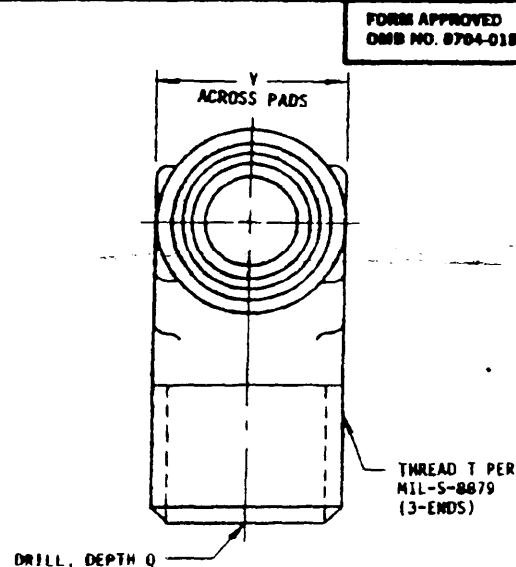
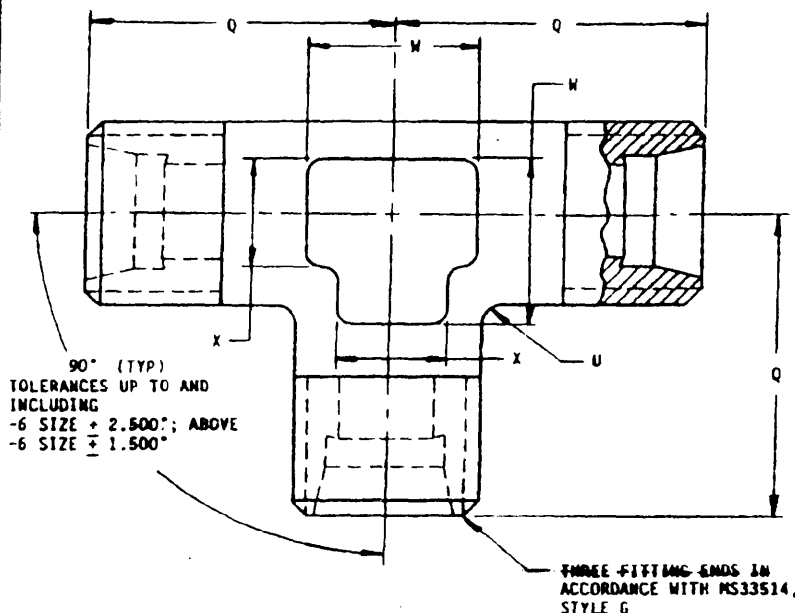


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DOCS SPECIFIED IN THE SOLICITATION: MIL-F-18280



FORM APPROVED
OMB NO. 0704-0188

DASH NO.	TUBE OD	T THREAD MIL-S-8879	Q +.047 - .000	U RAD	V	W APPROX	X APPROX	WEIGHT (LB MAX)		
								STEEL	AL ALLOY	TI ALLOY
-2	.125	.3125-24 UNJF-3A	.750	.063	.313	.313	.188	.040	.014	.023
-3	.188	.3750-24 UNJF-3A	.814		.375	.375	.250	.051	.019	.029
-4	.250	.4375-20 UNJF-3A	.875		.438			.068	.024	.039
-5	.313	.5000-20 UNJF-3A	.938		.500	.469	.313	.098	.035	.066
-6	.375	.5625-18 UNJF-3A	1.031	.094	.563	.500		.119	.043	.068
-8	.500	.7500-16 UNJF-3A	1.250		.750	.688	.438	.239	.083	.187
-10	.625	.8750-14 UNJF-3A	1.406	.125	.875	.781		.356	.120	.205
-12	.750	1.0625-12 UNJ -3A	1.563		1.063	.906	.500	.550	.195	.317
-16	1.000	1.3125-12 UNJ -3A	1.719		1.313	1.031	.625	.800	.296	.461
-20	1.250	1.6250-12 UNJ -3A	1.875		1.625	1.313	.750	1.330	.490	.767
-24	1.500	1.8750-12 UNJ -3A	2.000	.250	1.875	1.500	.875	1.690	.591	.975
-32	2.000	2.5000-12 UNJ -3A	2.438		2.563	2.031	1.188			

REQUIREMENTS:

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

SEE PROCUREMENT SPECIFICATION
MIL-F-18280.

2. FINISH: SEE PROCUREMENT SPECIFICATION.

(F) DENOTES CHANGE

INCH-POUND

PREPARING ACTIVITY: NAVY - AS
CUSTODIAN: ARMY - NAVY - AS
AIR FORCE - DLA -
REVIEW: ARMY-AR, MI; AF-11; DLA-CS
USER: NAVY-OS; ARMY-GL, CR, ME, AT
PROJECT NUMBER: 4730-0167

MILITARY SPECIFICATION SHEET

TITLE

TEE, FLARELESS TUBE

SPECIFICATION SHEET NUMBER REV F
MS21905 3 JUL 92

SUPERSEDING REV E
MS21905 26 JUN 81

AMSC - N/A

FBC 4730

DISTRIBUTION STATEMENT

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PAGE 1 OF 2

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

(F) NOTES:

1. BREAK ALL SHARP EDGES AND REMOVE ALL BURRS AND SLIVERS.
2. 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 NUMBER FOR CORROSION-RESISTANT STEEL, TYPE 321.
 ADD "T" AFTER DASH NUMBER FOR TITANIUM ALLOY (6AL-4V).

EXAMPLES OF PART NUMBERS:

MS21905-8 - TEE, 1/2 TUBING, CARBON STEEL.
 MS21905D8 - TEE, 1/2 TUBING, ALUMINUM ALLOY (2014).
 MS21905W8 - TEE, 1/2 TUBING, ALUMINUM ALLOY (7075).
 MS21905J8 - TEE, 1/2 TUBING, CORROSION-RESISTANT STEEL, TYPE 304.
 MS21905K8 - TEE, 1/2 TUBING, CORROSION-RESISTANT STEEL, TYPE 316.
 MS21905-8R - TEE, 1/2 TUBING, CORROSION-RESISTANT STEEL, TYPE 321.
 MS21905-8T - TEE, 1/2 TUBING, TITANIUM ALLOY (6AL-4V).

- (F) 4. ITEMS CODED "C" ON PREVIOUS ISSUES OF THIS STANDARD ARE NO LONGER TO BE FURNISHED. UNLESS OTHERWISE SPECIFIED, PARTS CODED "J", "K", OR "R" (AT SUPPLIER'S OPTION) SHALL BE FURNISHED IN LIEU OF "C" CODED PARTS.
5. TITANIUM NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.
- (F) 6. PARTS ARE NOT TO BE MANUFACTURED FROM TYPE 347 CRES AFTER TWO YEARS FROM THE DATE OF REVISION F OF THIS DOCUMENT. HOWEVER, TYPE CODE "S" PARTS MAY BE USED UNTIL EXISTING STOCK IS DEPLETED.
- (F) 7. 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.
- (F) 8. 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 - NAVY - AS
 AIR FORCE - DLA -

REVIEW: ARMY-AR, MI; AF-11; DLA-CS
 USER: NAVY-OS; ARMY-GL, CR, ME, AT
 PROJECT NUMBER: 4730-0167

MILITARY SPECIFICATION SHEET

TITLE

TEE, FLARELESS TUBE

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REV F

3 JUL 92

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