



**CUNIMET**<sup>®</sup>  
ALLOYS PVT. LTD.

**CUNIMET ALLOYS PVT. LTD.**

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# RETURN BEND SILVER BRAZE

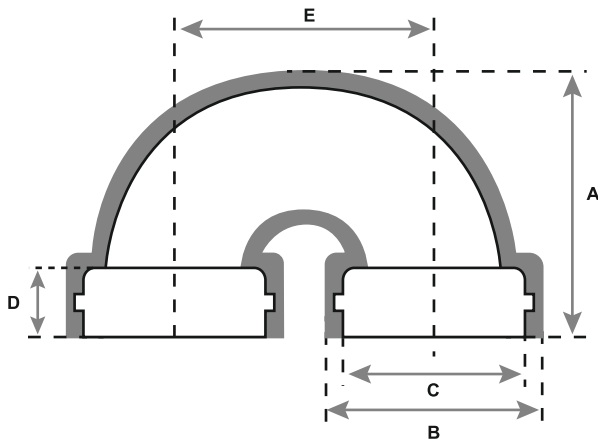
Specification: MIL-F-1183

Pressure Rating: 400 PSIG (WOG)

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

**SERVICE RATING TABLE**

| Nominal<br>Pipe Size<br>(INCHES) | Maximum<br>Working<br>Pressure<br>(LB/IN <sup>2</sup> ) | Maximum<br>Temperature<br>(°F) | Maximum<br>Working<br>Pressure<br>(LB/IN <sup>2</sup> ) | Maximum<br>Temperature<br>(°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<br>PIPE SIZE | 3/4"                     | 1"                       | 1 1/4"                   | 1 1/2"                   | 2"                       | 2 1/2"                   | 3"                       | 4"                       |
|----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| P/N                  | RBBSB150                 | RBBSB200                 | RBBSB250                 | RBBSB300                 | RBBSB400                 | RBBSB450                 | RBBSB500                 | RBBSB600                 |
| A                    | 2.250                    | 2.625                    | 3.125                    | 3.563                    | 4.188                    | 4.812                    | 5.500                    | 6.625                    |
| B                    | 1.250                    | 1.535                    | 1.900                    | 2.160                    | 2.675                    | 3.215                    | 3.880                    | 4.940                    |
| C                    | 1.050 MIN -<br>1.053 MAX | 1.315 MIN -<br>1.318 MAX | 1.660 MIN -<br>1.663 MAX | 1.900 MIN -<br>1.905 MAX | 2.375 MIN -<br>2.380 MAX | 2.875 MIN -<br>2.882 MAX | 3.500 MIN -<br>3.507 MAX | 4.500 MIN -<br>4.507 MAX |
| D                    | 13/32                    | 7/16                     | 1/2                      | 5/8                      | 21/32                    | 25/32                    | 53/64                    | 29/32                    |
| E                    | 2                        | 2 1/2                    | 3                        | 3 1/2                    | 4                        | 4 1/2                    | 5                        | 6                        |

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



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