

RATIONALE

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

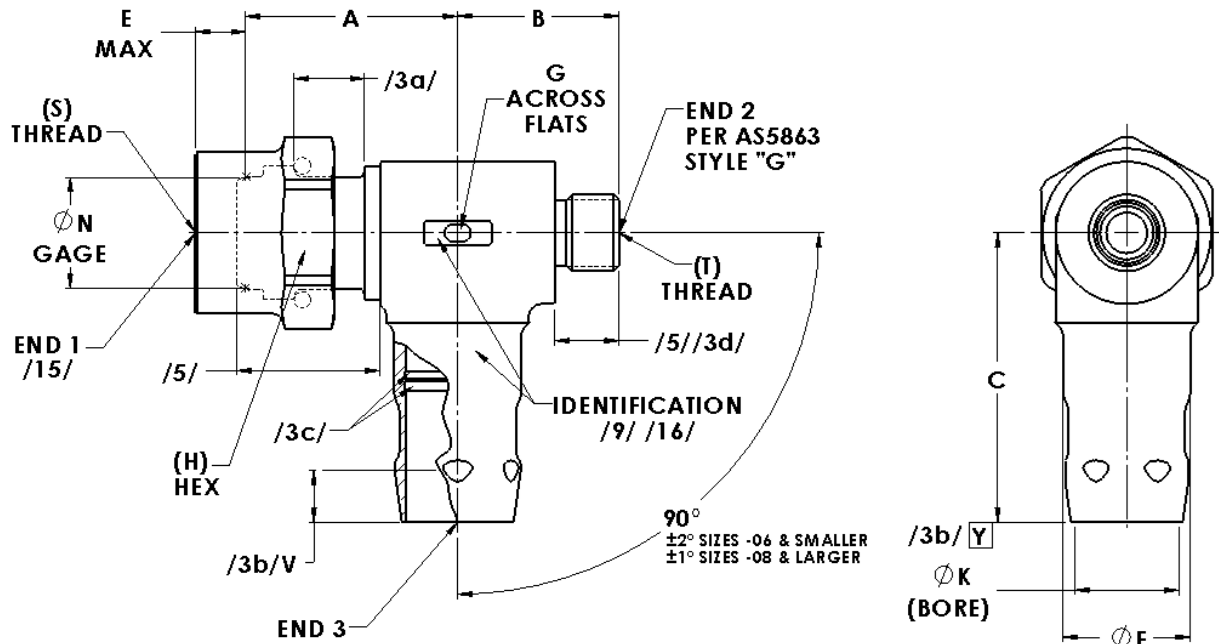
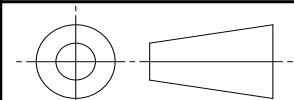


FIGURE 1 - TEE ADAPTER ASSEMBLY, SWIVEL NUT TO FLARELESS ON RUN, EXTERNAL SWAGE ON SIDE

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://standards.sae.org/AS6494>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS4459 /6/



AEROSPACE STANDARD

FITTING, TEE, SWIVEL NUT TO MALE FLARELESS ON
RUN, EXTERNAL SWAGE ON SIDE

AS6494™
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TABLE 1A - DIMENSIONS A THROUGH F

BASIC NO. AS6494 /16/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	A ±.015	B	C	E MAX	F
080806	.500	.500	.375	1.253	1.258-1.288	1.375-1.405	.310	.480+.000/- .003
102020	.625	1.250	1.250	1.789	1.481-1.511	2.646-2.676	.418	1.489+.000/- .003
120612	.750	.375	.750	1.546	1.161-1.191	2.093-2.123	.382	.929+.000/- .003
121012	.750	.625	.750	1.546	1.317-1.347	2.093-2.123	.382	.929+.000/- .003
201020	1.250	.625	1.250	1.991	1.481-1.511	3.085-3.115	.459	1.489+.000/- .003
201220	1.250	.750	1.250	1.991	1.544-1.574	3.085-3.115	.459	1.489+.000/- .003
202012	1.250	1.250	.750	1.991	1.544-1.574	2.513-2.543	.459	.929+.000/- .003

TABLE 1B - DIMENSIONS G THROUGH N

BASIC NO. AS6494 /16/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	G	(H)	K	ØN GAGE
080806	.500	.500	.375	.690- .720	.875	.382- .385	.5600
102020	.625	1.250	1.250	1.677-1.707	1.000	1.258-1.262	.6730
120612	.750	.375	.750	1.021-1.051	1.250	.758- .761	.8100
121012	.750	.625	.750	1.021-1.051	1.250	.758- .761	.8100
201020	1.250	.625	1.250	1.677-1.707	1.812	1.258-1.262	1.3160
201220	1.250	.750	1.250	1.677-1.707	1.812	1.258-1.262	1.3160
202012	1.250	1.250	.750	1.677-1.707	1.812	.758- .761	1.3160

TABLE 1C - THREADS, DIMENSION V, AND WEIGHTS

BASIC NO. AS6494 /16/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	(S) THREAD PER AS8879	(T) THREAD PER AS8879	V /3/	WEIGHT APPROX LB/EA CRES	WEIGHT APPROX LB/EA TI	WEIGHT APPROX LB/EA AL
080806	.500	.500	.375	.7500-16 UNJF-3B	.7500-16 UNJF-3A	.220-.270	.290	.146	.088
102020	.625	1.250	1.250	.8750-14 UNJF-3B	1.6250-12 UNJ-3A	.325-.350	1.162	.661	.397
120612	.750	.375	.750	1.0625-12 UNJ-3B	.5625-18 UNJF-3A	.365-.390	.418	.238	.187
121012	.750	.625	.750	1.0625-12 UNJ-3B	.8750-14 UNJF-3A	.365-.390	.533	.303	.195
201020	1.250	.625	1.250	1.6250-12 UNJ-3B	.8750-14 UNJF-3A	.325-.350	1.304	.751	.452
201220	1.250	.750	1.250	1.6250-12 UNJ-3B	1.0625-12 UNJ-3A	.325-.350	1.252	.721	.434
202012	1.250	1.250	.750	1.6250-12 UNJ-3B	1.6250-12 UNJ-3A	.365-.390	1.257	.724	.435



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