

REV.  
C

AS1099

RATIONALE

AS1099C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

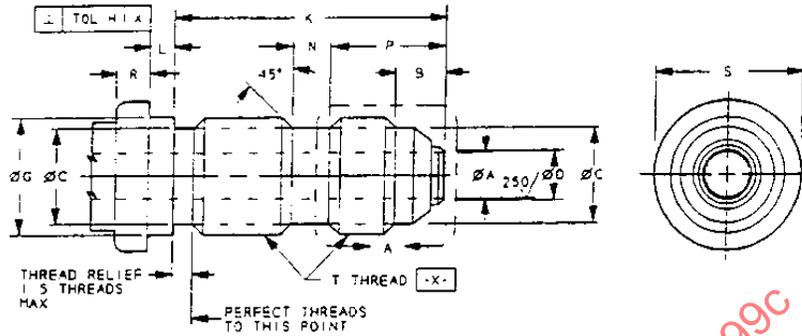


FIGURE 1 - FITTING END, STYLE S, BULKHEAD FLARED TUBE, FOR SEAL RING

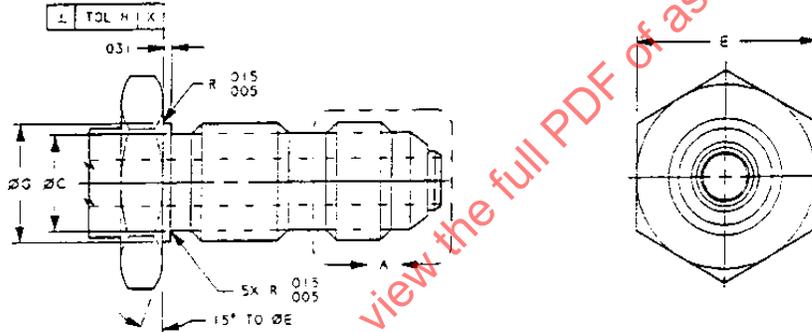


FIGURE 2 - FITTING END, STYLE E, BULKHEAD FLARED TUBE, FOR SEAL RING

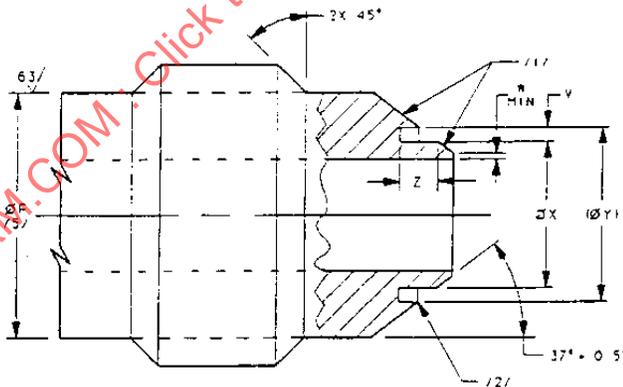
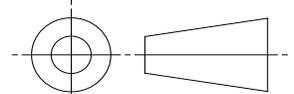


FIGURE 3 - ENLARGED VIEW A FROM FIGURES 1 AND 2

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B



**AEROSPACE STANDARD**

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

**AS1099**  
SHEET 1 OF 3

**REV. C**

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TABLE 1 - DIMENSIONS

BASIC NUMBER									
AS1099	(NOMINAL				B	C			F
/13/	TUBE	T THREAD			+ .000	+ .000	D		+ .002
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									
AS1099				K		N	P		
/13/				+ .000		+ .010	+ .000		
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	



## AEROSPACE STANDARD

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

AS1099  
SHEET 2 OF 3

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