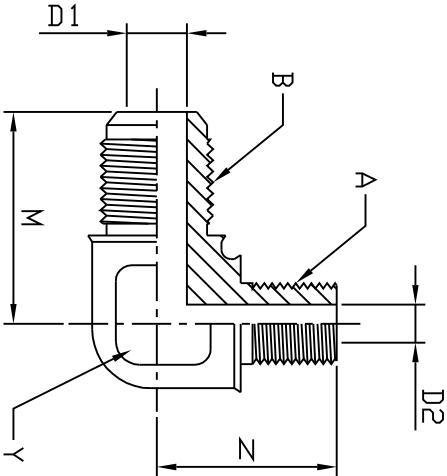




| PART NUMBER | TUBE OD | B<br>UN/UNF-2A | A<br>NPTF | M    | N    | Y    | D1   | D2   | Working Pressure |
|-------------|---------|----------------|-----------|------|------|------|------|------|------------------|
| 28760F      | 1/4     | 7/16-20        | 1/8-27    | 1.01 | 0.76 | 0.47 | 0.17 | 0.27 | 2160 psi         |
| 28762F      | 1/4     | 7/16-20        | 1/4-18    | 1.01 | 1.04 | 0.59 | 0.17 | 0.28 | 1846 psi         |
| 28766F      | 5/16    | 1/2"-20        | 1/4-18    | 1.02 | 1.05 | 0.56 | 0.25 | 0.28 |                  |
| 28768F      | 3/8     | 9/16-18        | 1/8-27    | 1.04 | 0.99 | 0.56 | 0.30 | 0.19 | 3128 psi         |
| 28770F      | 3/8     | 9/16-18        | 1/4-18    | 1.04 | 1.08 | 0.56 | 0.30 | 0.28 | 1564 psi         |
| 28772F      | 3/8     | 9/16-18        | 3/8-18    | 1.11 | 1.17 | 0.75 | 0.30 | 0.41 | 1464 psi         |
| 28773F      | 3/8     | 9/16-18        | 1/2-14    | 1.28 | 1.43 | 0.88 | 0.30 | 0.53 | 1265 psi         |
| 28774F      | 1/2     | 3/4-16         | 3/8-18    | 1.20 | 1.12 | 0.80 | 0.39 | 0.41 | 1467 psi         |
| 28777F      | 1/2     | 3/4-16         | 1/2-14    | 1.35 | 1.43 | 0.88 | 0.39 | 0.53 | 1265 psi         |
| 28778F      | 1/2     | 3/4-16         | 3/4-14    | 1.42 | 1.63 | 0.88 | 0.39 | 0.53 | 2061 psi         |
| 28781F      | 3/4     | 1-1/16-12      | 1/2-14    | 1.62 | 1.52 | 1.06 | 0.61 | 0.53 | 1265 psi         |
| 28783F      | 3/4     | 1-1/16-12      | 3/4-14    | 1.77 | 1.52 | 1.31 | 0.61 | 0.74 | 1084 psi         |
| 28784F      | 1       | 1-5/16-12      | 3/4"-14   | 1.81 | 1.49 | 1.30 | 0.86 | 0.75 |                  |
| 28786F      | 1       | 1-5/16-12      | 1-11-1/2  | 1.80 | 1.96 | 1.31 | 0.84 | 0.94 | 2361 psi         |

ASTM: B-124  
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" |     |      |                      |                                                                                                         | Date: 02/17/04  |        | UNIT: INCH                                                                          | Material: CA377 BRASS                                                               |                   |  |
| 4                                                                                                                                                                                                            |     |      |                      | TOLERANCES ARE:<br>DECIMALS.<br>.X± 0.03<br>.XX± 0.01<br>.XXX± 0.005<br>ANGLES:± 1 °<br>FRACTIONS ± 1/8 | Drawn: Rita Sue | Scale: |  | MJIC * MNPT                                                                         |                   |  |
| 3                                                                                                                                                                                                            |     |      |                      |                                                                                                         | Checked:        |        |                                                                                     |                                                                                     |                   |  |
| 2                                                                                                                                                                                                            |     |      | B (02/17/04) MIDLAND |                                                                                                         | Approved:       |        | PROJECT                                                                             |  | 90 ° FORGED ELBOW |  |
| 1                                                                                                                                                                                                            |     |      | A (10/28/03)         |                                                                                                         | Part Title:     |        |                                                                                     |                                                                                     |                   |  |
| NO.                                                                                                                                                                                                          | PCA | Date | Revision             |                                                                                                         | DWG. NO.        |        |                                                                                     |                                                                                     |                   |  |
| MIDLAND METAL MFG. CO.<br>KANSAS CITY,MO                                                                                                                                                                     |     |      |                      |                                                                                                         |                 |        |                                                                                     |                                                                                     |                   |  |