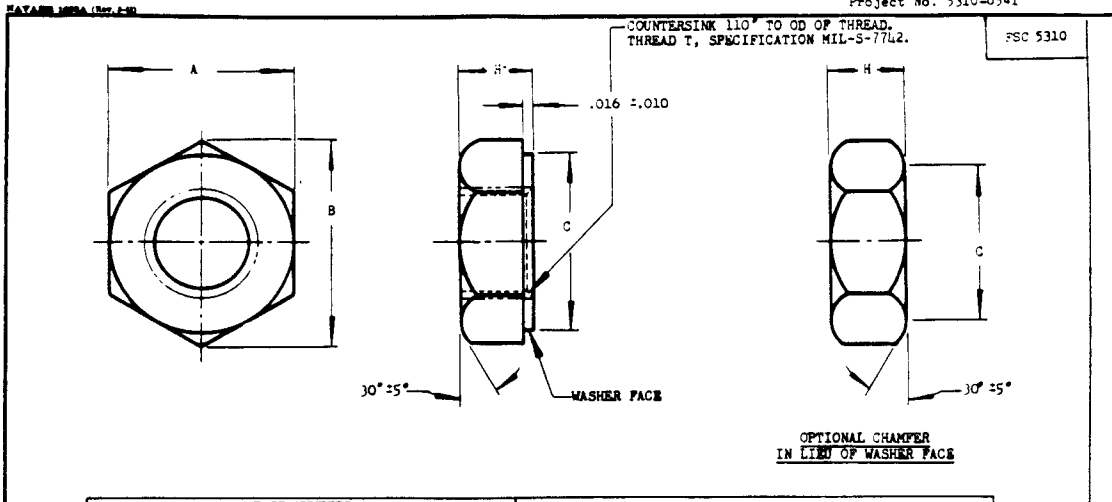


REVISION SYMBOLS:
 NAVY - AS
 ARMY - EL
 USAF - BZ
 DSA - IS

USER SYMBOLS:
 USAF - BZ
 DSA - IS

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.



AN PART NUMBERS				(f) ALUMINUM ALLOY	(a) THREAD T	(b) A		(c) B REP	C DIA		(d) H	
ALLOY STEEL	CORROSION-RESISTANT STEEL	BRASS	MAX			MIN	MAX		MIN	MAX	MIN	
AN340-2	AN340C2	AN340B2	ALUMINUM ALLOY	NO. 2-56 NC-2B	.188	.180	.217	.188	.169	.066	.057	
AN340-3	AN340C3	AN340B3		NO. 3-48 NC-2B	.188	.180	.217	.188	.169	.066	.057	
AN340-4	AN340C4	AN340B4		NO. 4-40 NC-2B	.250	.241	.289	.250	.225	.098	.087	
AN340-5	AN340C5	AN340B5		NO. 5-40 NC-2B	.313	.302	.362	.313	.282	.114	.102	
AN340-6	AN340C6	AN340B6		NO. 6-32 NC-2B	.313	.302	.362	.313	.282	.114	.102	
AN340-8	AN340C8	AN340B8		NO. 8-32 NC-2B	.344	.332	.398	.344	.310	.130	.117	
AN340-10	AN340C10	AN340B10		NO. 10-32 NC-2B	.375	.363	.433	.375	.338	.130	.117	
AN340-1/4	AN340C1/4	AN340B1/4		NO. 1/4-20 UNC-2B	.438	.423	.506	.438	.394	.150	.139	
AN340-5/16	AN340C5/16	AN340B5/16		NO. 5/16-18 UNC-2B	.563	.545	.650	.563	.507	.185	.168	
AN340-3/8	AN340C3/8	AN340B3/8		NO. 3/8-16 UNC-2B	.635	.607	.733	.635	.563	.257	.239	

- (a) CLASS 2 THREADS MAY BE SUBSTITUTED FOR CLASS 2B 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-S-770, CONDITION QT, CLASS II (431) OR SPECIFICATION MIL-S-7720. COMPOSITION FM (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.

FINISH: STEEL, CADMIUM PLATE, SPECIFICATION QQ-P-416, 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 DISLODGED 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

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

APPROVED 15 Jul 63 REVISED 1 12 Jan 64 2 17 Apr 65 3 19 Jan 66 4 2 New 67 5 30 Sep 1970
 AMO 9-5