

REDRAW GRAPHICS AND TABLES FOR BETTER LEGIBILITY. CORNER RADII DIMENSION INCREASED IN GRAPHICS. DIMENSION M ADDED TO GRAPHICS AND TABLE 2 TO COINCIDE WITH AS4396. GENERAL UPDATES INCORPORATED TO LATEST PRACTICE.

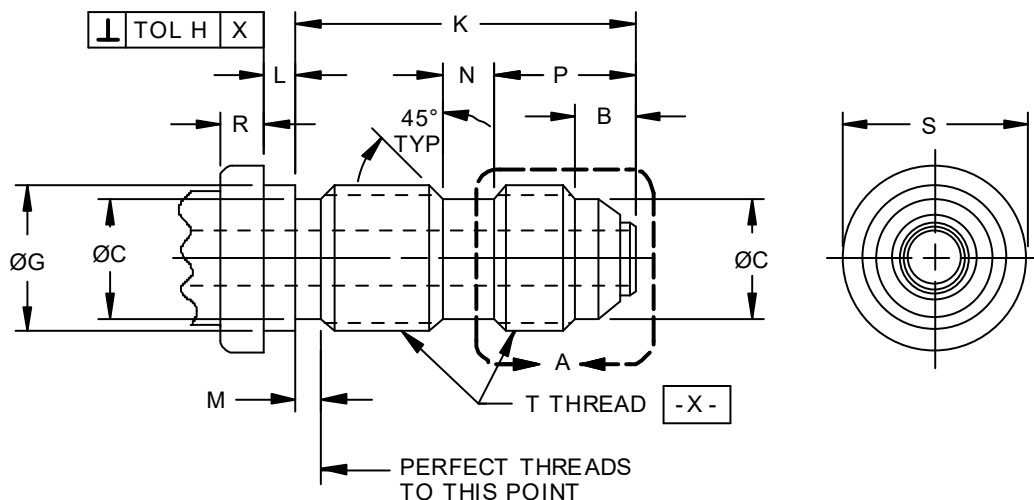


FIGURE 1 - FITTING END, STYLE S, BULKHEAD FLARED TUBE, FOR SEAL RING

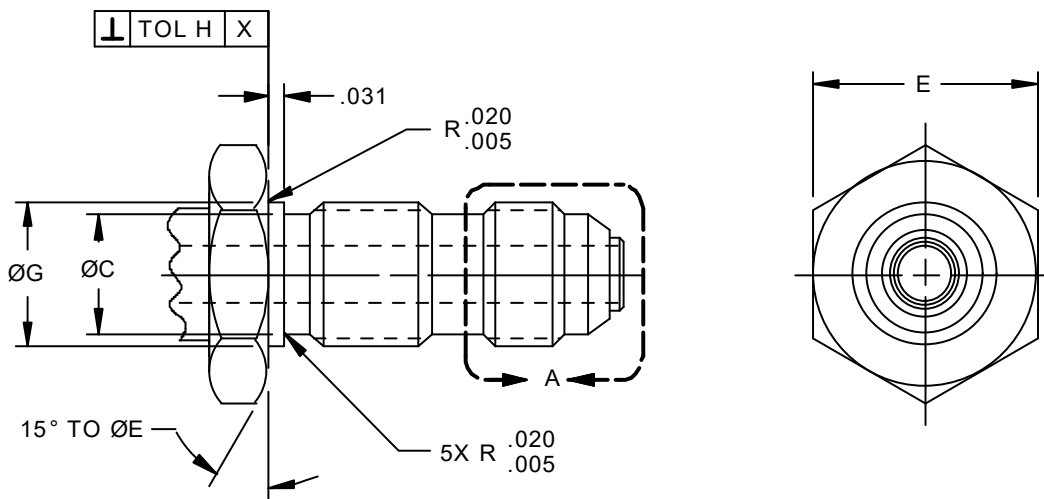
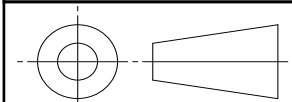


FIGURE 2 - FITTING END, STYLE E, BULKHEAD FLARED TUBE, FOR SEAL RING

For more information on this standard, visit
<https://www.sae.org/standards/content/AS1099D/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION:



AEROSPACE STANDARD

FITTING END, BULKHEAD FLARED TUBE,
FOR SEAL RING, STANDARD DIMENSIONS FOR,
DESIGN STANDARD

AS1099™
SHEET 1 OF 4

REV.
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Documents

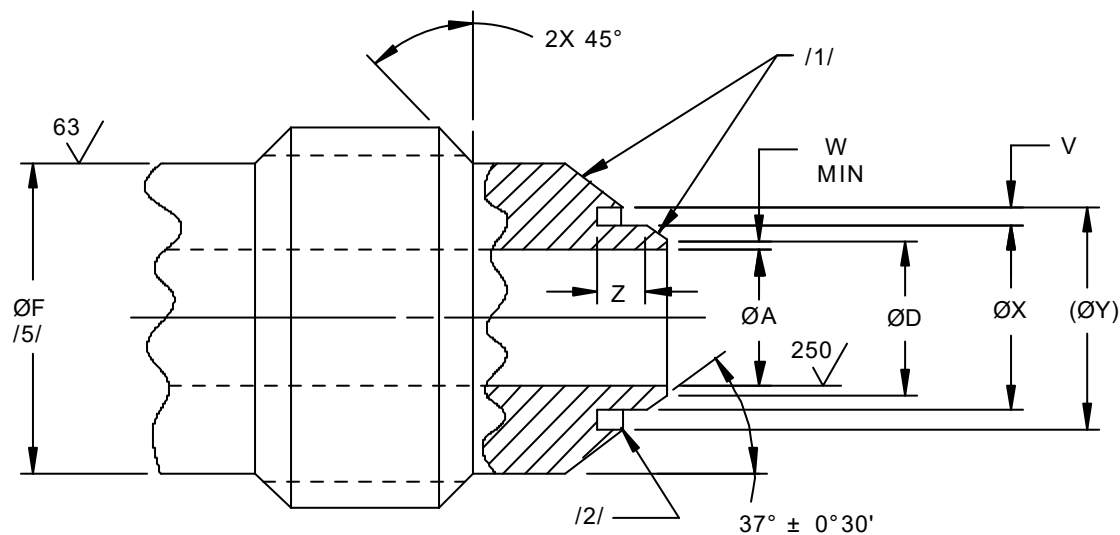


FIGURE 3 - ENLARGED VIEW A FROM FIGURES 1 AND 2

TABLE 1 - DIMENSIONS A-F

BASIC NUMBER AS1099 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3A	A	B +.000 -.045	C +.000 -.005	D ±.003	E	F +.002 -.003
04	.250	.4375-20UNJF	.168- .175	.208	.359	.193	.684- .691	.364
06	.375	.5625-18UNJF	.293- .301	.213	.476	.318	.809- .816	.481
08	.500	.7500-16UNJF	.387- .395	.268	.654	.426	.996-1.003	.660
10	.625	.8750-14UNJF	.480- .488	.281	.767	.539	1.121-1.128	.773
12	.750	1.0625-12UNJ	.604- .614	.330	.938	.664	1.371-1.378	.945
16	1.000	1.3125-12UNJ	.839- .851	.330	1.188	.913	1.609-1.641	1.195
20	1.250	1.6250-12UNJ	1.073-1.086	.382	1.501	1.147	1.859-1.891	1.507
24	1.500	1.8750-12UNJ	1.307-1.320	.393	1.750	1.381	2.105-2.145	1.756
28	1.750	2.2500-12UNJ	1.542-1.557	.466	2.125	1.646	2.480-2.520	2.131
32	2.000	2.5000-12UNJ	1.776-1.791	.476	2.375	1.880	2.730-2.770	2.381



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FOR SEAL RING, STANDARD DIMENSIONS FOR,
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