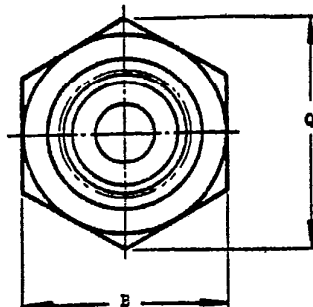


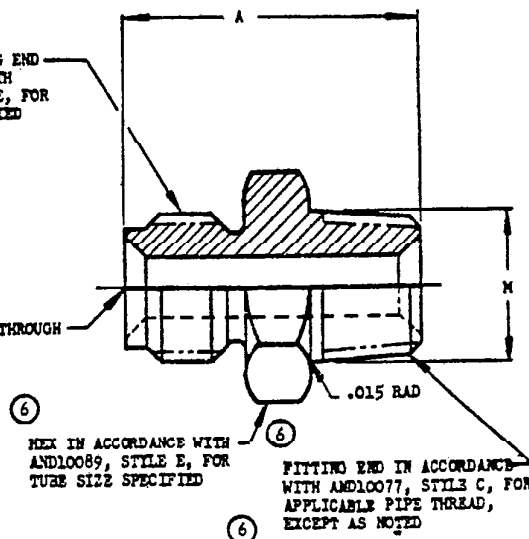
NOTE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever and the fact that the Government may have furnished, furnished, or may supply the said drawings, specifications, or other data is not to be regarded by implication, inference, or in any manner licensing the holder or any other person or corporation, or conferring any rights or permission to manufacture, use, or sell any product or invention that may in any way be related thereto.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all unrecorded standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval shown.



THREAD T, FITTING END
IN ACCORDANCE WITH
AND10089, STYLE E, FOR
TUBE SIZE SPECIFIED

⑥
DRILL J DIA THROUGH



⑥
KEY IN ACCORDANCE WITH
AND10089, STYLE E, FOR
TUBE SIZE SPECIFIED

⑥
FITTING END IN ACCORDANCE
WITH AND10077, STYLE C, FOR
APPLICABLE PIPE THREAD,
EXCEPT AS NOTED

	DASH NO.		TUBING OD	THREAD S ANPT	THREAD T	A	B	J ±.005 DIA	M DIA	Q REF	WEIGHT MAX	
	BRASS	CORROSION- RESISTANT STEEL									BRASS	CORROSION- RESISTANT STEEL
(b)	2	C2	.125	1/8	5/16-32 NEF-3A	.812	.438	±.003	.406	.51	.625	
	3	C3	.168		3/8-24 UNF-3A	.938					.625	
	4	C4	.250		7/16-20 UNF-3A	1.000	.562				.65	.075
	5	C5	.312		1/2-20 UNF-3A	1.062	.625				.72	.085
(c)	6	C6	.375	1/4	5/8-18 UNF-3A	1.312	.750	±.004	.547	.87	.080	
	8	C8	.500	3/8	3/4-16 UNF-3A	1.500	.875		.672	1.01	.125	
	10	C10	.625	1/2	15/16-14 NS-3	1.750	.938		.814	1.09	.185	
	12		.750	3/4	1-1/8-12 UNF-3A	1.875	1.250	±.005	1.047	1.30	.270	
(a)	16		1.000		1-1/2-12 UNF-3A	1.875	1.750			2.02		

- (a) INACTIVE FOR DESIGN AFTER 23 NOVEMBER 1942.
- (b) INACTIVE FOR DESIGN AFTER 9 MAY 1947, EXCEPT FOR OXYGEN SYSTEM AND ENGINE PRIMER LINES.
- (c) DASH NUMBERS 5, 6, 8, AND 10 ARE NOT TO BE USED ON ENGINE PRIMER LINES.
INACTIVE FOR DESIGN AFTER 1 JUNE 1954, EXCEPT FOR USE IN OXYGEN SYSTEM AND ENGINE PRIMER LINES.

FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NUMBER 337.

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

FINISH: SEE PROCUREMENT SPECIFICATION.

ADD P BEFORE DASH NUMBER FOR CADMIUM-PLATED BRASS NIPPLE.

EXAMPLE OF PART NUMBERS: AN780-L = NIPPLE-UNION, BRASS, FOR .250 TUBING OD.
AN780PL = NIPPLE-UNION, BRASS, CADMIUM PLATED, FOR .250 TUBING OD.
AN780CL = NIPPLE-UNION, CORROSION-RESISTANT STEEL, FOR .250 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 ±.010, ANGLES ±1/2°.

PROCUREMENT
SPECIFICATION

MIL-F-6001

AIR FORCE-NAVY AERONAUTICAL STANDARD

NIPPLE, UNION

AN780

APPROVED 23 Nov 42 REVISED 1 9 May 47 2 3 Oct 47 3 28 Feb 49 4 9 Jun 50 5 1 Jun 54 6 23 Jul 56