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| AN PART NO. | THREAD T | ULTIMATE TENSILE STRENGTH MINIMUM POUNDS | | (a) | B APPROX | H |
|--------------|----------------------|--|-------------------|--|--------------------|----------------|
| | | STEEL | AL ALLOY | | | |
| AN315-640 | NO. 6-40UNF-3B | - | - | .313 ⁺ .002 -.010 | 23/64 | 7/64 |
| AN315-3 | NO. 10-32UNF-3B | 2 210 | 1 100 | .375 ⁺ .002 -.010 | 7/16 | 9/64 |
| AN315-4 | 1/4 -28UNF-3B | 4 080 | 2 030 | .438 ⁺ .002 -.010 | 1/2 | 3/16 |
| AN315-5 | 5/16 -24UNF-3B | 6 500 | 3 220 | .500 ⁺ .002 -.010 | 37/64 | 15/64 |
| AN315-6 | 3/8 -24UNF-3B | 10 100 | 5 020 | .563 ⁺ .002 -.010 | 21/32 | 9/32 |
| AN315-7 | 7/16 -20 UNF-3B | 13 600 | 6 750 | .625 ⁺ .002 -.011 | 23/32 | 21/64 |
| AN315-8 | 1/2 -20UNF-3B | 18 500 | 9 180 | .750 ⁺ .002 -.012 | 7/8 | 3/8 |
| AN315-9 | 9/16 -18UNF-3B | 23 600 | 11 700 | .875 ⁺ .002 -.012 | 1- 1/64 | 27/64 |
| AN315-10 | 5/8 -18UNF-3B | 30 100 | 14 900 | 1.000 ⁺ .002 -.014 | 1- 5/32 | 15/32 |
| AN315-12 | 3/4 -16UNF-3B | 44 000 | 21 800 | 1.125 ⁺ .002 -.016 | 1-19/64 | 5/8 |
| AN315-14 | 7/8 -14UNF-3B | 60 000 | 29 800 | 1.313 ⁺ .002 -.017 | 1-33/64 | 21/32 |
| AN315-15 | 1 -12UNF-3B | 80 700 | 40 000 | 1.500 ⁺ .002 -.019 | 1-47/64 | 3/4 |
| (b) AN315-16 | 1 -14NF-3 | 80 700 | 40 000 | 1.500⁺.002 -.019 | 1-47/64 | 3/4 |
| AN315-18 | 1-1/8-12UNF-3B | 101 800 | 50 500 | 1.688 ⁺ .002 -.021 | 1-61/64 | 13/16 |
| AN315-20 | 1-1/4-12UNF-3B | 130 200 | 64 400 | 1.875 ⁺ .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.

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 Air Force-Navy 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.

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|---|--|--------------|
| 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 |

29 DEC 72
 REVISED 10

APPROVED 8 JUL 43

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