADS ARE EXHAUSTED
- (b) FOR ALUMINUM-ALLOY NUTS, TOLERANCES ON A MAY CONFORM TO APPLICABLE MATERIAL SPECIFICATIONS FOR BAR AND ROD
- (c) REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES ONLY AND ARE NOT AN INSPECTION REQUIREMENT
- (d) THE H DIMENSION SHALL BE MEASURED AT A POINT APPROXIMATELY HALFWAY BETWEEN THE MINOR DIAMETER OF THE HOLE AND THE FLAT OF THE NUT
- (e) NO 10, 1/4, 5/16, AND 3/8 SIZES ARE NOT RECOMMENDED FOR NEW DESIGN
- (f) ALUMINUM-ALLOY NUTS INACTIVE FOR DESIGN AFTER 19 JULY 1955
 FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO 337
- MATERIAL STEEL, 50,000 PSI TENSILE STRENGTH, MINIMUM, COMMERCIAL GRADE
 CORROSION-RESISTANT STEEL, SPECIFICATION AN-QQ-C-770, CONDITION QT, CLASS II (L31) OR SPECIFICATION MIL-S-7720
 COMPOSITION FN (303)
 BRASS, COMMERCIAL GRADE,
 (f) ALUMINUM ALLOY, SPECIFICATION QQ-A-268 OR SPECIFICATION QQ-A-355
- HEAT-TREAT (f) ALUMINUM ALLOY, 62,000 PSI TENSILE STRENGTH, MINIMUM, SPECIFICATION MIL-H-6089
- 5 FINISH STEEL, CADMIUM PLATE, SPECIFICATION QQ-P-116, TYPE I, CLASS 2
 CORROSION-RESISTANT STEEL, PASSIVATE
 BRASS, NONE
 (f) ALUMINUM ALLOY, ANODIZE, SPECIFICATION MIL-A-8625.
- NUTS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS OR SLIVERS WHICH MIGHT BECOME DISLOADED UNDER USAGE

DIMENSIONS IN INCHES

IN CASE OF CONFLICT, THE REQUIREMENTS SPECIFIED HEREON SHALL TAKE PRECEDENCE OVER THE REQUIREMENTS SPECIFIED IN SPECIFICATION MIL-S-933

INACTIVE FOR DESIGN AFTER 2 MARCH 1967. USE MS35649

5 CANCELED IN PART AFTER 30 Sep 70 ALL DASH NUMBERS CANCELED IN ALL MATERIALS EXCEPT DASH NUMBERS 3 AND 5 IN ALL MATERIALS SEE INTERCHANGEABILITY TABLE ON MS35649 FOR SUBSTITUTIVE PARTS.

PROCUREMENT
 SPECIFICATION
 MIL-S-933

AIR FORCE-NAVY AERONAUTICAL STANDARD
 NUT, PLAIN, HEXAGON, NON-STRUCTURAL,
 COARSE THREAD

AN340

SUPERSEDES FORMER AIR FORCE AND
 NAVY STANDARD ISSUES OF AN340

APPROVED 15 Jul 43 REVISED 12 Jan 44 17 Apr 45 30 Jan 56 30 Sep 1970

DATE SYMBOLS

REVIEW SYMBOLS
 USAF - 82
 NAVY - AS
 DSA - 45
 ARMY - EL

"Review/Use" information is current as of the date of this document
 For future coordination of changes to this document, draft circulation
 should be based on the information in the current 800133."

This military standard is mandatory for use by all Departments
 & Agencies of the Department of Defense. Selection for all new
 engineering and design applications and for repetitive use shall
 be made from this document

NOTICE
OF VALIDATION

INCH POUND
AN340
NOTICE 1
01 November 1989

MILITARY SPECIFICATION SHEET

NUT, PLAIN, HEXAGON, NON-STRUCTURAL, COARSE THREAD

AN340 Rev5, dated 30 Sep 1970, remains inactive for new design, however, the document is valid for acquisition when needed.

Preparing activity
Navy-AS

AMSC N/A
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