

SAE-AS21925

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Adopting Activity

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(Project 4730-1021)

FSC 4730

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4730**AS21925**

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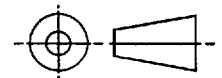
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THIRD ANGLE PROJECTION



ISSUED 1998-07

PREPARED BY COMMITTEE G-3

PROCUREMENT SPECIFICATION: MIL-F-18280

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For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

ELBOW, 90° UNIVERSAL, FLARELESS TUBE,
HIGH PROFILE

AS21925
SHEET 1 OF 3

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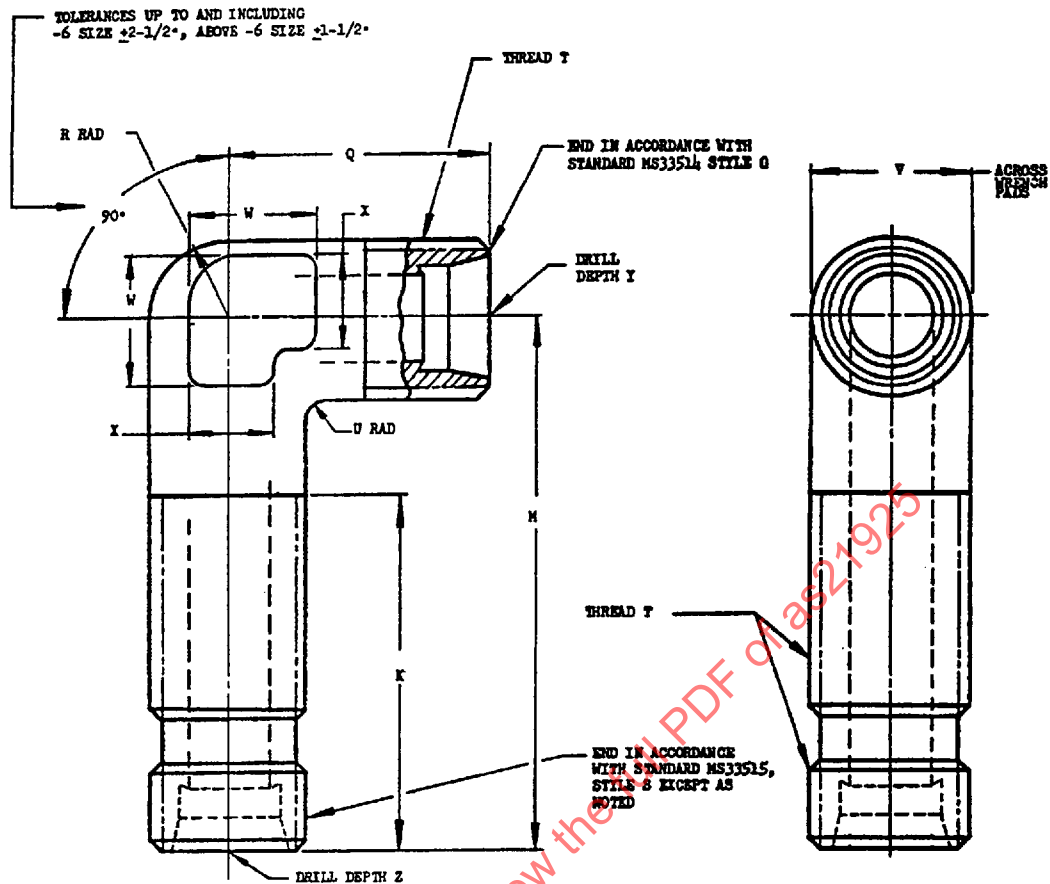
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AS21925



DASH NO.	TUBE OD	THREAD T MIL-S-8879	K MIN FULL THD	M +.047 -.000	Q +.047 -.000	R	U	V	V APPROX	X APPROX	Y +.047 -.000	Z +.047 -.000	WT LB MAX		
													STEEL	ALUM ALLOY	TI ALLOY
-4	1/2	.4375-20 UNJF-3A	.81	1.756	.940	.218	.062	.437	.375	.250	.960	1.790	.085	.031	.049
-5	5/16	.5000-20 UNJF-3A	.85	1.846	1.030	.250	.062	.500	.500	.312	1.062	1.880	.100	.031	.050
-6	3/8	.5625-18 UNJF-3A	.85	2.076	1.060	.281	.093	.562	.500	.312	1.094	2.110	.148	.054	.085
-8	1/2	.7500-16 UNJF-3A	1.01	2.545	1.310	.375	.125	.750	.625	.438	1.344	2.580	.319	.117	.184
-10	5/8	.8750-14 UNJF-3A	1.14	3.065	1.500	.437	.125	.875	.750	.438	1.562	3.130	.438	.117	.184
-12	3/4	1.0625-12 UNJ-3A	1.25	3.375	1.620	.531	.125	1.060	.875	.500	1.719	3.470	.500	.117	.184
-16	1	1.3125-12 UNJ-3A	1.25	3.755	1.720	.656	.125	1.310	1.062	.625	1.812	3.850	.625	.117	.184
-20	1-1/4	1.6250-12 UNJ-3A	1.25	4.335	2.000	.812	.187	1.620	1.250	.750	2.125	4.460	.750	.117	.184

- 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.
- BREAK ALL SHARP EDGES AND REMOVE ALL BURRS AND SLIVERS.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± 0.16 .