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AS21912

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ISSUED 1998-03 REVISED 2001-03

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280

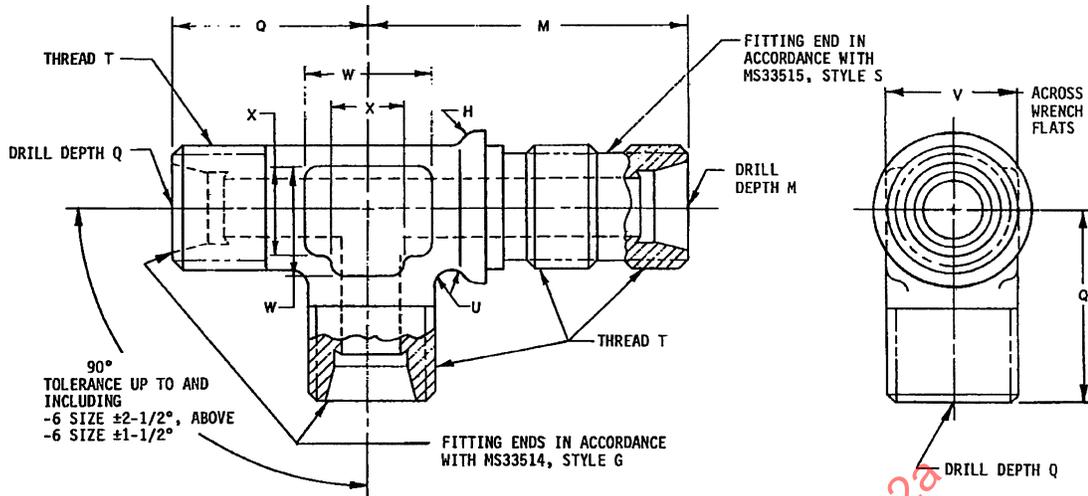


AEROSPACE STANDARD

TEE, FLARELESS TUBE WITH BULKHEAD ON RUN

AS21912
SHEET 1 OF 3

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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	.126	.048	.072	
-5	5/16	.5000-20 UNJF-3A	.094	1.531	1.031	.094	.500	.469	.313	.155	.056	.089
-6	3/8	.5625-18 UNJF-3A		1.688	1.063		.563	.500	.290	.112	.167	
-8	1/2	.7500-16 UNJF-3A		1.969	1.313		.750	.688	.438	.455	.166	.262
-10	5/8	.8750-14 UNJF-3A	.125	2.250	1.500	.125	.875	.781	.750	.677	.245	.390
-12	3/4	1.0625-12 UNJ-3A		2.469	1.625		1.063	.906	.625	.962	.342	.555
-16	1	1.3125-12 UNJ-3A		2.594	1.719		1.313	1.094	.875	1.600	.635	.923
-20	1-1/4	1.6250-11 UNJ-3A	.188	2.875	2.000	.188	1.625	1.313	.750	.875		
-24	1-1/2	1.8750-12 UNJ-3A		3.156	2.188		1.875	1.500				
-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 ±.016, ANGLES ±1/2°
- 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 FOR TITANIUM ALLOY (6AL-4V).
ADD "R" AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 321.