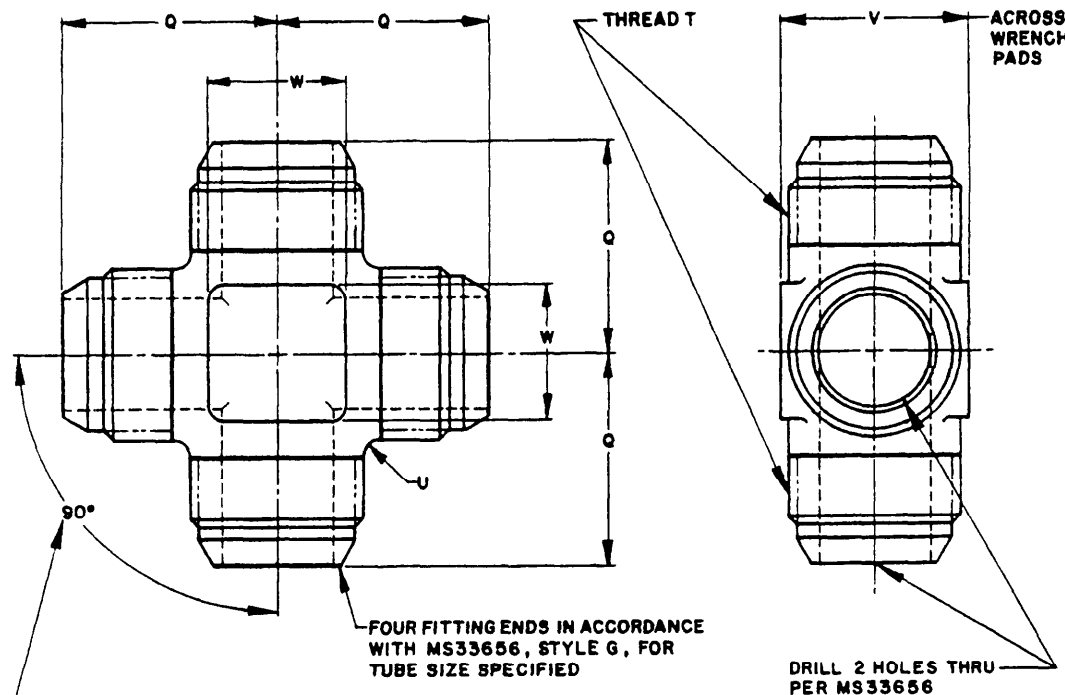


USER ACTIVITIES

REVIEWER ACTIVITIES

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.



MATERIAL: STEEL; BARS, SHAPES OR FORGING.
 ⑥ TITANIUM ALLOY; BARS, SHAPES OR FORGINGS.
 ALUMINUM ALLOY; BARS, SHAPES OR FORGINGS.
 CORROSION RESISTANT STEEL; BARS, SHAPES OR FORGINGS. SEE PROCUREMENT SPECIFICATION

FINISH: SEE PROCUREMENT SPECIFICATION.

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.
 ⑥ ADD T AFTER DASH NUMBER FOR TITANIUM.
 ADD W AFTER DASH NUMBER FOR 7075-T73.

EXAMPLE OF PART NUMBER:
 AN827-4 - CROSS, 1/4 TUBING, STEEL.
 AN827-4D - CROSS, 1/4 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).
 AN827-4J - CROSS, 1/4 TUBING, CORROSION RESISTANT STEEL, TYPE 304.
 AN827-4K - CROSS, 1/4 TUBING, CORROSION RESISTANT STEEL, TYPE 316.
 AN827-4S - CROSS, 1/4 TUBING, CORROSION RESISTANT STEEL, TYPE 347.
 ⑥ AN827-4T - CROSS, 1/4 TUBING, TITANIUM.
 AN827-4W - CROSS, 1/4 TUBING, 7075-T73.

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

⑥ TITANIUM NOT TO BE USED IN OXYGEN SYSTEMS.

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

⑥ Reinstated as of 16 April 1982

⑥ INITIAL STANDARD REVISED

P. A. AIR FORCE-99 ARMY-AV NAVY-AS	INTERNATIONAL INTEREST	AIR FORCE - NAVY AERONAUTICAL STANDARD CROSS - FLARED TUBE	AN827
PROCUREMENT SPECIFICATION MIL - F - 8809	SUPERSEDES:	SHEET 1 OF 2	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4730-F309

APPROVED 13 DEC 40 REVISED ⑥ 16 Apr 82

USER ACTIVITIES:

REVIEWER ACTIVITIES

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FED. SUP CLASS
4730

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

APPROVED 13 DEC 40 REVISED 6 FOR CHANGES SEE PAGES 1 & 2. 16 April 1982

6 ENTIRE STANDARD REVISE		AIR FORCE-NAVY AERONAUTICAL STANDARD		AN827
P. A. AIR FORCE-99 Other Cost	INTERNATIONAL INTEREST	CROSS - FLARED TUBE		
ARMY-AV NAVY-AS		PROCUREMENT SPECIFICATION MIL-F-8509		SHEET 2 OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4730-F309