

RATIONALE

1. REVISE FINISH NOTE 3 TO ALLOW ANODIZE RING OPTION FOR NO CODE PART NUMBERS AND CLARIFY THE INTENDED USAGE OF BLUE COLOR MARKING.
2. REVISE NOTE 15 AND 16 TO CLARIFY THE USAGE OF ANODIZE RINGS.
3. UPDATING STANDARD TO INCLUDE NEW CLASS "D" CODE TO DENOTE USE ON ALUMINUM TUBING. SEE NOTE 21 FOR DETAILS.
4. REVISE NOTE 4 TO CLARIFY PROCUREMENT. WORDING IN ACCORDANCE WITH AS5969 REVISION F.

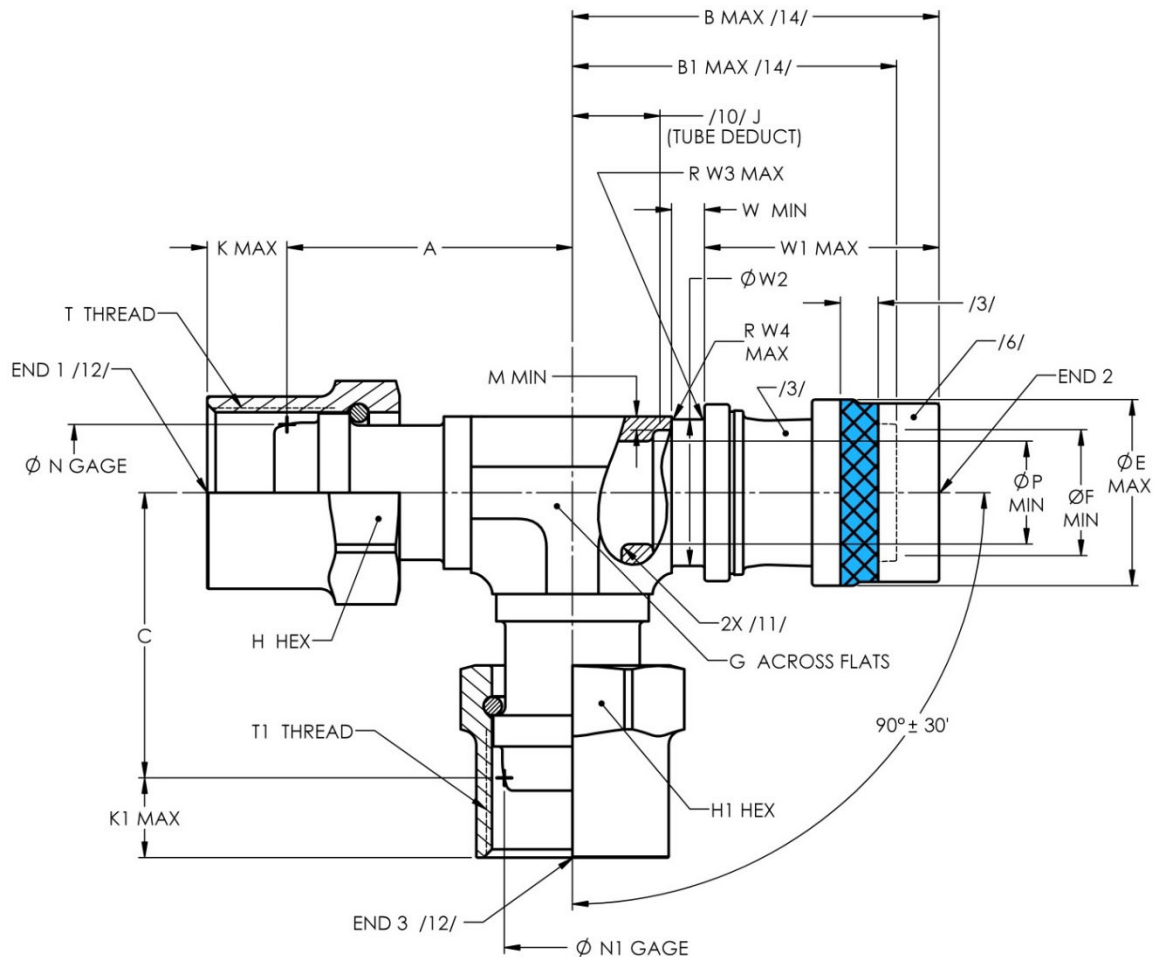
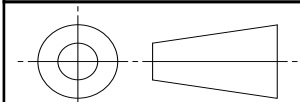


FIGURE 1 - TEE, FEMALE FLARELESS AND AXIALLY SWAGE ON RUN, FEMALE FLARELESS ON THE BRANCH

(SEE TABLES 1A THROUGH 1C FOR DIMENSIONS AND WEIGHTS)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5808D>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS5958 /4/



AEROSPACE STANDARD

FITTING ASSEMBLY, TEE FEMALE FLARELESS
AND AXIALLY SWAGE ON RUN, FEMALE FLARELESS
ON THE BRANCH, HYDRAULIC, 3000 PSI

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TABLE 1A - DIMENSIONS A THROUGH H1

BASIC NO. AS5808 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	A ±.015	B MAX	B1 MAX	C ±.015	E MAX	F MIN	G	(H)	(H1)
060606	.3750	.3750	.3750	1.040	1.215	1.099	1.040	.609	.378	.477-.509	.688	.688
060608	.3750	.3750	.5000	1.133	1.308	1.192	1.229	.609	.378	.615-.647	.688	.875
060808	.3750	.5000	.5000	1.133	1.516	1.370	1.229	.783	.504	.615-.647	.688	.875
080608	.5000	.3750	.5000	1.229	1.308	1.192	1.229	.609	.378	.615-.647	.875	.875
100812	.6250	.5000	.7500	1.560	1.704	1.558	1.592	.783	.504	.893-.925	1.000	1.250
101006	.6250	.6250	.3750	1.435	1.873	1.669	1.198	.939	.629	.751-.783	1.000	.688
101012	.6250	.6250	.7500	1.560	1.998	1.794	1.592	.939	.629	.893-.925	1.000	1.250
120812	.7500	.5000	.7500	1.592	1.704	1.558	1.592	.783	.504	.893-.925	1.250	1.250

TABLE 1B - DIMENSIONS J THROUGH T

BASIC NO. AS5808 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	J /10/ TUBE DUCT	K MAX	K1 MAX	M MIN	N GAGE	N1 GAGE	P MIN	T THREAD PER AS8879
060606	.3750	.3750	.3750	.416 ±.150	.337	.337	.045	.4160	.4160	.302	.5625-18 UNJF-3B
060608	.3750	.3750	.5000	.509 ±.150	.337	.380	.052	.4160	.5600	.302	.5625-18 UNJF-3B
060808	.3750	.5000	.5000	.517 ±.175	.337	.380	.052	.4160	.5600	.401	.5625-18 UNJF-3B
080608	.5000	.3750	.5000	.509 ±.150	.380	.380	.052	.5600	.5600	.302	.7500-16 UNJF-3B
100812	.6250	.5000	.7500	.705 ±.175	.418	.433	.065	.6860	.8100	.401	.8750-14 UNJF-3B
101006	.6250	.6250	.3750	.580 ±.175	.418	.337	.057	.6860	.4160	.507	.8750-14 UNJF-3B
101012	.6250	.6250	.7500	.705 ±.175	.418	.433	.065	.6860	.8100	.507	.8750-14 UNJF-3B
120812	.7500	.5000	.7500	.705 ±.175	.433	.433	.065	.8100	.8100	.401	1.0625-12 UNJ-3B

TABLE 1C - DIMENSIONS T1 THROUGH W4 AND WEIGHTS

BASIC NO. AS5808 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	T1 THREAD PER AS8879	W MIN	W1 MAX	W2 ±.0015	W3 MAX	W4 MAX	WEIGHT LB/EA APPROX REF
060606	.3750	.3750	.3750	.5625-18 UNJF-3B	.153	.675	.4475	.033	.065	.089
060608	.3750	.3750	.5000	.7500-16 UNJF-3B	.153	.675	.4475	.033	.065	.135
060808	.3750	.5000	.5000	.7500-16 UNJF-3B	.165	.871	.5945	.033	.129	.141
080608	.5000	.3750	.5000	.7500-16 UNJF-3B	.153	.675	.4475	.033	.065	.150
100812	.6250	.5000	.7500	1.0625-12 UNJ-3B	.165	.871	.5945	.033	.129	.327
101006	.6250	.6250	.3750	.5625-18 UNJF-3B	.140	1.190	.7365	.021	.078	.214
101012	.6250	.6250	.7500	1.0625-12 UNJ-3B	.140	1.190	.7365	.021	.078	.341
120812	.7500	.5000	.7500	1.0625-12 UNJ-3B	.165	.871	.5945	.033	.129	.350



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