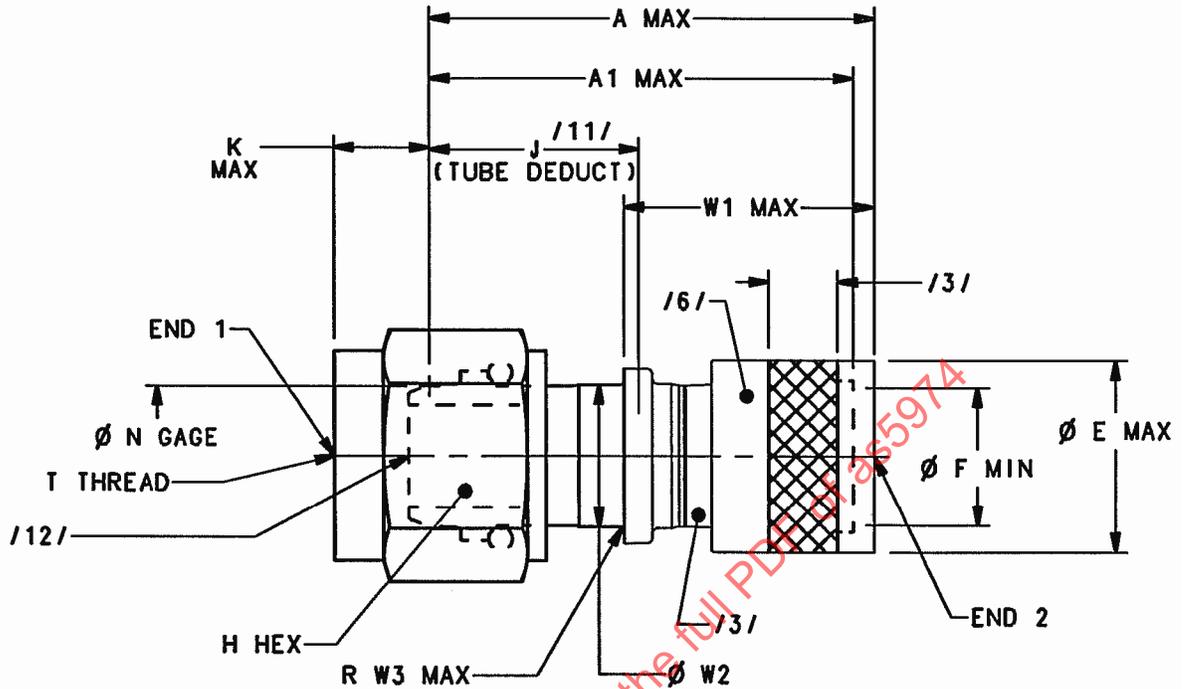


RATIONALE

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

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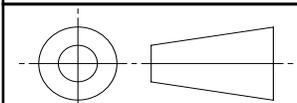
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(SEE TABLE 1A AND 1B FOR DIMENSIONAL INFORMATION)

FIGURE 1 - ADAPTER, SWAGE

THIRD ANGLE PROJECTION



ISSUED 2006-01

CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: AS5958

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AEROSPACE STANDARD

FITTING ASSEMBLY, STRAIGHT, FEMALE
FLARELESS, AXIALLY SWAGED,
HYDRAULIC, 5080 PSI

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TABLE 1A - DIMENSIONS A THROUGH K

BASIC NO. AS5974 /13/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	A	A1	E	F	(H)	J /11/ TUBE DEDUCT		K
0404	.2500	.2500	1.131	1.044	.466	.253	.563	.669	±.030	.325
0604	.3750	.2500	1.316	1.229	.466	.253	.688	.734	±.150	.337
0406	.2500	.3750	1.325	1.209	.609	.378	.563	.646	±.030	.325
0606	.3750	.3750	1.373	1.257	.609	.378	.688	.694	±.030	.337
0806	.5000	.3750	1.711	1.595	.609	.378	.875	.912	±.150	.380
0608	.3750	.5000	1.624	1.478	.783	.504	.688	.770	±.030	.337
0808	.5000	.5000	1.664	1.518	.783	.504	.875	.810	±.030	.380
1008	.6250	.5000	2.044	1.898	.783	.504	1.000	1.045	±.175	.407
0810	.5000	.6250	2.129	1.925	.939	.629	.875	.981	±.030	.380
1010	.6250	.6250	2.127	1.923	.939	.629	1.000	.979	±.030	.407
1210	.7500	.6250	2.305	2.100	.939	.629	1.250	1.011	±.175	.433
1012	.6250	.7500	2.330	2.125	1.122	.754	1.000	1.038	±.030	.407
1212	.7500	.7500	2.295	2.090	1.122	.754	1.250	1.003	±.030	.433
1612	1.0000	.7500	2.567	2.362	1.122	.754	1.500	1.130	±.175	.437
1216	.7500	1.0000	2.662	2.448	1.495	1.004	1.250	1.104	±.030	.433
1616	1.0000	1.0000	2.692	2.478	1.495	1.004	1.500	1.134	±.030	.437

TABLE 1B - DIMENSIONS N THROUGH W3 AND WEIGHTS

BASIC NO. AS5974 /13/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	N GAGE	T THREAD PER AS8879	W1	W2	W3 ±.0015	MAX WEIGHT LBS/EA
0404	.2500	.2500	.2930	.4375-28UNJEF-3B	.488	.3005	.018	.024
0604	.3750	.2500	.4160	.5625-24UNJEF-3B	.488	.3005	.018	.038
0406	.2500	.3750	.2930	.4375-28UNJEF-3B	.675	.4475	.033	.043
0606	.3750	.3750	.4160	.5625-24UNJEF-3B	.675	.4475	.033	.043
0806	.5000	.3750	.5600	.7500-20UNJEF-3B	.675	.4475	.033	.065
0608	.3750	.5000	.4160	.5625-24UNJEF-3B	.871	.5945	.033	.067
0808	.5000	.5000	.5600	.7500-20UNJEF-3B	.871	.5945	.033	.068
1008	.6250	.5000	.6860	.8750-20UNJEF-3B	.871	.5945	.033	.097
0810	.5000	.6250	.5600	.7500-20UNJEF-3B	1.190	.7365	.021	.130
1010	.6250	.6250	.6860	.8750-20UNJEF-3B	1.190	.7365	.021	.116
1210	.7500	.6250	.8100	1.0625-18UNJEF-3B	1.190	.7365	.021	.157
1012	.6250	.7500	.6860	.8750-20UNJEF-3B	1.327	.8805	.024	.163
1212	.7500	.7500	.8100	1.0625-18UNJEF-3B	1.327	.8805	.024	.173
1612	1.0000	.7500	1.0620	1.3125-16UNJ-3B	1.327	.8805	.024	.233
1216	.7500	1.0000	.8100	1.0625-18UNJEF-3B	1.612	1.1725	.027	.297
1616	1.0000	1.0000	1.0620	1.3125-16UNJ-3B	1.612	1.1725	.027	.352

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