

# Nickel Plated Brass Liquid Tight Strain Relief Fittings

## Multi-Hole - NPT Threads



Part Numbers		Thread Type & Size	Dimensions in Inches (mm)			
- 40 °F to 212 °F (- 40 °C to 100 °C)			No. of Holes	Diameter of Holes		Part Numbers of Inserts only
Dome	Flex **	mm		Inches		
CD07AP-BR	CF07AP-BR	PG 7 / 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 (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 Type & Size	Dimensions in Inches (mm)			
- 40 °F to 212 °F (- 40 °C to 100 °C)			No. of Holes	Diameter of Holes		Part Numbers of Inserts only
Dome	Flex **	mm		Inches		
CD21N1-BR	CF21N1-BR	3/4" NPT	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 / 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:



Nylon Strain Relief | Nickel Plated Brass | PVD / Steel | Accessories | Adapter, Reducer, Enlarger | Conduit System | Technical Information | Other Products / Index