



| PART NUMBER | TUBE OD | A NPTF   | B UN/UNF-2A | L    | C    | D1   | D2   | Working Pressure |
|-------------|---------|----------|-------------|------|------|------|------|------------------|
| 28701       | 1/4     | 1/8-27   | 7/16-20     | 1.22 | 0.44 | 0.17 | 0.19 | 3250 psi         |
| 28702       | 1/4     | 1/4-18   | 7/16-20     | 1.38 | 0.56 | 0.17 | 0.30 | 3250 psi         |
| 28703       | 1/4     | 3/8-18   | 7/16-20     | 1.38 | 0.69 | 0.17 | 0.41 | 3250 psi         |
| 28704       | 5/16    | 1/8-27   | 1/2-20      | 1.22 | 0.56 | 0.23 | 0.19 | 3250 psi         |
| 28705       | 5/16    | 1/4-18   | 1/2-20      | 1.36 | 0.56 | 0.23 | 0.30 | 3250 psi         |
| 28706       | 3/8     | 1/8-27   | 9/16-18     | 1.19 | 0.63 | 0.28 | 0.28 | 3250 psi         |
| 28707       | 3/8     | 1/4-18   | 9/16-18     | 1.39 | 0.63 | 0.29 | 0.29 | 3250 psi         |
| 28708       | 3/8     | 3/8-18   | 9/16-18     | 1.38 | 0.75 | 0.30 | 0.41 | 3250 psi         |
| 28709       | 3/8     | 1/2-14   | 9/16-18     | 1.58 | 0.88 | 0.30 | 0.53 | 3250 psi         |
| 28710       | 1/2     | 1/4-18   | 3/4-16      | 1.50 | 0.81 | 0.39 | 0.28 | 3250 psi         |
| 28711       | 1/2     | 3/8-18   | 3/4-16      | 1.53 | 0.81 | 0.39 | 0.41 | 3250 psi         |
| 28712       | 1/2     | 1/2-14   | 3/4-16      | 1.72 | 0.88 | 0.39 | 0.53 | 3250 psi         |
| 28713       | 1/2     | 3/4-14   | 3/4-16      | 1.73 | 1.13 | 0.39 | 0.72 | 2600 psi         |
| 28714       | 5/8     | 3/8-18   | 7/8-14      | 1.63 | 0.94 | 0.48 | 0.40 | 3250 psi         |
| 28715       | 5/8     | 1/2-14   | 7/8-14      | 1.89 | 0.94 | 0.48 | 0.53 | 3250 psi         |
| 28716       | 5/8     | 3/4-14   | 7/8-14      | 1.92 | 1.13 | 0.48 | 0.72 | 2600 psi         |
| 28717       | 3/4     | 3/4-14   | 1-1/16-12   | 2.04 | 1.13 | 0.61 | 0.72 | 2600 psi         |
| 28718       | 3/4     | 1-11-1/2 | 1-1/16-12   | 2.21 | 1.38 | 0.61 | 0.94 | 1950 psi         |

ASTM: B-16  
 TEMP RANGE: -65° - 250° F

"This drawing contains proprietary and confidential information of Midland Metal Mfg., Co. and shall not be reproduced, copied, loaned, or submitted to outside parties for examination without our consent"

|     |     |                      |   |   |            |                         |
|-----|-----|----------------------|---|---|------------|-------------------------|
| 4   |     |                      | TOLERANCES ARE:<br>DECIMALS,<br>.X ± 0.03<br>.XX ± 0.01<br>.XXX ± 0.005<br>ANGLES ± 1°<br>FRACTIONS ± 1/8 | Date: 02/04/04  | UNIT: INCH | Material: CA360 BRASS   |
| 3   |     |                      |   | Drawn: Rita Sue   | Scale:     |                         |
| 2   |     | B (02/04/04) MIDLAND |   | Checked:  | PROJECT    | Part Title: MJIC * MNPT |
| 1   |     | A (10/21/03)         |   | Approved:   |            | STRAIGHT CONNECTOR      |
| NO. | PCA | Date                 | Revision  | <b>MIDLAND METAL MFG. CO.</b><br><b>KANSAS CITY, MO</b> |            | DWG. NO.                |