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AS6471™

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4730

RATIONALE

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

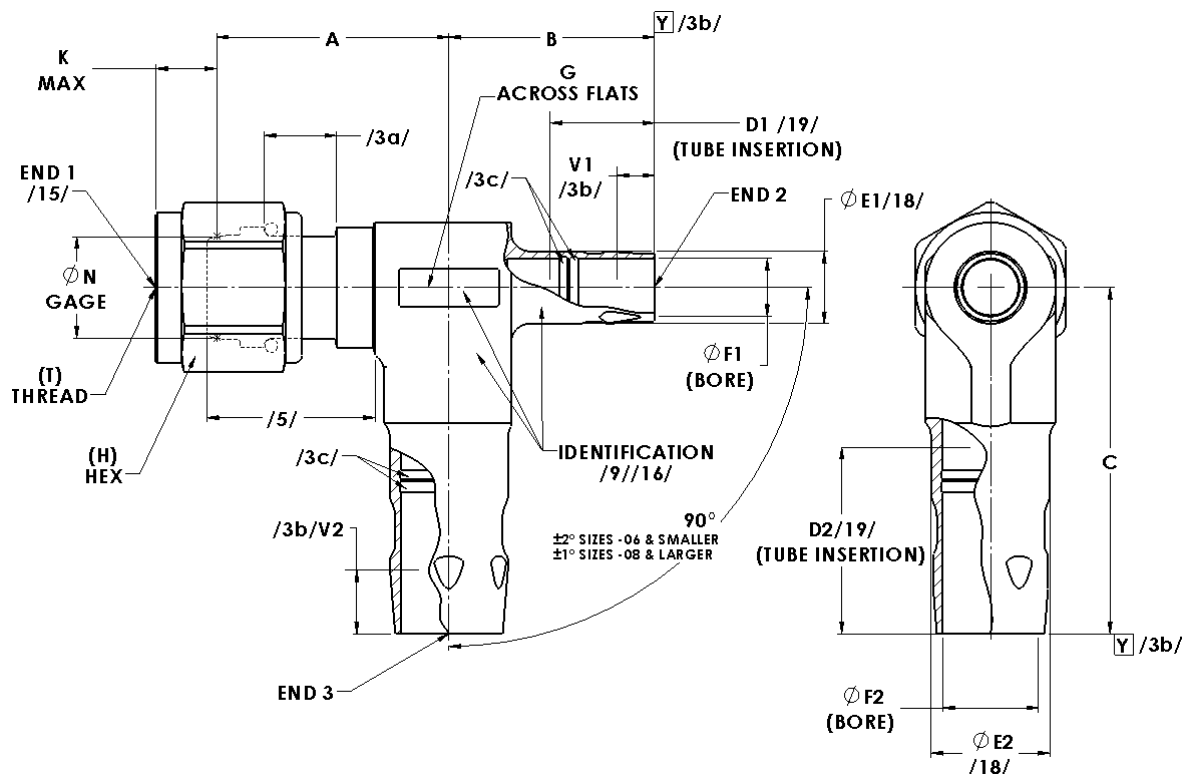
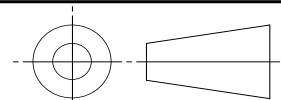


FIGURE 1 - TEE ADAPTER ASSEMBLY, SWIVEL NUT TO EXTERNAL SWAGE ON RUN, EXTERNAL SWAGE ON BRANCH

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4459 /6/



AEROSPACE STANDARD

FITTING ASSEMBLY, TEE, FEMALE FLARELESS
TO EXTERNAL SWAGE ON RUN, EXTERNAL SWAGE
ON BRANCH, HYDRAULIC

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TABLE 1

TABLE 1A - DIMENSIONS A THROUGH D2

BASIC NO. AS6471 /16/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	A ±.015	B	C	(D1) /19/	(D2) /19/
040404	.250	.250	.250	.877	1.118-1.148	1.142-1.172	.615	.615
050505	.3125	.3125	.3125	.921	1.180-1.210	1.248-1.278	.655	.655
060404	.375	.250	.250	1.134	1.205-1.235	1.277-1.307	.615	.615
060406	.375	.250	.375	1.134	1.205-1.235	1.287-1.317	.615	.690
060604	.375	.375	.250	1.134	1.190-1.220	1.277-1.307	.690	.615
060606	.375	.375	.375	1.035	1.269-1.299	1.283-1.313	.690	.690
060806	.375	.500	.375	1.337	1.799-1.829	1.381-1.411	1.193	.690
080408	.500	.250	.500	1.331	1.209-1.239	2.150-2.180	.615	1.193
080606	.500	.375	.375	1.331	1.323-1.353	1.381-1.411	.690	.690
080608	.500	.375	.500	1.331	1.323-1.353	2.150-2.180	.690	1.193
080804	.500	.500	.250	1.331	1.799-1.829	1.325-1.355	1.193	.615
080806	.500	.500	.375	1.331	1.799-1.829	1.381-1.411	1.193	.690
080808	.500	.500	.500	1.316	1.784-1.814	1.810-1.840	1.193	1.193
080810	.500	.500	.625	1.411	1.879-1.909	1.945-1.975	1.193	1.233
081008	.500	.625	.500	1.411	1.860-1.890	2.150-2.180	1.233	1.193
081208	.500	.750	.500	1.498	1.990-2.020	2.150-2.180	1.303	1.193
081212	.500	.750	.750	1.498	1.990-2.020	2.250-2.280	1.303	1.303
081216	.500	.750	1.000	1.822	2.187-2.217	2.418-2.448	1.303	1.448
081616	.500	1.000	1.000	1.843	2.468-2.498	2.468-2.498	1.448	1.448
100610	.625	.375	.625	1.536	1.344-1.374	2.275-2.305	.690	1.233
100806	.625	.500	.375	1.536	1.879-1.909	1.443-1.473	1.193	.690
101004	.625	.625	.250	1.536	1.860-1.890	1.387-1.417	1.233	.615
101006	.625	.625	.375	1.536	1.860-1.890	1.527-1.557	1.233	.690
101010	.625	.625	.625	1.536	1.860-1.890	2.275-2.305	1.233	1.233
101210	.625	.750	.625	1.536	1.990-2.020	1.932-1.962	1.303	1.233
121010	.750	.625	.625	1.843	1.932-1.962	1.932-1.962	1.233	1.233
121012	.750	.625	.750	1.843	1.990-2.020	2.250-2.280	1.233	1.303
121206	.750	.750	.375	1.843	1.990-2.020	1.670-1.700	1.303	.690
121212	.750	.750	.750	1.560	1.990-2.020	2.657-2.687	1.303	1.303
121604	.750	1.000	.250	1.843	2.468-2.498	1.652-1.682	1.448	.615
121616	.750	1.000	1.000	1.843	2.468-2.498	2.468-2.498	1.448	1.448
160812	1.000	.500	.750	1.716	2.344-2.374	2.390-2.420	1.193	1.303
161208	1.000	.750	.500	1.716	2.360-2.390	2.279-2.309	1.303	1.193
161212	1.000	.750	.750	1.716	2.360-2.690	2.360-2.390	1.303	1.303
161604	1.000	1.000	.250	1.716	2.344-2.374	1.652-1.682	1.448	.615
161606	1.000	1.000	.375	1.716	2.344-2.374	1.835-1.865	1.448	.690
161608	1.000	1.000	.500	1.716	2.344-2.374	2.279-2.309	1.448	1.193
161610	1.000	1.000	.625	1.716	2.344-2.374	2.279-2.309	1.448	1.233
161612	1.000	1.000	.750	1.716	2.344-2.374	2.360-2.390	1.448	1.303
161616	1.000	1.000	1.000	1.716	2.344-2.374	2.715-2.745	1.448	1.448
202010	1.250	1.250	.625	2.006	2.684-2.714	2.778-2.808	1.550	1.233
202012	1.250	1.250	.750	2.006	2.684-2.714	2.778-2.808	1.550	1.303
242010	1.500	1.250	.625	2.715	2.684-2.714	2.765-2.795	1.550	1.233
242012	1.500	1.250	.750	2.715	2.684-2.714	2.765-2.795	1.550	1.303



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TABLE 1B - DIMENSIONS E1 THROUGH H

BASIC NO. AS6471 /16/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	E1 +.000 -.003 /18/	E2 +.000 -.003 /18/	F1 /3/	F2 /3/	G	(H)
040404	.250	.250	.250	.338	.338	.257-.260	.257-.260	.375-.405	.563
050505	.3125	.3125	.3125	.413	.413	.319-.322	.319-.322	.450-.480	.625
060404	.375	.250	.250	.338	.338	.257-.260	.257-.260	.530-.560	.688
060406	.375	.250	.375	.338	.480	.257-.260	.382-.385	.530-.560	.688
060604	.375	.375	.250	.480	.338	.382-.385	.257-.260	.530-.560	.688
060606	.375	.375	.375	.480	.480	.382-.385	.382-.385	.530-.560	.688
060806	.375	.500	.375	.655	.480	.508-.511	.382-.385	.690-.720	.688
080408	.500	.250	.500	.338	.655	.257-.260	.508-.511	.690-.720	.875
080606	.500	.375	.375	.480	.480	.382-.385	.382-.385	.690-.720	.875
080608	.500	.375	.500	.480	.655	.382-.385	.508-.511	.690-.720	.875
080804	.500	.500	.250	.655	.338	.508-.511	.257-.260	.690-.720	.875
080806	.500	.500	.375	.655	.480	.508-.511	.382-.385	.690-.720	.875
080808	.500	.500	.500	.655	.655	.508-.511	.508-.511	.690-.720	.875
080810	.500	.500	.625	.655	.787	.508-.511	.633-.636	.846-.876	.875
081008	.500	.625	.500	.787	.655	.633-.636	.508-.511	.846-.876	.875
081208	.500	.750	.500	.929	.655	.758-.761	.508-.511	1.021-1.051	.875
081212	.500	.750	.750	.929	.929	.758-.761	.758-.761	1.021-1.051	.875
081216	.500	.750	1.000	.929	1.257	.758-.761	1.008-1.011	1.365-1.395	.875
081616	.500	1.000	1.000	1.257	1.257	1.008-1.011	1.008-1.011	1.365-1.395	.875
100610	.625	.375	.625	.480	.787	.382-.385	.633-.636	.846-.876	1.000
100806	.625	.500	.375	.655	.480	.508-.511	.382-.385	.846-.876	1.000
101004	.625	.625	.250	.787	.338	.633-.636	.257-.260	.846-.876	1.000
101006	.625	.625	.375	.787	.480	.633-.636	.382-.385	.846-.876	1.000
101010	.625	.625	.625	.787	.787	.633-.636	.633-.636	.846-.876	1.000
101210	.625	.750	.625	.929	.787	.758-.761	.633-.636	1.021-1.051	1.000
121010	.750	.625	.625	.787	.787	.633-.636	.633-.636	1.021-1.051	1.250
121012	.750	.625	.750	.787	.929	.633-.636	.758-.761	1.021-1.051	1.250
121206	.750	.750	.375	.929	.480	.758-.761	.382-.385	1.021-1.051	1.250
121212	.750	.750	.750	.929	.929	.758-.761	.758-.761	1.021-1.051	1.250
121604	.750	1.000	.250	1.257	.338	1.008-1.011	.257-.260	1.365-1.395	1.250
121616	.750	1.000	1.000	1.257	1.257	1.008-1.011	1.008-1.011	1.365-1.395	1.250
160812	1.000	.500	.750	.655	.929	.508-.511	.758-.761	1.365-1.395	1.500
161208	1.000	.750	.500	.929	.655	.758-.761	.508-.511	1.365-1.395	1.500
161212	1.000	.750	.750	.929	.929	.758-.761	.758-.761	1.365-1.395	1.500
161604	1.000	1.000	.250	1.257	.338	1.008-1.011	.257-.260	1.365-1.395	1.500
161606	1.000	1.000	.375	1.257	.480	1.008-1.011	.382-.385	1.365-1.395	1.500
161608	1.000	1.000	.500	1.257	.655	1.008-1.011	.508-.511	1.365-1.395	1.500
161610	1.000	1.000	.625	1.257	.787	1.008-1.011	.633-.636	1.365-1.395	1.500
161612	1.000	1.000	.750	1.257	.929	1.008-1.011	.758-.761	1.365-1.395	1.500
161616	1.000	1.000	1.000	1.257	1.257	1.008-1.011	1.008-1.011	1.365-1.395	1.500
202010	1.250	1.250	.625	1.489	.787	1.258-1.262	.633-.636	1.677-1.707	1.812
202012	1.250	1.250	.750	1.489	.929	1.258-1.262	.758-.761	1.677-1.707	1.812
242010	1.500	1.250	.625	1.489	.787	1.258-1.262	.633-.636	1.865-1.895	2.125
242012	1.500	1.250	.750	1.489	.929	1.258-1.262	.758-.761	1.865-1.895	2.125



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