



AN PART NO.	THREAD T	ULTIMATE TENSILE STRENGTH MINIMUM POUNDS		(a) A	B APPROX	H
		STEEL	AL ALLOY			
AN315-640	NO. 6-40UNF-3B	-	-	.313 <sup>+</sup> .002 -.010	23/64	7/64
AN315-3	NO. 10-32UNF-3B	2 210	1 100	.375 <sup>+</sup> .002 -.010	7/16	9/64
AN315-4	1/4 -28UNF-3B	4 080	2 030	.438 <sup>+</sup> .002 -.010	1/2	3/16
AN315-5	5/16 -24UNF-3B	6 500	3 220	.500 <sup>+</sup> .002 -.010	37/64	15/64
AN315-6	3/8 -24UNF-3B	10 100	5 020	.563 <sup>+</sup> .002 -.010	21/32	9/32
AN315-7	7/16 -20 UNF-3B	13 600	6 750	.625 <sup>+</sup> .002 -.011	23/32	21/64
AN315-8	1/2 -20UNF-3B	18 500	9 180	.750 <sup>+</sup> .002 -.012	7/8	3/8
AN315-9	9/16 -18UNF-3B	23 600	11 700	.875 <sup>+</sup> .002 -.012	1- 1/64	27/64
AN315-10	5/8 -18UNF-3B	30 100	14 900	1.000 <sup>+</sup> .002 -.012	1- 5/32	15/32
AN315-12	3/4 -16UNF-3B	44 000	21 800	1.125 <sup>+</sup> .002 -.016	1-19/64	5/8
AN315-14	7/8 -14UNF-3B	60 000	29 800	1.313 <sup>+</sup> .002 -.017	1-33/64	21/32
AN315-15	1 -12UNF-3B	80 700	40 000	1.500 <sup>+</sup> .002 -.019	1-47/64	3/4
(b) AN315-16	1 -14NF-3	80 700	40 000	1.500 <sup>+</sup> .002 -.019	1-47/64	3/4
AN315-18	1-1/8-12UNF-3B	101 800	50 500	1.688 <sup>+</sup> .002 -.021	1-61/64	13/16
AN315-20	1-1/4-12UNF-3B	130 200	64 400	1.875 <sup>+</sup> .002 -.023	2-11/64	7/8

- (a) FOR ALUMINUM-ALLOY NUTS LARGER THAN -5 SIZE, TOLERANCES ON DIMENSION "A" MAY CONFORM TO APPLICABLE MATERIAL SPECIFICATIONS FOR BAR AND ROD.  
(b) 1-14NF THREAD SIZE INACTIVE FOR DESIGN AFTER 27 MARCH 1967

- 10 MATERIAL STEEL, ALUMINUM-ALLOY, AND CORROSION-RESISTANT STEEL. SEE PROCUREMENT SPECIFICATION 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.

ALUMINUM-ALLOY-ANODIZE IN ACCORDANCE WITH MIL-A-8625, TYPE II.  
CORROSION RESISTANT STEEL-PASSIVATE IN ACCORDANCE WITH QQ-P-35.

ADD C BEFORE DASH NUMBER FOR CORROSION-RESISTANT STEEL NUTS.  
ADD D BEFORE DASH NUMBER FOR ALUMINUM-ALLOY NUTS.  
ADD R AFTER DASH NUMBER FOR RIGHT-HAND THREAD.  
ADD L AFTER DASH NUMBER FOR LEFT-HAND THREAD.

EXAMPLES OF PART NO. AN315-7L=STEEL NUT, 7/16-20UNF-3B, LEFT HAND THREAD.  
AN315D7R=ALUMINUM-ALLOY NUT, 7/16-20UNF-3B, RIGHT HAND THREAD.  
AN315C7R=CORROSION-RESISTANT STEEL NUT, 7/16-20UNF-3B, RIGHT-HAND THREAD.  
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS  $\pm 1/64$ , DECIMALS  $\pm .010$ .  
ANGLES  $\pm 1^\circ$

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.  
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID

PROCUREMENT  
SPECIFICATION

FF-N-836

AIR FORCE-NAVY AERONAUTICAL STANDARD

NUT, PLAIN, HEXAGON, AIRFRAME

SUPERSEDES FORMER USAF AND NAVY STANDARD ISSUES OF AN315

AN315

SHEET 1 OF 1

APPROVED 8 JUL 43  
REVISED 10 29 DEC 72

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NOTE: This drawing was prepared by joint action of the Air Force and Navy Departments as the Air Force Navy standard. This drawing is a joint effort of the Air Force and Navy Departments and shall be used for the procurement of parts with 1 inch or less in size. It is not to be used for parts larger than 1 inch in size.

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