

RATIONALE

FEDERAL SUPPLY CLASS
4730

NEW STANDARD FOR OPERATING PRESSURES UP TO AND INCLUDING 3000 PSI.

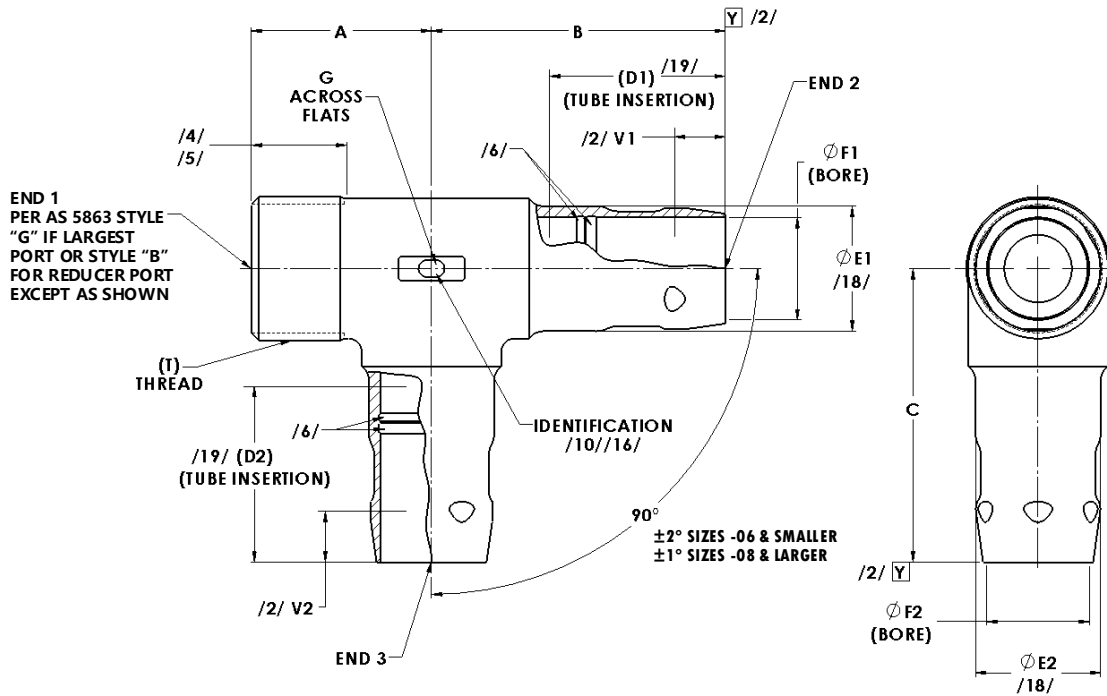
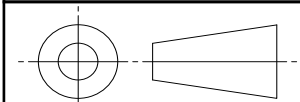


FIGURE 1 - TEE, MALE FLARELESS TO EXTERNAL SWAGE ON RUN, EXTERNAL SWAGE ON BRANCH

For more information on this standard, visit
<https://www.sae.org/standards/content/AS6485>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4459 /7/



AEROSPACE STANDARD

FITTING, TEE, MALE FLARELESS TO EXTERNAL
SWAGE ON RUN, EXTERNAL SWAGE ON BRANCH,
HYDRAULIC

AS6485™
SHEET 1 OF 6

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TABLE 1A - DIMENSIONS A THROUGH D2

BASIC NO. AS6485 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	A	B	C	(D1) /19/	(D2) /19/
030303	.188	.188	.188	.812-.859	.938-.968	.938-.968	.473	.473
040404	.250	.250	.250	.875-.922	1.130-1.160	1.130-1.160	.615	.615
040406	.250	.250	.375	.828-.875	1.225-1.255	1.290-1.320	.615	.690
040604	.250	.375	.250	.828-.875	1.290-1.320	1.225-1.255	.690	.615
040606	.250	.375	.375	.828-.875	1.290-1.320	1.290-1.320	.690	.690
041212	.250	.750	.750	1.078-1.125	2.160-2.190	2.160-2.190	1.303	1.303
050505	.313	.313	.313	.906-.953	1.250-1.280	1.250-1.280	.655	.655
060404	.375	.250	.250	1.031-1.078	1.225-1.255	1.225-1.255	.615	.615
060406	.375	.250	.375	1.031-1.078	1.225-1.255	1.290-1.320	.615	.690
060604	.375	.375	.250	1.031-1.078	1.225-1.255	1.290-1.320	.690	.615
060606	.375	.375	.375	1.031-1.078	1.290-1.320	1.290-1.320	.690	.690
060608	.375	.375	.500	.953-1.000	1.375-1.405	1.820-1.850	.690	1.193
080606	.500	.375	.375	1.047-1.094	1.375-1.405	1.375-1.405	.690	.690
080804	.500	.500	.250	1.047-1.094	1.820-1.850	1.260-1.290	1.193	.615
080806	.500	.500	.375	1.047-1.094	1.820-1.850	1.375-1.405	1.193	.690
080808	.500	.500	.500	1.047-1.094	1.820-1.850	1.820-1.850	1.193	1.193
081010	.500	.625	.625	1.156-1.203	1.940-1.970	1.940-1.970	1.233	1.233
081612	.500	1.000	.750	1.447-1.494	2.406-2.436	2.165-2.195	1.448	1.303
081616	.500	1.000	1.000	1.447-1.494	2.406-2.436	2.406-2.436	1.448	1.448
100410	.625	.250	.625	1.156-1.203	1.390-1.420	1.940-1.970	.615	1.233
100610	.625	.375	.625	1.156-1.203	1.465-1.495	1.940-1.970	.690	1.233
100810	.625	.500	.625	1.156-1.203	1.940-1.970	1.940-1.970	1.193	1.233
101008	.625	.625	.500	1.156-1.203	1.940-1.970	1.910-1.940	1.233	1.193
101010	.625	.625	.625	1.156-1.203	1.940-1.970	1.940-1.970	1.233	1.233
102424	.625	1.500	1.500	1.655-1.702	2.688-2.718	2.688-2.718	1.675	1.675
120412	.750	.250	.750	1.312-1.359	1.563-1.593	2.160-2.190	.615	1.303
121204	.750	.750	.250	1.312-1.359	2.160-2.190	1.563-1.593	1.303	.615
121210	.750	.750	.625	1.312-1.359	2.160-2.190	1.940-1.970	1.303	1.233
121212	.750	.750	.750	1.312-1.359	2.160-2.190	2.160-2.190	1.303	1.303
121612	.750	1.000	.750	1.440-1.487	2.406-2.436	2.165-2.195	1.448	1.303
161016	1.000	.625	1.000	1.440-1.487	2.144-2.174	2.406-2.436	1.233	1.448
161208	1.000	.750	.500	1.440-1.487	2.187-2.217	2.107-2.137	1.303	1.193
161606	1.000	1.000	.375	1.472-1.519	2.406-2.436	1.635-1.665	1.448	.690
161610	1.000	1.000	.625	1.472-1.519	2.406-2.436	2.144-2.174	1.448	1.233
161612	1.000	1.000	.750	1.472-1.519	2.406-2.436	2.165-2.195	1.448	1.303
161616	1.000	1.000	1.000	1.440-1.487	2.406-2.436	2.406-2.436	1.448	1.448
162424	1.000	1.500	1.500	1.734-1.781	2.688-2.718	2.688-2.718	1.675	1.675
202010	1.250	1.250	.625	1.734-1.781	2.565-2.595	2.299-2.329	1.550	1.233
202020	1.250	1.250	1.250	1.734-1.781	2.595-2.625	2.595-2.625	1.550	1.550
242424	1.500	1.500	1.500	2.000-2.047	2.688-2.718	2.688-2.718	1.675	1.675



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FITTING, TEE, MALE FLARELESS TO EXTERNAL
SWAGE ON RUN, EXTERNAL SWAGE ON BRANCH,
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SHEET 2 OF 6



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