



Republic Brass Sales, Inc.
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COUPLING SOCKET WELD

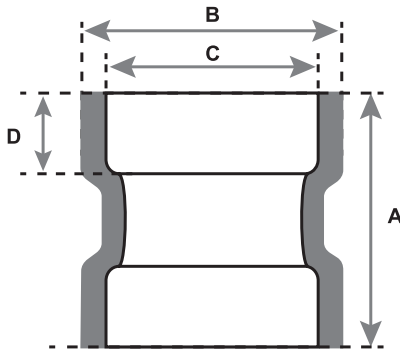
Specification: NAVSEA DWG 803-6397430
 Pressure Rating: 400 PSIG (WOG)

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 ²) | Maximum Temperature (°F) | Maximum Working Pressure (LB/IN ²) | 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" | 2 1/2" | 3" | 3 1/2" | 4" |
|-------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| RBS P/N (90/10) | CO9SW040 | CO9SW060 | CO9SW100 | CO9SW150 | CO9SW200 | CO9SW250 | CO9SW300 | CO9SW400 | CO9SW450 | CO9SW500 | CO9SW550 | CO9SW600 |
| RBS P/N (70/30) | CO7SW040 | CO7SW060 | CO7SW100 | CO7SW150 | CO7SW200 | CO7SW250 | CO7SW300 | CO7SW400 | CO7SW450 | CO7SW500 | CO7SW550 | CO7SW600 |
| A | .97 +/- .08 | 1.05 +/- .100 | 1.29 +/- .120 | 1.43 +/- .120 | 1.68 +/- .140 | 1.86 +/- .140 | 1.92 +/- .160 | 2.2 +/- .160 | 2.88 +/- .200 | 3.18 +/- .200 | 3.43 +/- .200 | 3.69 +/- .240 |
| B | 0.945 | 1.096 | 1.275 | 1.503 | 1.780 | 2.129 | 2.387 | 2.908 | 3.408 | 4.041 | 4.541 | 5.097 |
| C | .545 (+/- .030) | .680 (+/- .030) | .845 (+/- .030) | 1.055 (+/- .030) | 1.320 (+/- .030) | 1.665 (+/- .030) | 1.905 (+/- .030) | 2.380 (+/- .046) | 2.880 (+/- .051) | 3.505 (+/- .055) | 4.005 (+/- .055) | 4.505 (+/- .060) |
| D | 25/94 | 5/16 | 3/8 | 13/32 | 7/16 | 1/2 | 5/8 | 23/35 | 25/32 | 77/93 | 7/8 | 29/32 |

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

