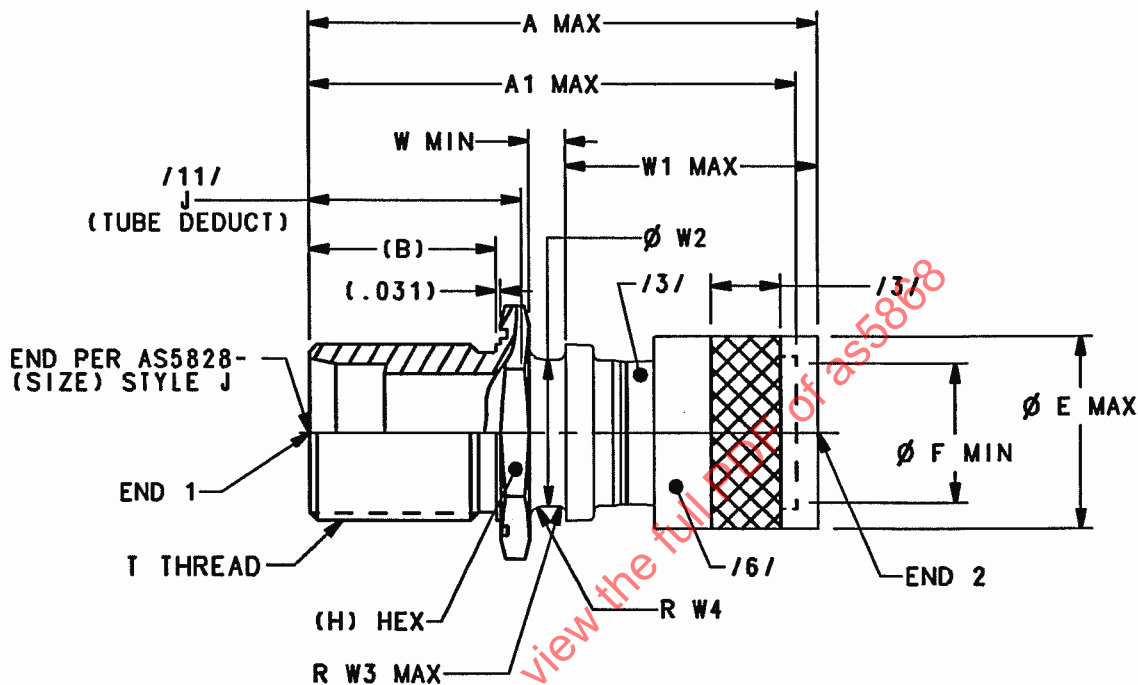


RATIONALE

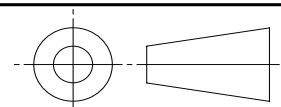
THIS STANDARD WAS PREPARED TO PROVIDE AN ENVELOPE REQUIREMENTS FOR AN AXIALLY SWAGED, FIELD ATTACHABLE, 5000 PSI, TUBE FITTING.



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

FIGURE 1 - ADAPTER, SWAGE

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: AS5958

SAE Aerospace
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AEROSPACE STANDARD

FITTING ASSEMBLY, ADAPTER,
BULKHEAD FLARELESS, AXIALLY SWAGED,
HYDRAULIC, 5080 PSI

AS5868
SHEET 1 OF 3

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TABLE 1A - DIMENSIONS A THROUGH J

BASIC NO. AS5868 /13/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	A	A1	(B)	E	F	(H)	J /11/ TUBE DUCT
0404	.2500	.2500	1.857	1.770	.938	.466	.253	.812	1.275 ±.150
0604	.3750	.2500	1.923	1.836	.984	.466	.253	1.000	1.341 ±.150
0406	.2500	.3750	2.094	1.978	.938	.609	.378	1.000	1.295 ±.150
0606	.3750	.3750	2.140	2.024	.984	.609	.378	1.000	1.341 ±.150
0806	.5000	.3750	2.296	2.180	1.125	.609	.378	1.125	1.497 ±.150
0608	.3750	.5000	2.363	2.217	.984	.783	.504	1.125	1.364 ±.175
0808	.5000	.5000	2.504	2.358	1.125	.783	.504	1.125	1.505 ±.175
1008	.6250	.5000	2.660	2.514	1.266	.783	.504	1.250	1.661 ±.175
0810	.5000	.6250	2.813	2.609	1.125	.939	.629	1.250	1.520 ±.175
1010	.6250	.6250	2.954	2.750	1.266	.939	.629	1.250	1.661 ±.175
1210	.7500	.6250	3.083	2.879	1.375	.939	.629	1.438	1.790 ±.175
1012	.6250	.7500	3.125	2.920	1.266	1.122	.754	1.438	1.688 ±.175
1212	.7500	.7500	3.234	3.029	1.375	1.122	.754	1.438	1.797 ±.175
1612	1.0000	.7500	3.234	3.029	1.375	1.122	.754	2.125	1.797 ±.175
1216	.7500	1.0000	3.532	3.318	1.375	1.495	1.004	2.125	1.804 ±.200
1616	1.0000	1.0000	3.532	3.318	1.375	1.495	1.004	2.125	1.804 ±.200

TABLE 1B - DIMENSIONS W THROUGH W4 AND WEIGHTS

BASIC NO. AS5975 /13/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	T THREAD PER AS8879	W	W1	W2	W3	W4	AS568 O'RING /12/	MAX WEIGHT LBS/EA
0404	.2500	.2500	.4375-28UNJEF-3A	.123	.488	.3005	.018	.065	-15	.047
0604	.3750	.2500	.5625-24UNJEF-3A	.123	.488	.3005	.018	.065	-17	.055
0406	.2500	.3750	.4375-28UNJEF-3A	.153	.675	.4475	.033	.065	-17	.056
0606	.3750	.3750	.5625-24UNJEF-3A	.153	.675	.4475	.033	.065	-17	.064
0806	.5000	.3750	.7500-20UNJEF-3A	.153	.675	.4475	.033	.065	-20	.070
0608	.3750	.5000	.5625-24UNJEF-3A	.165	.871	.5945	.033	.129	-20	.080
0808	.5000	.5000	.7500-20UNJEF-3A	.165	.871	.5945	.033	.129	-20	.086
1008	.6250	.5000	.8750-20UNJEF-3A	.165	.871	.5945	.033	.129	-22	.102
0810	.5000	.6250	.7500-20UNJEF-3A	.140	1.190	.7365	.021	.078	-22	.107
1010	.6250	.6250	.8750-20UNJEF-3A	.140	1.190	.7365	.021	.078	-22	.123
1210	.7500	.6250	1.0625-18UNJEF-3A	.140	1.190	.7365	.021	.078	-25	.126
1012	.6250	.7500	.8750-20UNJEF-3A	.154	1.327	.8805	.024	.089	-25	.154
1212	.7500	.7500	1.0625-18UNJEF-3A	.154	1.327	.8805	.024	.089	-25	.157
1612	1.0000	.7500	1.3125-16UNJ-3A	.154	1.327	.8805	.024	.089	-30	.197
1216	.7500	1.0000	1.0625-18UNJEF-3A	.167	1.612	1.1725	.027	.099	-30	.254
1616	1.0000	1.0000	1.3125-16UNJ-3A	.167	1.612	1.1725	.027	.099	-30	.324