

REV.
C

AS4696™

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISE TABLES TO SEPERATE TITANIUM AND CORROSION RESISTANT STEEL PART NUMBERS.
REVISE NOTE /15/ AND /16/ TO INCLUDE CORROSION RESISTANT MATERIAL AND TO ADD CLARIFICATION ON USAGE.

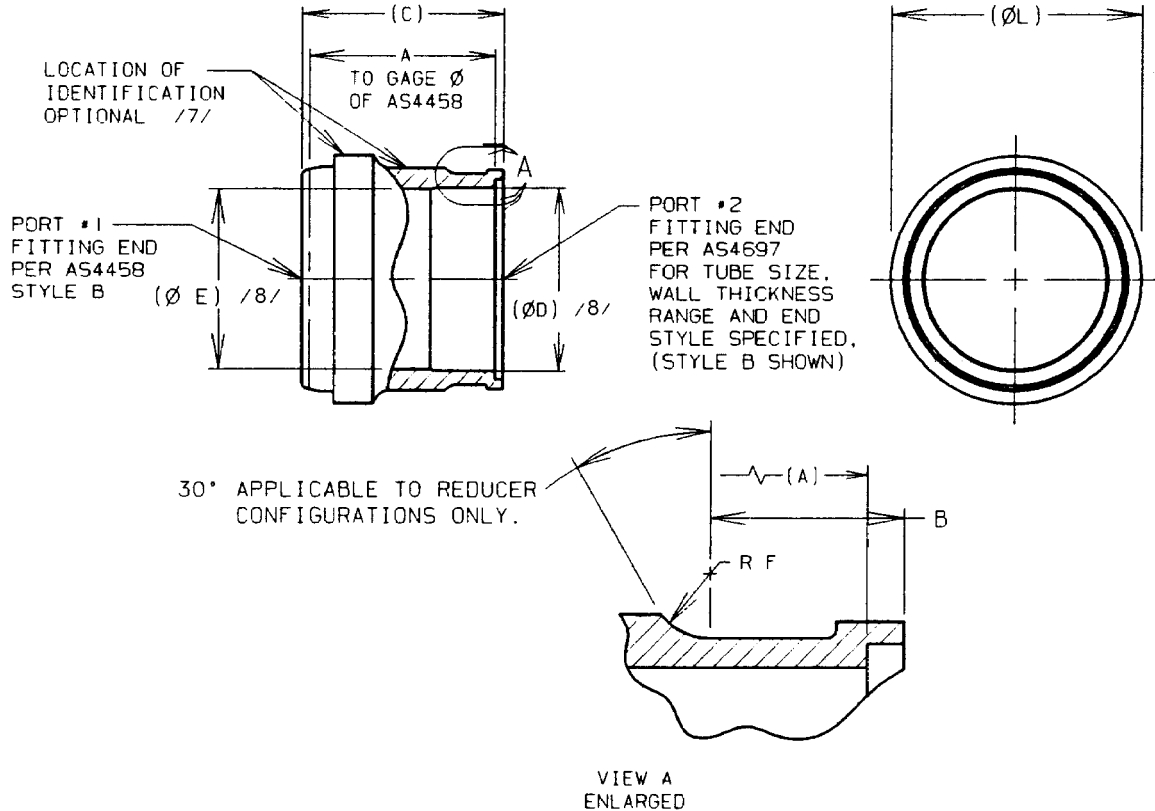
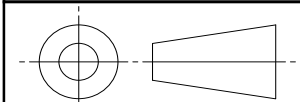


FIGURE 1 - SLEEVE, TUBE END

SAE values your input. To provide feedback on this Technical Report, please visit <http://standards.sae.org/AS4696C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS1576 /4/



AEROSPACE STANDARD

(R) FITTING, SLEEVE, FLARELESS, NONREDUCER AND REDUCER, SHORT ACORN TO WELD TUBE END

AS4696™
SHEET 1 OF 5

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Documents

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TABLE 1

TABLE 1A - DIMENSIONS AND WEIGHTS, TITANIUM FITTINGS ONLY

BASIC NO. AS4696 /18/ SIZE AND TUBE WALL CODES	(RANGE OF NOMINAL TUBE WALLS FOR PORT #2) /18/	(NOMINAL TUBE SIZE) PORT #1	(NOMINAL TUBE SIZE) PORT #2	PORT #2 STYLE /8/	A	B ±.010	C
0404-018	.016-.018	.250	.250	B	.604	.100	.686
0505-022	.019-.022	.312	.312	B	.602	.100	.684
0606-022	.019-.022	.375	.375	B	.594	.100	.676
0808-028	.023-.028	.500	.500	B	.646	.135	.744
1010-032	.029-.032	.625	.625	B	.770	.165	.868
1212-043	.033-.043	.750	.750	B	.802	.185	.904
1616-055	.044-.055	1.000	1.000	A	.908	.250	1.016
2020-065	.056-.065	1.250	1.250	B	1.074	.250	1.186

TABLE 1A - DIMENSIONS AND WEIGHTS, TITANIUM FITTINGS ONLY (CONTINUED)

BASIC NO. AS4696 /18/ SIZE AND TUBE WALL CODES	D /8/	E /8/	F	L	LB/EA APPROX REF TI
0404-018	.208	.176	.050	.371	.00577
0505-022	.262	.232	.050	.434	.00786
0606-022	.325	.294	.050	.490	.00980
0808-028	.438	.412	.060	.670	.0173
1010-032	.555	.498	.060	.786	.0273
1212-043	.658	.648	.090	.960	.0330
1616-055	.884	-	.090	1.210	.0499
2020-065	1.114	1.090	.125	1.470	.0902

TABLE 2

TABLE 2A - DIMENSIONS AND WEIGHTS, CORROSION RESISTANT STEEL
AND TITANIUM FITTINGS /15/ /16/

BASIC NO. AS4696 /18/ SIZE AND TUBE WALL CODES	(RANGE OF NOMINAL TUBE WALLS FOR PORT #2) /18/	(NOMINAL TUBE SIZE) PORT #1	(NOMINAL TUBE SIZE) PORT #2	PORT #2 STYLE /8/	A	B ±.010	C
0604-018	.016-.018	.375	.250	A	.594	.100	.676
0808-022	.019-.022	.500	.500	B	.646	.135	.743
1008-022	.019-.022	.625	.500	A	.740	.135	.838
1010-022	.019-.022	.625	.625	B	.770	.165	.868
1010-043	.033-.043	.625	.625	B	.770	.165	.868
1212-022	.019-.022	.750	.750	B	.802	.185	.904
1616-022	.019-.022	1.000	1.000	B	.908	.250	1.016

	AEROSPACE STANDARD	AS4696™ SHEET 2 OF 5 	REV.
	(R) FITTING, SLEEVE, FLARELESS, NONREDUCER AND REDUCER, SHORT ACORN TO WELD TUBE END		

