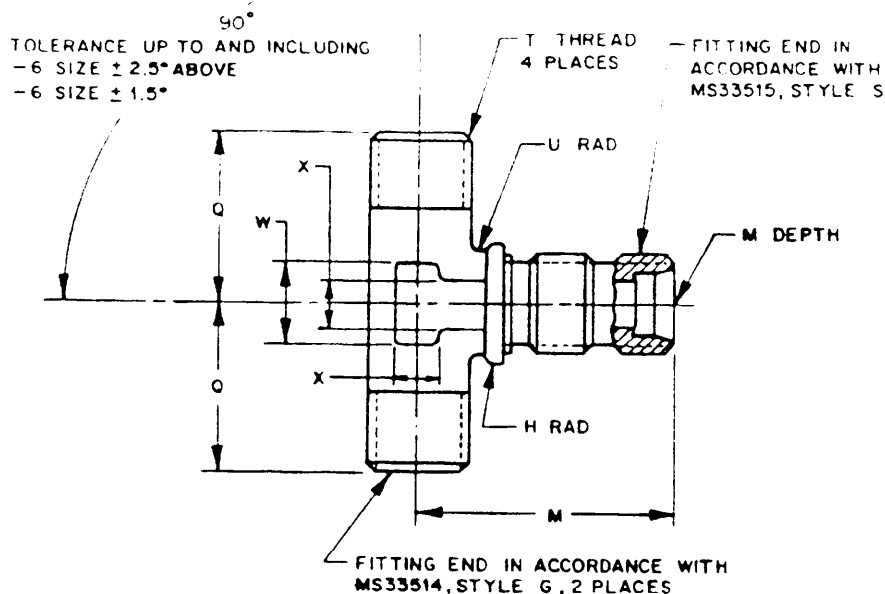


THE REMEDS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION MIL - F-18280



DASH NO.	TUBE OD	T THREAD MIL-S-8879	H RAD	M +.047 -0	Q +.047 -0	U RAD	V	W APPROX (HEX)	X APPROX (HEX)	WT LB	MAX AL ALLOY	Y1 ALLOY
-2	1/8	.3125-24 UNJF-3A		1.312	.781		.312		.187	.062	.022	.035
-3	3/16	.3750-24 UNJF-3A		1.390	.906		.375	.312		.078	.028	.045
-4	1/4	.4375-20 UNJF-3A	.062	1.500	.937	.062	.437	.375	.250	.094	.033	.054
-5	5/16	.5000-20 UNJF-3A		1.531	1.031		.500			.141	.048	.081
-6	3/8	.5625-18 UNJF-3A		1.687	1.062		.562	.500	.312	.155	.058	.089
-8	1/2	.7500-16 UNJF-3A	.094	1.969	1.312	.094	.750	.625		.304	.108	.175
-10	5/8	.8750-14 UNJF-3A		2.250	1.500		.875	.750	.437	.450	.166	.259
-12	3/4	1.0625-12 UNJ -3A		2.469	1.625		1.062	.825	.500	.700	.255	.403
-16	1	1.3125-12 UNJ -3A		2.594	1.719	.125	1.312	1.062	.625	.965	.342	.556
-20	1-1/4	1.6250-12 UNJ -3A	.125	2.875	2.000		1.625	1.250	.750	1.720	.620	.992
-24	1-1/2	1.8750-12 UNJ -3A		3.156	2.187		1.875	1.437	.875	2.220	.815	1.280
-32	2	2.5000-12 UNJ -3A		3.750	2.375	.187	2.562	1.937	1.188			

REQUIREMENTS:

- MATERIAL: CARBON STEEL - FORGINGS
ALUMINUM ALLOY - FORGINGS
CORROSION RESISTANT STEEL - FORGINGS
TITANIUM ALLOY - FORGINGS

SEE PROCUREMENT SPECIFICATION.

NOTE: PARTS MADE FROM 1137 OR 1141 FORGINGS QUALIFIED TO MIL-F-18280C SHALL NOT BE SUPPLIED AFTER 30 JUNE 1984.

- FINISH: SEE PROCUREMENT SPECIFICATION.

NOTES:

- BREAK ALL SHARP EDGES AND REMOVE ALL BURRS AND SLIVERS.
- DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .016$.

3. PART NUMBERS:

NO CODE LETTER IN PART NUMBER FOR CARBON STEEL.
ADD "D" IN PLACE OF DASH FOR ALUMINUM ALLOY (2014).
ADD "W" IN PLACE OF DASH FOR ALUMINUM ALLOY (7075).
ADD "J" IN PLACE OF DASH FOR CORROSION-RESISTANT STEEL, TYPE 304.
ADD "K" IN PLACE OF DASH FOR CORROSION-RESISTANT STEEL, TYPE 316.
ADD "R" AFTER DASH FOR CORROSION-RESISTANT STEEL, TYPE 321.
ADD "T" AFTER DASH FOR TITANIUM ALLOY (6AL-4V).

EXAMPLES OF PART NUMBERS:

MS21909-8 - TEE, 1/2 TUBING, CARBON STEEL.
MS21909D8 - TEE, 1/2 TUBING, ALUMINUM ALLOY (2014).
MS21909W8 - TEE, 1/2 TUBING, ALUMINUM ALLOY (7075).
MS21909J8 - TEE, 1/2 TUBING, CORROSION-RESISTANT STEEL, TYPE 304.
MS21909K8 - TEE, 1/2 TUBING, CORROSION-RESISTANT STEEL, TYPE 316.

(G) DENOTES CHANGES

PREPARING ACTIVITY NAVY-AS

CUSTODIANS ARMY-AV NAVY-

AF-99 DIA-

REVIEW AF-82, 71, ARMY-AV, MI, DLA-CS

USER-ARMY-GL, CR, AT

PROJECT NUMBER 4730-0144

MILITARY SPECIFICATION SHEET

TITLE

TEE, BULKHEAD AND UNIVERSAL,
FLARELESS TUBE

SPECIFICATION SHEET NUMBER

MS21909G 20 JUNE 1991

SUPERSEDING

MS21909F 31 JULY 1990

AMSC- N/A

FSC 4730

DISTRIBUTION STATEMENT A Approved for public release, distribution is unlimited

Page 1 of 2

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-F-18280

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

Form approved
OMB No. 0714-0144

5. UNLESS OTHERWISE SPECIFIED, THE STANDARD AND NO LONGER TO BE FURNISHED. UNLESS OTHERWISE SPECIFIED, PARTS COULD NOT, "P", OR "PM" (AT SUPPLIER'S OPTION) SHALL BE FURNISHED IN LIEU OF "C" CODED PARTS.

6. TITANIUM NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.

6. PARTS ARE NOT TO BE MANUFACTURED FROM TYPE 347 CRES AFTER 31 MAY 1992. HOWEVER, TYPE CODE "S" PARTS MAY BE USED UNTIL EXISTING STOCKS ARE DEPLETED.

IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.

7. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

PREPARING ACTIVITY: NAVY-AS CUSTODIANS: ARMY-AV NAVY- AIR FORCE-99 DLA- REVIEW: AF-82, 71, ARMY-AV, M1, DLA-CS USER: ARMY-GL, CR, AT PROJECT NUMBER: 4730-0144	MILITARY SPECIFICATION SHEET TITLE TEE, BULKHEAD AND UNIVERSAL, FLARELESS TUBE	SPECIFICATION SHEET NUMBER MS21909G 20 JUNE 1991 SUPERSEDING MS21909F 31 JULY 1990 AMSC- N/A FSC 4730
DISTRIBUTION STATEMENT <u>A</u> Approved for public release; distribution is unlimited		Page <u>2</u> of <u>2</u>

DD FORM 672 MAY 1988

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

14-3894

GROUP 1: IT IS REPRODUCIBLE