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A

AS6041™

FEDERAL SUPPLY CLASS
4730

RATIONALE

ADDED CONDUCTIVE HIGH PURITY ALUMINUM COATING FOR ALUMINUM ALLOY FITTINGS.

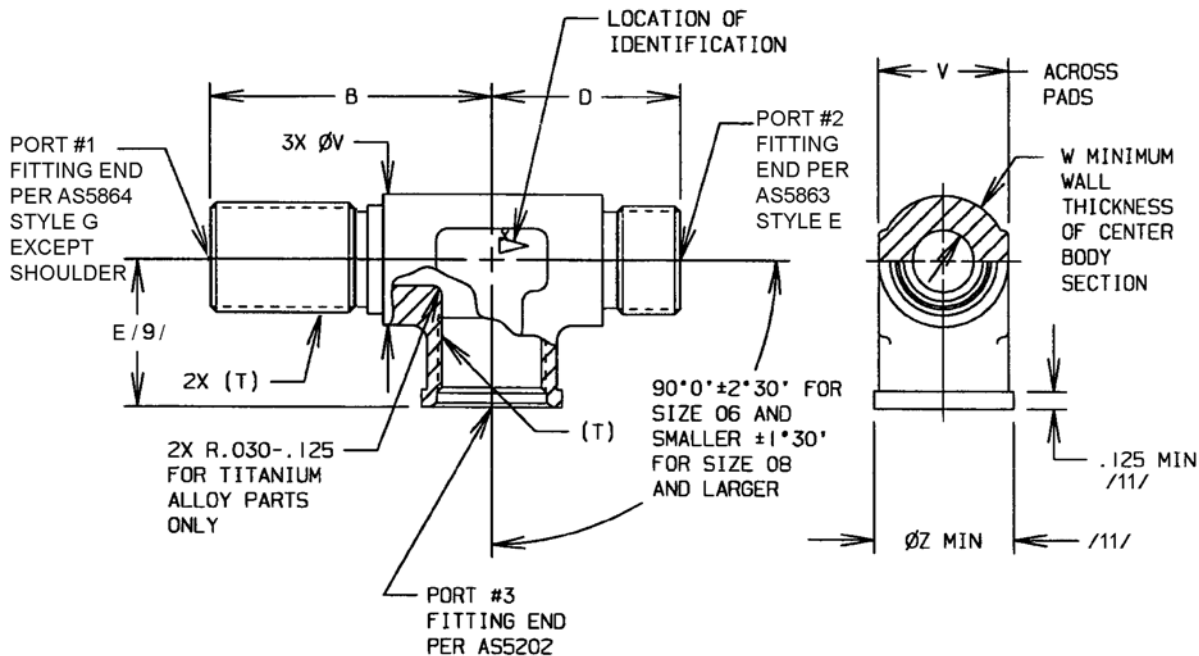


FIGURE 1 - FITTING, TEE, BULKHEAD END, PORT #3 SHOWN AS NON-REDUCER

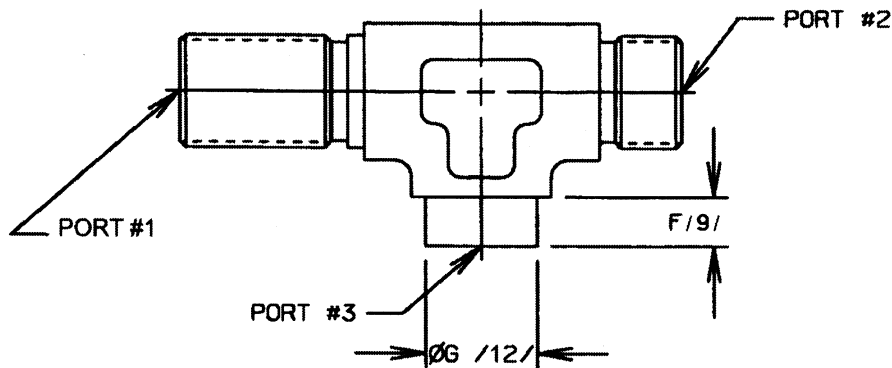
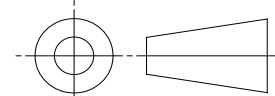


FIGURE 2 - FITTING, TEE, BULKHEAD END, PORT #3 SHOWN AS REDUCER, SAME AS FIGURE 1 EXCEPT AS SHOWN

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /5/



AEROSPACE STANDARD

(R) FITTING, TEE, STANDARD AND REDUCER,
BULKHEAD ON RUN, INTERNAL PORT ON
SIDE, FLARELESS, PRECISION TYPE

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TABLE 1 - DIMENSIONS AND WEIGHTS /10/ /12/ /13/

BASIC NO. AS6041 /24/ SIZE CODE	E /9/	F /9/	V		W	Z /11/	LB/EA APPROX REF ALUM	LB/EA APPROX REF STEEL	LB/EA APPROX REF TI
02	.648	-	.485-	.502	.090	.562	.018	.051	.029
03	.711	-	.547-	.565	.100	.625	.039	.104	.060
04	.773	.375	.735-	.753	.110	-	.083	.233	.134
05	.773	.375	.735-	.753	.120	.750	.099	.278	.160
06	.836	.375	.860-	.878	.120	-	.116	.326	.188
08	1.023	.469	1.047-	1.065	.150	-	.197	.554	.319
10	1.180	.625	1.047-	1.065	.170	1.125	.206	.579	.334
12	1.367	.688	1.297-	1.317	.185	1.375	.360	1.012	.583
14	1.507	.706	1.547-	1.567	.200	-	-	-	-
16	1.555	.719	1.605-	1.630	.205	1.625	.455	1.340	.773
20	1.742	.781	1.855-	1.880	.240	1.938	.672	1.950	1.125

TABLE 2 - LEG LENGTH B /10 /14/

FORGING SIZE	TUBE SIZE OF PORT #1										
	02	03	04	05	06	08	10	12	14	16	20
02	1.398	-	-	-	-	-	-	-	-	-	-
03	1.430	1.477	-	-	-	-	-	-	-	-	-
04	1.585	1.632	1.695	-	-	-	-	-	-	-	-
05	1.585	1.632	1.695	1.695	-	-	-	-	-	-	-
06	1.758	1.805	1.868	1.868	1.914	-	-	-	-	-	-
08	1.727	1.774	1.837	1.837	1.883	2.055	-	-	-	-	-
10	1.804	1.851	1.914	1.914	1.960	2.132	2.273	-	-	-	-
12	1.883	1.930	1.993	1.993	2.039	2.211	2.352	2.461	-	-	-
14	2.040	2.087	2.150	2.150	2.196	2.368	2.509	2.618	2.618	-	-
16	2.102	2.149	2.212	2.212	2.258	2.430	2.571	2.680	2.680	2.680	-
20	2.242	2.289	2.352	2.352	2.398	2.570	2.711	2.820	2.820	2.820	2.820

TABLE 3 - LEG LENGTH D /10/ /14/

FORGING SIZE	TUBE SIZE OF PORT#2										
	02	03	04	05	06	08	10	12	14	16	20
02	.867	-	-	-	-	-	-	-	-	-	-
03	.883	.930	-	-	-	-	-	-	-	-	-
04	1.039	1.086	1.117	-	-	-	-	-	-	-	-
05	1.039	1.086	1.117	1.117	-	-	-	-	-	-	-
06	1.086	1.133	1.164	1.164	1.180	-	-	-	-	-	-
08	1.180	1.227	1.258	1.258	1.274	1.367	-	-	-	-	-
10	1.273	1.320	1.351	1.351	1.367	1.460	1.523	-	-	-	-
12	1.351	1.398	1.429	1.429	1.445	1.538	1.601	1.644	-	-	-
14	1.492	1.593	1.570	1.570	1.586	1.679	1.724	1.867	1.867	-	-
16	1.554	1.601	1.632	1.632	1.648	1.741	1.804	1.867	1.867	1.867	-
20	1.695	1.742	1.773	1.773	1.789	1.882	1.945	2.008	2.008	2.008	2.008



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