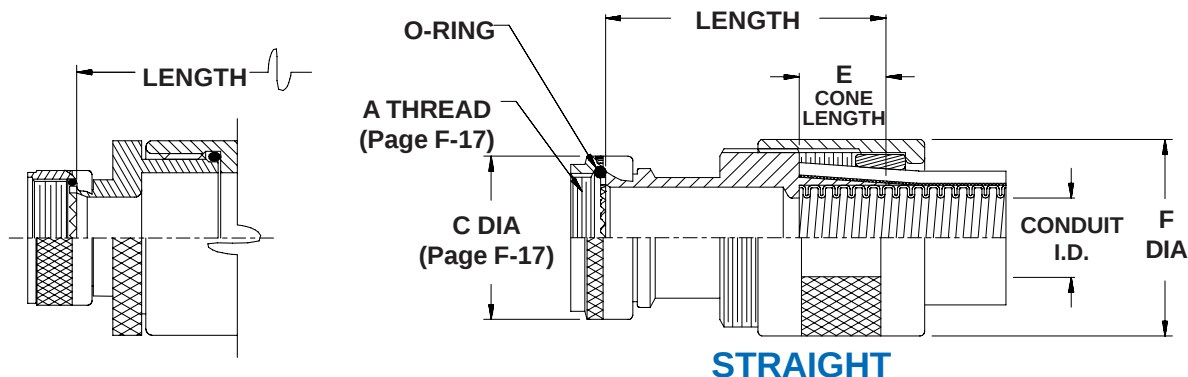
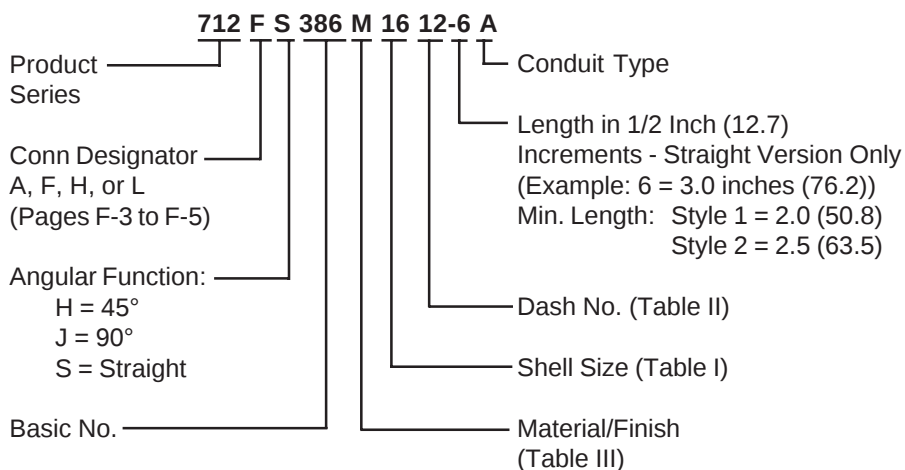
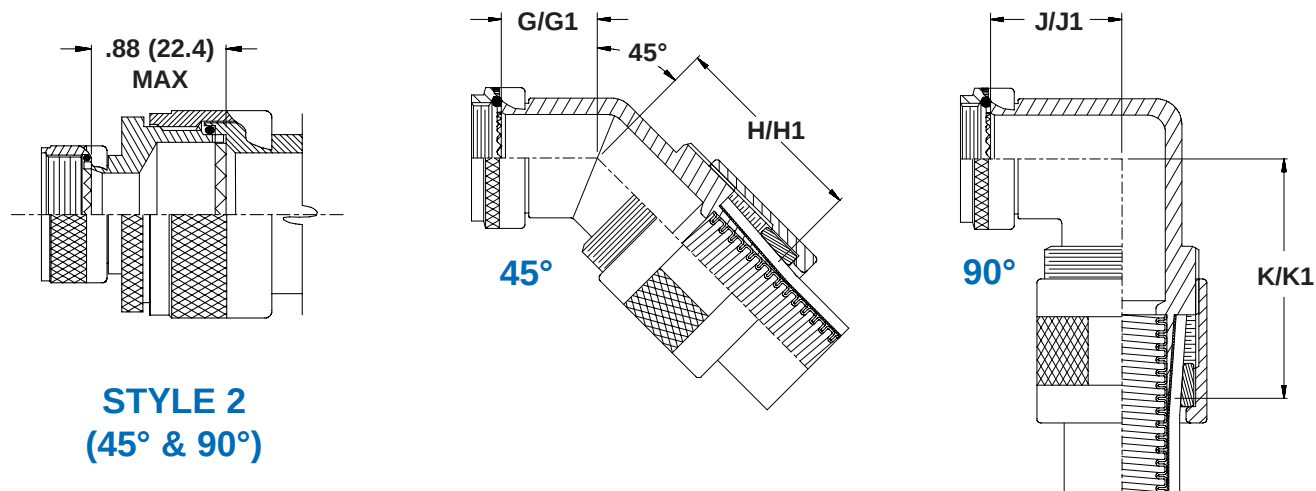




**STYLE 2  
STRAIGHT**



**712-386**  
**Straight, 45° & 90° Environmental User-Installable**  
**Fitting for Series 75 Flexible Metal-Core Conduit**



Series 75  
Metal-Core  
Conduit

**TABLE I**

| SHELLSIZE<br>A,F,L | H  | G<br>MAX     | H<br>MAX     | J<br>MAX     | K<br>MAX     |
|--------------------|----|--------------|--------------|--------------|--------------|
| 08                 | 09 | .639 (16.2)  | 1.700 (43.2) | .750 (19.1)  | 1.810 (46.0) |
| 10                 | 11 | .654 (16.6)  | 1.730 (43.9) | .810 (20.6)  | 1.870 (47.5) |
| 12                 | 13 | .688 (17.5)  | 1.750 (44.5) | .870 (22.1)  | 1.930 (49.0) |
| 14                 | 15 | .705 (17.9)  | 1.780 (45.2) | .920 (23.4)  | 2.000 (50.8) |
| 16                 | 17 | .732 (18.6)  | 1.800 (45.7) | .980 (24.9)  | 2.060 (52.3) |
| 18                 | 19 | .748 (19.0)  | 1.810 (46.0) | 1.020 (25.9) | 2.080 (52.8) |
| 20                 | 21 | .773 (19.6)  | 2.020 (51.3) | 1.080 (27.4) | 2.390 (60.7) |
| 22                 | 23 | .800 (20.3)  | 2.060 (52.3) | 1.140 (29.0) | 2.470 (62.7) |
| 24                 | 25 | .823 (20.9)  | 2.090 (53.1) | 1.200 (30.5) | 2.540 (64.5) |
| 28                 |    | 1.041 (26.4) | 2.320 (58.9) | 1.480 (37.6) | 2.780 (70.6) |
| 32                 |    | 1.092 (27.7) | 2.360 (59.9) | 1.610 (40.9) | 2.870 (72.9) |
| 36                 |    | 1.138 (28.9) | 2.410 (61.2) | 1.720 (43.7) | 2.960 (75.2) |
| 40                 |    | 1.184 (30.1) | 2.450 (62.2) | 1.830 (46.5) | 3.070 (78.0) |
| 44                 |    | 1.235 (31.4) | 2.500 (63.5) | 1.950 (49.5) | 3.200 (81.3) |
| 48                 |    | 1.287 (32.7) | 2.550 (64.8) | 2.080 (52.8) | 3.320 (84.3) |
| 61                 |    | 1.003 (25.5) | 2.270 (57.7) | 1.390 (35.3) | 2.380 (60.5) |

**NOTES:**

1. Metric dimensions (mm), are in parentheses.
2. O-Ring not supplied with connector designator A.
3. F dimension is based on type A construction. Add .125 (3.2) to listed dimensions for additional shield types B through D.
4. When tubing I.D. max exceeds inside diameter of connector shell, style 2 will be supplied. Refer to pages F-15 and F-16.

**TABLE II**

| DASH<br>NO. | CONDUIT<br>I.D. | E           | F MAX<br>(NOTE 3) | G1<br>MAX    | H1<br>MAX    | J1<br>MAX    | K1<br>MAX    |
|-------------|-----------------|-------------|-------------------|--------------|--------------|--------------|--------------|
| 08          | .250 (6.4)      | .75 (19.1)  | 1.16 (29.5)       | .624 (15.8)  | 1.700 (43.2) | .750 (19.1)  | 1.810 (46.0) |
| 12          | .375 (9.5)      | .75 (19.1)  | 1.34 (34.0)       | .654 (16.6)  | 1.730 (43.9) | .810 (20.6)  | 1.870 (47.5) |
| 16          | .500 (12.7)     | .75 (19.1)  | 1.46 (37.1)       | .688 (17.5)  | 1.750 (44.5) | .870 (22.1)  | 1.930 (49.0) |
| 20          | .625 (15.9)     | .75 (19.1)  | 1.65 (41.9)       | .705 (17.9)  | 1.780 (45.2) | .920 (23.4)  | 2.000 (50.8) |
| 24          | .750 (19.1)     | .75 (19.1)  | 1.84 (46.7)       | .732 (18.6)  | 1.800 (45.7) | .980 (24.9)  | 2.060 (52.3) |
| 32          | 1.000 (25.4)    | 1.00 (25.4) | 2.02 (51.3)       | .773 (19.6)  | 2.020 (51.3) | 1.080 (27.4) | 2.390 (60.7) |
| 40          | 1.250 (31.8)    | 1.00 (25.4) | 2.34 (59.4)       | .823 (20.9)  | 2.090 (53.1) | 1.200 (30.5) | 2.540 (64.5) |
| 48          | 1.500 (38.1)    | 1.00 (25.4) | 2.72 (69.1)       | 1.041 (26.4) | 2.360 (59.9) | 1.480 (37.6) | 2.870 (72.9) |
| 56          | 1.750 (44.5)    | 1.00 (25.4) | 2.96 (75.2)       | 1.062 (27.0) | 2.410 (61.2) | 1.550 (39.4) | 2.960 (75.2) |
| 64          | 2.000 (50.8)    | 1.00 (25.4) | 3.22 (81.8)       | 1.092 (27.7) | 2.450 (62.2) | 1.610 (40.9) | 3.070 (78.0) |
| 80          | 2.500 (63.5)    | 1.00 (25.4) | 3.86 (98.0)       | 1.190 (30.2) | 2.550 (64.8) | 1.860 (47.2) | 3.320 (84.3) |
| 96          | 3.000 (76.2)    | 1.00 (25.4) | 4.38 (111.3)      | 1.250 (31.8) | 2.610 (66.3) | 1.990 (50.5) | 3.450 (87.6) |

**TABLE III**

| SYMBOL | MATERIAL                                           | FINISH                                                                                                            |
|--------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| A      | Aluminum Alloy, 6061-T6 per QQ-A-225/8             | Cadmium, Olive Drab, per QQ-P-416, over Electroless Nickel per ASTM B733-90, and MIL-C-26074, 500 Hour Salt Spray |
| B      | Brass, ASTM B16 per QQ-B-626                       |                                                                                                                   |
| C      | Corrosion Resistant Steel per QQ-S-763, 300 Series | Passivate per QQ-P-35                                                                                             |
| M      | Aluminum Alloy, 6061-T6 per QQ-A-225/8             | Electroless Nickel per ASTM B733-90 and MIL-C-26074                                                               |
| NC     | Aluminum Alloy, 6061-T6 per QQ-A-225/8             | Zinc Cobalt, Olive Drab                                                                                           |
| S      | Carbon Steel, B1113, per QQ-S-637                  | Cadmium, Olive Drab per QQ-P-416, over Electroless Nickel per ASTM B733-90 and MIL-C-26074, 500 Hour Salt Spray   |