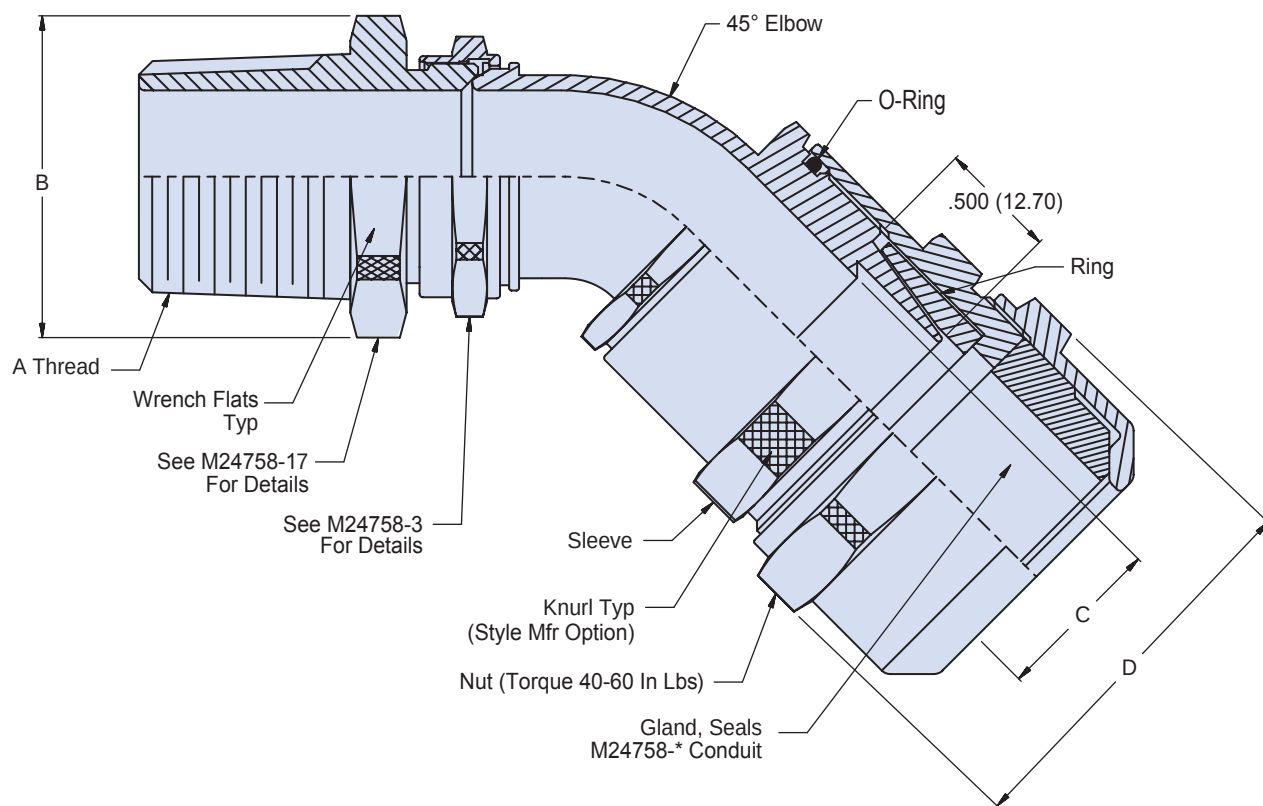
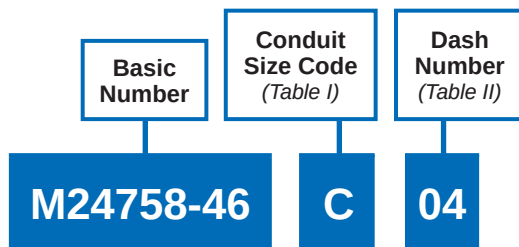


# MIL-PRF-24758-46

## 45° Elbow • Conduit to Tapered Pipe Thread

A



### APPLICATION NOTES

1. Assembly identified with manufacturer's code identification number (Glenair, part number and classification code 490).
2. The function of the M24758-46 fitting is to terminate M24758-\* flexible shielding conduit to a reusable fitting having an external tapered pipe thread.
3. Use Glenair 600-176 jam nut wrench.
4. Material / Finish:  
45° Elbow, nuts, 90° elbow, sleeve and ring - 316L SST/  
Electroless nickel, matte finish.  
O-Ring and gland - Silicone rubber/NA  
Sealing washer - See individual drawing.
5. Metric dimensions (mm) are indicated in parentheses.

**MIL-PRF-24758-46**  
**45° Elbow • Conduit to Tapered Pipe Thread**



MIL-PRF  
24758A

**A**

**TABLE I: CONDUIT SIZE CODE**

| CONDUIT<br>SIZE<br>CODE | D<br>MIN<br>DIA | E<br>MAX<br>DIA |
|-------------------------|-----------------|-----------------|
| A                       | .245 (6.22)     | 1.140 (28.96)   |
| B                       | .495 (12.57)    | 1.460 (37.08)   |
| C                       | .745 (18.92)    | 1.780 (45.21)   |
| D                       | .995 (24.88)    | 2.030 (51.56)   |
| E                       | 1.245 (31.62)   | 2.280 (57.91)   |
| F                       | 1.495 (37.97)   | 2.530 (64.26)   |
| G                       | 1.995 (50.67)   | 3.140 (79.76)   |
| H                       | 2.495 (63.37)   | 3.650 (92.71)   |
| J                       | .370 (9.40)     | 1.340 (34.04)   |
| K                       | .620 (15.75)    | 1.650 (41.91)   |
| L                       | 2.995 (76.07)   | 4.150 (105.41)  |

**TABLE II: DASH NUMBER**

| DASH<br>NUMBER | A<br>EXTERNAL<br>TAPER<br>PIPE THREAD | B<br>MAX<br>DIA |
|----------------|---------------------------------------|-----------------|
| 01             | .250-18 NPT                           | 1.000 (25.40)   |
| 02             | .375-18 NPT                           | 1.130 (28.70)   |
| 03             | .500-14 NPT                           | 1.250 (31.75)   |
| 04             | .750-14 NPT                           | 1.500 (38.10)   |
| 05             | 1.000-11.5 NPT                        | 1.750 (44.45)   |
| 06             | 1.250-11.5 NPT                        | 2.130 (54.10)   |
| 07             | 1.500-11.5 NPT                        | 2.380 (60.45)   |
| 08             | 2.000-11.5 NPT                        | 2.880 (73.15)   |
| 09             | 2.500-8 NPT                           | 3.380 (85.85)   |
| 10             | 3.000-8 NPT                           | 4.130 (104.90)  |