

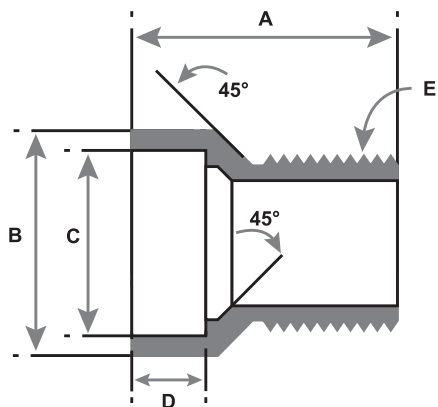
# MALE PIPE THREAD ADAPTER SOCKET WELD

Specification: NAVSEA DWG 803-6397430

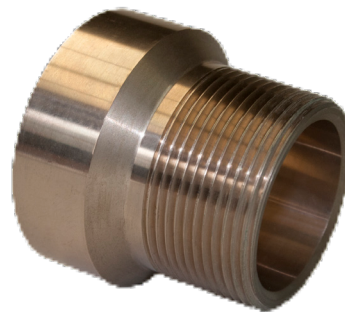
Pressure Rating: 400 PSIG (WOG)

Intended for use with Class 200 or 700  
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) | 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                      |



70/30 CUNI  
(ALLOY C715/C964)



90/10 CUNI  
(ALLOY C706/C962)

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

| NOMINAL PIPE SIZE | 1/4"                    | 3/8"                    | 1/2"                    | 3/4"                    | 1"                     | 1 1/4"                  | 1 1/2"                  | 2"                      |
|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| SMI P/N (90/10)   | A9MPT040                | A9MPT060                | A9MPT100                | A9MPT150                | A9MPT200               | A9MPT250                | A9MPT300                | A9MPT400                |
| SMI P/N (70/30)   | A7MPT040                | A7MPT060                | A7MPT100                | A7MPT150                | A7MPT200               | A7MPT250                | A7MPT300                | A7MPT400                |
| A                 | 1.22 (+/- 0.08)         | 1.3 (+/- 0.10)          | 1.58 (+/- 0.12)         | 1.63 (+/- 0.12)         | 1.9 (+/- 0.14)         | 1.99 (+/- 0.14)         | 2.16 (+/- 0.16)         | 2.25 (+/- 0.16)         |
| B                 | 0.900 MIN. - 0.945 MAX. | 1.051 MIN. - 1.096 MAX. | 1.230 MIN. - 1.275 MAX. | 1.458 MIN. - 1.503 MAX. | 1.735 MIN. - 1.78 MAX. | 2.084 MIN. - 2.129 MAX. | 2.324 MIN. - 2.387 MAX. | 2.863 MIN. - 2.908 MAX. |
| C                 | .545 (+/- .030)         | .680 (+/- .030)         | .845 (+/- .030)         | 1.055 (+/- .030)        | 1.320 (+/- .030)       | 1.665 (+/- .030)        | 1.905 (+/- .030)        | 2.380 (+/- .046)        |
| D                 | 25/94                   | 5/16                    | 3/8                     | 13/32                   | 7/16                   | 1/2                     | 5/8                     | 23/35                   |
| E                 | 1/4 X 18                | 3/8 X 18                | 1/2 X 14                | 3/4 X 14                | 1 X 11.5               | 1-1/4 X 11.5            | 1-1/2 X 11.5            | 2 X 11.5                |

NOTES: Fittings may be ordered with reduced ends and/or female threads