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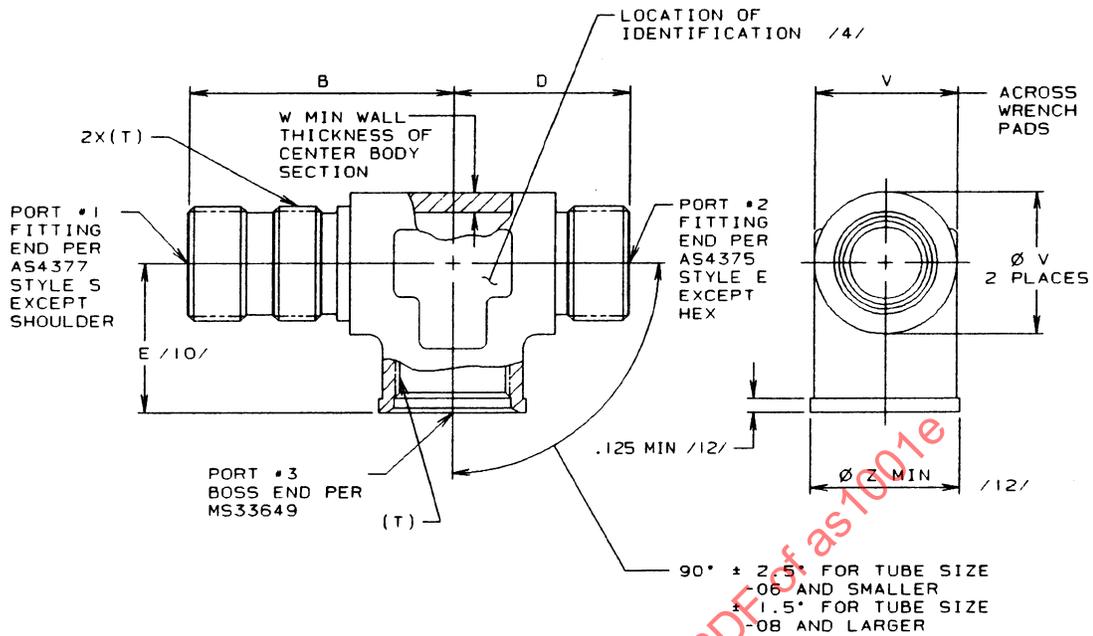


FIGURE 1 - TEE, PORT #3 SHOWN AS NONREDUCER

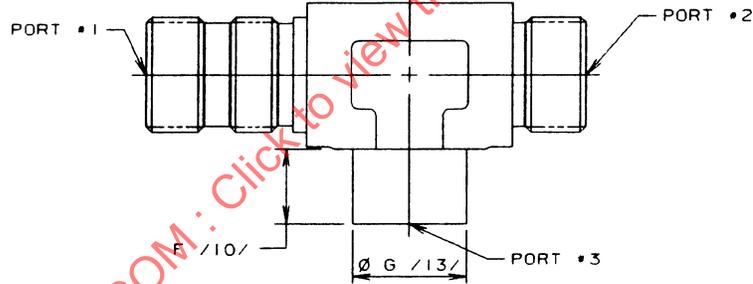
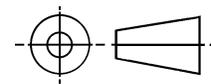


FIGURE 2 - TEE, PORT #3 SHOWN AS REDUCER

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /3/ MIL-F-18280

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AEROSPACE STANDARD
TEE, STANDARD AND REDUCER,
BULKHEAD ON RUN, INTERNAL PORT ON SIDE,
FLARELESS TUBE

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SHEET 1 OF 5

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ISSUED 1966-03 REVISED 1993-08 REAFFIRMED 2000-07

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TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO.						LB/EA	LB/EA	LB/EA	
AS1001						MAX	MAX	MAX	
/11/	/19/	E	F	Z					
SIZE	CODE	/10/	/10/	V	W	/12/	ALUM	CRES	TI
02		.648	---	.500	.090	.562	.018	.051	.029
03		.711	---	.562	.100	.625	.039	.104	.060
04		.773	.375	.750	.110	---	.083	.233	.134
05		.773	.375	.750	.120	.750	.099	.278	.160
06		.836	.375	.875	.120	---	.116	.326	.188
08		1.023	.469	1.062	.150	---	.197	.554	.319
10		1.180	.625	1.062	.170	1.125	.206	.579	.334
12		1.367	.688	1.312	.185	1.375	.360	1.012	.583
14		1.507	.706	1.562	.200	---	---	---	---
16		1.555	.719	1.625	.205	1.625	.455	1.340	.773
20		1.742	.781	1.875	.240	1.938	.672	1.950	1.125

TABLE 2 - LEG LENGTH B

SIZE OF	FORGING										
PORT	SIZE										
#1	/11/	/11/	/11/	/11/	/11/	/11/	/11/	/11/	/11/	/11/	/11/
	02	03	04	05	06	08	10	12	14	16	20
02	1.398	1.430	1.585	1.585	1.758	1.727	1.804	1.883	2.040	2.102	2.242
03	---	1.477	1.632	1.632	1.805	1.774	1.851	1.930	2.087	2.149	2.289
04	---	---	1.695	1.695	1.868	1.837	1.914	1.993	2.150	2.212	2.352
05	---	---	---	1.695	1.868	1.837	1.914	1.993	2.150	2.212	2.352
06	---	---	---	---	1.914	1.883	1.960	2.039	2.196	2.258	2.398
08	---	---	---	---	---	2.055	2.132	2.211	2.368	2.430	2.570
10	---	---	---	---	---	---	2.273	2.352	2.509	2.571	2.711
12	---	---	---	---	---	---	---	2.461	2.618	2.680	2.820
14	---	---	---	---	---	---	---	---	2.618	2.680	2.820
16	---	---	---	---	---	---	---	---	---	2.680	2.820
20	---	---	---	---	---	---	---	---	---	---	2.820

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TABLE 3 - LEG LENGTH D

SIZE OF PORT #2	FORGING										
	SIZE /11/ 02	SIZE /11/ 03	SIZE /11/ 04	SIZE /11/ 05	SIZE /11/ 06	SIZE /11/ 08	SIZE /11/ 10	SIZE /11/ 12	SIZE /11/ 14	SIZE /11/ 16	SIZE /11/ 20
02	.867	.883	1.039	1.039	1.086	1.180	1.273	1.351	1.492	1.554	1.695
03	---	.930	1.086	1.086	1.133	1.227	1.320	1.398	1.593	1.601	1.742
04	---	---	1.117	1.117	1.164	1.258	1.351	1.429	1.870	1.632	1.773
05	---	---	---	1.117	1.164	1.258	1.351	1.429	1.570	1.632	1.773
06	---	---	---	---	1.180	1.274	1.367	1.445	1.586	1.648	1.789
08	---	---	---	---	---	1.367	1.460	1.538	1.679	1.741	1.882
10	---	---	---	---	---	---	1.523	1.601	1.724	1.804	1.945
12	---	---	---	---	---	---	---	1.644	1.867	1.867	2.008
14	---	---	---	---	---	---	---	---	1.867	1.867	2.008
16	---	---	---	---	---	---	---	---	---	1.867	2.008
20	---	---	---	---	---	---	---	---	---	---	2.008

TABLE 4 - TURNED DIA G

SIZE OF PORT #3	FORGING	FORGING									
	SIZE /11/ 03	SIZE /11/ 04	SIZE /11/ 05	SIZE /11/ 06	SIZE /11/ 08	SIZE /11/ 10	SIZE /11/ 12	SIZE /11/ 14	SIZE /11/ 16	SIZE /11/ 20	
02	---	.594	.594	.594	.594	.594	.594	.594	.594	.594	
03	---	.656	.656	.656	.656	.656	.656	.656	.656	.656	
04	---	---	---	.719	.719	.719	.719	.719	.719	.719	
05	---	---	---	.781	.781	.781	.781	.781	.781	.781	
06	---	---	---	---	.844	.844	.844	.844	.844	.844	
08	---	---	---	---	---	---	1.062	1.062	1.062	1.062	
10	---	---	---	---	---	---	---	1.188	1.188	1.188	
12	---	---	---	---	---	---	---	1.438	1.438	1.438	
14	---	---	---	---	---	---	---	---	1.562	1.562	
16	---	---	---	---	---	---	---	---	---	1.688	