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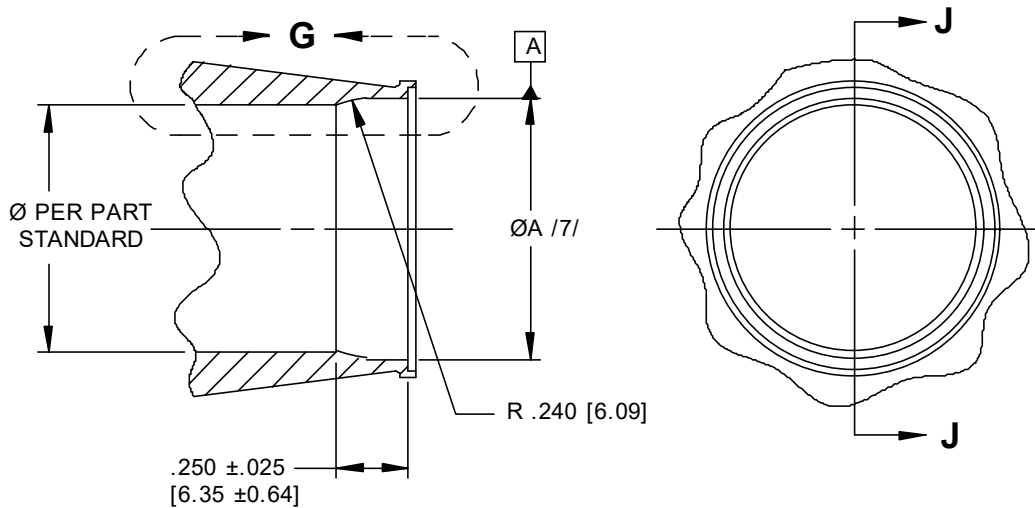
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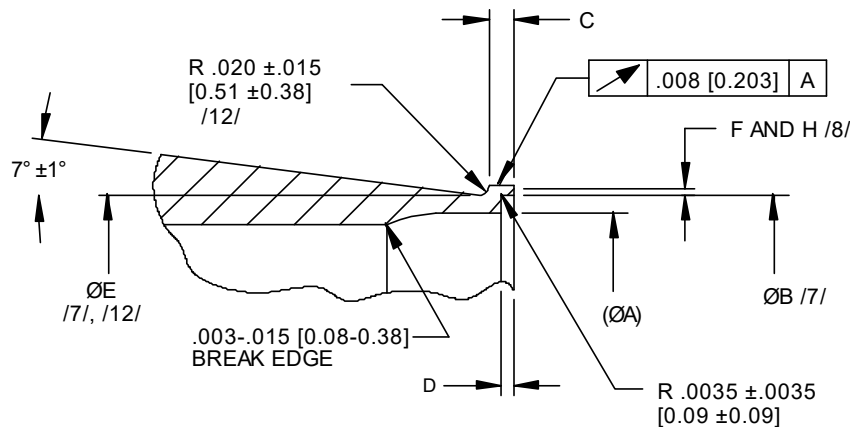
FEDERAL SUPPLY CLASS
4730

RATIONALE

FLAG NOTE /12/ ADDED TO ØE AND OUTER RADIUS DIMENSION IN VIEW G, EXPLAINING THAT ØE IS THE TANGENT POINT OF THE RADIUS LOCATED BY DIM C AND THE 7° TAPER.



SECTION J - J

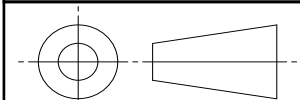


VIEW G ENLARGED

FIGURE 1 - FITTING END, WELD RING

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5449B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /1/



AEROSPACE STANDARD

FITTING END, WELD RING,
SHORT TAPERED,
DESIGN STANDARD

AS5449™
SHEET 1 OF 4

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Documents

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TABLE 1A - DIMENSIONS A-H, ENGLISH UNITS (INCHES)

BASIC NO. AS5449 /9/ SIZE CODE	(NOMINAL TUBE SIZE)	A +.004 -.000	A +.004 -.000	A +.004 -.000	B +.004 -.002	C ±.005	D ±.0025	E	F ±.0015 /8/	H ±.002 /8/
		NOMINAL TUBE WALL THICKNESS /9/								
		.028	.035	.049						
03	.188	.130	.116	--	.192	.037	.0190	.190-.196	.0165	--
04	.250	.190	.176	--	.252	.037	.0190	.250-.256	.0165	--
05	.312	.252	.238	--	.314	.053	.0260	.312-.318	.0165	--
06	.375	.315	.301	.273	.377	.053	.0260	.375-.381	.0165	.026
08	.500	.440	.426	.398	.502	.053	.0260	.500-.506	.0165	.026
10	.625	.565	.551	.523	.627	.053	.0260	.625-.631	.0165	.026
12	.750	.690	.676	.648	.752	.053	.0260	.75- .76	.0165	.026
16	1.000	.940	.926	.898	1.002	.053	.0260	1.00-1.01	.0165	.026
20	1.250	1.190	1.176	1.148	1.252	.053	.0260	1.25-1.26	.0165	.026
24	1.500	1.440	1.426	1.398	1.502	.053	.0260	1.50-1.51	.0165	.026
28	1.750	1.690	1.676	1.648	1.752	.053	.0260	1.75-1.76	.0165	.026
32	2.000	1.940	1.926	1.898	2.002	.053	.0260	2.00-2.01	.0165	.026
36	2.250	2.190	2.176	2.148	2.252	.053	.0260	2.25-2.26	.0165	.026
40	2.500	2.440	2.426	2.398	2.502	.053	.0260	2.50-2.51	.0165	.026
44	2.750	2.690	2.676	2.654	2.752	.053	.0260	2.75-2.76	.0165	.026
48	3.000	2.940	2.926	2.898	3.002	.053	.0260	3.00-3.01	.0165	.026
52	3.250	3.190	3.176	3.154	3.252	.053	.0260	3.25-3.26	.0165	.026
56	3.500	3.440	3.426	3.398	3.502	.053	.0260	3.50-3.51	.0165	.026
64	4.000	3.940	3.926	3.898	4.002	.053	.0260	4.00-4.01	.0165	.026
72	4.500	4.440	4.426	4.398	4.502	.053	.0260	4.50-4.51	.0165	.026
80	5.000	4.940	4.926	4.898	5.002	.053	.0260	5.00-5.01	.0165	.026
88	5.500	5.440	5.426	5.404	5.502	.053	.0260	5.50-5.51	.0165	.026
96	6.000	5.940	5.926	5.904	6.002	.053	.0260	6.00-6.01	.0165	.026
104	6.500	6.440	6.426	6.404	6.502	.053	.0260	6.50-6.51	.0165	.026
112	7.000	6.940	6.926	6.904	7.002	.053	.0260	7.00-7.01	.0165	.026
120	7.500	7.440	7.426	7.404	7.502	.053	.0260	7.50-7.51	.0165	.026



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