



NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government is a contractor, manufacturer, retailer, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any way endorsing, recommending, or favoring any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

AN PART NO.	THREAD T	ULTIMATE TENSILE STRENGTH MINIMUM POUNDS		(a)	B APPROX	H
		STEEL	AL ALLOY			
AN315-640	NO. 6-40UNF-3B	-	-	.313 ⁺ _{-.010}	23/64	7/64
AN315-3	NO. 10-32UNF-3B	2 210	1 100	.375 ⁺ _{-.010}	7/16	9/64
AN315-4	1/4 -28UNF-3B	4 080	2 030	.438 ⁺ _{-.010}	1/2	3/16
AN315-5	5/16 -24UNF-3B	6 500	3 220	.500 ⁺ _{-.010}	37/64	15/64
AN315-6	3/8 -24UNF-3B	10 100	5 020	.563 ⁺ _{-.010}	21/32	9/32
AN315-7	7/16 -20 UNF-3B	13 600	6 750	.625 ⁺ _{-.011}	23/32	21/64
AN315-8	1/2 -20UNF-3B	18 500	9 180	.750 ⁺ _{-.012}	7/8	3/8
AN315-9	9/16 -18UNF-3B	23 600	11 700	.875 ⁺ _{-.012}	1- 1/64	27/64
AN315-10	5/8 -18UNF-3B	30 100	14 900	1.000 ⁺ _{-.014}	1- 5/32	15/32
AN315-12	3/4 -16UNF-3B	44 000	21 800	1.125 ⁺ _{-.016}	1-19/64	5/8
AN315-14	7/8 -14UNF-3B	60 000	29 800	1.313 ⁺ _{-.017}	1-33/64	21/32
AN315-15	1 -12UNF-3B	80 700	40 000	1.500 ⁺ _{-.019}	1-47/64	3/4
(b) AN315-16	1 -14NF-3	80 700	40 000	1.500⁺_{-.019}	1-47/64	3/4
AN315-18	1-1/8-12UNF-3B	101 800	50 500	1.688 ⁺ _{-.021}	1-61/64	13/16
AN315-20	1-1/4-12UNF-3B	130 200	64 400	1.875 ⁺ _{-.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 OTHERSIES 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.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard drawing. This drawing is not to be used for procurement of standard drawings for the same product of the same schedule for the procurement of aeronautical supplies, or for use in new designs, not later than 6 months after the latest date of approval shown.

PROCUREMENT SPECIFICATION FF-N-836	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN315
	NUT, PLAIN, HEXAGON, AIRFRAME	
	SUPERSEDES FORMER USAF AND NAVY STANDARD ISSUES OF AN315	
		SHEET 1 OF 1

APPROVED 8 JUL 43
REVISED 10 29 DEC 72

AM10 9-5