



TOLERANCE UP TO AND INCLUDING -6 SIZE $\pm 2-1/2^\circ$
ABOVE -6 SIZE $\pm 1-1/2^\circ$

MATERIAL: STEEL - BARS, SHAPES OR FORGINGS.
ALUMINUM ALLOY - BARS, SHAPES OR FORGINGS.
TITANIUM ALLOY - BARS, SHAPES OR FORGINGS.
CORROSION RESISTANT STEEL - BARS, SHAPES OR FORGINGS.

FINISH: SEE PROCUREMENT SPECIFICATIONS.

NO CODE LETTER IN PART NUMBER FOR STEEL.
ADD D AFTER DASH NUMBER FOR ALUMINUM ALLOY (EXCEPT 7075-T73).
ADD J AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 304.
ADD K AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 316.
ADD S AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 347.
ADD T AFTER DASH NUMBER FOR TITANIUM.
ADD W AFTER DASH NUMBER FOR 7075-T73.

EXAMPLE OF PART NUMBERS:
AN824-4 - TEE, 1/4 TUBING, STEEL.
AN824-4D - TEE, 1/4 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).
AN824-8J - TEE, 1/2 TUBING, CORROSION RESISTANT STEEL, TYPE 304.
AN824-8K - TEE, 1/2 TUBING, CORROSION RESISTANT STEEL, TYPE 316.
AN824-8S - TEE, 1/2 TUBING, CORROSION RESISTANT STEEL, TYPE 347.
AN824-8T - TEE, 1/2 TUBING, TITANIUM.
AN924-8W - TEE, 1/2 TUBING, 7075-T73.

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

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS $\pm 1/64$, DECIMALS $\pm .005$, ANGLES $\pm 1/2^\circ$.

TITANIUM NOT TO BE USED IN OXYGEN SYSTEMS.

7 ENTIRE STANDARD REVISED

P. A. AIR FORCE - 82 Other Cust ARMY - AV NAVY - AS AIR FORCE - 99	INTERNATIONAL INTEREST	AIR FORCE - NAVY AERONAUTICAL STANDARD		AN824
		TEE - FLARED TUBE		
PROCUREMENT SPECIFICATION MIL - F - 5509	SUPERSEDES:			SHEET 1 OF 2

USER ACTIVITIES

REVIEWER ACTIVITIES
DLA-CS
ARMY-MI

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 13 DEC 40 REVISED 6 16 APRIL 82 7 5 OCT 83

USER ACTIVITIES

REVIEWER ACTIVITIES
DLA - CS
ARMY - MI

This military standard is approved for use by all Departments and Agencies of the Department of Defense
Selection for all new engineering and design applications and for repetitive use shall be made from this document

DASH NO.	TUBING OD	THREAD T (REF)	Q +.3/64 -0	U RAD	V +.005	W APPROX	X APPROX
2	1/8	5/16-24UNJF-3A	47/64	1/16	5/16	5/16	3/16
3	3/16	3/8 -24UNJF-3A	51/64		3/8	3/8	1/4
4	1/4	7/16-20UNJF-3A	55/64		7/16		
5	5/16	1/2 -20UNJF-3A	59/64	3/32	1/2	15/32	5/16
6	3/8	9/16-18UNJF-3A	1- 1/32		9/16	1/2	
8	1/2	3/4 -16UNJF-3A	1- 7/32		3/4	11/16	7/16
10	5/8	7/8 -14UNJF-3A	1-27/64	1/8	7/8	25/32	1/2
12	3/4	1-1/16-12UNJ -3A	1- 5/8		1- 1/16	29/32	
16	1	1-5/16-12UNJ -3A	1-25/32		1- 5/16	1- 3/32	5/8
20	1-1/4	1-5/8 -12UNJ -3A	2-1/32		1- 5/8	1- 5/16	3/4
24	1-1/2	1-7/8 -12UNJ -3A	2-19/64		1- 7/8	1- 1/2	7/8
28	1-3/4	2-1/4 -12UNJ -3A	2-25/32		2- 1/4	1-25/32	1-1/16
32	2	2-1/2 -12UNJ -3A	3- 1/32	3/16	2- 9/16	2- 1/32	1-3/16

7 ENTIRE STANDARD REVISED

P. A. AIR FORCE -82 Other Cust ARMY - AV NAVY - AS AIR FORCE -99	INTERNATIONAL INTEREST	AIR FORCE -NAVY AERONAUTICAL STANDARD		AN824
		TEE - FLARED TUBE		
PROCUREMENT SPECIFICATION MIL - F - 5509	SUPERSEDES:	SHEET 2 OF 2		

APPROVED 13 DEC 40 REVISED 7 FOR CHANGES SEE PAGES 1 & 2.