

REV.
B

AS1097

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS1097B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

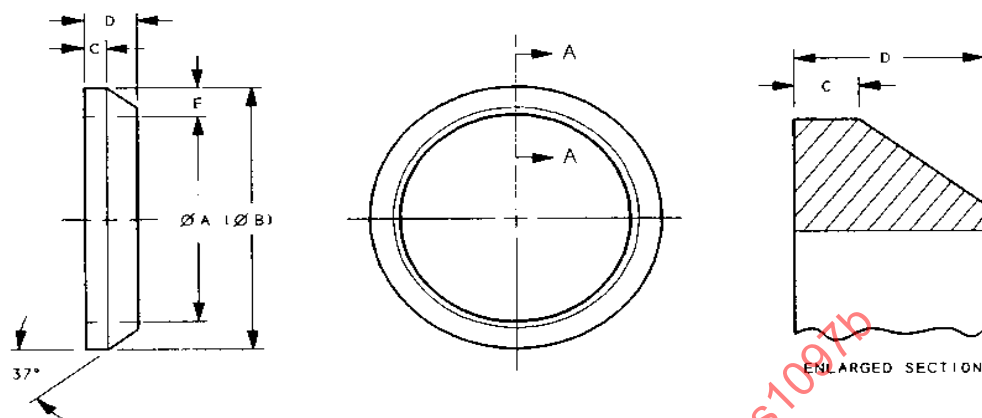


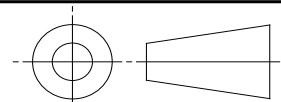
FIGURE 1 - SEAL RING, 37° FLARED TUBE FITTING END

TABLE 1 - DIMENSIONS AND WEIGHTS /4/

BASIC NUMBER AS1097 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	A	B	C ±.0015	D +.0030 -.0010	E ±.001	LB/50 MAX
04	.250	.209-.215	.251	.0364	.0523	.018	.00223
06	.375	.325-.331	.391	.0335	.0673	.030	.00679
08	.500	.439-.445	.505	.0335	.0673	.030	.00888
10	.625	.544-.554	.610	.0335	.0673	.030	.01070
12	.750	.669-.679	.735	.0335	.0673	.030	.01347
16	1.000	.952-.962	1.018	.0335	.0673	.030	.01905
20	1.250	1.179-1.193	1.261	.0256	.0700	.038	.0300
24	1.500	1.429-1.443	1.511	.0256	.0700	.038	.0347
28	1.750	1.659-1.682	1.765	.0319	.0890	.048	.0651
32	2.000	1.909-1.932	2.015	.0319	.0890	.048	.0744

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS1097B>

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /3/ KSC-F-124



AEROSPACE STANDARD

SEAL RING, 37° FLARED
TUBE FITTING END

AS1097
SHEET 1 OF 2

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