



Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15096

AEROSPACE STANDARD

AS 1253

Issued 1-15-76
Revised

TEE - BULKHEAD AND UNIVERSAL FLARED TUBE, WITH SEAL RING

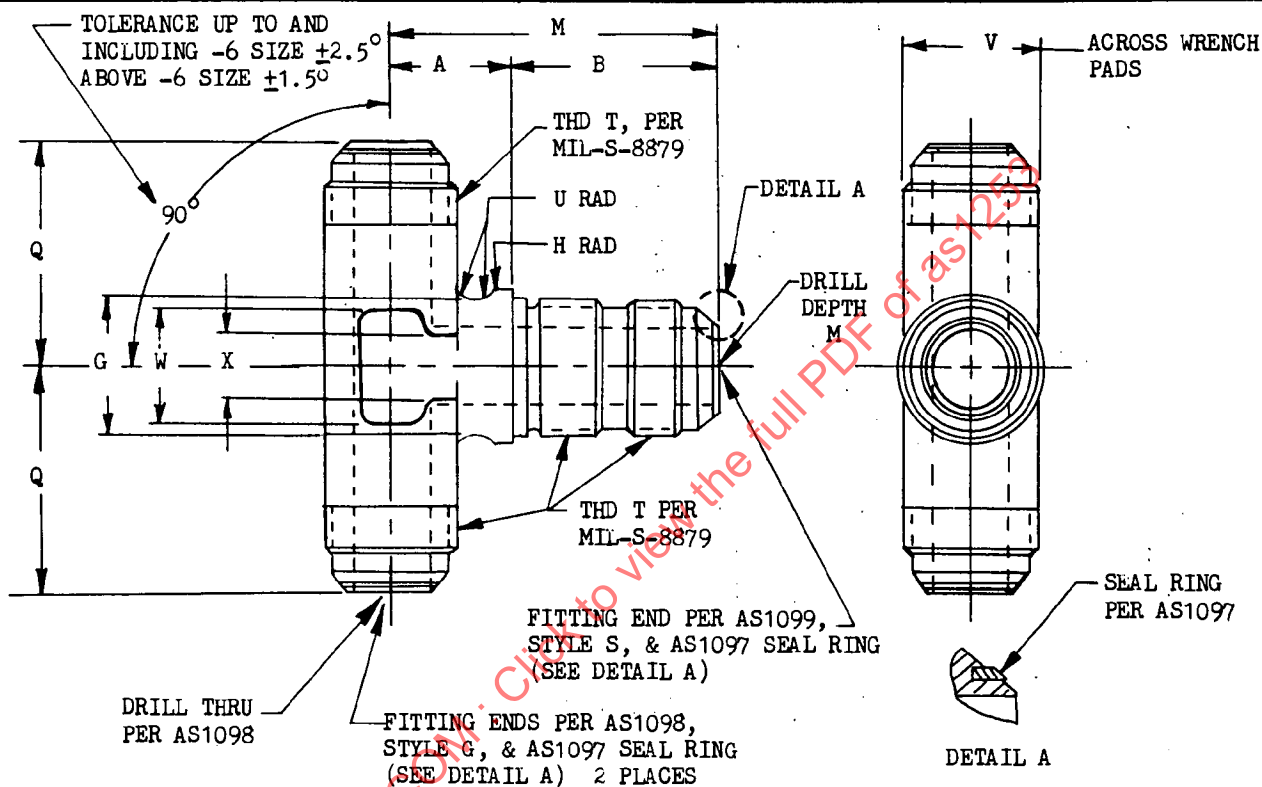


TABLE I
(INCHES)

PART NUMBER SEE NOTE 4	TUBING OD	THREAD T (REF)	A (REF)	B (REF)	G DIA	H RAD	M +.047 -.000	Q +.047 -.000	U RAD	V	W APPROX	X APPROX	WEIGHT LB (MAX)
AS1253-4	1/4	.4375-20	.468	1.110	.438	.063	1.578	.953	.063	.438	.375	.250	.108
-6	3/8	.5625-18	.609	1.188	.563	.094	1.797	1.078	.094	.563	.500	.313	.151
-8	1/2	.7500-16	.719	1.375	.750	.094	2.094	1.344	.094	.750	.625	.438	.224
-10	5/8	.8750-14	.859	1.516	.875	.094	2.375	1.547	.125	.875	.750	.438	.515
-12	3/4	1.0625-12	.969	1.687	1.063	.094	2.656	1.766	.125	1.063	.875	.500	.820
-16	1	1.3125-12	1.094	1.687	1.313	.094	2.781	1.922	.125	1.131	1.063	.625	1.047
-20	1-1/4	1.6250-12	1.375	1.734	1.625	.094	3.109	2.156	.188	1.625	1.250	.750	1.374
AS1253-24	1-1/2	1.8750-12	1.656	1.750	1.875	.094	3.406	2.328	.188	1.875	1.438	.875	2.046

- NOTES: 1. BREAK ALL SHARP EDGES. REMOVE ALL BURRS AND SLIVERS.
2. DIMENSIONS IN INCHES AND MILLIMETERS.
3. TOLERANCES UNLESS NOTED: DECIMALS: $\frac{+.406 \text{ mm}}{+.016 \text{ INCHES}}$, ANGLES: $\pm 0.5^\circ$
4. ADD J, K, OR S AFTER PART NUMBER TO DESIGNATE MATERIAL.
5. EXAMPLE OF PART NUMBERS:
AS1253-4J = 1/4 OD TUBE CONNECTION OF 304 MATERIAL WITH AS1097 SEAL.

TABLE II
(MILLIMETERS, EXCEPT THREAD T)

PART NO. SEE NOTE 4	TUBING OD	THREAD T (REF)	A (REF)	B (REF)	G DIA	H RAD	M +1.194 -0.000	Q +1.194 -0.000	U RAD	V	W APPROX	X APPROX	WEIGHT Kg (MAX)
AS1253- 4	6.350	.4375-20	11.887	28.194	11.125	1.600	40.081	24.206	1.600	11.125	9.525	6.350	.049
- 6	9.925	.5625-18	15.469	30.175	14.300	2.388	45.644	27.381	2.388	14.300	12.700	7.950	.068
- 8	12.700	.7500-16	18.263	34.925	19.050		53.188	34.138	2.388	19.050	15.875	11.125	.102
-10	15.875	.8750-14	21.819	38.506	22.225		60.325	39.294	3.175	22.225	19.050	11.125	.234
-12	19.050	1.0625-12	24.613	42.850	27.000		67.462	44.856	3.175	27.000	22.225	12.700	.372
-16	25.400	1.3125-12	27.788	42.850	33.350		70.637	48.819	3.175	33.350	27.000	15.875	.475
-20	31.750	1.6250-12	34.925	44.044	41.275		78.969	54.762	4.775	41.275	31.750	19.050	.623
AS1253-24	38.100	1.8750-12	42.062	44.450	47.625	2.388	86.512	59.131	4.775	47.625	36.525	22.225	.928