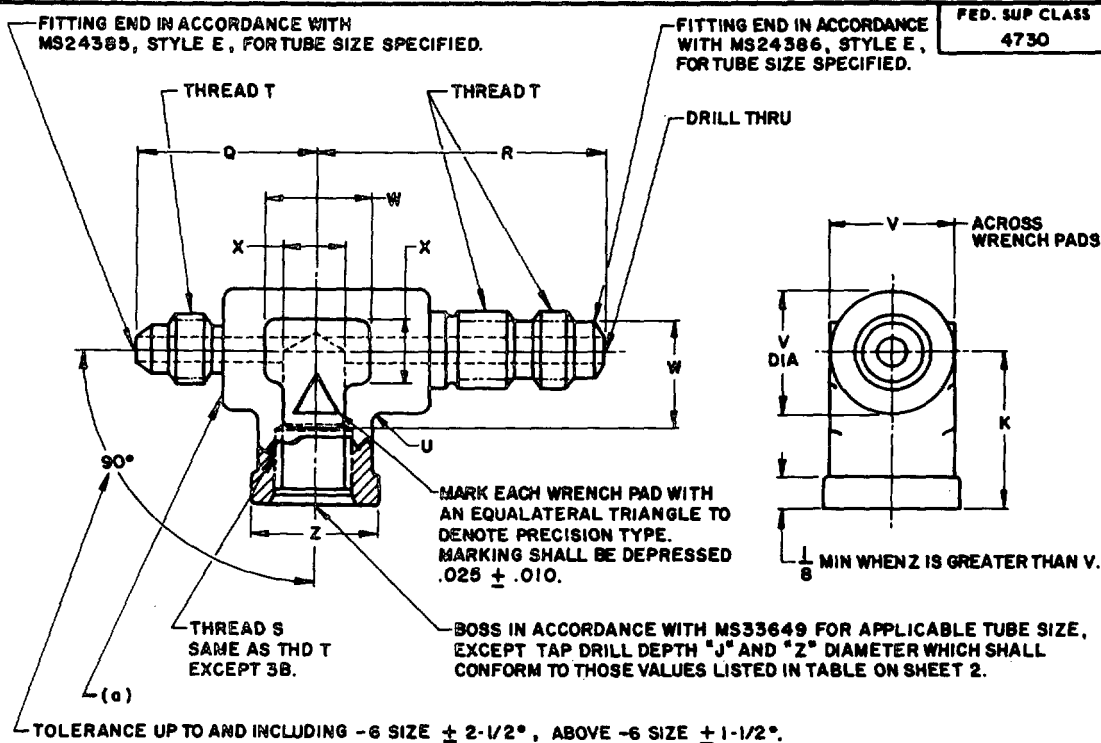


This Military Standard is approved for use by HQ AFMC CASO/LODS, Federal Center, Battle Creek, MI 49016, Department of the Air Force, and is available for use by all Departments and agencies of the Department of Defense.



(a) THIS SURFACE SHALL BE FREE FROM LONGITUDINAL AND SPIRAL TOOL MARKS. ANNULAR TOOL MARKS SHALL NOT EXCEED 32 MICROINCHES AA (SEE ANSI B46.1).
MATERIAL: STEEL; ALUMINUM ALLOY; CORROSION RESISTANT STEEL (CRES); TITANIUM ALLOY; BARS, SHAPES, OR FORGINGS (SEE PROCUREMENT SPECIFICATION).

FINISH: SEE PROCUREMENT SPECIFICATION.

NO CODE LETTER IN PART NUMBER FOR STEEL.
ADD D IN PLACE OF DASH FOR ALUMINUM ALLOY (EXCEPT 7075-T73).

ADD J IN PLACE OF DASH FOR CRES. TYPE 304.

ADD J IN PLACE OF DASH FOR CRES, TYPE 304.
ADD K IN PLACE OF DASH FOR CRES, TYPE 316.

ADD S IN PLACE OF DASH FOR CRES, TYPE 347.

ADD T IN PLACE OF DASH FOR TITANIUM ALLOY.

ADD W IN PLACE OF DASH FOR 7075-T73 ALUMINUM ALLOY.

TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.

EXAMPLE OF PART NUMBERS:

MS24388-8 - TEE, 1/2 TUBING, STEEL.

MS24388D8 - TEE, 1/2 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).

MS24388J8 - TEE, 1/2 TUBING, CRES, TYPE 304.

MS24388K8 - TEE, 1/2 TUBING, CRES, TYPE 316.

MS24388S8 - TEE, 1/2 TUBING, CRES, TYPE 347.

MS24388T8 - TEE, 1/2 TUBING, TITANIUM ALLOY.

MS24388W8 - TEE, 1/2 TUBING, 7075-T73 ALUMINUM ALLOY.

BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: FRACTIONS $\pm 1/64$.

IN ADDITION TO THE SAMPLING REQUIREMENTS OF THE PROCUREMENT SPECIFICATION, THE SURFACE OF THE CONE

ENDS ON 100% OF THE TEES OF A LOT SHALL BE INSPECTED.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(H) DENOTES CHANGES

P.A. AIR FORCE-99
Other Cast
AIR FORCE-99

TITLE
④

**TEE, FLARED TUBE,
INTERNAL THREAD ON SIDE,
PRECISION TYPE**

MILITARY STANDARD

MS 24388

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSEDES

~~44783~~ (H)

SHEET 1 OF 2

FED. SUP CLASS
4730

DASH NO.	TUBING OD	THREAD T (REF)	K +3/64 -0	Q +3/64 -0	R +3/64 -0	U RAD	V	W MIN	X MIN	Z DIA
2	1/8	5/16-24UNJF-3A	5/8	29/32	1-15/32	1/16	1/2	15/32	5/16	9/16
3	3/16	3/8 -24UNJF-3A	11/16	31/32	1- 1/2	3/32	9/16	1/2		5/8
4	1/4	7/16-20UNJF-3A	3/4	1- 3/16	1- 3/4		3/4	11/16	7/16	3/4
5	5/16	1/2 -20UNJF-3A								
6	3/8	9/16-18UNJF-3A	13/16	1- 1/4	2	1/8	7/8	25/32		7/8
8	1/2	3/4 -16UNJF-3A	1	1- 7/16	2- 5/32		1-1/16	29/32	1/2	1- 1/16
10	5/8	7/8 -14UNJF-3A	1- 5/32	1- 5/8	2- 3/8					1- 3/16
12	3/4	1-1/16-12UNJ -3A	1-11/32	1-13/16	2- 5/8		1-5/16	1- 3/32	5/8	1- 7/16
16	1"	1-5/16-12UNJ -3A	1-17/32	2- 1/16	2-27/32		1-5/8	1- 5/16	3/4	1-11/16
20	1-1/4	1-5/8 -12UNJ -3A	1-23/32	2- 1/4	3- 1/32		1-7/8	1- 1/2	7/8	2

User activities:
Review activities: ARMY-ME, AV
NAVY-AS
DSC-CS

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P.A. AIR FORCE-99 Other Cast AIR FORCE-99	(M)	TITLE (H)	TEE, FLARED TUBE, INTERNAL THREAD ON SIDE, PRECISION TYPE	MILITARY STANDARD MS24388
PROCUREMENT SPECIFICATION MIL-F-5508		SUPERSEDES: -AN703- (H)		SHEET 2 OF 2

DD FORM 672-1 Limited Coordination

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4730-F269

APPROVED 26 FEB 57 REVISED (H) FOR CHANGES SEE PAGES 1 & 2. 16 Apr 82