

# LONG TURN DOUBLE SWEEP TEE BUTT WELD

Specification: NAVSEA DWG 810-1385880

Pressure Rating: 200 PSIG (WOG)

Intended for use with Class 200  
Copper Nickel Tube IAW MIL-T-16420

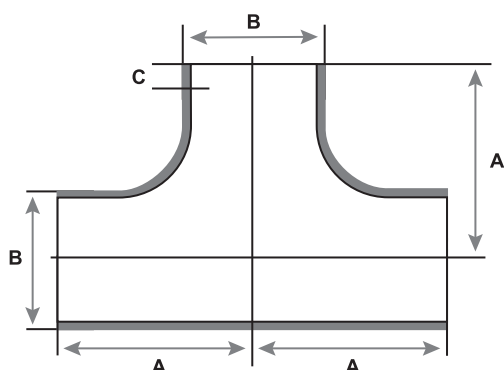
| SERVICE RATING TABLE       |                                                |                          |
|----------------------------|------------------------------------------------|--------------------------|
| Nominal Pipe Size (INCHES) | Maximum Working Pressure (LB/IN <sup>2</sup> ) | Maximum Temperature (°F) |
| 1/4 through 12             | 200                                            | 150                      |



90/10 CUNI  
(ALLOY C70600)



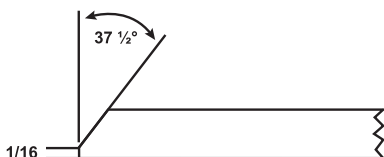
70/30 CUNI  
(ALLOY C71500)



## AVAILABLE ALLOYS: CUNI 90/10 & CUNI 70/30

| NOMINAL PIPE SIZE | SMI P/N (90/10) | SMI P/N (70/30) | A     | B     | C MIN |
|-------------------|-----------------|-----------------|-------|-------|-------|
| 1 1/4"            | DST9BW250       | DST7BW250       | 2.44  | 1.660 | 0.56  |
| 1 1/2"            | DST9BW300       | DST7BW300       | 2.94  | 1.900 | 0.69  |
| 2"                | DST9BW400       | DST7BW400       | 3.72  | 2.375 | 0.72  |
| 2 1/2"            | DST9BW450       | DST7BW450       | 4.63  | 2.875 | 0.88  |
| 3"                | DST9BW500       | DST7BW500       | 5.41  | 3.500 | 0.91  |
| 3 1/2"            | DST9BW550       | DST7BW550       | 6.25  | 4.000 | 0.94  |
| 4"                | DST9BW600       | DST7BW600       | 6.97  | 4.500 | 0.97  |
| 5"                | DST9BW700       | DST7BW700       | 8.59  | 5.563 | 1.09  |
| 6"                | DST9BW800       | DST7BW800       | 10.17 | 6.625 | 1.17  |
| 8"                | DST9BW900       | DST7BW900       | 13.38 | 8.625 | 1.38  |

### EDGE PREPARATION FOR WELDING



Square edge for 0.095 wall or lighter.  
For heavier than 0.095 wall, beveled as shown.

NOTES: Fittings may be ordered with reduced ends. Sizes not shown may be available upon request.