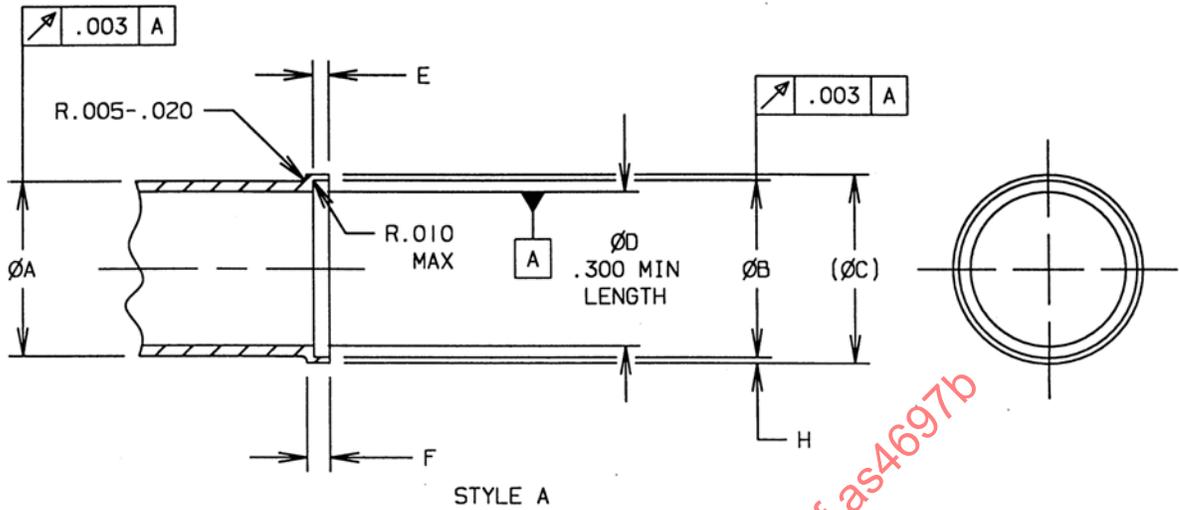REV.
B

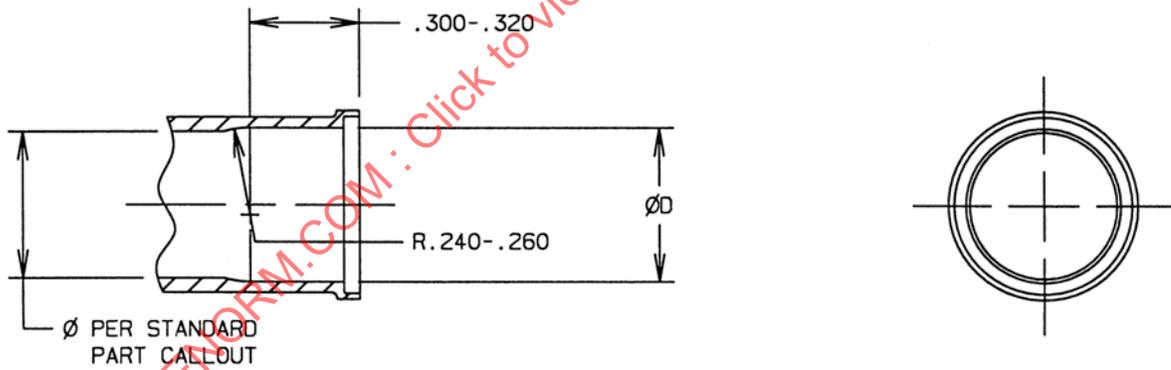SAE AS4697

RATIONALE

AS4697B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

STYLE A

STYLE B
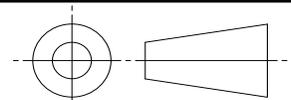SAME AS STYLE A, EXCEPT AS SHOWN

FIGURE 1 - FITTING END

REAFFIRMED 2013-01

REVISED 1999-03

ISSUED 1994-04

THIRD ANGLE PROJECTION

SAE values your input. To provide feedback
on this Technical Report, please visit
http://www.sae.org/technical/standards/AS4697B

CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /1/

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AEROSPACE STANDARD

FITTING END, INTEGRAL CENTERED WELD LIP,
DESIGN STANDARD

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SHEET 1 OF 3

REV.
B

TABLE 1 - DIMENSIONS

BASIC NO. AS4697 /9/ SIZE CODE	(NOMINAL TUBE SIZE)	TUBE WALL CODE /9/	RANGE OF NOMINAL TUBE WALLS /1/ /9/	A	B	C	D	E ±.005	F ±.005	H
03	.188	.018	.016-.018	.190	.194	.222	.146	.027	.054	.014
03	.188	.022	.019-.022	.190	.194	.222	.138	.027	.054	.014
04	.250	.018	.016-.018	.252	.256	.284	.208	.027	.054	.014
04	.250	.022	.019-.022	.252	.256	.284	.200	.027	.054	.014
04	.250	.028	.023-.028	.252	.256	.284	.188	.027	.054	.014
04	.250	.032	.029-.032	.252	.256	.284	.180	.027	.054	.014
04	.250	.043	.033-.043	.252	.256	.284	.158	.027	.054	.014
05	.312	.018	.016-.018	.314	.319	.347	.270	.027	.054	.014
05	.312	.022	.019-.022	.314	.319	.347	.262	.027	.054	.014
05	.312	.028	.023-.028	.314	.319	.347	.250	.027	.054	.014
06	.375	.018	.016-.018	.377	.383	.409	.333	.027	.054	.014
06	.375	.022	.019-.022	.377	.383	.409	.325	.027	.054	.014
06	.375	.028	.023-.028	.377	.383	.409	.313	.027	.054	.014
06	.375	.032	.029-.032	.377	.383	.409	.305	.027	.054	.014
06	.375	.043	.033-.043	.377	.383	.409	.283	.027	.054	.014
08	.500	.018	.014-.018	.502	.508	.540	.458	.032	.064	.016
08	.500	.022	.019-.022	.502	.508	.540	.450	.032	.064	.016
08	.500	.028	.023-.028	.502	.508	.540	.438	.032	.064	.016
08	.500	.032	.029-.032	.502	.508	.540	.430	.032	.064	.016
08	.500	.043	.033-.043	.502	.508	.540	.408	.032	.064	.016
08	.500	.055	.044-.055	.502	.508	.540	.384	.032	.064	.016
10	.625	.022	.019-.022	.627	.634	.666	.575	.032	.064	.016
10	.625	.028	.023-.028	.627	.634	.666	.563	.032	.064	.016
10	.625	.032	.029-.032	.627	.634	.666	.555	.032	.064	.016
10	.625	.043	.033-.043	.627	.634	.666	.533	.032	.064	.016
10	.625	.055	.044-.055	.627	.634	.666	.509	.032	.064	.016
10	.625	.065	.056-.065	.627	.634	.666	.489	.032	.064	.016
10	.625	.078	.066-.078	.627	.634	.666	.463	.032	.064	.016
12	.750	.022	.017-.022	.752	.759	.793	.700	.037	.074	.017
12	.750	.028	.023-.028	.752	.759	.793	.688	.037	.074	.017
12	.750	.032	.029-.032	.752	.759	.793	.680	.037	.074	.017
12	.750	.043	.033-.043	.752	.759	.793	.658	.037	.074	.017
12	.750	.055	.044-.055	.752	.759	.793	.634	.037	.074	.017
12	.750	.065	.056-.065	.752	.759	.793	.614	.037	.074	.017
14	.875	.032	.029-.032	.877	.884	.918	.805	.037	.074	.017
14	.875	.043	.033-.043	.877	.884	.918	.783	.037	.074	.017
14	.875	.055	.044-.055	.877	.884	.918	.759	.037	.074	.017
14	.875	.065	.056-.065	.877	.884	.918	.739	.037	.074	.017
16	1.000	.022	.019-.022	1.002	1.010	1.044	.950	.042	.084	.017
16	1.000	.028	.023-.028	1.002	1.010	1.044	.938	.042	.084	.017
16	1.000	.032	.029-.032	1.002	1.010	1.044	.930	.042	.084	.017
16	1.000	.043	.033-.043	1.002	1.010	1.044	.908	.042	.084	.017

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B