

# Nickel Plated Brass Liquid Tight Strain Relief Fittings Multi-Hole - NPT Threads



| Part Numbers                                                                      |                                                                                   | Thread<br>Type<br>& Size           | Dimensions in Inches (mm) |                      |        |                                    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------|---------------------------|----------------------|--------|------------------------------------|
| - 40 °F to 212 °F (- 40 °C to 100 °C)                                             |                                                                                   |                                    | No. of<br>Holes           | Diameter<br>of Holes |        | Part<br>Numbers of<br>Inserts only |
|  |  |                                    |                           | mm                   | Inches |                                    |
| Dome                                                                              | Flex **                                                                           | See page<br>49 for thread<br>specs |                           |                      |        |                                    |
| CD07AP-BR                                                                         | CF07AP-BR                                                                         | PG 7 /<br>1/4" NPT                 | Solid Insert              |                      |        | 1.089.0799.19                      |
| CD09N1-BR                                                                         | CF09N1-BR                                                                         | 3/8" NPT                           | 4                         | 1.4                  | .06    | 1.089.0900.19                      |
| CD09N2-BR                                                                         | CF09N2-BR                                                                         |                                    | 2                         | 3.0                  | .12    | 1.089.0901.19                      |
| CD09N3-BR                                                                         | CF09N3-BR                                                                         |                                    | 5                         | 1.6                  | .06    | 1.089.0902.19                      |
| CD09N4-BR                                                                         | CF09N4-BR                                                                         |                                    | 2                         | 1.7                  | .07    | 1.089.0903.19                      |
| CD09N5-BR                                                                         | CF09N5-BR                                                                         |                                    | 10                        | 1.4                  | .06    | 1.089.0904.19                      |
| CD09N6-BR                                                                         | CF09N6-BR                                                                         |                                    | 6                         | 1.4                  | .06    | 1.089.0905.19                      |
| CD09N7-BR                                                                         | CF09N7-BR                                                                         |                                    | 3                         | 1.7                  | .07    | 1.089.0906.19                      |
| CD09N8-BR                                                                         | CF09N8-BR                                                                         |                                    | 4                         | 1.7                  | .07    | 1.089.0907.19                      |
| CD09N9-BR                                                                         | CF09N9-BR                                                                         |                                    | 4                         | 2.3                  | .09    | 1.089.0908.19                      |
| CD09NP-BR                                                                         | CF09NP-BR                                                                         |                                    | Solid Insert              |                      |        | 1.089.0999.19                      |
| CD13N1-BR                                                                         | CF13N1-BR                                                                         | 1/2" NPT                           | 3                         | 2.0                  | .08    | 1.089.1300.19                      |
| CD13N2-BR                                                                         | CF13N2-BR                                                                         |                                    | 6                         | 3.0                  | .12    | 1.089.1301.19                      |
| CD13N3-BR                                                                         | CF13N3-BR                                                                         |                                    | 3                         | 4.0                  | .16    | 1.089.1302.19                      |
| CD13N4-BR                                                                         | CF13N4-BR                                                                         |                                    | 2                         | 5.0                  | .20    | 1.089.1303.19                      |
| CD13N5-BR                                                                         | CF13N5-BR                                                                         |                                    | 3                         | 3.0                  | .12    | 1.089.1304.19                      |
| CD13N6-BR                                                                         | CF13N6-BR                                                                         |                                    | 2                         | 5.2                  | .20    | 1.089.1305.19                      |
| CD13N7-BR                                                                         | CF13N7-BR                                                                         |                                    | 2                         | 3.8                  | .15    | 1.089.1306.19                      |
| CD13N8-BR                                                                         | CF13N8-BR                                                                         |                                    | 2                         | 4.2                  | .17    | 1.089.1307.19                      |
| CD13N9-BR                                                                         | CF13N9-BR                                                                         |                                    | 2                         | 2.5                  | .10    | 1.089.1308.19                      |
| CD13NP-BR                                                                         | CF13NP-BR                                                                         |                                    | Solid Insert              |                      |        | 1.089.1399.19                      |
| CD16N1-BR                                                                         | CF16N1-BR                                                                         | 1/2" NPT<br>(Enlarged)             | 3                         | 3.0                  | .12    | 1.089.1600.19                      |
| CD16N2-BR                                                                         | CF16N2-BR                                                                         |                                    | 3                         | 4.0                  | .16    | 1.089.1601.19                      |
| CD16N3-BR                                                                         | CF16N3-BR                                                                         |                                    | 4                         | 4.0                  | .16    | 1.089.1602.19                      |
| CD16N4-BR                                                                         | CF16N4-BR                                                                         |                                    | 5                         | 4.0                  | .16    | 1.089.1603.19                      |
| CD16N5-BR                                                                         | CF16N5-BR                                                                         |                                    | 6                         | 4.0                  | .16    | 1.089.1604.19                      |
| CD16N6-BR                                                                         | CF16N6-BR                                                                         |                                    | 2                         | 6.0                  | .24    | 1.089.1605.19                      |
| CD16N7-BR                                                                         | CF16N7-BR                                                                         |                                    | 3                         | 5.6                  | .22    | 1.089.1606.19                      |
| CD16N8-BR                                                                         | CF16N8-BR                                                                         |                                    | 6                         | 3.0                  | .12    | 1.089.1607.19                      |
| CD16N9-BR                                                                         | CF16N9-BR                                                                         |                                    | *4                        | 3.0                  | .12    | *1.089.1610.19                     |
| CD16N0-BR                                                                         | CF16N0-BR                                                                         |                                    | 6                         | 3.8                  | .15    | 1.089.1609.19                      |
| CD16NP-BR                                                                         | CF16NP-BR                                                                         |                                    | Solid Insert              |                      |        | 1.089.1699.19                      |

\*Note: This Insert has slotted holes.

\*\*Note: Flex Fittings are not a standard item, assembly required.

\*Note: CSA and CE Approval only applies to Dome Fittings.

## Custom Solutions!

Any special insert hole or profile configuration is available for a one-time set-up fee & a minimum order of 1,000 pieces. For small quantities we suggest drilling or machining a solid insert yourself, following these guidelines:

- We suggest drilling the frozen solid Insert.
- Drill holes by using a standard high-speed steel drill bit of the proper size at approx. 2500 RPM.
- Drill holes with insert installed in Strain Relief Fitting as a fixture.
- Keep a distance of min. 1 mm (.04 in) between holes.
- The outside holes can be located right against the lip of the strain relief body, as sufficient insert material remains between the hole and the body wall due to the design of the cord grip.

## Important:

Design Parameters: Cable diameter should not be less than 80% of hole diameter and the difference between hole and cable diameter should never exceed .04" (1 mm). Always select the Insert that provides the snugest fit between cable outer diameter and hole inner diameter. The Multi Cable fittings will meet NEMA 4x = IP65 if the design parameters are complied with.

To verify a submersible NEMA 6= IP68 application, the final assembly of cables and fittings must be tested by the customer or submitted at the customer's expense to an independent test lab.

For Material Specifications and Approval Information, please refer to page 45.

| Part Numbers                                                                      |                                                                                    | Thread<br>Type<br>& Size                           | Dimensions in Inches (mm) |                      |         |                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------|----------------------|---------|------------------------------------|
| - 40 °F to 212 °F (- 40 °C to 100 °C)                                             |                                                                                    |                                                    | No. of<br>Holes           | Diameter<br>of Holes |         | Part<br>Numbers of<br>Inserts only |
|  |  |                                                    |                           | mm                   | Inches  |                                    |
| CD21N1-BR                                                                         | CF21N1-BR                                                                          | 3/4" NPT<br><br>See page<br>49 for thread<br>specs | 4                         | 6.0                  | .24     | 1.089.2100.19                      |
| CD21N2-BR                                                                         | CF21N2-BR                                                                          |                                                    | 3                         | 7.0                  | .28     | 1.089.2101.19                      |
| CD21N3-BR                                                                         | CF21N3-BR                                                                          |                                                    | 2                         | 8.0                  | .31     | 1.089.2102.19                      |
| CD21N4-BR                                                                         | CF21N4-BR                                                                          |                                                    | 4                         | 5.0                  | .20     | 1.089.2103.19                      |
| CD21N5-BR                                                                         | CF21N5-BR                                                                          |                                                    | 1                         | 8.0                  | .31     | 1.089.2104.19                      |
| CD21N6-BR                                                                         | CF21N6-BR                                                                          |                                                    | 4                         | 5.2                  | .20     | 1.089.2105.19                      |
| CD21N7-BR                                                                         | CF21N7-BR                                                                          |                                                    | 3                         | 5.2                  | .20     | 1.089.2106.19                      |
| CD21N8-BR                                                                         | CF21N8-BR                                                                          |                                                    | 4/1                       | 5.2 /<br>3.7         | .20/.15 | 1.089.2107.19                      |
| CD21N9-BR                                                                         | CF21N9-BR                                                                          |                                                    | 2                         | 7.4                  | .29     | 1.089.2108.19                      |
| CD21NP-BR                                                                         | CF21NP-BR                                                                          |                                                    | Solid Insert              |                      |         | 1.089.2199.19                      |
| CD29N1-BR                                                                         | -                                                                                  | 1" NPT                                             | 6                         | 6.5                  | .26     | 1.089.2900.19                      |
| CD29N2-BR                                                                         | -                                                                                  |                                                    | 4                         | 9.0                  | .35     | 1.089.2901.19                      |
| CD29N3-BR                                                                         | -                                                                                  |                                                    | 4                         | 9.5                  | .37     | 1.089.2902.19                      |
| CD29N9-BR                                                                         | -                                                                                  |                                                    | 2                         | 11                   | .43     | 1.089.2908.19                      |
| CD29NP-BR                                                                         | -                                                                                  |                                                    | Solid Insert              |                      |         | 1.089.2999.19                      |

For Strain Relief Fitting specifications and dimensions see Page 14.



Optional Locking Nuts & Other Accessories starting on Page 28 - 39.

Dome Fittings also available with the following approvals:



www.sealconex.com