

REV. B

AS3072

FEDERAL SUPPLY CLASS

RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

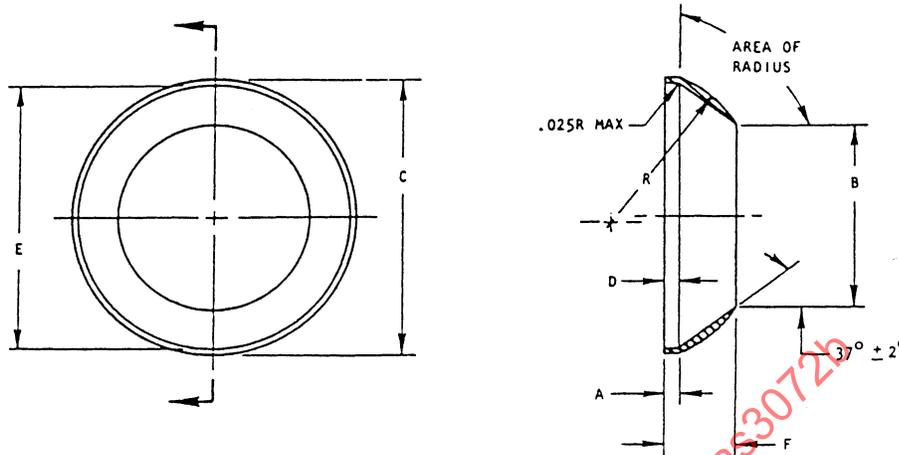
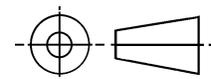


TABLE 1A

AS IDENT NUMBER	NOM TUBE OD in	NOM TUBE OD (mm)	A in	A (mm)	B in	B (mm)	C in	C (mm)
AS3072-02	.125	3.18	.025-.085	0.64-2.15	.083- .113	2.11- 2.87	.257- .267	6.53- 6.78
AS3072-03	.188	4.76	.020-.080	0.51-2.03	.146- .176	3.71- 4.47	.320- .330	8.13- 8.38
AS3072-04	.250	6.35	.045-.105	1.15-2.66	.193- .223	4.91- 5.66	.373- .383	9.48- 9.72
AS3072-05	.312	7.92	.045-.105	1.15-2.66	.255- .285	6.48- 7.23	.436- .446	11.08-11.32
AS3072-06	.375	9.52	.055-.115	1.40-2.92	.318- .348	8.08- 8.83	.492- .502	12.50-12.75
AS3072-07	.438	11.11	.045-.105	1.15-2.66	.380- .410	9.66-10.41	.554- .564	14.08-14.32
AS3072-08	.500	12.70	.065-.125	1.66-3.17	.426- .456	10.83-11.58	.672- .682	17.07-17.32
AS3072-09	.562	14.29	.070-.130	1.78-3.30	.473- .503	12.02-12.77	.734- .744	18.65-18.89
AS3072-10	.625	15.88	.075-.135	1.91-3.42	.539- .569	13.70-14.45	.788- .798	20.02-20.26
AS3072-11	.688	17.46	.095-.155	2.42-3.93	.602- .632	15.30-16.05	.896- .906	22.76-23.01
AS3072-12	.750	19.03	.095-.155	2.42-3.93	.664- .694	16.87-17.62	.962- .972	24.44-24.68
AS3072-14	.875	22.23	.095-.155	2.42-3.93	.787- .817	19.99-20.75	1.087-1.097	27.61-27.86
AS3072-16	1.000	25.40	.095-.155	2.42-3.93	.913- .943	23.20-23.95	1.212-1.222	30.79-31.03
AS3072-18	1.125	28.58	.095-.155	2.42-3.93	1.022-1.052	25.96-26.72	1.402-1.412	35.62-35.86
AS3072-20	1.250	31.75	.095-.155	2.42-3.93	1.147-1.177	29.14-29.89	1.525-1.535	38.74-38.98
AS3072-24	1.500	38.10	.095-.155	2.42-3.93	1.381-1.411	35.08-35.83	1.775-1.785	45.09-45.33
AS3072-28	1.750	44.45	.095-.155	2.42-3.93	1.646-1.676	41.81-42.57	2.150-2.160	54.61-54.86
AS3072-32	2.000	50.80	.095-.155	2.42-3.93	1.880-1.910	47.76-48.51	2.400-2.410	60.96-61.21

INACTIVE - See Note 8.

THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

SAE Aerospace
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AEROSPACE STANDARD
(R) GASKET - 37° FLARED TUBE FITTING,
COPPER, AMS 4500

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SHEET 1 OF 3

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ISSUED 1974-04 REVISED 1997-11 NONCURRENT 1998-02 REAFFIRMED NONCURRENT 2007-06

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TABLE 1B

AS IDENT NUMBER	D in	D (mm)	E in	E (mm)	F MAX REF in	F MAX REF (mm)
AS3072-02	.025-.055	0.64-1.39	.245- .255	6.23- 6.47	.184	4.67
AS3072-03	.020-.050	0.51-1.27	.307- .317	7.80- 8.05	.173	4.39
AS3072-04	.045-.075	1.15-1.90	.359- .369	9.12- 9.37	.203	5.15
AS3072-05	.045-.075	1.15-1.90	.421- .431	10.70-10.94	.203	5.15
AS3072-06	.055-.085	1.40-2.15	.476- .486	12.10-12.34	.207	5.25
AS3072-07	.045-.075	1.15-1.90	.539- .549	13.70-13.94	.189	4.80
AS3072-08	.065-.095	1.66-2.41	.654- .664	16.62-16.86	.262	6.65
AS3072-09	.070-.100	1.78-2.54	.716- .726	18.19-18.44	.262	6.65
AS3072-10	.075-.105	1.91-2.66	.767- .777	19.49-19.73	.262	6.65
AS3072-11	.095-.125	2.42-3.17	.875- .885	22.23-22.47	.325	8.25
AS3072-12	.095-.125	2.42-3.17	.938- .948	23.83-24.07	.325	8.25
AS3072-14	.095-.125	2.42-3.17	1.062-1.072	26.98-27.22	.325	8.25
AS3072-16	.095-.125	2.42-3.17	1.188-1.198	30.18-30.42	.325	8.25
AS3072-18	.095-.125	2.42-3.17	1.375-1.385	34.93-35.17	.351	8.91
AS3072-20	.095-.125	2.42-3.17	1.501-1.511	38.13-38.37	.376	9.55
AS3072-24	.095-.125	2.42-3.17	1.750-1.760	44.45-44.70	.387	9.82
AS3072-28	.095-.125	2.42-3.17	2.125-2.135	53.98-54.22	.460	11.68
AS3072-32	.095-.125	2.42-3.17	2.375-2.385	60.33-60.57	.463	11.76

TABLE 1C

AS IDENT NUMBER	R in	R (mm)	APPROX MASS lb/100	APPROX MASS kg/100	VENDOR NUMBER
AS3072-02	.345- .405	8.77-10.28	.033	0.015	APSOC-02
AS3072-03	.345- .405	8.77-10.28	.042	0.019	APSOC-03
AS3072-04	.370- .430	9.40-10.92	.059	0.027	APSOC-04
AS3072-05	.370- .430	9.40-10.92	.083	0.038	APSOC-05
AS3072-06	.370- .430	9.40-10.92	.115	0.052	APSOC-06
AS3072-07	.370- .430	9.40-10.92	.102	0.047	APSOC-07
AS3072-08	.470- .530	11.94-13.46	.184	0.083	APSOC-08
AS3072-09	.470- .530	11.94-13.46	.260	0.119	APSOC-09
AS3072-10	.470- .530	11.94-13.46	.349	0.158	APSOC-10
AS3072-11	.520- .580	13.21-14.73	.425	0.194	APSOC-11
AS3072-12	.570- .630	14.48-16.00	.534	0.242	APSOC-12
AS3072-14	.620- .680	15.75-17.27	.612	0.280	APSOC-14
AS3072-16	.720- .780	18.29-19.81	.652	0.296	APSOC-16
AS3072-18	.720- .780	18.29-19.81	.817	0.373	APSOC-17
AS3072-20	.720- .780	18.29-19.81	.971	0.440	APSOC-20
AS3072-24	.844- .904	21.44-22.96	1.151	0.522	APSOC-24
AS3072-28	1.470-1.530	37.34-38.86	1.790	0.812	APSOC-28
AS3072-32	1.470-1.530	37.34-38.86	2.129	0.966	APSOC-32

NOTES:



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(R) **AEROSPACE STANDARD**
GASKET - 37° FLARED TUBE FITTING,
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