



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	AN340D3	NO 3-48 NC-2B	.188	.180	.217	.188	.169	.066	.057
AN340-4	A340C4	AN340B4	AN340D4	NO 4-40 NC-2B	.250	.241	.289	.250	.225	.098	.087
AN340-5	A340C5	AN340B5	AN340D5	NO 5-40 NC-2B	.313	.302	.362	.313	.282	.111	.102
AN340-6	A340C6	A340B6	AN340D6	NO 6-32 NC-2B	.313	.302	.362	.313	.282	.111	.102
AN340-8	AN340C8	A340B8	AN340D8	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	.733	.625	.563	.257	.239

- (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 1, 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 DISLOOGED 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

3 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	AN340
	NUT, PLAIN, HEXAGON, NON-STRUCTURAL, COARSE THREAD	

SUPERSEDES FORMER AIR FORCE AND NAVY STANDARD ISSUES OF AN340

DATE SYMBOLS  
 REVIEWER SYMBOLS  
 USAF - 82  
 DSA - 45  
 NAVY - AS  
 ARMY - EL

"Review/user 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."

The 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.

APPROVED 15 Jul 63 REVISED 12 Jan 64 17 Apr 65 30 Sep 1970

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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