

REV. B

AS1099

FEDERAL SUPPLY CLASS

4730

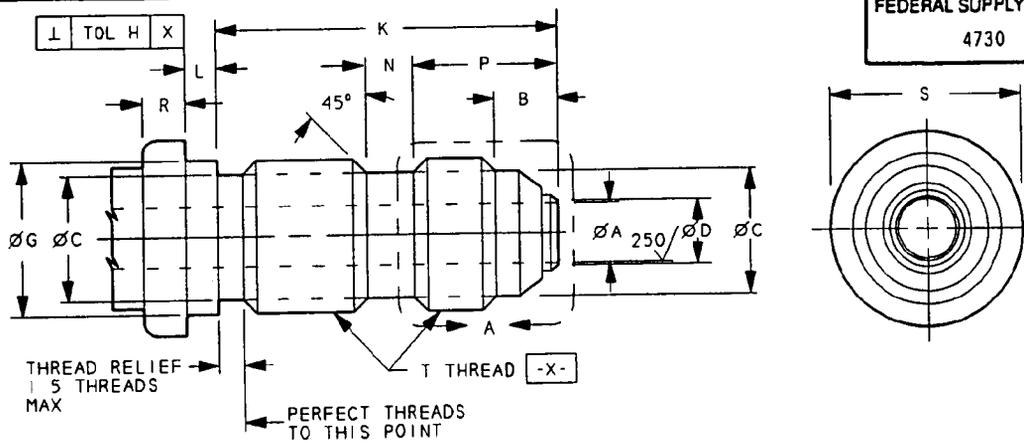


FIGURE 1 - FITTING END, STYLE S, BULKHEAD FLARED TUBE, FOR SEAL RING

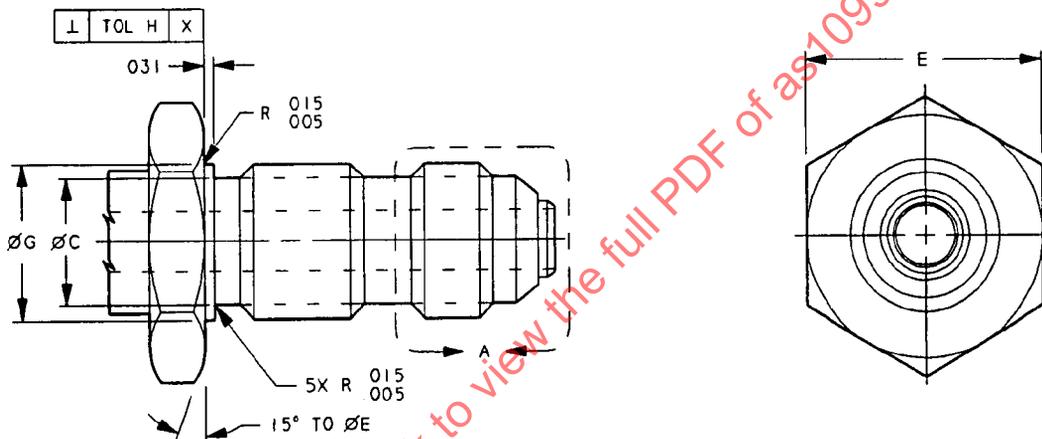
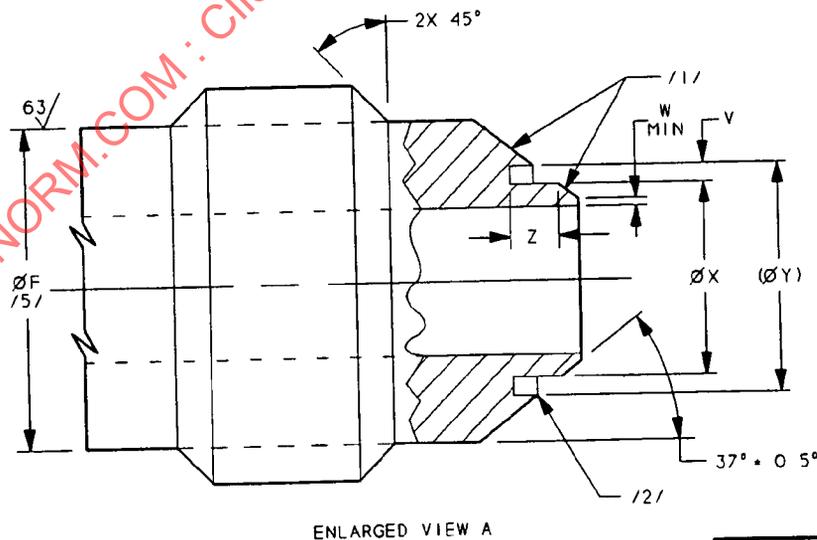
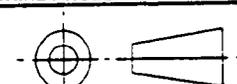


FIGURE 2 - FITTING END, STYLE E, BULKHEAD FLARED TUBE, FOR SEAL RING



ENLARGED VIEW A

THIRD ANGLE PROJECTION



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SAE The Engineering Society For Advancing Mobility Land Sea Air and Space INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

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

AS1099

SHEET 1 OF 3

REV. B

ISSUED 1976-01 REVISED 1994-05 (B)

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B

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TABLE 1 - DIMENSIONS

BASIC NUMBER				B		C		D		F	
AS1099	(NOMINAL	TUBE	T THREAD		+ .000	+ .000				+ .002	
/12/ SIZE CODE	SIZE)		PER MIL-S-8879	A	-.045	-.005	± .003	E		-.003	
04	.250	.4375-20UNJF-3A	.168-	.175	.208	.359	.193	.684-	.691	.364	
06	.375	.5625-18UNJF-3A	.293-	.301	.213	.476	.318	.809-	.816	.481	
08	.500	.7500-16UNJF-3A	.387-	.395	.268	.654	.426	.996-	1.003	.660	
10	.625	.8750-14UNJF-3A	.480-	.488	.281	.767	.539	1.121-	1.128	.773	
12	.750	1.0625-12UNJ-3A	.604-	.614	.330	.938	.664	1.371-	1.378	.945	
16	1.000	1.3125-12UNJ-3A	.839-	.851	.330	1.188	.913	1.609-	1.641	1.195	
20	1.250	1.6250-12UNJ-3A	1.073-	1.086	.382	1.501	1.147	1.859-	1.891	1.507	
24	1.500	1.8750-12UNJ-3A	1.307-	1.320	.393	1.750	1.381	2.105-	2.145	1.756	
28	1.750	2.2500-12UNJ-3A	1.542-	1.557	.466	2.125	1.646	2.480-	2.520	2.131	
32	2.000	2.5000-12UNJ-3A	1.776-	1.791	.476	2.375	1.880	2.730-	2.770	2.381	

TABLE 2 - DIMENSIONS

BASIC NUMBER				K		N		P			
AS1099				+ .000		+ .010	+ .000				
/12/ SIZE CODE	G	H		-.045	L	-.000	-.045	R	S		
04	.429-	.438	.005	1.026	.094	.140	.448	.125	.562		
06	.554-	.562	.005	1.104	.094	.156	.481	.141	.688		
08	.741-	.750	.005	1.260	.125	.187	.570	.156	.875		
10	.865-	.875	.005	1.401	.125	.219	.628	.172	1.000		
12	1.051-	1.062	.008	1.572	.125	.234	.737	.188	1.188		
16	1.301-	1.312	.008	1.572	.125	.234	.737	.188	1.438		
20	1.614-	1.625	.008	1.619	.125	.234	.789	.188	1.750		
24	1.864-	1.875	.008	1.635	.125	.234	.800	.188	2.000		
28	2.239-	2.250	.008	1.791	.125	.234	.873	.188	2.375		
32	2.489-	2.500	.008	1.916	.125	.234	.883	.188	2.625		

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AEROSPACE STANDARD

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

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SHEET 2 OF 3

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