

# UNION BRANCH TEE

## SILVER BRAZE

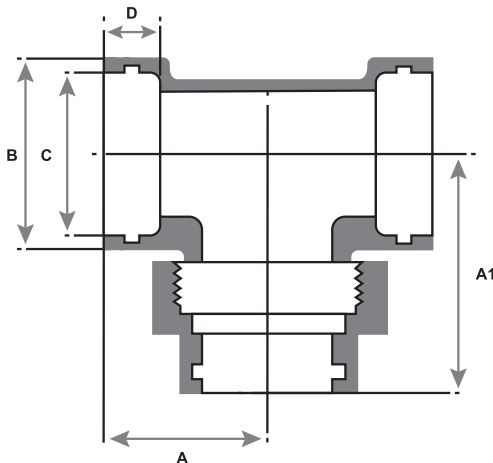
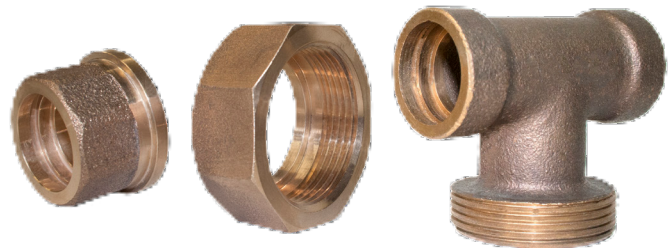
Intended for use with Class 200 or 700  
Copper Nickel Tube IAW MIL-T-16420  
Copper Tube IAW MIL-T-24107  
Brass Tube IAW MIL-T-20168

Specification: MIL-F-1183  
Pressure Rating: 400 PSIG (WOG)

| SERVICE RATING TABLE       |                                                |                          |                                                |                          |
|----------------------------|------------------------------------------------|--------------------------|------------------------------------------------|--------------------------|
| Nominal Pipe Size (INCHES) | Maximum Working Pressure (LB/IN <sup>2</sup> ) | Maximum Temperature (°F) | Maximum Working Pressure (LB/IN <sup>2</sup> ) | Maximum Temperature (°F) |
| 1/4 through 6              | 200                                            | 425                      | 400                                            | 150                      |
| Above 6                    | 150                                            | 425                      | 250                                            | 150                      |



**BRONZE**  
ASTM B61 / QQ-C-390 / MIL-B-16541  
(ALLOY C90300 / C92200)



### AVAILABLE ALLOY: BRONZE

| NOMINAL PIPE SIZE | 1/4"                    | 3/8"                    | 1/2"                    | 3/4"                    | 1"                      | 1 1/4"                  | 1 1/2"                  | 2"                      |
|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SMI P/N           | UBTBSB040               | UBTBSB060               | UBTBSB100               | UBTBSB150               | UBTBSB200               | UBTBSB250               | UBTBSB300               | UBTBSB400               |
| A                 | 15/16                   | 1 1/16                  | 1 1/4                   | 1 7/16                  | 1 5/8                   | 1 15/16                 | 2 1/8                   | 2 1/2                   |
| A1                | 1 5/16                  | 2 7/32                  | 2 13/32                 | 2 7/8                   | 3 5/32                  | 3 21/32                 | 3 15/16                 | 4 1/2                   |
| B                 | 0.700                   | 0.855                   | 1.020                   | 1.250                   | 1.535                   | 1.900                   | 2.160                   | 2.675                   |
| C                 | 0.540 MIN. - 0.543 MAX. | 0.675 MIN. - 0.678 MAX. | 0.840 MIN. - 0.843 MAX. | 1.050 MIN. - 1.053 MAX. | 1.315 MIN. - 1.318 MAX. | 1.660 MIN. - 1.663 MAX. | 1.900 MIN. - 1.905 MAX. | 2.375 MIN. - 2.380 MAX. |
| D                 | 17/64                   | 5/16                    | 3/8                     | 13/32                   | 7/16                    | 1/2                     | 5/8                     | 21/32                   |

NOTES: Brazing rings IAW QQ-B-654, BCuP-5 are to be used with grooved fitting ends.  
Fittings may be ordered with reduced ends.