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REV.
B

AS1098

RATIONALE

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

FEDERAL SUPPLY CLASS
4730

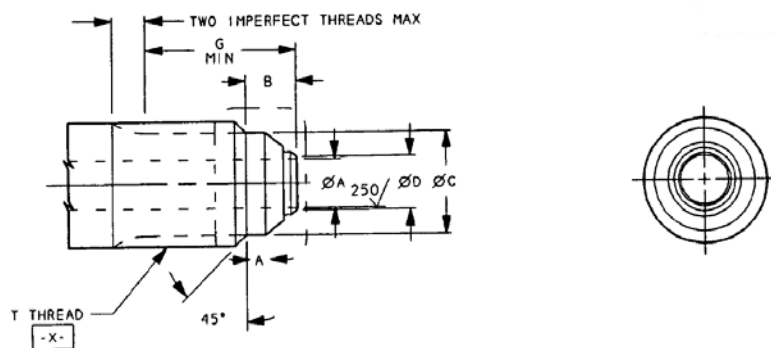


FIGURE 1 – FITTING END, SEAL RING, STYLE G

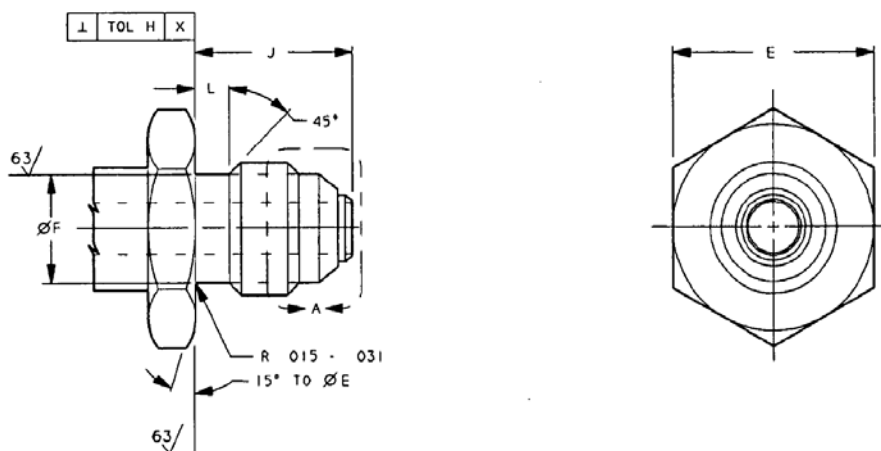


FIGURE 2 – FITTING END, SEAL RING, STYLE E

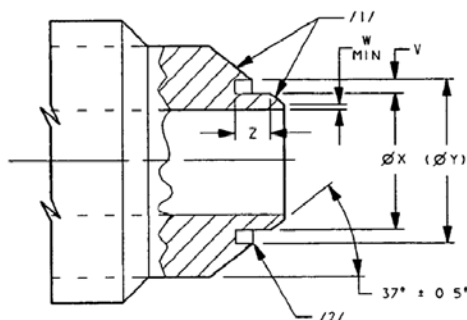
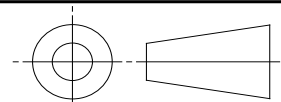


FIGURE 3 – ENLARGED VIEW A FROM FIGURES 1 AND 2

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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		TUBE T THREAD PER MIL-S-8879	A	B		C		D	E	F
AS1098	(NOMINAL									
/12/ SIZE CODE	SIZE)									
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		G	H	J		L		V		W	X		Y	Z	
AS1098	(NOMINAL														
/12/ SIZE CODE	SIZE)														
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 3

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