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REV.
E

AS1009

FEDERAL SUPPLY CLASS
4730

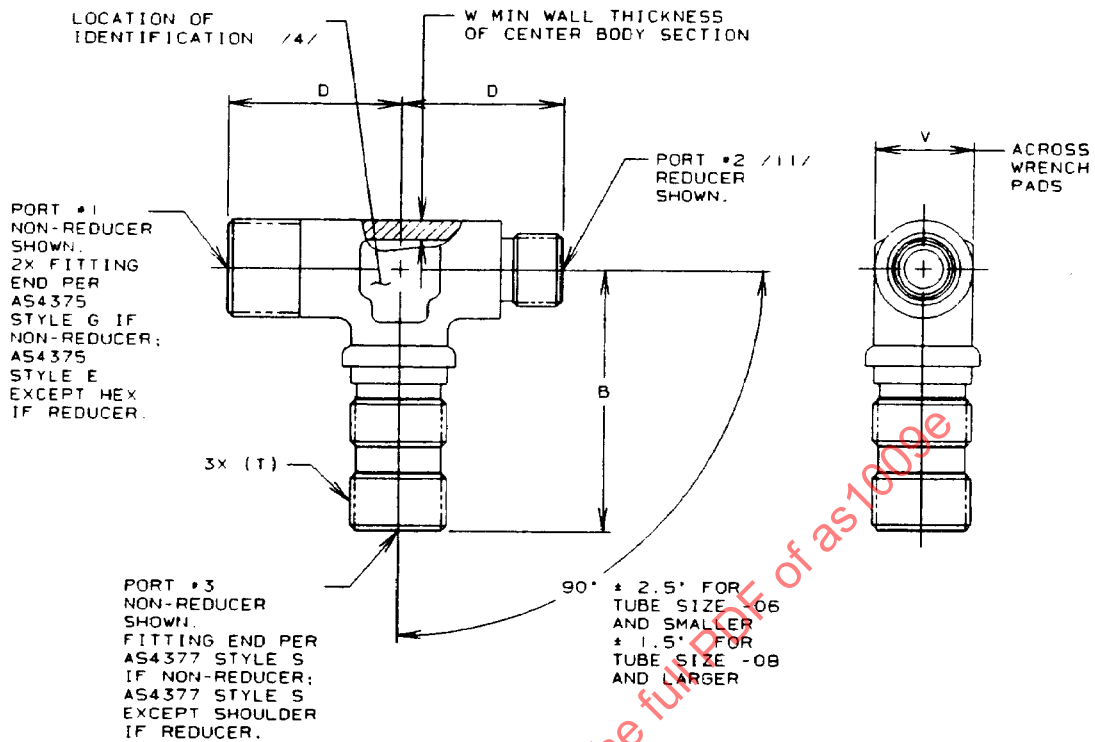
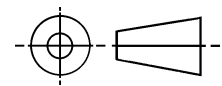


FIGURE 1 - TEE, BULKHEAD ON SIDE

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 SIDE, FLARELESS TUBE

AS1009
SHEET 1 OF 6

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AS1009

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS1009 /10/ /17/ SIZE CODE			LB/EA MAX ALUM		LB/EA MAX CRES		LB/EA MAX TI
V	W						
02	.312	.090	.022		.062		.035
03	.375	.100	.028		.078		.045
04	.438	.110	.033		.094		.054
05	.500	.120	.048		.141		.081
06	.562	.120	.058		.155		.089
08	.750	.150	.108		.304		.175
10	.875	.170	.166		.450		.259
12	1.062	.185	.255		.700		.403
14	1.188	.200	---		---		---
16	1.312	.205	.342		.965		.556
20	1.625	.240	.620		1.720		.992
24	1.875	.250	.815		2.220		1.280
32	2.562	.350	---		---		---

AEROSPACE STANDARDTEE, STANDARD AND REDUCER, BULKHEAD
ON SIDE, FLARELESS TUBE**AS1009**
SHEET 2 OF 6**REV.**
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TABLE 2 - LEG LENGTH B

SIZE OF PORT #1	FORGING SIZE /10/ 02	FORGING SIZE /10/ 03	FORGING SIZE /10/ 04	FORGING SIZE /10/ 05	FORGING SIZE /10/ 06	FORGING SIZE /10/ 08	FORGING SIZE /10/ 10	FORGING SIZE /10/ 12	FORGING SIZE /10/ 14	FORGING SIZE /10/ 16	FORGING SIZE /10/ 20	FORGING SIZE /10/ 24	FORGING SIZE /10/ 32
02	1.336	1.367	1.413	1.445	1.555	1.664	1.804	1.914	2.024	2.039	2.320	2.602	2.992
03	---	1.414	1.460	1.492	1.602	1.711	1.851	1.961	2.071	2.086	2.367	2.649	3.039
04	---	---	1.523	1.555	1.665	1.774	1.914	2.024	2.134	2.149	2.430	2.712	3.102
05	---	---	---	1.555	1.665	1.774	1.914	2.024	2.134	2.149	2.430	2.712	3.102
06	---	---	---	---	1.711	1.820	1.960	2.070	2.180	2.195	2.476	2.758	3.148
08	---	---	---	---	---	1.992	2.132	2.242	2.352	2.367	2.648	2.930	3.320
10	---	---	---	---	---	---	2.273	2.383	2.493	2.508	2.789	3.071	3.461
12	---	---	---	---	---	---	---	2.492	2.617	2.617	2.898	3.180	3.570
14	---	---	---	---	---	---	---	---	2.543	2.617	2.898	3.180	3.570
16	---	---	---	---	---	---	---	---	---	2.617	2.898	3.180	3.570
20	---	---	---	---	---	---	---	---	---	---	2.898	3.180	3.570
24	---	---	---	---	---	---	---	---	---	---	---	3.180	3.570
32	---	---	---	---	---	---	---	---	---	---	---	---	3.773

TABLE 3 - LEG LENGTH D

SIZE OF PORT #2 OR #3	FORGING		FORGING		FORGING		FORGING		FORGING		FORGING		FORGING		FORGING		FORGING		FORGING	
	SIZE	10/	SIZE	10/	SIZE	10/	SIZE	10/	SIZE	10/	SIZE	10/	SIZE	10/	SIZE	10/	SIZE	10/	SIZE	10/
02	.804	.883	.883	.977	.992	1.149	1.274	1.335	1.398	1.429	1.710	1.898	2.085	2.163	2.179	2.272	2.335	2.398	2.411	2.498
03	---	.930	.930	1.024	1.039	1.196	1.320	1.383	1.445	1.476	1.757	1.945	2.132	2.210	2.226	2.319	2.382	2.445	2.510	2.597
04	---	---	.961	1.055	1.070	1.227	1.352	1.414	1.476	1.507	1.788	1.976	2.163	2.241	2.257	2.350	2.413	2.476	2.541	2.628
05	---	---	---	1.055	1.070	1.227	1.352	1.414	1.476	1.507	1.788	1.976	2.163	2.241	2.257	2.350	2.413	2.476	2.541	2.628
06	---	---	---	---	1.086	1.243	1.368	1.430	1.492	1.523	1.804	1.992	2.179	2.257	2.273	2.366	2.429	2.492	2.557	2.644
08	---	---	---	---	---	1.336	1.461	1.523	1.585	1.616	1.897	2.085	2.272	2.350	2.366	2.459	2.522	2.585	2.650	2.737
10	---	---	---	---	---	---	1.524	1.586	1.648	1.679	1.960	2.148	2.335	2.413	2.429	2.522	2.585	2.650	2.715	2.802
12	---	---	---	---	---	---	---	1.649	1.742	1.742	2.023	2.211	2.398	2.476	2.492	2.585	2.648	2.711	2.776	2.863
14	---	---	---	---	---	---	---	---	1.693	1.742	2.023	2.211	2.398	2.476	2.492	2.585	2.648	2.711	2.776	2.863
16	---	---	---	---	---	---	---	---	---	1.742	2.023	2.211	2.398	2.476	2.492	2.585	2.648	2.711	2.776	2.863
20	---	---	---	---	---	---	---	---	---	---	2.023	2.211	2.398	2.476	2.492	2.585	2.648	2.711	2.776	2.863
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
32	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---