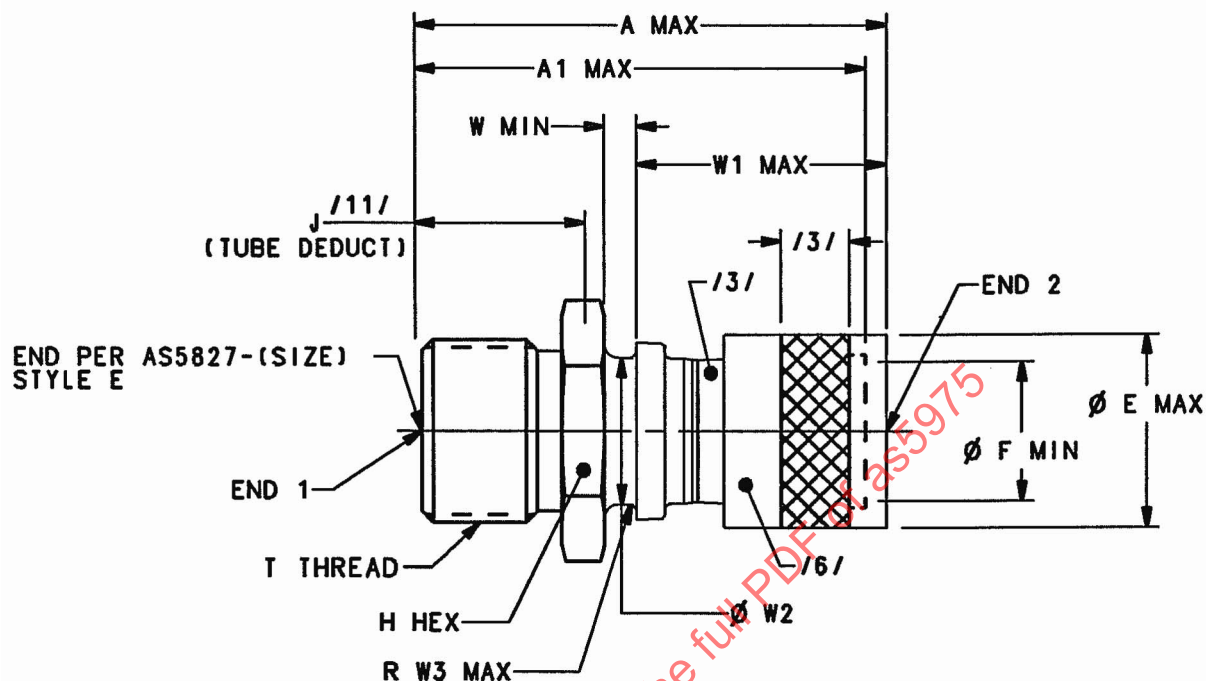


AS5975

RATIONALE

FEDERAL SUPPLY CLASS
4730

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

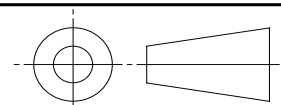


(SEE TABLE 1A AND 1B FOR DIMENSIONAL INFORMATION)

FIGURE 1.- ADAPTER, SWAGE

SAENORM.COM : Click to view the full PDF of AS5975

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: AS5958

SAE Aerospace
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AEROSPACE STANDARD

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

AS5975
SHEET 1 OF 3

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ISSUED 2006-01

TABLE 1A - DIMENSIONS A THROUGH J

BASIC NO. AS5975 /12/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	A	A1	E	F	(H)	J /11/ TUBE DEDUCT
0404	.2500	.2500	1.247	1.160	.466	.253	.438	.665 ±.150
0604	.3750	.2500	1.278	1.191	.466	.253	.563	.696 ±.150
0406	.2500	.3750	1.477	1.361	.609	.378	.563	.678 ±.150
0606	.3750	.3750	1.493	1.377	.609	.378	.563	.694 ±.150
0806	.5000	.3750	1.566	1.450	.609	.378	.750	.767 ±.150
0608	.3750	.5000	1.717	1.571	.783	.504	.750	.718 ±.175
0808	.5000	.5000	1.810	1.664	.783	.504	.750	.811 ±.175
1008	.6250	.5000	1.877	1.731	.783	.504	1.000	.878 ±.175
0810	.5000	.6250	2.112	1.918	.939	.629	1.000	.829 ±.175
1010	.6250	.6250	2.171	1.967	.939	.629	1.000	.878 ±.175
1210	.7500	.6250	2.258	2.064	.939	.629	1.063	.975 ±.175
1012	.6250	.7500	2.346	2.151	1.122	.754	1.063	.919 ±.175
1212	.7500	.7500	2.391	2.186	1.122	.754	1.063	.954 ±.175
1612	1.0000	.7500	2.435	2.240	1.122	.754	1.313	1.008 ±.175
1216	.7500	1.0000	2.733	2.529	1.495	1.004	1.313	1.015 ±.200
1616	1.0000	1.0000	2.697	2.483	1.495	1.004	1.313	.969 ±.200

TABLE 1B - DIMENSIONS W THROUGH W3 AND WEIGHTS

BASIC NO. AS5975 /12/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	T THREAD PER AS8879	W	W1	W2 ±.0015	W3	MAX WEIGHT LBS/EA
0404	.2500	.2500	.4375-28UNJEF-3A	.123	.488	.3005	.018	.017
0604	.3750	.2500	.5625-24UNJEF-3A	.123	.488	.3005	.018	.024
0406	.2500	.3750	.4375-28UNJEF-3A	.153	.675	.4475	.033	.026
0606	.3750	.3750	.5625-24UNJEF-3A	.153	.675	.4475	.033	.029
0806	.5000	.3750	.7500-20UNJEF-3A	.153	.675	.4475	.033	.047
0608	.3750	.5000	.5625-24UNJEF-3A	.165	.871	.5945	.033	.045
0808	.5000	.5000	.7500-20UNJEF-3A	.165	.871	.5945	.033	.063
1008	.6250	.5000	.8750-20UNJEF-3A	.165	.871	.5945	.033	.081
0810	.5000	.6250	.7500-20UNJEF-3A	.140	1.190	.7365	.021	.082
1010	.6250	.6250	.8750-20UNJEF-3A	.140	1.190	.7365	.021	.100
1210	.7500	.6250	1.0625-18UNJEF-3A	.140	1.190	.7365	.021	.162
1012	.6250	.7500	.8750-20UNJEF-3A	.154	1.327	.8805	.024	.132
1212	.7500	.7500	1.0625-18UNJEF-3A	.154	1.327	.8805	.024	.159
1612	1.0000	.7500	1.3125-16UNJ-3A	.154	1.327	.8805	.024	.247
1216	.7500	1.0000	1.0625-18UNJEF-3A	.167	1.612	1.1725	.027	.260
1616	1.0000	1.0000	1.3125-16UNJ-3A	.167	1.612	1.1725	.027	.332