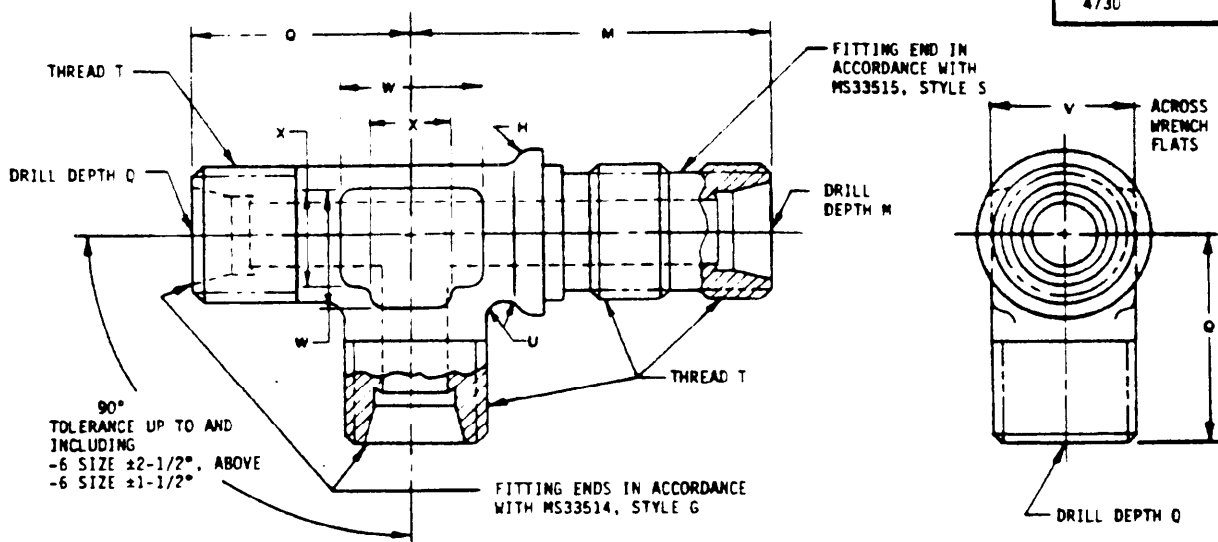


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USAF - 02
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DASH NO.	TUBE OD	THREAD T MIL-S-8879	H RAD	M +.047 -0	Q +.047 -0	U RAD	V	W APPROX	X APPROX	WT STEEL	LB ALUM	MAX TI
-2	1/8	.3125-24 UNJF-3A	.063	1.313	.781	.063	.313	.313	.188	.064	.023	.036
-3	3/16	.3750-24 UNJF-3A		1.391	.906		.375	.375	.250	.074	.026	.042
-4	1/4	.4375-20 UNJF-3A		1.500	.938		.438	.375	.250	.091	.033	.052
-5	5/16	.5000-20 UNJF-3A		1.531	1.031		.500	.469	.313	.126	.048	.072
-6	3/8	.5625-18 UNJF-3A		1.688	1.063	.094	.563	.500	.313	.155	.056	.089
-8	1/2	.7500-16 UNJF-3A	.094	1.869	1.313		.750	.688	.438	.280	.112	.167
-10	5/8	.8750-14 UNJF-3A		2.250	1.500		.875	.781	.500	.455	.166	.262
-12	3/4	1.0625-12 UNJ-3A		2.469	1.625	.125	1.063	.906	.500	.677	.245	.390
-16	1	1.3125-12 UNJ-3A		2.594	1.719		1.313	1.094	.625	.862	.342	.555
-20	1-1/4	1.6250-11 UNJ-3A	.125	2.875	2.000		1.625	1.313	.750	1.600	.635	.923
-24	1-1/2	1.8750-12 UNJ-3A		3.156	2.188	.188	1.875	1.500	.875			
-32	2	2.5000-13 UNJ-3A		3.750	2.375		2.563	2.031	1.094			

REQUIREMENTS:

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

SEE PROCUREMENT SPECIFICATION.

- FINISH: SEE PROCUREMENT SPECIFICATION.

NOTES:

- BREAK ALL SHARP EDGES AND REMOVE ALL BURRS AND SLIVERS.
- DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± 0.016 , ANGLES $\pm 1/2^\circ$
- 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 "T" AFTER DASH NUMBER FOR TITANIUM ALLOY (6AL-4V).
ADD "R" AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 321.

EXAMPLES OF PART NUMBERS:

MS21912-4 - TEE, 1/4 TUBING, CARBON STEEL.
MS21912D4 - TEE, 1/4 TUBING, ALUMINUM ALLOY (2014).
MS21912W4 - TEE, 1/4 TUBING, ALUMINUM ALLOY (7075).
MS21912J4 - TEE, 1/4 TUBING, CORROSION RESISTANT STEEL, TYPE 304.
MS21912K4 - TEE, 1/4 TUBING, CORROSION RESISTANT STEEL, TYPE 316.
MS21912-4T - TEE, 1/4 TUBING, TITANIUM ALLOY (6AL-4V).
MS21912-4R - TEE, 1/4 TUBING, CORROSION RESISTANT STEEL, TYPE 321.

- 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.
- TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.

⑥ ENTIRE STANDARD REVISED

P.A. NAVY - AS Other Code	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
USAF - 99 ARMY - AV	⑥	TEE, FLARELESS TUBE WITH BULKHEAD ON RUN	MS21912
PROCUREMENT SPECIFICATION MIL-F-18280	SUPERSEDES:	MS21912 (ASG)	SHEET 1 OF 2

USDA SYMBOL:
ARMY - GL, CR, ME, AT

DEFENSE SYMBOLS:
USAF - 92
ARMY - 44, 48
DLA - CS

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6. PARTS ARE NOT TO BE MANUFACTURED FROM TYPE 347 CRLS AFTER 31 DEC. 1989. HOWEVER, TYPE CODE "S" PARTS MAY BE USED UNTIL EXISTING STOCKS ARE DEPLETED.
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.
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 FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

FED. SUP CLASS
4730

APPROVED 4 OCT 91
REVISION (G) FOR CHANGES SEE SHEETS 1 AND 2

P.A. NAVY - AS Other Code USAF - 99 ARMY - AV	INTERNATIONAL INTEREST (G)	TITLE TEF, FLARELESS TUBE WITH BULKHEAD ON RUN	MILITARY STANDARD MS21912
PROCUREMENT SPECIFICATION MIL-F-1828C	SUPERSEDES MS21912 (ASG)		SHEET 2 OF 2

DD FORM 75 672-1 (Coordinate)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 2000

PROJECT NO. 4730-0973