



# AEROSPACE STANDARD

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

AS 1100

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Revised

## UNION- FLARED TUBE, BULKHEAD AND UNIVERSAL, WITH SEAL RING

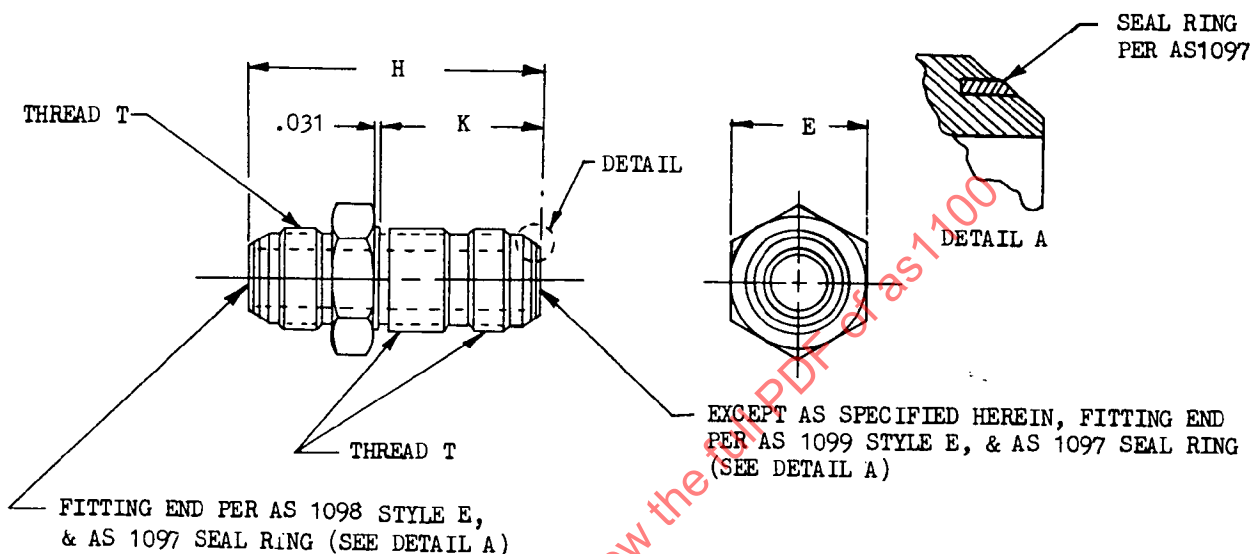


TABLE I  
(INCHES)

| PART NO.<br>SEE NOTE 4 | TUBING<br>OD | THREAD T<br>(REF) | E<br>(REF) | H     | K     | WEIGHT<br>LB (MAX) |
|------------------------|--------------|-------------------|------------|-------|-------|--------------------|
| AS1100- 4              | 1/4          | .4375-20          | .688       | 2.047 | 1.203 | .070               |
| - 6                    | 3/8          | .5625-18          | .813       | 2.219 | 1.281 | .114               |
| - 8                    | 1/2          | .7500-16          | 1.000      | 2.453 | 1.438 | .207               |
| -10                    | 5/8          | .8750-14          | 1.125      | 2.719 | 1.578 | .319               |
| -12                    | 3/4          | 1.0625-12         | 1.375      | 3.031 | 1.750 | .481               |
| -16                    | 1            | 1.3125-12         | 1.625      | 3.078 | 1.750 | .655               |
| -20                    | 1-1/4        | 1.6250-12         | 1.875      | 3.156 | 1.797 | .926               |
| AS1100-24              | 1-1/2        | 1.8750-12         | 2.125      | 3.313 | 1.813 | 1.282              |

### NOTES:

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

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

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

5. EXAMPLE OF PART NUMBER:

AS1100-4J = 1/4 OD TUBE UNION OF 304 MATERIAL WITH AS1097 SEAL.

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