

REV.
C

AS5804™

FEDERAL SUPPLY CLASS
4730

RATIONALE

1. REVISE FINISH NOTE 3 TO ALLOW ANODIZE RING OPTION FOR NO CODE PART NUMBERS AND CLARIFY 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 19 FOR DETAILS.
4. REVISE NOTE 4 TO CLARIFY PROCUREMENT. WORDING IN ACCORDANCE WITH AS5969 REVISION F.

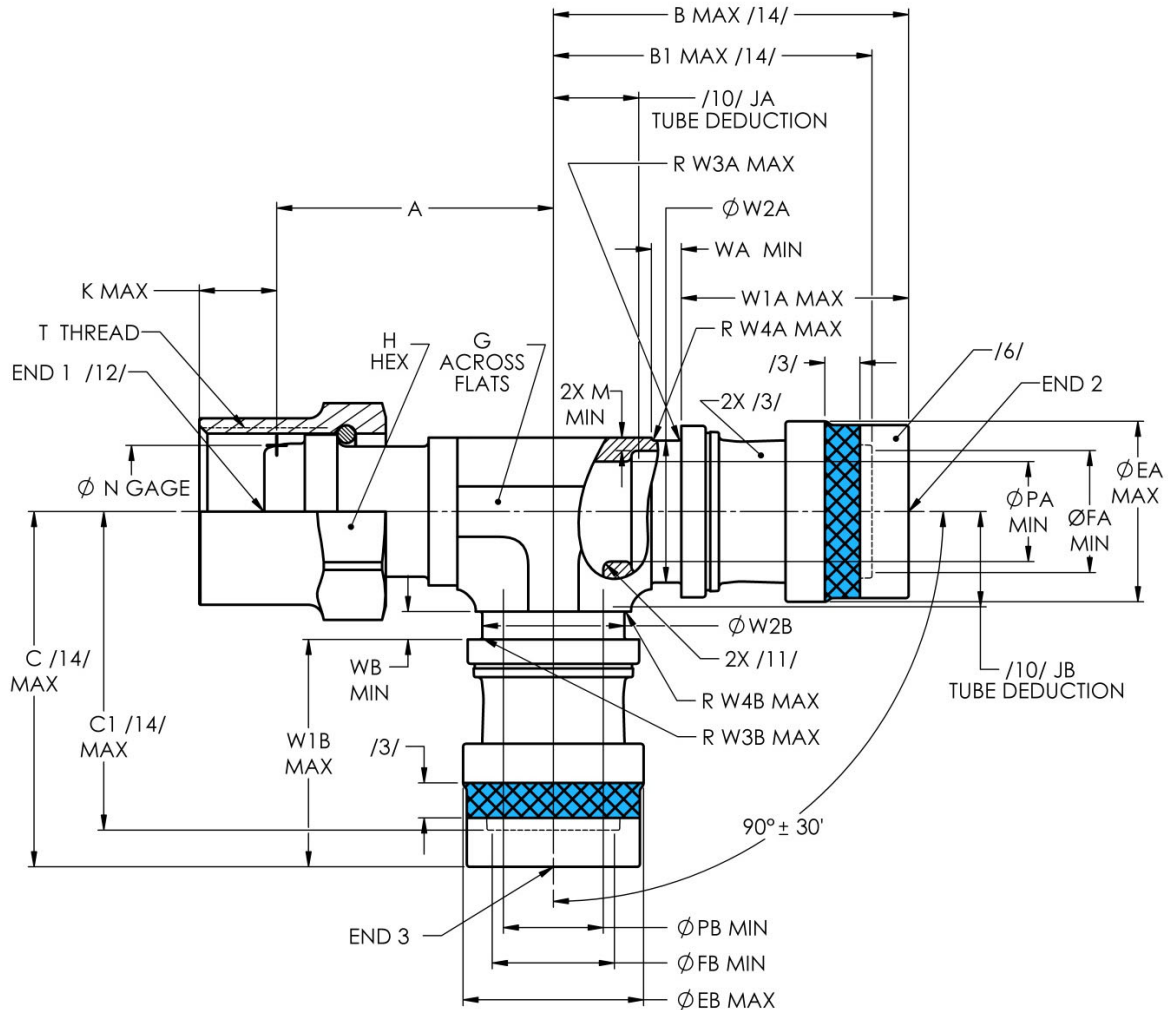
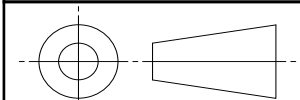


FIGURE 1 - TEE, FEMALE FLARELESS AND AXIALLY SWAGED ON THE RUN, AXIALLY SWAGED ON THE BRANCH

(SEE TABLES 1A, 1B, AND 1C FOR DIMENSIONS AND WEIGHTS)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5804C/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS5958 /4/



AEROSPACE STANDARD

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

AS5804™
SHEET 1 OF 5

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Documents

TABLE 1A - DIMENSIONS A THROUGH FB

BASIC NO. AS5804 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	T THREAD PER AS8879	A ±.015	B MAX	B1 MAX	C MAX	C1 MAX	EA MAX	EB MAX	FA MIN	FB MIN
040404	.2500	.2500	.2500	.4375-20 UNJF-3B	.878	.935	.848	.935	.848	.466	.466	.253	.253
040606	.2500	.3750	.3750	.4375-20 UNJF-3B	.937	1.215	1.099	1.215	1.099	.609	.609	.378	.378
060406	.3750	.2500	.3750	.5625-18 UNJF-3B	1.040	.998	.911	1.215	1.099	.466	.609	.253	.378
060604	.3750	.3750	.2500	.5625-18 UNJF-3B	1.040	1.215	1.099	.998	.911	.609	.466	.378	.253
060606	.3750	.3750	.3750	.5625-18 UNJF-3B	1.040	1.215	1.099	1.215	1.099	.609	.609	.378	.378
080606	.5000	.3750	.3750	.7500-16 UNJF-3B	1.229	1.308	1.192	1.308	1.192	.609	.609	.378	.378
080806	.5000	.5000	.3750	.7500-16 UNJF-3B	1.229	1.516	1.370	1.308	1.192	.783	.609	.504	.378
080808	.5000	.5000	.5000	.7500-16 UNJF-3B	1.229	1.516	1.370	1.516	1.370	.783	.783	.504	.504
100808	.6250	.5000	.5000	.8750-14 UNJF-3B	1.435	1.579	1.433	1.579	1.433	.783	.783	.504	.504
101004	.6250	.6250	.2500	.8750-14 UNJF-3B	1.435	1.873	1.669	1.154	1.067	.939	.466	.629	.253
101006	.6250	.6250	.3750	.8750-14 UNJF-3B	1.435	1.873	1.669	1.371	1.255	.939	.609	.629	.378
101008	.6250	.6250	.5000	.8750-14 UNJF-3B	1.435	1.873	1.669	1.579	1.433	.939	.783	.629	.504
101010	.6250	.6250	.6250	.8750-14 UNJF-3B	1.435	1.873	1.669	1.873	1.669	.939	.939	.629	.629
101212	.6250	.7500	.7500	.8750-14 UNJF-3B	1.560	2.149	1.944	2.149	1.944	1.122	1.122	.754	.754
121210	.7500	.7500	.6250	1.0625-12 UNJ-3B	1.592	2.149	1.944	1.998	1.794	1.122	.939	.754	.629
121212	.7500	.7500	.7500	1.0625-12 UNJ-3B	1.592	2.149	1.944	2.149	1.944	1.122	1.122	.754	.754
161616	1.0000	1.0000	1.0000	1.3125-12 UNJ-3B	1.862	2.606	2.392	2.606	2.392	1.495	1.495	1.004	1.004
202020	1.2500	1.2500	1.2500	1.6250-12 UNJ-3B	2.024	3.020	2.796	3.020	2.796	1.758	1.758	1.255	1.255

TABLE 1B - DIMENSIONS G THROUGH PB

BASIC NO. AS5804 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	G	(H)	JA /10/ TUBE DEDUCT	JB /10/ TUBE DEDUCT	K MAX	M MIN	N GAGE	PA MIN	PB MIN
040404	.2500	.2500	.2500	.348- .380	.563	.353 ± .150	.353 ± .150	.325	.043	.2930	.198	.198
040606	.2500	.3750	.3750	.477- .509	.563	.416 ± .150	.416 ± .150	.325	.045	.2930	.302	.302
060406	.3750	.2500	.3750	.477- .509	.688	.416 ± .150	.416 ± .150	.337	.045	.4160	.198	.302
060604	.3750	.3750	.2500	.477- .509	.688	.416 ± .150	.416 ± .150	.337	.045	.4160	.302	.198
060606	.3750	.3750	.3750	.477- .509	.688	.416 ± .150	.416 ± .150	.337	.045	.4160	.302	.302
080606	.5000	.3750	.3750	.615- .647	.875	.509 ± .150	.509 ± .150	.380	.052	.5600	.302	.302
080806	.5000	.5000	.3750	.615- .647	.875	.517 ± .175	.509 ± .150	.380	.052	.5600	.401	.302
080808	.5000	.5000	.5000	.615- .647	.875	.517 ± .175	.517 ± .175	.380	.052	.5600	.401	.401
100808	.6250	.5000	.5000	.751- .783	1.000	.580 ± .175	.580 ± .175	.418	.057	.6860	.401	.401
101004	.6250	.6250	.2500	.751- .783	1.000	.580 ± .175	.572 ± .150	.418	.057	.6860	.507	.198
101006	.6250	.6250	.3750	.751- .783	1.000	.580 ± .175	.572 ± .150	.418	.057	.6860	.507	.302
101008	.6250	.6250	.5000	.751- .783	1.000	.580 ± .175	.580 ± .175	.418	.057	.6860	.507	.401
101010	.6250	.6250	.6250	.751- .783	1.000	.580 ± .175	.580 ± .175	.418	.057	.6860	.507	.507
101212	.6250	.7500	.7500	.893- .925	1.000	.712 ± .175	.712 ± .175	.418	.065	.6860	.604	.604
121210	.7500	.7500	.6250	.893- .925	1.250	.712 ± .175	.705 ± .175	.433	.065	.8100	.604	.507
121212	.7500	.7500	.7500	.893- .925	1.250	.712 ± .175	.712 ± .175	.433	.065	.8100	.604	.604
161616	1.0000	1.0000	1.0000	1.181-1.213	1.500	.878 ± .200	.878 ± .200	.447	.084	1.0620	.802	.802
202020	1.2500	1.2500	1.2500	1.609-1.641	2.000	1.009 ± .200	1.009 ± .200	.460	.174	1.3160	1.011	1.011

	AEROSPACE STANDARD		AS5804™ SHEET 2 OF 5	REV. C
	FITTING ASSEMBLY, TEE, FEMALE FLARELESS AND AXIALLY SWAGED ON THE RUN, AXIALLY SWAGED ON THE BRANCH, HYDRAULIC, 3000 PSI			