



## 710-100 Metal Bulkhead Adapters & Feed-Throughs for Series 72 & 74 Tubing and Series 75 Conduit

**Metal bulkhead adapters & feed-throughs mate with transition fittings**



### How To Order

**Product  
Series**

**710**

**Finish  
(Table II)**

**M**

**Flat for D-Hole  
Mounting  
(Omit for None)**

**20**

**D**

**Adapter Material**

**100** = Aluminum

**101** = Brass

**372** = Stainless Steel

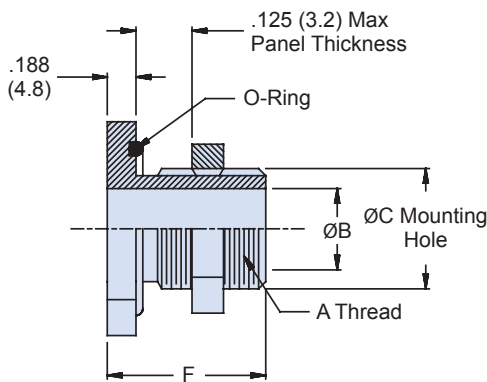
**Feed-Thru Material**

**102** = Aluminum

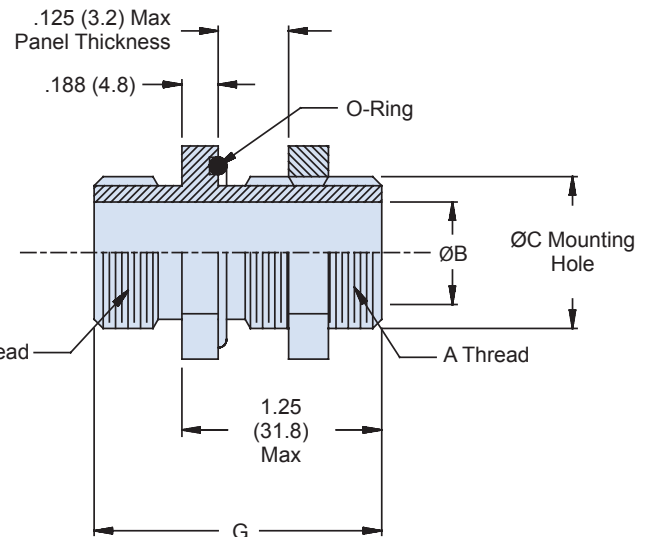
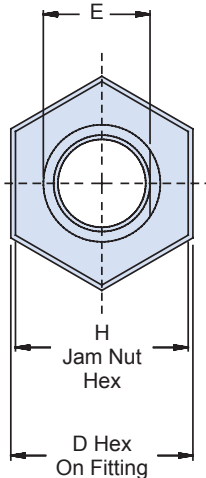
**103** = Brass

**373** = Stainless Steel

**Dash No.  
(Table III)**



**Bulkhead Adapters**  
**710-100/101/372**



**Bulkhead Feed-Throughs**  
**710-102/103/373**

# 710-100

## Metal Bulkhead Adapters & Feed-Throughs for Series 72 & 74 Tubing and Series 75 Conduit



Table III: Dash No./Dimensions

| Dash No. | Conduit Size (Ref) |    |    | A Thread Class 2A | Ø B<br>± .015 (.4) | Ø C<br>± .030 (.8)<br>-.000 (.0) | D Hex Fitting | E<br>± .000 (.0)<br>-.015 (.4) | F Max       | G Max       | H Hex Jam Nut |
|----------|--------------------|----|----|-------------------|--------------------|----------------------------------|---------------|--------------------------------|-------------|-------------|---------------|
|          | 72                 | 74 | 75 |                   |                    |                                  |               |                                |             |             |               |
| 06       | 06                 | 06 | -  | 7/16 - 28 UNEF    | .193 (4.9)         | .44 (11.2)                       | .69 (17.5)    | .375 (9.5)                     | 1.00 (25.4) | 1.63 (41.4) | .63 (16.0)    |
| 08       | -                  | -  | 08 | 1/2 - 20 UNF      | .255 (6.5)         | .50 (12.7)                       | .75 (19.1)    | .438 (11.1)                    | 1.00 (25.4) | 1.63 (41.4) | .75 (19.1)    |
| 09       | 09                 | 09 | 09 | 9/16 - 24 UNEF    | .286 (7.3)         | .56 (14.2)                       | .81 (20.6)    | .500 (12.7)                    | 1.00 (25.4) | 1.63 (41.4) | .75 (19.1)    |
| 10       | -                  | 10 | -  | 9/16 - 24 UNEF    | .317 (8.1)         | .56 (14.2)                       | .81 (20.6)    | .500 (12.7)                    | 1.00 (25.4) | 1.63 (41.4) | .75 (19.1)    |
| 12       | 12                 | 12 | 12 | 5/8 - 24 UNEF     | .380 (9.7)         | .63 (16.0)                       | .88 (22.4)    | .563 (14.3)                    | 1.00 (25.4) | 1.63 (41.4) | .81 (20.6)    |
| 14       | 14                 | 14 | -  | 11/16 - 24 UNEF   | .442 (11.2)        | .69 (17.5)                       | .94 (23.9)    | .625 (15.9)                    | 1.00 (25.4) | 1.63 (41.4) | .88 (22.4)    |
| 16       | 16                 | 16 | 16 | 3/4 - 20 UNEF     | .505 (12.8)        | .75 (19.1)                       | 1.00 (25.4)   | .688 (17.5)                    | 1.00 (25.4) | 1.63 (41.4) | .94 (23.9)    |
| 20       | 20                 | 20 | 20 | 7/8 - 20 UNEF     | .630 (16.0)        | .88 (22.4)                       | 1.13 (28.7)   | .812 (20.6)                    | 1.00 (25.4) | 1.63 (41.4) | 1.06 (26.9)   |
| 24       | 24                 | 24 | 24 | 1 - 20 UNEF       | .755 (19.2)        | 1.00 (25.4)                      | 1.25 (31.8)   | .938 (23.8)                    | 1.00 (25.4) | 1.63 (41.4) | 1.25 (31.8)   |
| 28       | 28                 | 28 | -  | 1 3/16 - 18 UNEF  | .880 (22.4)        | 1.19 (30.2)                      | 1.44 (36.6)   | 1.125 (28.6)                   | 1.00 (25.4) | 1.63 (41.4) | 1.38 (35.1)   |
| 32       | 32                 | 32 | 32 | 1 5/16 - 18 UNEF  | 1.005 (25.5)       | 1.31 (33.3)                      | 1.56 (39.6)   | 1.250 (31.8)                   | 1.00 (25.4) | 1.63 (41.4) | 1.62 (41.1)   |
| 40       | 40                 | 40 | 40 | 1 1/2 - 18 UNEF   | 1.255 (31.9)       | 1.50 (38.1)                      | 1.81 (46.0)   | 1.438 (36.5)                   | 1.00 (25.4) | 1.63 (41.4) | 1.75 (44.5)   |
| 48       | 48                 | 48 | 48 | 1 3/4 - 18 UNS    | 1.505 (38.2)       | 1.75 (44.5)                      | 2.06 (52.3)   | 1.688 (42.9)                   | 1.13 (28.7) | 1.75 (44.5) | 2.00 (50.8)   |
| 56       | -                  | 56 | 56 | 2 - 18 UNS        | 1.755 (44.6)       | 2.00 (50.8)                      | 2.31 (58.7)   | 1.938 (49.2)                   | 1.13 (28.7) | 1.75 (44.5) | 2.19 (55.6)   |
| 64       | -                  | 64 | 64 | 2 1/4 - 16 UN     | 2.005 (50.9)       | 2.25 (57.2)                      | 2.56 (65.0)   | 2.188 (55.6)                   | 1.13 (28.7) | 1.75 (44.5) | 2.44 (62.0)   |
| 80       | -                  | -  | 80 | 2 3/4 - 16 UN     | 2.505 (63.6)       | 2.75 (69.9)                      | 3.06 (77.7)   | 2.688 (68.3)                   | 1.13 (28.7) | 1.75 (44.5) | 3.00 (76.2)   |
| 96       | -                  | -  | 96 | 3 1/4 - 16 UN     | 3.005 (76.3)       | 3.25 (82.6)                      | 3.56 (90.4)   | 3.188 (81.0)                   | 1.13 (28.7) | 1.75 (44.5) | 3.50 (88.9)   |

Table II: Finish

| Sym | Finish                                                                       |
|-----|------------------------------------------------------------------------------|
| B   | Olive Drab over Cadmium Plate                                                |
| J   | Gold Iridite over Cadmium Plate over Nickel                                  |
| M   | Electroless Nickel                                                           |
| N   | Olive Drab over Cadmium Plate over Nickel                                    |
| NC  | Zinc Cobalt, Olive Drab                                                      |
| NF  | Olive Drab over Cadmium Plate over Electroless Nickel (1000 Hour salt Spray) |
| T   | Bright Dip Cadmium over Nickel                                               |
| Z1  | Passivate                                                                    |