

REV.
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AS1099

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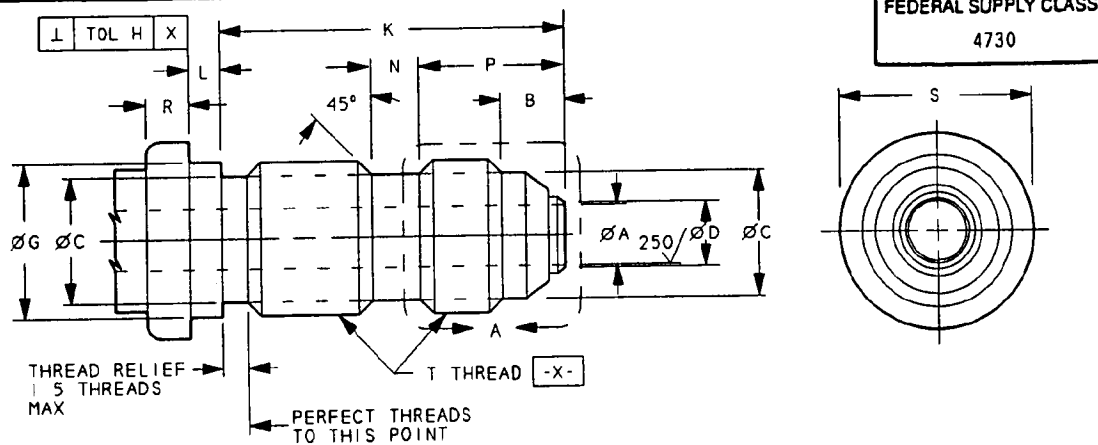


FIGURE 1 - FITTING END, STYLE S, BULKHEAD FLARED TUBE, FOR SEAL RING

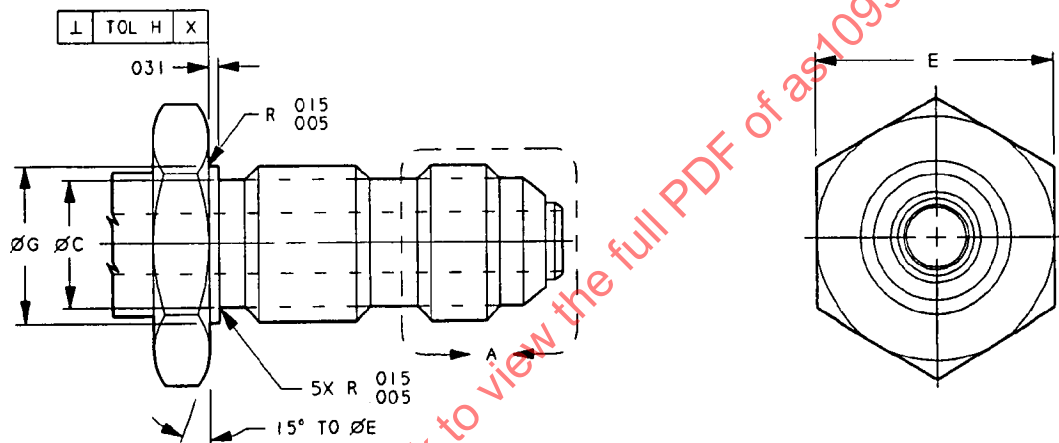
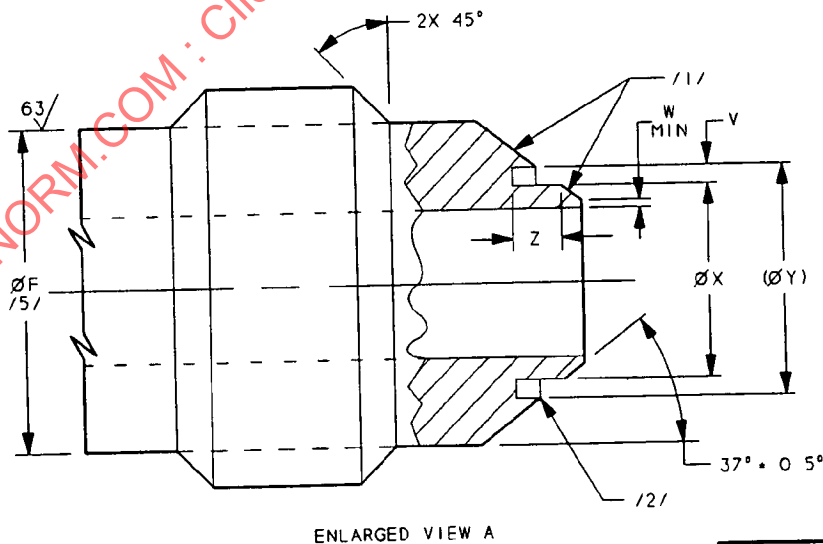
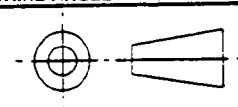


FIGURE 2 - FITTING END, STYLE E, BULKHEAD FLARED TUBE, FOR SEAL RING



ENLARGED VIEW A

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-38

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Land Sea Air and Space
INTERNATIONAL

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AEROSPACE STANDARD

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

AS1099

SHEET 1 OF 3

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Printed in the U.S.A.

90-10018/EG

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ISSUED 1976-01 REVISED 1994-05 (B)

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TABLE 1 - DIMENSIONS

BASIC NUMBER		(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879	A		B		C		D		E		F	
AS1099	/12/					+.000	+.000							+.002	
SIZE	CODE							-.045	-.005	±.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