

INCH-POUND

AN795 Rev 5
4 August 2011
SUPERSEDING
AN795 Rev 4
20 August 1956

DETAIL SPECIFICATION SHEET

TEE, UNION

Inactive for new design after 24 July 1998.

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-6001.

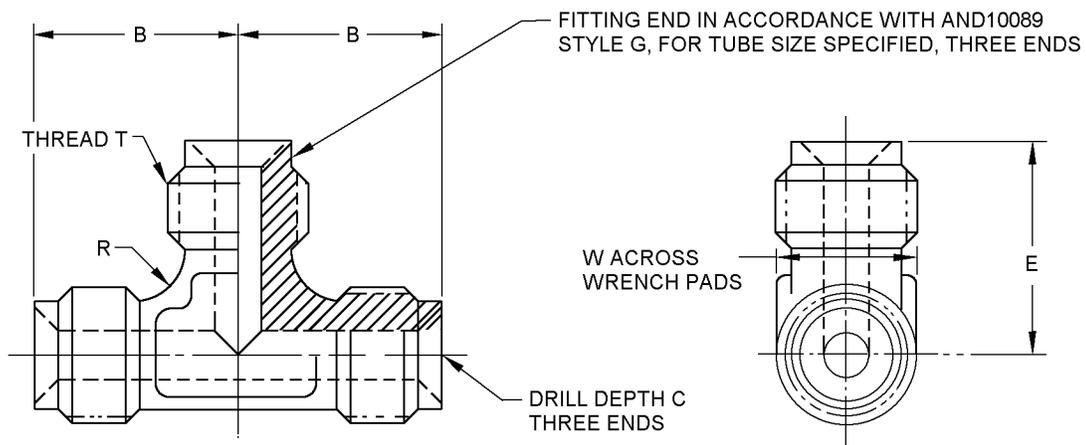


FIGURE 1. Tee, union.

TABLE I. Dash numbers and size. 1/ 2/

Dash number		Tubing outside diameter	Thread T AND10089	B +.047 -.000	C +.047 -.000	E +.047 -.000	R ±.015 Rad	W ±.015
Brass	Corrosion resistant steel							
2	C2	.125	.3125-32 UNEF-3A	.625	.625	.625	.062	.312
3	C3	.188	.3750-24 UNF-3A	.688	.688	.688		.375
4	C4	.250	.4375-20 UNF-3A	.750	.750	.750		.435
5	C5	.312	.5000-20 UNF-3A	.875	.875	.875	.094	
6	C6	.375	.6250-18 UNF-3A	1.000	1.000	1.000		.625
8	C8	.500	.7500-16 UNF-3A	1.188	1.188	1.188	.125	.750
10	C10	.625	.9375-14 NS-3	1.250	1.250	1.250		.938

TABLE I. Dash numbers and size – Continued. 1/ 2/

Dash number		Tubing outside diameter	Thread T AND10089	B +1.194 -.000	C +1.194 -.000	E +1.194 -.000	R ±.381 Rad	W ±.381
Brass	Corrosion resistant steel							
2	C2	3.175	.3125-32 UNEF-3A	15.875	15.875	15.875	1.575	7.925
3	C3	4.267	.3750-24 UNF-3A	17.475	17.475	17.475		9.525
4	C4	6.350	.4375-20 UNF-3A	19.050	19.050	19.050		11.125
5	C5	7.925	.5000-20 UNF-3A	22.225	22.225	22.225	2.388	
6	C6	9.525	.6250-18 UNF-3A	25.4	25.4	25.4		15.875
8	C8	12.700	.7500-16 UNF-3A	30.175	30.175	30.175	3.175	19.05
10	C10	15.875	.9375-14 NS-3	31.75	31.75	31.75		23.825

1/ Dimensions are in inches
 2/ Metric equivalents are given for information only.

REQUIREMENTS

Dimensions. See table I. Unless otherwise specified tolerances on decimals are ± 0.010 , angles $\pm 0.5^\circ$.

Configuration. See figure 1.

Dash numbers 2, 3 and 4 are inactive for new design except for use in oxygen systems and engine primer lines. Dash numbers 5, 6, 8 and 10 are inactive for new design and are not to be used on engine primer lines.

Materials: Brass; bars, shapes or forgings.
Corrosion – resistant steel; bars, shapes or forgings.
See procurement specification.

Finish: See procurement specification.

Identification of product. Add P before the dash number for cadmium – plated brass nipple.

AN795 X X
└─ Size
└─ Material, finish
└─ Drawing number

Example of Part or Identifying Number (PIN): AN795-4 tee – union, brass, for .250 tubing OD.
AN795P4 tee – union, brass, cadmium plated, for .250 tubing OD.
AN795C4 tee – union, corrosion resistant steel, for .250 tubing OD.

Workmanship. Break all sharp edges and remove all hanging burrs and slivers which might become dislodged under usage.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Referenced documents. In addition to MIL-DTL-6001, this document references the following:

AND10089

CONCLUDING MATERIAL

Custodians:
Army – AR
Navy – SH
Air Force - 99
DLA - CC

Preparing activity:
DLA - CC

(Project 4730-2010-183)

Review activities:
Army – AT, AV, CR4
Navy – AS, CG, MC, SA, YD
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.