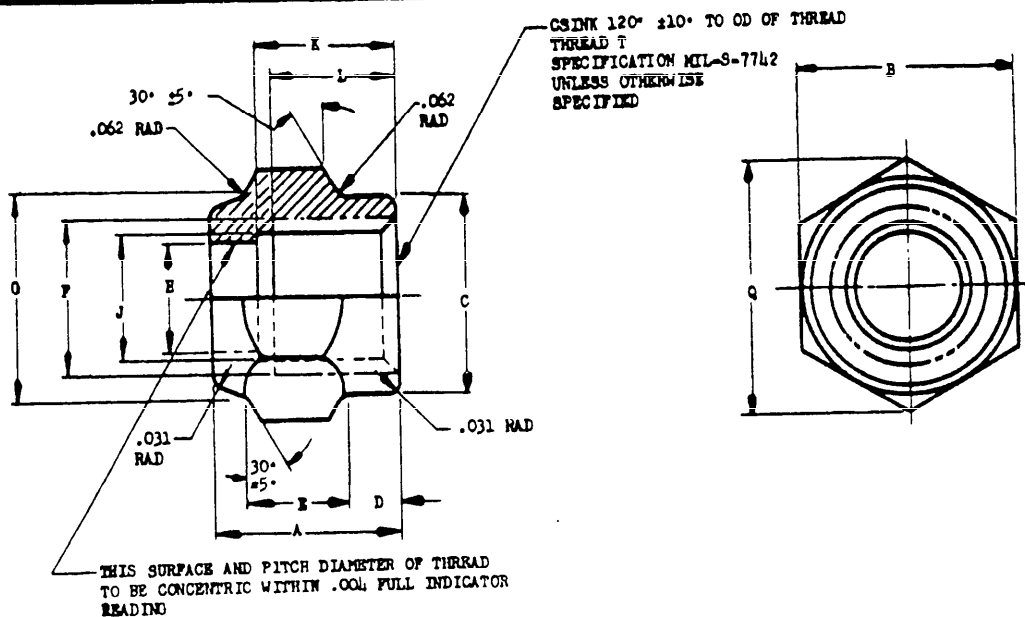


14. This drawing was approved by joint orders of the Air Force and Navy Departments as the standard for this product. The drawing represents an antecedent standard drawing for the same product, and is intended to be used by the manufacturer as a guide in the design and construction of the product. It is not intended to be used as a basis for the design of the product, and is not intended to be used as a basis for the design of the product.



DASH NO.		TUBE DIA	THREAD T	⑦ A ±.015	B	C IN A	⑦ D REF	⑦ E ±.015	F IN A	G IN A	H +.004 -.000 DIA	J IN A	K	L	P PITCH DIA	Q REF	WEIGHT MAX		
BRASS	COR RES STL																BRASS	COR RES STL	
2	C2	.125	5/16-32 REF-3B	.436	.375 +.003 -.004	(d) .375		.344	.312	.375	.173 +.004 -.000	.279 +.004 -.000	.281	.234				.43	
3	C3	.188	3/8-24 UNF-3B	.500	.438 +.003 -.004	(d) .438		.406	.375	.438	.257 +.006 -.000	.330 +.006 -.000	.328	.281				.51	
4	C4	.250	7/16-20 UNF-3B	.500	.562 ±.004	.531	.156	.250	.438	.500	.316 +.005 -.000	.385 +.005 -.000	.375	.312				.65	
5	C5	.312	1/2-20 UNF-3B	.531	.625 ±.004	.594			.531	.594	.379 +.006 -.000	.447 +.006 -.000	.406	.344				.72	
6	C6	.375	5/8-18 UNF-3B	.562	.750 ±.004	.719	.188	.281	.625	.719	.473 +.008 -.000	.565 +.008 -.000	.438	.375				.87	
8	C8	.500	3/4-16 UNF-3B	.688	.875 ±.004	.844	.219	.344	.750	.875	.598 +.008 -.000	.682 +.008 -.000	.531	.438				1.01	
10	C10	.625	15/16-14 NS-3	.812	1.062 ±.005	1.062	.250	.438	.938	1.062	.719 +.004 -.000	.848 +.004 -.000	.625	.531	.8911 +.0036 -.0000			1.23	
12		.750	1-1/8-12 UNF-3B	.875	1.250 ±.005	1.250			.531	1.062	1.250	.863 +.009 -.000	1.305 +.009 -.000	.719				1.44	
16		1.000	1-1/2-12 UNF-3B	1.000	1.750 ±.016	1.688	.312	.562	1.500	1.750	1.140 +.009 -.000	1.410 +.009 -.000	.750	.625			2.02		

- (a) INACTIVE FOR DESIGN AFTER 23 NOVEMBER 1942.
(b) INACTIVE FOR DESIGN AFTER 9 MAY 1947 EXCEPT FOR OXYGEN SYSTEMS AND ENGINE PRIMER LINES.
(c) DASH NO. 5, 6, 8, 10, ARE NOT TO BE USED ON ENGINE PRIMER LINES.
(d) DIAMETER OF 30° CHAMFER AT END.

MATERIAL: BRASS; BARS, SHAPES, OR FORGINGS.
CORROSION-RESISTANT STEEL; BARS, SHAPES, OR FORGINGS.
SEE PROCUREMENT SPECIFICATION.

FINISH: SEE PROCUREMENT SPECIFICATION.

ADD P BEFORE DASH NO. FOR CADMIUM-PLATED BRASS NUT.

EXAMPLES OF PART NO.: AN805-4 = NUT-UNION, BRASS FOR .250 (4/16) TUBING OD.
AN805P4 = NUT-UNION, BRASS, CADMIUM PLATED FOR .250 (4/16) TUBING OD.
AN805C4 = NUT-UNION, CORROSION-RESISTANT STEEL FOR .250 (4/16) TUBING OD.

BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .005$, ANGLES $\pm 1/2^\circ$.

FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO. 337.

PROCUREMENT SPECIFICATION

AIR FORCE-NAVY AERONAUTICAL STANDARD

NUT, UNION

AN805