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REV.
B

AS1098

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS1098B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

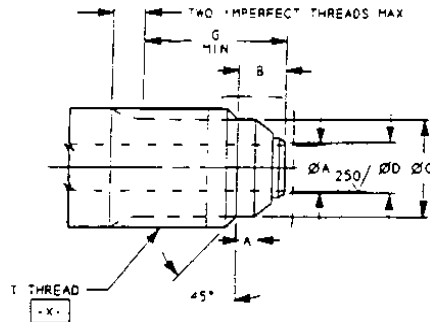


FIGURE 1 - FITTING END, SEAL RING, STYLE G

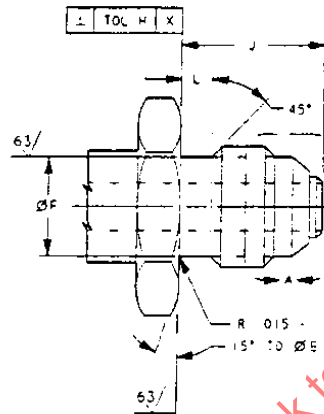


FIGURE 2 - FITTING END, SEAL RING, STYLE E

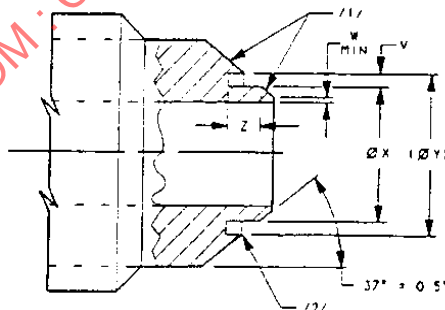
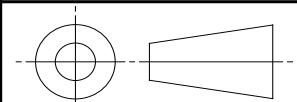


FIGURE 3 - ENLARGED VIEW A FROM FIGURES 1 AND 2

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<http://www.sae.org/technical/standards/AS1098B>

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B



AEROSPACE STANDARD

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

AS1098
SHEET 1 OF 3

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TABLE 1 - DIMENSIONS

BASIC NUMBER					B	C			F
AS1098	(NOMINAL	T TUBE	T THREAD		+ .000	+ .000	D		+ .002
/12/	TUBE			A	- .045	- .005	± .003	E	- .003
SIZE CODE	SIZE)	PER MIL-S-8879							
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	

(R) TABLE 2 - DIMENSIONS

BASIC NUMBER					J	L	V			X	Z
AS1098					+ .000	- .015	+ .0015				
/12/					- .045	- .000	- .0010	W	± .002	Y	± .0010
SIZE CODE	G	H									
04	.535	.005	.565	.075	.0200	.0075	.220	.261	.0533		
06	.541	.005	.571	.083	.0320	.0070	.336	.401	.0683		
08	.642	.005	.672	.094	.0320	.0140	.450	.515	.0683		
10	.743	.005	.773	.107	.0320	.0240	.560	.625	.0683		
12	.849	.008	.879	.125	.0320	.0230	.685	.750	.0683		
16	.896	.008	.926	.125	.0320	.0290	.968	1.033	.0683		
20	.943	.008	.973	.125	.0400	.0290	1.200	1.281	.0710		
24	1.068	.008	1.098	.125	.0400	.0290	1.450	1.531	.0710		
28	1.193	.008	1.223	.125	.0500	.0440	1.690	1.790	.0900		
32	1.318	.008	1.348	.125	.0500	.0440	1.940	2.040	.0900		



AEROSPACE STANDARD

FITTING END, FLARED TUBE, FOR SEAL RING,
STANDARD DIMENSIONS FOR, DESIGN STANDARDAS1098
SHEET 2 OF 3REV.
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