

REV.
B

AS1098

RATIONALE

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

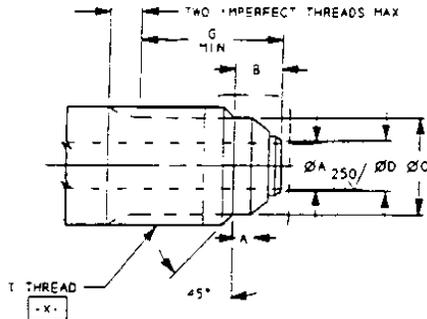


FIGURE 1 - FITTING END, SEAL RING, STYLE G

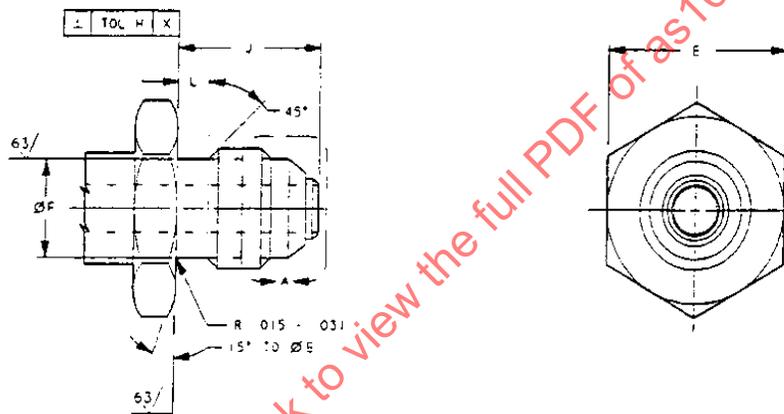


FIGURE 2 - FITTING END, SEAL RING, STYLE E

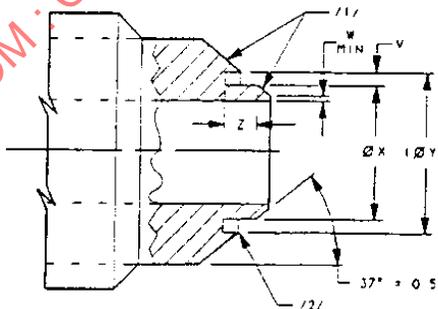
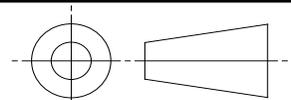


FIGURE 3 - ENLARGED VIEW A FROM FIGURES 1 AND 2

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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

REV. B

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TABLE 1 - DIMENSIONS

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

(R) TABLE 2 - DIMENSIONS

BASIC NUMBER		G	H	J	L	V	W	X	Y	Z
AS1098 /12/ SIZE CODE				+ .000 - .045	- .015 - .000	+ .0015 - .0010				± .002
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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