



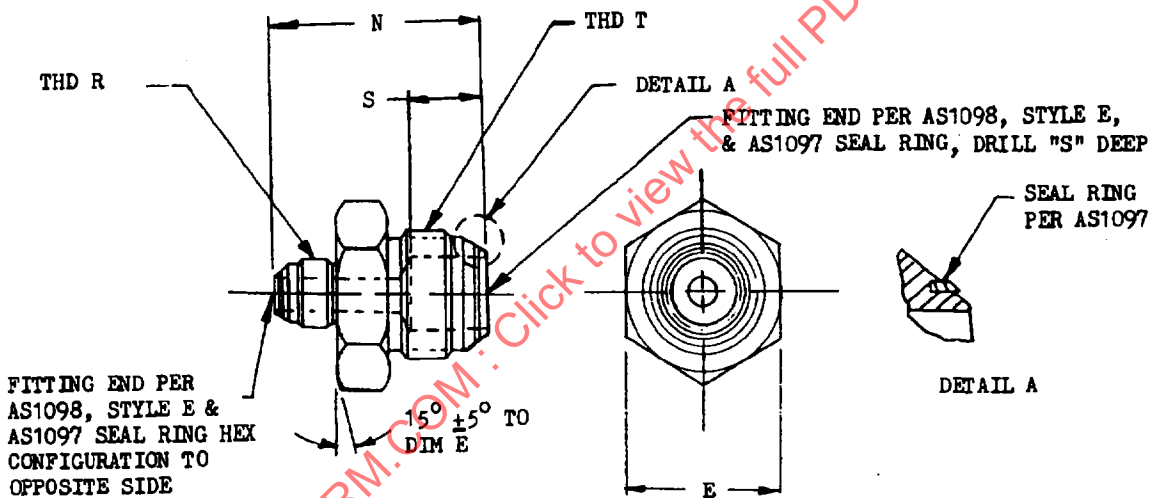
Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15098

AEROSPACE STANDARD

AS 1368

Issued 7-15-76
Revised

REDUCER-EXTERNAL THREAD FLARED TUBE WITH SEAL RING



REAFFIRMED
APRIL 1981

TABLE I
(INCHES)

PART NUMBER SEE NOTE 4	LARGE END		SMALL END		E ±.005	N	S	WEIGHT LB (MAX)
	TUBE OD	THREAD T (REF)	TUBE OD	THREAD R (REF)				
AS1368-6-4	3/8	.5625-18	1/4	.4375-20	.813	1.406	.625	.081
-8-4	1/2	.7500-16	1/4	.4375-20	1.000	1.531	.719	.134
-8-6	1/2	.7500-16	3/8	.5625-18	1.000	1.531	.719	.143
-10-4	5/8	.8750-14	1/4	.4375-20	1.125	1.656	.797	.173
-10-6	5/8	.8750-14	3/8	.5625-18	1.125	1.656	.797	.182
-10-8	5/8	.8750-14	1/2	.7500-16	1.125	1.750	.797	.204
-12-4	3/4	1.0625-12	1/4	.4375-20	1.375	1.797	.891	.297
-12-6	3/4	1.0625-12	3/8	.5625-18	1.375	1.797	.891	.297
-12-8	3/4	1.0625-12	1/2	.7500-16	1.375	1.891	.891	.325
-12-10	3/4	1.0625-12	5/8	.8750-14	1.375	2.000	.891	.333
-16-4	1.0	1.3125-12	1/4	.4375-20	1.625	1.844	.891	.414
-16-8	1.0	1.3125-12	1/2	.7500-16	1.625	2.156	.891	.435
-16-10	1.0	1.3125-12	5/8	.8750-14	1.625	2.047	.891	.456
-16-12	1.0	1.3125-12	3/4	1.0625-12	1.625	2.156	.891	.484
-20-4	1-1/4	1.6250-12	1/4	.4375-20	1.875	1.891	.859	.549
-20-12	1-1/4	1.6250-12	3/4	1.0625-12	1.875	2.250	.859	.574
-20-16	1-1/4	1.6250-12	1	1.3125-12	1.875	2.250	.859	.670
-24-16	1-1/2	1.8750-12	1	1.3125-12	2.125	2.359	.906	.977
AS1368-24-20	1-1/2	1.8750-12	1-1/4	1.6250-12	2.125	2.406	.906	.916

NOTES:

1. BREAK ALL SHARP EDGES. REMOVE ALL BURRS AND SLIVERS.
2. DIMENSIONS IN INCHES AND MILLIMETERS.

3. TOLERANCES UNLESS NOTED: DECIMALS $\pm \frac{.406 \text{ mm}}{.016 \text{ INCHES}}$

4. ADD J, K, OR S AFTER PART NUMBER TO DESIGNATE MATERIAL.

5. EXAMPLE OF PART NUMBER:

AS 1368J-6-4 3/8 OD x 1/4 OD TUBE CONNECTION OF 304 MATERIAL WITH AS1097 SEAL.

TABLE II
(MILLIMETERS, EXCEPT THREAD T & R)

PART NUMBER SEE NOTE 4	LARGE END		SMALL END		E ±0.127	N	S	WEIGHT Kg (MAX)
	TUBE OD	THREAD T (REF)	TUBE OD	THREAD R (REF)				
AS1368-6-4	9.525	.5625-18	6.350	.4375-20	20.650	35.712	15.875	.037
↑ - 8-4	12.700	.7500-16	6.350	.4375-20	25.400	38.887	18.263	.061
- 8-6	12.700	.7500-16	9.525	.5625-18	25.400	38.887	18.263	.065
-10-4	15.875	.8750-14	6.350	.4375-20	28.575	42.062	20.244	.078
-10-6	15.875	.8750-14	9.525	.5625-18	28.575	42.062	20.244	.083
-10-8	15.875	.8750-14	12.700	.7500-16	28.575	44.450	20.244	.093
-12-4	19.050	1.0625-12	6.350	.4375-20	34.925	45.644	22.631	.135
-12-6	19.050	1.0625-12	9.525	.5625-18	34.925	45.644	↑	.135
-12-8	19.050	1.0625-12	12.700	.7500-16	34.925	48.031	↓	.147
-12-10	19.050	1.0625-12	15.875	.8750-14	34.925	50.800		.151
-16-4	25.400	1.3125-12	6.350	.4375-20	41.275	46.838		.188
-16-8	25.400	1.3125-12	12.700	.7500-16	↑	54.762		.197
-16-10	25.400	1.3125-12	15.875	.8750-14	↓	51.994	↓	.207
-16-12	25.400	1.3125-12	19.050	1.0625-12	41.275	54.762	22.631	.220
-20-4	31.750	1.6250-12	6.350	.4375-20	47.625	48.031	21.819	.249
-20-12	31.750	1.6250-12	19.050	1.0625-12	47.625	57.150	21.819	.260
-20-16	31.750	1.6250-12	25.400	1.3125-12	47.625	57.150	21.819	.304
↓ -2 -16	38.100	1.8750-12	25.400	1.3125-12	53.975	59.919	23.012	.443
AS1368-24-20	38.100	1.8750-12	31.750	1.6250-12	53.975	61.112	23.012	.415