



	DASH NO.			TUBE OD	A DIA	B	O DIA	D +.000 -.004 DIA	P +.000 -.004 DIA	O	H	E DIA	N FLANGE RAD	WEIGHT MAX		
	BRASS	COR RES STEEL	NICKEL COPPER ALLOY											BRASS	COR RES STEEL	NICKEL COPPER ALLOY
(c)	2	G2	N2	.125	.1205		.076	.165	.265	.375		.125	.141			
	3			.188	.191	.150	.140	.250	.320	.434	.125	.172	.172			
	4			.250	.257	.188	.157	.312	.375	.500		.203	.203			
(d)	5			.312	.323		.219	.375	.437	.594		.244	.244			
	6			.375	.386	.219	.281	.440	.547	.719	.156	.328	.328			
	8			.500	.516	.250	.406	.594	.672	.906	.188	.453	.422			
(b)	10			.625	.641	.281	.531	.715	.844	1.031	.219	.594	.548			
	12			.750	.766	.312	.625	.895	1.000	1.188	.250	.688	.649			
	16			1.000	1.020	.500	.875	1.125	1.375	1.625	.375	.994	.941			

- (a) SURFACES "S" MUST RUN TRUE WITH EACH OTHER WITHIN .002 FULL INDICATOR READING.
- (b) INACTIVE FOR DESIGN AFTER 23 NOV 1942.
- (c) INACTIVE FOR DESIGN AFTER 9 MAY 1947 EXCEPT FOR OTHER SYSTEMS AND ENGINE PRIMER LINES.
- (d) DASH NOS. 5, 6, 8, 10 ARE NOT TO BE USED ON ENGINE PRIMER LINES.

- ⑤ MATERIAL: BRASS; BARS, SHAPES OR PYROTHOS.  
CORROSION RESISTANT STEEL; BARS, SHAPES OR PYROTHOS.  
NICKEL COPPER ALLOY; BARS, SHAPES OR PYROTHOS.  
SEE PROCUREMENT SPECIFICATION.

FINISH: SEE PROCUREMENT SPECIFICATION.

ADD P BEFORE DASH NO. FOR CADMIUM PLATED BRASS ORMS AND FOR CADMIUM PLATED NICKEL-COPPER ALLOY ORMS.

EXAMPLES OF PART NOS.: AN800-2 = CONE-UNION, BRASS, FOR .125 (2/16) TUBING OD.  
AN800P2 = CONE-UNION, BRASS, CADMIUM PLATED, FOR .125 (2/16) TUBING OD.  
AN800C2 = CONE-UNION, CORROSION RESISTANT STEEL, FOR .125 (2/16) TUBING OD.  
AN800N2 = CONE-UNION, NICKEL-COPPER ALLOY, FOR .125 (2/16) TUBING OD.  
AN800P2 = CONE-UNION, NICKEL-COPPER ALLOY, CADMIUM PLATED, FOR .125 (2/16) TUBING OD.

- ⑤ BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS WHICH MIGHT PROVE OBSTACLES WHEN USED.
- ⑤ DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS  $\pm .030$ , ANGLES  $\pm 1/2^\circ$ .

PROCUREMENT  
SPECIFICATION

HTS-X-6001

AIR FORCE-NAVY AERONAUTICAL STANDARD

CONE - UNION

AN800

APPROVED 23 Nov 42 REVISED ① 16 Dec 42 ② 26 Aug 44 ③ 9 May 47 ④ 3 Oct 47 ⑤ 1 Jun 54

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