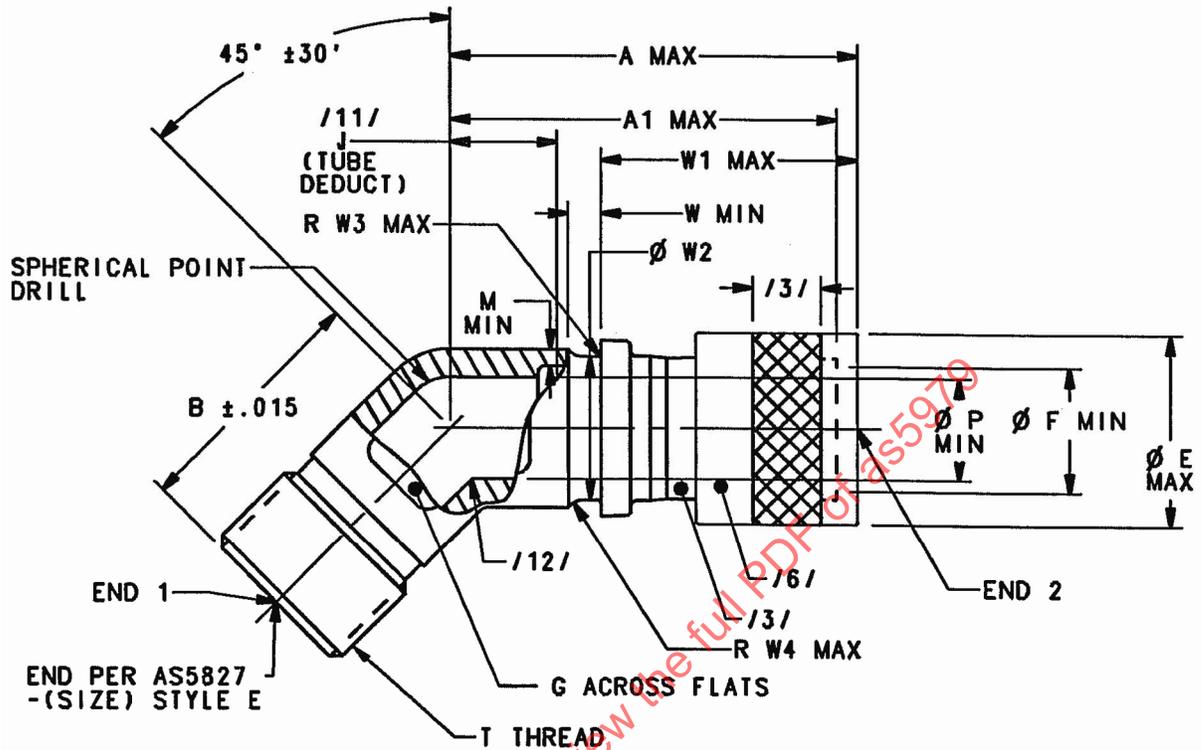


RATIONALE

THIS STANDARD WAS PREPARED TO PROVIDE AN ENVELOPE REQUIREMENTS FOR AN AXIALLY SWAGED, FIELD ATTACHABLE, 5000 PSI, TUBE FITTING.

AS5979

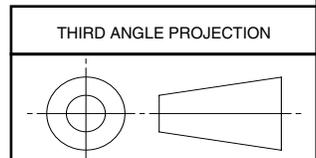
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(SEE TABLE 1A AND 1B FOR DIMENSIONAL INFORMATION)

FIGURE 1 - ELBOW, 90°, SWAGE

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ISSUED 2006-01

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: AS5958

SAE Aerospace
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AEROSPACE STANDARD

FITTING ASSEMBLY, 45°, MALE
FLARELESS, AXIALLY SWAGED,
HYDRAULIC, 5080 PSI

AS5979
SHEET 1 OF 3

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TABLE 1A - DIMENSIONS A THROUGH J

BASIC NO. AS5979 /13/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	A	A1	B	E	F	(G)	J /11/ TUBE DEDUCT
0404	.2500	.2500	.934	.847	.766	.466	.253	.348/.380	.352 ±.150
0604	.3750	.2500	1.013	.926	.861	.466	.253	.477/.509	.431 ±.150
0406	.2500	.3750	1.230	1.114	.845	.609	.378	.477/.509	.431 ±.150
0606	.3750	.3750	1.230	1.114	.861	.609	.378	.477/.509	.431 ±.150
0806	.5000	.3750	1.269	1.153	.993	.609	.378	.615/.647	.470 ±.150
0608	.3750	.5000	1.477	1.331	.900	.783	.504	.615/.647	.478 ±.175
0808	.5000	.5000	1.477	1.331	.993	.783	.504	.615/.647	.478 ±.175
1008	.6250	.5000	1.556	1.410	1.135	.783	.504	.751/.783	.557 ±.175
0810	.5000	.6250	1.850	1.646	1.072	.939	.629	.751/.783	.557 ±.175
1010	.6250	.6250	1.850	1.646	1.135	.939	.629	.751/.783	.557 ±.175
1210	.7500	.6250	1.929	1.725	1.277	.939	.629	.893/.929	.636 ±.175
1012	.6250	.7500	2.080	1.875	1.214	1.122	.754	.893/.929	.643 ±.175
1212	.7500	.7500	2.080	1.875	1.277	1.122	.754	.893/.929	.643 ±.175
1612	1.0000	.7500	2.198	1.993	1.395	1.122	.754	1.181/1.213	.761 ±.175
1216	.7500	1.0000	2.496	2.282	1.395	1.495	1.004	1.181/1.213	.768 ±.200
1616	1.0000	1.0000	2.496	2.282	1.395	1.495	1.004	1.181/1.213	.768 ±.200

TABLE 1B - DIMENSIONS M THROUGH W4 AND WEIGHTS

BASIC NO. AS5979 /13/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	M	P	T THREAD PER AS8879	W	W1	W2 ±.0015	W3	W4	MAX WEIGHT LBS/EA
0404	.2500	.2500	.043	.198	.4375-28UNJEF-3A	.123	.488	.3005	.018	.065	.019
0604	.3750	.2500	.045	.198	.5625-24UNJEF-3A	.123	.488	.3005	.018	.065	.028
0406	.2500	.3750	.045	.302	.4375-28UNJEF-3A	.153	.675	.4475	.033	.065	.029
0606	.3750	.3750	.045	.302	.5625-24UNJEF-3A	.153	.675	.4475	.033	.065	.037
0806	.5000	.3750	.052	.302	.7500-20UNJEF-3A	.153	.675	.4475	.033	.065	.054
0608	.3750	.5000	.052	.401	.5625-24UNJEF-3A	.165	.871	.5945	.033	.129	.051
0808	.5000	.5000	.052	.401	.7500-20UNJEF-3A	.165	.871	.5945	.033	.129	.070
1008	.6250	.5000	.057	.401	.8750-20UNJEF-3A	.165	.871	.5945	.033	.129	.102
0810	.5000	.6250	.057	.507	.7500-20UNJEF-3A	.140	1.190	.7365	.021	.078	.088
1010	.6250	.6250	.057	.507	.8750-20UNJEF-3A	.140	1.190	.7365	.021	.078	.121
1210	.7500	.6250	.065	.607	1.0625-18UNJEF-3A	.140	1.190	.7365	.021	.078	.187
1012	.6250	.7500	.065	.604	.8750-20UNJEF-3A	.154	1.327	.8805	.024	.089	.452
1212	.7500	.7500	.065	.604	1.0625-18UNJEF-3A	.154	1.327	.8805	.024	.089	.187
1612	1.0000	.7500	.084	.604	1.3125-16UNJ-3A	.154	1.327	.8805	.024	.089	.282
1216	.7500	1.0000	.084	.802	1.0625-18UNJEF-3A	.167	1.612	1.1725	.027	.099	.285
1616	1.0000	1.0000	.084	.802	1.3125-16UNJ-3A	.167	1.612	1.1725	.027	.099	.384