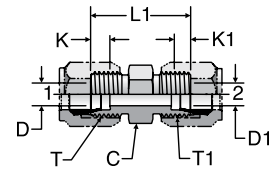


# HBU

Union  
Flareless / Flareless

SAE 080101



| TUBE FITTING PART # | END SIZE |         | T TUBE END UN/UNF-2A | T1 TUBE END UN/UNF-2A | C HEX (in.) | D DRILL (in.) | D1 DRILL (in.) | K (in.) | K1 (in.) | L1 (in.) | Dynamic Pressure (x 1,000 PSI) |           |
|---------------------|----------|---------|----------------------|-----------------------|-------------|---------------|----------------|---------|----------|----------|--------------------------------|-----------|
|                     | 1 (in.)  | 2 (in.) |                      |                       |             |               |                |         |          |          | -S                             | -SS       |
|                     | 2 HBU    | 1/8     |                      |                       |             |               |                |         |          |          | 1/8                            | 5/16 - 24 |
| 3 HBU               | 3/16     | 3/16    | 3/8 - 24             | 3/8 - 24              | 7/16        | 0.125         | 0.125          | 0.24    | 0.24     | 1.11     | 6.0                            | 6.0       |
| 4 HBU               | 1/4      | 1/4     | 7/16 - 20            | 7/16 - 20             | 1/2         | 0.203         | 0.203          | 0.24    | 0.24     | 1.18     | 6.0                            | 6.0       |
| 5 HBU               | 5/16     | 5/16    | 1/2 - 20             | 1/2 - 20              | 9/16        | 0.234         | 0.234          | 0.26    | 0.26     | 1.18     | 6.0                            | 6.0       |
| 6 HBU               | 3/8      | 3/8     | 9/16 - 18            | 9/16 - 18             | 5/8         | 0.281         | 0.281          | 0.26    | 0.26     | 1.24     | 6.0                            | 6.0       |
| 6-4 HBU             | 3/8      | 1/4     | 9/16 - 18            | 7/16 - 20             | 5/8         | 0.281         | 0.203          | 0.26    | 0.24     | 1.22     | 6.0                            | 6.0       |
| 8 HBU               | 1/2      | 1/2     | 3/4 - 16             | 3/4 - 16              | 13/16       | 0.422         | 0.422          | 0.31    | 0.31     | 1.42     | 5.0                            | 5.0       |
| 8-6 HBU             | 1/2      | 3/8     | 3/4 - 16             | 9/16 - 18             | 13/16       | 0.422         | 0.281          | 0.31    | 0.26     | 1.33     | 5.0                            | 5.0       |
| 10 HBU              | 5/8      | 5/8     | 7/8 - 14             | 7/8 - 14              | 15/16       | 0.500         | 0.500          | 0.36    | 0.36     | 1.61     | 5.0                            | 5.0       |
| 10-8 HBU            | 5/8      | 1/2     | 7/8 - 14             | 3/4 - 16              | 15/16       | 0.500         | 0.422          | 0.36    | 0.31     | 1.55     | 5.0                            | 5.0       |
| 12 HBU              | 3/4      | 3/4     | 1 1/16 - 12          | 1 1/16 - 12           | 1 1/8       | 0.656         | 0.656          | 0.36    | 0.36     | 1.81     | 4.5                            | 4.5       |
| 14 HBU              | 7/8      | 7/8     | 1 3/16 - 12          | 1 3/16 - 12           | 1 1/4       | 0.719         | 0.719          | 0.36    | 0.36     | 1.81     | 4.0                            | 4.0       |
| 16 HBU              | 1        | 1       | 1 5/16 - 12          | 1 5/16 - 12           | 1 3/8       | 0.875         | 0.875          | 0.42    | 0.42     | 1.81     | 4.0                            | 4.0       |
| 20 HBU              | 1 1/4    | 1 1/4   | 1 5/8 - 12           | 1 5/8 - 12            | 1 11/16     | 1.094         | 1.094          | 0.42    | 0.42     | 1.89     | 3.0                            | 3.0       |
| 24 HBU              | 1 1/2    | 1 1/2   | 1 7/8 - 12           | 1 7/8 - 12            | 2           | 1.344         | 1.344          | 0.49    | 0.49     | 1.96     | 2.0                            | 2.0       |
| 32 HBU              | 2        | 2       | 2 1/2 - 12           | 2 1/2 - 12            | 2 5/8       | 1.813         | 1.813          | 0.49    | 0.49     | 2.11     | 1.5                            | 1.5       |

Dimensions and pressures for reference only, subject to change.

