

Nylon Liquid Tight Strain Relief Fittings Features & Benefits

RoHS Deca BDE

Features & Benefits:

- Liquid Tight - submersible to 300 ft. - NEMA 4x & 6 (IP 68 / IP 69K)
- Highest pressure rating - Patented form seal meets 150 PSIG (10 bar)
- Flame protected - V0 rated according to UL 94
- Halogen- and Phosphorous free materials
- Safety - Ratchet to prevent Dome from coming loose under vibration
- Large selection - Cable Range from .08" (2 mm) to 1.38" (35 mm)
- Non-Corrosive - Resistant to salt water, weak acids, weak alkalis, alcohol, esters, ketones, ether, gasoline, mineral, animal & vegetable oil.
- Durable - Rugged Construction
- Environmentally compliant - RoHS & Deca BDE

UL/UR E103997
CSA 074032
VDE 71339
CAGE ZERO UE114
PATENT 4145075

Your One Stop Solution For All Cable & Wire Accessories!

Unique Product



Pull-out Resistance & Cable Protection

Overlapping clamping splines apply a concentric force, thereby preventing the form seal from being pulled out of the fitting. This ensures pull-out protection without damage to the cable.

Submersible

The patented recess and high performance seal guarantees NEMA 4x & 6 (IP 68 / IP 69K) at 150 PSIG (10 bar).

Rugged Construction

The self locking ACME thread prevents the dome nut from being pulled out under extreme lateral force.

Liquid Tight

Molded groove for an optional O-Ring. The use of an O-Ring results in a liquid tight seal between fitting and housing.

Time Saving Installation

Simply push the cable through Strain Relief Fitting - Tighten Dome or Flex Nut - Done!
No disassembly of the Fitting required: Insert Cable - Tighten Nut - Finished!



Standard, Reduced and Multi-Hole Inserts
Modularity: increase and decrease cable opening by swapping out inserts to accommodate various cable sizes & configurations.



Flex Nut
Kinking and chafing of the cable is eliminated.



Elbow Fittings

For Space and time saving installations:
Open Elbow - Insert cable - Snap close - Tighten Nut - Finished!
Available with Dome or Flex Nut.



Nylon Liquid Tight Strain Relief Fittings

Standard - PG & NPT Threads

RoHS Deca BDE

Part Numbers				Cable Range	Thread Type & Size	Dimensions in Inches (mm) (See Page 5)				
Dome Fittings		Flex Fittings				A	B	C	D	F ₁ /F
Black	Gray	Black	Gray	Inches (mm)	Clearance Hole + .01" (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Thread Length	Wrench Flats	
					See page 49 for thread specs					
CD07AA-BK	CD07AA-GY	CF07AA-BK	CF07AA-GY	.12 - .26 (3 - 6.5)		PG 7 / 1/4" NPT	.49 (12.5)	.83 (21)	2.13 (54)	.31 (8) .59 (15)
CD07AR-BK	CD07AR-GY	CF07AR-BK	CF07AR-GY	.08 - .20 (2 - 5)	PG 9	.60 (15.2)	.87 (22)	2.48 (63)	.31 (8) .75 (19)	
CD09AA-BK	CD09AA-GY	CF09AA-BK	CF09AA-GY	.16 - .31 (4 - 8)						
CD09AR-BK	CD09AR-GY	CF09AR-BK	CF09AR-GY	.08 - .24 (2 - 6)	PG 11	.73 (18.5)	.98 (25)	3.07 (78)	.31 (8) .87 (22) / .75 (19)	
CD11AA-BK	CD11AA-GY	CF11AA-BK	CF11AA-GY	.20 - .39 (5 - 10)						
CD11AR-BK	CD11AR-GY	CF11AR-BK	CF11AR-GY	.12 - .28 (3 - 7)	PG 13	.80 (20.3)	1.06 (27)	3.54 (90)	.35 (9) .94 (24)	
CD13AA-BK	CD13AA-GY	CF13AA-BK	CF13AA-GY	.24 - .47 (6 - 12)						
CD13AR-BK	CD13AR-GY	CF13AR-BK	CF13AR-GY	.20 - .35 (5 - 9)	PG 16	.88 (22.3)	1.10 (28)	3.94 (100)	.39 (10) 1.06 (27)	
CD16AA-BK	CD16AA-GY	CF16AA-BK	CF16AA-GY	.39 - .55 (10 - 14)						
CD16AR-BK	CD16AR-GY	CF16AR-BK	CF16AR-GY	.28 - .47 (7 - 12)	PG 21	1.12 (28.4)	1.22 (31)	4.49 (114)	.43 (11) 1.30 (33)	
CD21AA-BK	CD21AA-GY	CF21AA-BK	CF21AA-GY	.51 - .71 (13 - 18)						
CD21AR-BK	CD21AR-GY	CF21AR-BK	CF21AR-GY	.35 - .63 (9 - 16)	PG 29	1.47 (37.3)	1.54 (39)	-	.43 (11) 1.65 (42)	
CD29AA-BK	CD29AA-GY	-	-	.71 - .98 (18 - 25)						
CD29AR-BK	CD29AR-GY	-	-	.51 - .79 (13 - 20)	PG 36	1.85 (47)	1.89 (48)	-	.51 (13) 2.09 (53)	
CD36AA-BK	CD36AA-GY	-	-	.87 - 1.26 (22 - 32)						
CD36AR-BK	CD36AR-GY	-	-	.79 - 1.02 (20 - 26)	PG 42	2.13 (54.1)	1.93 (49)	-	.51 (13) 2.36 (60)	
CD42AA-BK	CD42AA-GY	-	-	1.26 - 1.50 (32 - 38)						
CD42AR-BK	CD42AR-GY	-	-	.98 - 1.22 (25 - 31)	PG 48	2.34 (59.4)	1.93 (49)	-	.55 (14) 2.56 (65)	
CD48AA-BK	CD48AA-GY	-	-	1.46 - 1.73 (37 - 44)						
CD48AR-BK	CD48AR-GY	-	-	1.14 - 1.38 (29 - 35)						
CD09NA-BK	CD09NA-GY	CF09NA-BK	CF09NA-GY	.16 - .31 (4 - 8)	3/8" NPT	.68 (17.2)	.87 (22)	2.48 (63)	.59 (15) .87 (22) / .75 (19)	
CD09NR-BK	CD09NR-GY	CF09NR-BK	CF09NR-GY	.08 - .24 (2 - 6)						
CD13NA-BK	CD13NA-GY	CF13NA-BK	CF13NA-GY	.24 - .47 (6 - 12)	1/2" NPT	.83 (21.1)	1.06 (27)	3.54 (90)	.51 (13) .94 (24)	
CD13NR-BK	CD13NR-GY	CF13NR-BK	CF13NR-GY	.20 - .35 (5 - 9)						
CD16NA-BK	CD16NA-GY	CF16NA-BK	CF16NA-GY	.39 - .55 (10 - 14)	1/2" NPT	.83 (21.1)	1.10 (28)	3.94 (100)	.51 (13) 1.06 (27)	
CD16NR-BK	CD16NR-GY	CF16NR-BK	CF16NR-GY	.28 - .47 (7 - 12)						
CD21NA-BK	CD21NA-GY	CF21NA-BK	CF21NA-GY	.51 - .71 (13 - 18)	3/4" NPT	1.05 (26.7)	1.22 (31)	4.49 (114)	.55 (14) 1.30 (33)	
CD21NR-BK	CD21NR-GY	CF21NR-BK	CF21NR-GY	.35 - .63 (9 - 16)						
CD29NA-BK	CD29NA-GY	-	-	.71 - .98 (18 - 25)	1" NPT	1.35 (34.3)	1.54 (39)	-	.75 (19) 1.65 (42)	
CD29NR-BK	CD29NR-GY	-	-	.51 - .79 (13 - 20)						
CD29LA-BK	CD29LA-GY	-	-	.71 - .98 (18 - 25)	1-1/4" NPT	1.65 (41.9)	1.54 (39)	-	.63 (16) 1.81 (46) / 1.65 (42)	
CD29LR-BK	CD29LR-GY	-	-	.51 - .79 (13 - 20)						
CD36NA-BK	CD36NA-GY	-	-	.87 - 1.26 (22 - 32)	1-1/2" NPT	1.92 (48.7)	1.89 (48)	-	.79 (20) 2.09 (53)	
CD36NR-BK	CD36NR-GY	-	-	.79 - 1.02 (20 - 26)						

The straight PG 7 thread fits a 1/4" NPT female or 1/2"-20 UNF thread.

Dome Fittings also available with the following approvals:



Optional Locking Nuts, O-Rings & other Accessories starting at page 28.



For Material Specifications please refer to page 45.



Nylon Liquid Tight Strain Relief Fittings

Standard - Metric Threads

RoHS Deca BDE

Part Numbers				Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings		Flex Fittings				A	B	C	D	F ₁ /F ₂
Black	Gray	Black	Gray			Clearance Hole +.01" (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Thread Length	Wrench Flats
				Inches (mm)	M12 x 1.5	.47 (12)	.83 (21)	2.13 (54)	.31 (8)	.59 (15)
CD12MA-BK	CD12MA-GY	CF12MA-BK	CF12MA-GY	.12 - .26 (3 - 6.5)						
CD12MR-BK	CD12MR-GY	CF12MR-BK	CF12MR-GY	.08 - .20 (2 - 5)	M16 x 1.5	.63 (16)	.87 (22)	2.48 (63)	.31 (8)	.75 (19)
CD16MA-BK	CD16MA-GY	CF16MA-BK	CF16MA-GY	.16 - .31 (4 - 8)						
CD16MR-BK	CD16MR-GY	CF16MR-BK	CF16MR-GY	.08 - .24 (2 - 6)	M16 x 1.5	.63 (16)	.98 (25)	3.07 (78)	.31 (8)	.87 (22)
CD17MA-BK	CD17MA-GY	CF17MA-BK	CF17MA-GY	.20 - .39 (5 - 10)						
CD17MR-BK	CD17MR-GY	CF17MR-BK	CF17MR-GY	.12 - .28 (3 - 7)	M20 x 1.5	.79 (20)	1.06 (27)	3.54 (90)	.35 (9)	.94 (24)
CD20MA-BK	CD20MA-GY	CF20MA-BK	CF20MA-GY	.24 - .47 (6 - 12)						
CD20MR-BK	CD20MR-GY	CF20MR-BK	CF20MR-GY	.20 - .35 (5 - 9)	M20 x 1.5	.79 (20)	1.10 (28)	3.94 (100)	.35 (9)	1.06 (27)
CD22MA-BK	CD22MA-GY	CF22MA-BK	CF22MA-GY	.39 - .55 (10 - 14)						
CD22MR-BK	CD22MR-GY	CF22MR-BK	CF22MR-GY	.28 - .47 (7 - 12)	M25 x 1.5	.98 (25)	1.22 (31)	4.49 (114)	.43 (11)	1.30 (33)
CD25MA-BK	CD25MA-GY	CF25MA-BK	CF25MA-GY	.51 - .71 (13 - 18)						
CD25MR-BK	CD25MR-GY	CF25MR-BK	CF25MR-GY	.35 - .63 (9 - 16)	M32 x 1.5	1.26 (32)	1.54 (39)	-	.43 (11)	1.65 (42)
CD32MA-BK	CD32MA-GY	-	-	.71 - .98 (18 - 25)						
CD32MR-BK	CD32MR-GY	-	-	.51 - .79 (13 - 20)	M40 x 1.5	1.57 (40)	1.89 (48)	-	.51 (13)	2.09 (53)
CD40MA-BK	CD40MA-GY	-	-	.87 - 1.26 (22 - 32)						
CD40MR-BK	CD40MR-GY	-	-	.79 - 1.02 (20 - 26)	M50 x 1.5	1.97 (50)	1.93 (49)	-	.51 (13)	2.36 (60)
CD50MA-BK	CD50MA-GY	-	-	1.26 - 1.50 (32 - 38)						
CD50MR-BK	CD50MR-GY	-	-	.98 - 1.22 (25 - 31)	M63 x 1.5	2.48 (63)	1.93 (49)	-	.55 (14)	2.56 (65) / 2.68 (68)
CD63MA-BK	CD63MA-GY	-	-	1.46 - 1.73 (37 - 44)						
CD63MR-BK	CD63MR-GY	-	-	1.14 - 1.38 (29 - 35)						

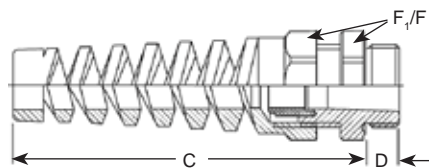
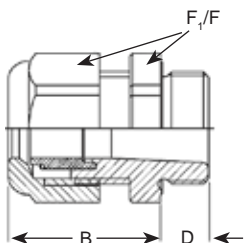


Optional Locking Nuts, O-Rings & other Accessories starting at page 28.

Also available with the following approvals:



Installs in either clearance or threaded holes.



Suggested Clearance Hole for Non-Threaded Mounting

For Material Specifications please refer to page 45.



Nylon Liquid Tight Strain Relief Fittings

Elongated - PG & Metric Threads

RoHS Deca BDE

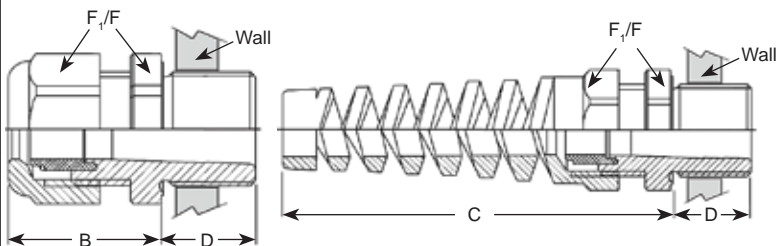
Part Numbers				Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings		Flex Fittings				A	B	C	D	F ₁ /F
Black	Gray	Black	Gray	Inches (mm)	Clearance Hole +.01" (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Thread Length	Wrench Flats	
CD07CA-BK	CD07CA-GY	CF07CA-BK	CF07CA-GY	.12 - .26 (3 - 6.5)	PG 7	.49 (12.5)	.83 (21)	2.13 (54)	.59 (15)	.59 (15)
CD07CR-BK	CD07CR-GY	CF07CR-BK	CF07CR-GY	.08 - .20 (2 - 5)						
CD09CA-BK	CD09CA-GY	CF09CA-BK	CF09CA-GY	.16 - .31 (4 - 8)	PG 9	.60 (15.2)	.87 (22)	2.48 (63)	.59 (15)	.75 (19)
CD09CR-BK	CD09CR-GY	CF09CR-BK	CF09CR-GY	.08 - .24 (2 - 6)						
CD11CA-BK	CD11CA-GY	CF11CA-BK	CF11CA-GY	.20 - .39 (5 - 10)	PG 11	.73 (18.5)	.98 (25)	3.07 (78)	.59 (15)	.87 (22)
CD11CR-BK	CD11CR-GY	CF11CR-BK	CF11CR-GY	.12 - .28 (3 - 7)						
CD13CA-BK	CD13CA-GY	CF13CA-BK	CF13CA-GY	.24 - .47 (6 - 12)	PG 13	.80 (20.3)	1.06 (27)	3.54 (90)	.59 (15)	.94 (24)
CD13CR-BK	CD13CR-GY	CF13CR-BK	CF13CR-GY	.20 - .35 (5 - 9)						
CD16CA-BK	CD16CA-GY	CF16CA-BK	CF16CA-GY	.39 - .55 (10 - 14)	PG 16	.88 (22.3)	1.10 (28)	3.94 (100)	.59 (15)	1.06 (27)
CD16CR-BK	CD16CR-GY	CF16CR-BK	CF16CR-GY	.28 - .47 (7 - 12)						
CD21CA-BK	CD21CA-GY	CF21CA-BK	CF21CA-GY	.51 - .71 (13 - 18)	PG 21	1.12 (28.4)	1.22 (31)	4.49 (114)	.59 (15)	1.30 (33)
CD21CR-BK	CD21CR-GY	CF21CR-BK	CF21CR-GY	.35 - .63 (9 - 16)						
CD29CA-BK	CD29CA-GY	-	-	.71 - .98 (18 - 25)	PG 29	1.47 (37.3)	1.54 (39)	-	.59 (15)	1.65 (42)
CD29CR-BK	CD29CR-GY	-	-	.51 - .79 (13 - 20)						
CD36CA-BK	CD36CA-GY	-	-	.87 - 1.26 (22 - 32)	PG 36	1.85 (47)	1.89 (48)	-	.71 (18)	2.09 (53)
CD36CR-BK	CD36CR-GY	-	-	.79 - 1.02 (20 - 26)						
CD42CA-BK	CD42CA-GY	-	-	1.26 - 1.50 (32 - 38)	PG 42	2.13 (54.1)	1.93 (49)	-	.71 (18)	2.36 (60)
CD42CR-BK	CD42CR-GY	-	-	.98 - 1.22 (25 - 31)						
CD48CA-BK	CD48CA-GY	-	-	1.46 - 1.73 (37 - 44)	PG 48	2.34 (59.4)	1.93 (49)	-	.71 (18)	2.56 (65)
CD48CR-BK	CD48CR-GY	-	-	1.14 - 1.38 (29 - 35)						

See page 49 for thread specs



Optional Locking Nuts, O-Rings & other Accessories starting at page 28.

Elongated is recommend where the Strain Relief has to pass through a thick wall or the application just needs the extra thread length.



Suggested Clearance Hole for Non-Threaded Mounting

Dome Fittings also available with the following approvals:



CD12DA-BK	CD12DA-GY	CF12DA-BK	CF12DA-GY	.12 - .26 (3 - 6.5)	M12 x 1.5	.47 (12)	.83 (21)	2.13 (54)	.59 (15)	.59 (15)
CD12DR-BK	CD12DR-GY	CF12DR-BK	CF12DR-GY	.08 - .20 (2 - 5)						
CD16DA-BK	CD16DA-GY	CF16DA-BK	CF16DA-GY	.16 - .31 (4 - 8)	M16 x 1.5	.63 (16)	.87 (22)	2.48 (63)	.59 (15)	.75 (19)
CD16DR-BK	CD16DR-GY	CF16DR-BK	CF16DR-GY	.08 - .24 (2 - 6)						
CD17DA-BK	CD17DA-GY	CF17DA-BK	CF17DA-GY	.20 - .39 (5 - 10)	M16 x 1.5	.63 (16)	.98 (25)	3.07 (78)	.59 (15)	.87 (22)
CD17DR-BK	CD17DR-GY	CF17DR-BK	CF17DR-GY	.12 - .28 (3 - 7)						
CD20DA-BK	CD20DA-GY	CF20DA-BK	CF20DA-GY	.24 - .47 (6 - 12)	M20 x 1.5	.79 (20)	1.06 (27)	3.54 (90)	.59 (15)	.94 (24)
CD20DR-BK	CD20DR-GY	CF20DR-BK	CF20DR-GY	.20 - .35 (5 - 9)						
CD22DA-BK	CD22DA-GY	CF22DA-BK	CF22DA-GY	.39 - .55 (10 - 14)	M20 x 1.5	.79 (20)	1.10 (28)	3.94 (100)	.59 (15)	1.06 (27)
CD22DR-BK	CD22DR-GY	CF22DR-BK	CF22DR-GY	.28 - .47 (7 - 12)						
CD25DA-BK	CD25DA-GY	CF25DA-BK	CF25DA-GY	.51 - .71 (13 - 18)	M25 x 1.5	.98 (25)	1.22 (31)	4.49 (114)	.59 (15)	1.30 (33)
CD25DR-BK	CD25DR-GY	CF25DR-BK	CF25DR-GY	.35 - .63 (9 - 16)						
CD32DA-BK	CD32DA-GY	-	-	.71 - .98 (18 - 25)	M32 x 1.5	1.26 (32)	1.54 (39)	-	.59 (15)	1.65 (42)
CD32DR-BK	CD32DR-GY	-	-	.51 - .79 (13 - 20)						
CD40DA-BK	CD40DA-GY	-	-	.87 - 1.26 (22 - 32)	M40 x 1.5	1.57 (40)	1.89 (48)	-	.71 (18)	2.09 (53)
CD40DR-BK	CD40DR-GY	-	-	.79 - 1.02 (20 - 26)						
CD50DA-BK	CD50DA-GY	-	-	1.26 - 1.50 (32 - 38)	M50 x 1.5	1.97 (50)	1.93 (49)	-	.71 (18)	2.36 (60)
CD50DR-BK	CD50DR-GY	-	-	.98 - 1.22 (25 - 31)						
CD63DA-BK	CD63DA-GY	-	-	1.46 - 1.73 (37 - 44)	M63 x 1.5	2.48 (63)	1.93 (49)	-	.71 (18)	2.56 (65) / 2.68 (68)
CD63DR-BK	CD63DR-GY	-	-	1.14 - 1.38 (29 - 35)						

For Material Specifications please refer to page 45.

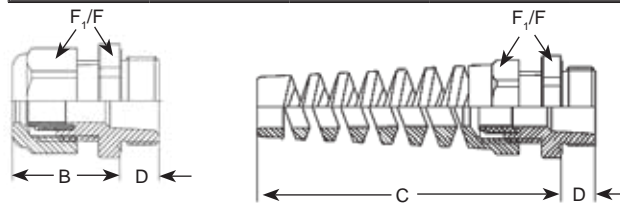


Nylon Liquid Tight Strain Relief Fittings Reduced Body - PG Threads

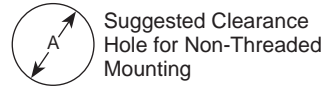
RoHS Deca BDE

Strain Relief with Reduced Body

Part Numbers				Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings		Flex Fittings				A	B	C	D	F ₁ /F
Black	Gray	Black	Gray	Inches (mm)	Clearance Hole + .01" (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Thread Length	Wrench Flats	
				.11 - .26 (3-6.5)	PG 9	.60 (15.2)	.83 (21)	2.13 (54)	.31 (8)	.59 (15) / .75 (19)
CD09BA-BK	CD09BA-GY	CF09BA-BK	CF09BA-GY	.08 - .20 (2-5)		PG 11	.73 (18.5)	.87 (22)	2.48 (63)	.31 (8)
CD11BA-BK	CD11BA-GY	CF11BA-BK	CF11BA-GY	.16 - .31 (4-8)	PG 13		.80 (20.3)	.98 (25)	3.07 (78)	.35 (9)
CD11BR-BK	CD11BR-GY	CF11BR-BK	CF11BR-GY	.08 - .24 (2-6)		PG 16	.88 (22.3)	1.06 (27)	3.54 (90)	.39 (10)
CD13BA-BK	CD13BA-GY	CF13BA-BK	CF13BA-GY	.20 - .39 (5-10)	PG 21		1.12 (28.4)	1.10 (28)	3.94 (100)	.43 (11)
CD13BR-BK	CD13BR-GY	CF13BR-BK	CF13BR-GY	.11 - .28 (3-7)						
CD16BA-BK	CD16BA-GY	CF16BA-BK	CF16BA-GY	.24 - .47 (6-12)						
CD16BR-BK	CD16BR-GY	CF16BR-BK	CF16BR-GY	.20 - .35 (5-9)						
CD21BA-BK	CD21BA-GY	CF21BA-BK	CF21BA-GY	.39 - .55 (10-14)						
CD21BR-BK	CD21BR-GY	CF21BR-BK	CF21BR-GY	.27 - .47 (7-12)						



If your cable diameter decreases, but your thread remains the same.



Nylon Liquid Tight Strain Relief Fittings Enlarged Body - PG Threads

RoHS Deca BDE

Strain Relief with Enlarged Body

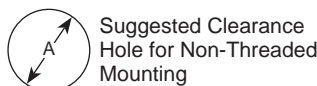
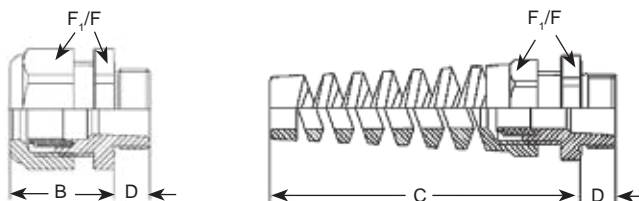
Part Numbers				Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings		Flex Fittings				A	B	C	D	F ₁ /F
Black	Gray	Black	Gray	Inches (mm)	Clearance Hole + .01" (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Thread Length	Wrench Flats	
				.16 - .31 (4-8)	PG 7 / 1/4" NPT	.49 (12.5)	.87 (22)	2.48 (63)	.31 (8)	.75 (19)
CD07GA-BK	CD07GA-GY	CF07GA-BK	CF07GA-GY	.08 - .24 (2-6)		PG 9	.60 (15.2)	.98 (25)	3.07 (78)	.31 (8)
CD09GA-BK	CD09GA-GY	CF09GA-BK	CF09GA-GY	.20 - .39 (5-10)	PG 11		.73 (18.5)	1.06 (27)	3.54 (90)	.31 (8)
CD09GR-BK	CD09GR-GY	CF09GR-BK	CF09GR-GY	.11 - .27 (3-7)		PG 13	.80 (20.3)	1.10 (28)	3.94 (100)	.35 (9)
CD11GA-BK	CD11GA-GY	CF11GA-BK	CF11GA-GY	.24 - .47 (6-12)	PG 16		.88 (22.3)	1.22 (31)	4.49 (114)	.39 (10)
CD11GR-BK	CD11GR-GY	CF11GR-BK	CF11GR-GY	.20 - .35 (5-9)						
CD13GA-BK	CD13GA-GY	CF13GA-BK	CF13GA-GY	.39 - .55 (10-14)						
CD13GR-BK	CD13GR-GY	CF13GR-BK	CF13GR-GY	.27 - .47 (7-12)						
CD16GA-BK	CD16GA-GY	CF16GA-BK	CF16GA-GY	.51 - .71 (13-18)						
CD16GR-BK	CD16GR-GY	CF16GR-BK	CF16GR-GY	.35 - .63 (9-16)						

Dome Fittings also available with the following approvals:



If your cable diameter increases, but your thread remains the same.

Optional Locking Nuts, O-Rings & other Accessories starting at page 28.



For Material Specifications please refer to page 45.

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



Nylon Liquid Tight Strain Relief Fittings

90° Snap Elbow - PG/NPT/Metric Threads

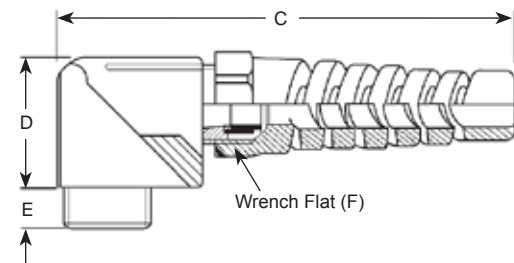
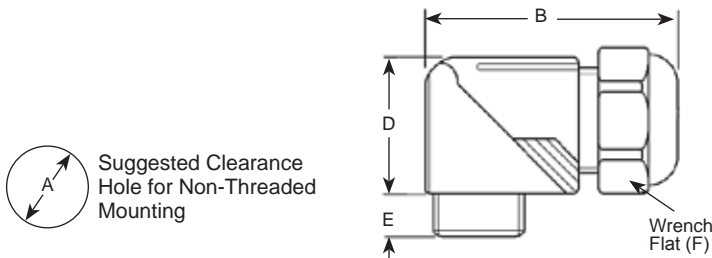
RoHS Deca BDE

Part Numbers				Cable Range	Thread Type & Size	Dimensions in Inches (mm)					
Dome Fittings		Flex Fittings				A	B	C	D	E	F
Black	Gray	Black	Gray	Inches (mm)	Clearance Hole + .01* (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Height	Thread Length	Wrench Flats	
ED09AA-BK	ED09AA-GY	EF09AA-BK	EF09AA-GY	.16 - .31 (4-8)	PG 9	.60 (15.2)	1.77 (45)	3.35 (85)	.91 (23)	.31 (8)	.75 (19)
ED09AR-BK	ED09AR-GY	EF09AR-BK	EF09AR-GY	.08 - .24 (2-6)							
ED11AA-BK	ED11AA-GY	EF11AA-BK	EF11AA-GY	.20 - .39 (5-10)	PG 11	.73 (18.5)	1.97 (50)	4.05 (103)	1.06 (27)	.31 (8)	.87 (22)
ED11AR-BK	ED11AR-GY	EF11AR-BK	EF11AR-GY	.11 - .28 (3-7)							
ED13AA-BK	ED13AA-GY	EF13AA-BK	EF13AA-GY	.24 - .47 (6-12)	PG 13	.80 (20.3)	2.24 (57)	4.69 (119)	1.20 (30.5)	.35 (9)	.94 (24)
ED13AR-BK	ED13AR-GY	EF13AR-BK	EF13AR-GY	.20 - .35 (5-9)							
ED16AA-BK	ED16AA-GY	EF16AA-BK	EF16AA-GY	.39 - .55 (10-14)	PG 16	.88 (22.3)	2.32 (59)	5.12 (130)	1.28 (32)	.39 (10)	1.06 (27)
ED16AR-BK	ED16AR-GY	EF16AR-BK	EF16AR-GY	.27 - .47 (7-12)							
ED21AA-BK	ED21AA-GY	EF21AA-BK	EF21AA-GY	.51 - .71 (13-18)	PG21	1.12 (28.4)	2.87 (73)	6.14 (156)	1.57 (40)	.43 (11)	1.30 (33)
ED21AR-BK	ED21AR-GY	EF21AR-BK	EF21AR-GY	.35 - .63 (9-16)							
ED29AA-BK	ED29AA-GY	-	-	.71 - .98 (18-25)	PG 29	1.47 (37.3)	3.58 (91)	-	2.03 (51.5)	.43 (11)	1.65 (42)
ED29AR-BK	ED29AR-GY	-	-	.51 - .79 (13-20)							
ED09NA-BK	ED09NA-GY	EF09NA-BK	EF09NA-GY	.16 - .31 (4-8)	3/8" NPT	.68 (17.2)	1.77 (45)	3.35 (85)	.91 (23)	.59 (15)	.75 (19)
ED09NR-BK	ED09NR-GY	EF09NR-BK	EF09NR-GY	.08 - .24 (2-6)							
ED13NA-BK	ED13NA-GY	EF13NA-BK	EF13NA-GY	.24 - .47 (6-12)	1/2" NPT	.83 (21.1)	2.24 (57)	4.69 (119)	1.20 (30.5)	.51 (13)	.94 (24)
ED13NR-BK	ED13NR-GY	EF13NR-BK	EF13NR-GY	.20 - .35 (5-9)							
ED16NA-BK	ED16NA-GY	EF16NA-BK	EF16NA-GY	.39 - .55 (10-14)	1/2" NPT	.83 (21.1)	2.32 (59)	5.12 (130)	1.24 (31.5)	.51 (13)	1.06 (27)
ED16NR-BK	ED16NR-GY	EF16NR-BK	EF16NR-GY	.27 - .47 (7-12)							
ED21NA-BK	ED21NA-GY	EF21NA-BK	EF21NA-GY	.51 - .71 (13-18)	3/4" NPT	1.05 (26.7)	2.87 (73)	6.14 (156)	1.57 (40)	.51 (13)	1.30 (33)
ED21NR-BK	ED21NR-GY	EF21NR-BK	EF21NR-GY	.35 - .63 (9-16)							
ED29NA-BK	ED29NA-GY	-	-	.71 - .98 (18-25)	1" NPT	1.35 (34.3)	3.58 (91)	-	1.97 (50)	.75 (19)	1.65 (42)
ED29NR-BK	ED29NR-GY	-	-	.51 - .79 (13-20)							
ED16MA-BK	ED16MA-GY	EF16MA-BK	EF16MA-GY	.16 - .31 (4-8)	M16 x 1.5	.63 (16)	1.77 (45)	3.35 (85)	.91 (23)	.31 (8)	.75 (19)
ED16MR-BK	ED16MR-GY	EF16MR-BK	EF16MR-GY	.08 - .24 (2-6)							
ED20MA-BK	ED20MA-GY	EF20MA-BK	EF20MA-GY	.24 - .47 (6-12)	M20 x 1.5	.79 (20)	2.24 (57)	4.68 (119)	1.20 (30.5)	.35 (9)	.94 (24)
ED20MR-BK	ED20MR-GY	EF20MR-BK	EF20MR-GY	.20 - .35 (5-9)							
ED25MA-BK	ED25MA-GY	EF25MA-BK	EF25MA-GY	.51 - .71 (13-18)	M25 x 1.5	.98 (25)	2.87 (73)	6.14 (156)	1.57 (40)	.43 (11)	1.30 (33)
ED25MR-BK	ED25MR-GY	EF25MR-BK	EF25MR-GY	.35 - .63 (9-16)							
ED32MA-BK	ED32MA-GY	-	-	.71 - .98 (18-25)	M32 x 1.5	1.26 (32)	3.58 (91)	-	2.03 (51.5)	.43 (11)	1.65 (42)
ED32MR-BK	ED32MR-GY	-	-	.51 - .79 (13-20)							

Liquid Tight Elbow Strain Relief Fitting for space and time saving applications.



Optional Locking Nuts, O-Rings & Other Accessories starting at page 28.



For Material Specifications please refer to page 45.




Nylon Liquid Tight Strain Relief Fittings

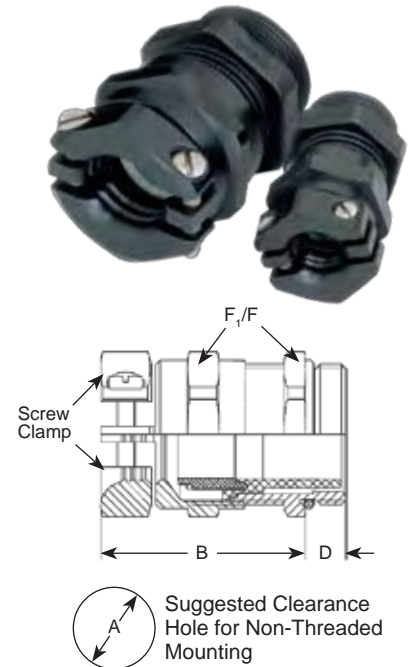
Clamp High Performance - PG & Metric Threads

RoHS Deca BDE

High Performance Fittings with Clamp

Part Numbers	Cable Range	Thread Type & Size	Dimensions in Inches (mm)			
			A	B	D	F ₁ /F
Clamp Fittings			Clearance Hole	Body Length	Thread Length	Wrench Flats
	Inches (mm)	See page 49 for thread specs	+ .01* (+.25 mm)			
CD09AA-CP	.16 - .31 (4 - 8)	PG 9	.60 (15.2)	1.14 (29)	.59 (15)	.75 (19)
CD11AA-CP	.24 - .39 (6 - 10)	PG 11	.73 (18.5)	1.28 (32.5)	.59 (15)	.87 (22)
CD13AA-CP	.24 - .47 (6 - 12)	PG 13	.80 (20.3)	1.40 (35.5)	.59 (15)	.94 (24)
CD16AA-CP	.39 - .55 (10 - 14)	PG 16	.88 (22.3)	1.48 (37.5)	.39 (10)	1.06 (27)
CD21AA-CP	.51 - .71 (13 - 18)	PG 21	1.12 (28.4)	1.61 (41)	.43 (11)	1.30 (33)
CD29AA-CP	.71 - .98 (18 - 25)	PG 29	1.47 (37.3)	1.93 (49)	.43 (11)	1.65 (42)
CD36AA-CP	.87 - 1.26 (22 - 32)	PG 36	1.85 (47)	2.28 (58)	.51 (13)	2.09 (53)
CD42AA-CP	1.26 - 1.50 (32 - 38)	PG 42	2.13 (54.1)	2.42 (61.5)	.51 (13)	2.36 (60)
CD48AA-CP	1.46 - 1.73 (37 - 44)	PG 48	2.34 (59.4)	2.44 (62)	.55 (14)	2.56 (65)
CD16MA-CP	.16 - .31 (4 - 8)	M16 x 1.5	.63 (16)	1.14 (29)	.59 (15)	.75 (19)
CD20MA-CP	.24 - .47 (6 - 12)	M20 x 1.5	.79 (20)	1.40 (35.5)	.59 (15)	.94 (24)
CD25MA-CP	.51 - .71 (13 - 18)	M25 x 1.5	.98 (25)	1.61 (41)	.43 (11)	1.30 (33)
CD32MA-CP	.71 - .98 (18 - 25)	M32 x 1.5	1.26 (32)	1.93 (49)	.43 (11)	1.65 (42)
CD40MA-CP	.87 - 1.26 (22 - 32)	M40 x 1.5	1.57 (40)	2.28 (58)	.51 (13)	2.09 (53)
CD50MA-CP	1.26 - 1.50 (32 - 38)	M50 x 1.5	1.97 (50)	2.42 (61.5)	.51 (13)	2.36 (60)
CD63MA-CP	1.46 - 1.73 (37 - 44)	M63 x 1.5	2.48 (63)	2.44 (62)	.55 (14)	2.56 (65) / 2.68 (68)

Liquid Tight Strain Relief Fitting with Anodized Aluminum Clamp for extra Pull-out Resistance



Nylon Liquid Tight Strain Relief Fittings

ROMEX® - PG/NPT/Metric Threads

RoHS Deca BDE

Strain Relief Fittings with Inserts for Flat Cables.



They are made of Nylon with Buna-N form seal and are resistant to salt water, weak acids, weak alkalis, alcohol, ether, esters, ketones, mineral, animal and vegetable oils.

Non-corrosive and suitable for direct burial installation.

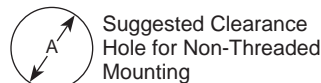
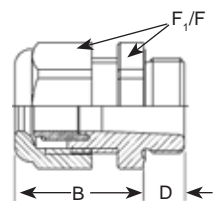
These form seals fit Strain Relief Fittings made of other materials. (Nickel Plated Brass, Stainless Steel, etc.)

Also available with the following approvals:



Part Numbers		Thread Type & Size	Slot Size	Dimensions in Inches (mm)								
Black	Gray			A	B	D	F ₁ /F					
		See page 49 for thread specs		Clearance Hole + .01* (+.25 mm)	Body Length	Thread Length	Wrench Flats					
CD16AS-01	CD16AS-02							.24 x .55 (6 x 14)	.88 (22.3)	1.10 (28)	.39 (10)	1.06 (27)
CD16AS-03	CD16AS-04							.20 x .45 (5 x 11.5)				
CD16AS-05	CD16AS-06	.28 x .47 (7 x 12)										
CD21AS-01	CD21AS-02	PG 21			1.12 (28.4)	1.22 (31)	.43 (11)	1.30 (33)				
CD21AS-03	CD21AS-04								.24 x .55 (6 x 14)	.28 x .55 (7 x 14)		
CD16NS-01	CD16NS-02	1/2" NPT			.83 (21.1)	1.10 (28)	.51 (13)	1.06 (27)				
CD16NS-03	CD16NS-04								.24 x .55 (6 x 14)	.20 x .45 (5 x 11.5)		
CD16NS-05	CD16NS-06								.28 x .47 (7 x 12)	.28 x .47 (7 x 12)		
CD21NS-01	CD21NS-02	3/4" NPT			1.05 (26.7)	1.22 (31)	.55 (14)	1.30 (33)				
CD21NS-03	CD21NS-04								.24 x .55 (6 x 14)	.28 x .55 (7 x 14)		
CD20MS-01	CD20MS-02	M20 x 1.5			.79 (20)	1.10 (28)	.35 (9)	1.06 (27)				
CD20MS-03	CD20MS-04								.24 x .55 (6 x 14)	.20 x .45 (5 x 11.5)		
CD20MS-05	CD20MS-06								.28 x .47 (7 x 12)	.28 x .47 (7 x 12)		
CD25MS-01	CD25MS-02	M25 x 1.5			.98 (25)	1.22 (31)	.43 (11)	1.30 (33)				
CD25MS-03	CD25MS-04								.24 x .55 (6 x 14)	.28 x .55 (7 x 14)		

ROMEX® is a federally registered trademark of Southwire Company.



For Material Specifications please refer to page 45.

Nylon Liquid Tight Strain Relief Fittings

Multi-Hole - PG Threads



RoHS Deca BDE

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)			
Black	Gray		No. of Holes	Diameter of Holes		Part Numbers of Inserts only
See page 49 for thread specs		mm		Inches		
CD07AP-BK	CD07AP-GY	PG 7 / 1/4" NPT	Solid Insert		1.089.0799.19	
CD09A1-BK	CD09A1-GY	PG 9	4	1.4	.06	1.089.0900.19
CD09A2-BK	CD09A2-GY		2	3.0	.12	1.089.0901.19
CD09A3-BK	CD09A3-GY		5	1.6	.06	1.089.0902.19
CD09A4-BK	CD09A4-GY		2	1.7	.07	1.089.0903.19
CD09A5-BK	CD09A5-GY		10	1.4	.06	1.089.0904.19
CD09A6-BK	CD09A6-GY		6	1.4	.06	1.089.0905.19
CD09A7-BK	CD09A7-GY		3	1.7	.07	1.089.0906.19
CD09A8-BK	CD09A8-GY		4	1.7	.07	1.089.0907.19
CD09A9-BK	CD09A9-GY		4	2.3	.09	1.089.0908.19
CD09AP-BK	CD09AP-GY		Solid Insert		1.089.0999.19	
CD11A1-BK	CD11A1-GY	PG 11	2	3.0	.12	1.089.1100.19
CD11A2-BK	CD11A2-GY		3	3.0	.12	1.089.1101.19
CD11A3-BK	CD11A3-GY		2	4.0	.16	1.089.1102.19
CD11A4-BK	CD11A4-GY		3	1.5	.06	1.089.1103.19
CD11A5-BK	CD11A5-GY		4	2.8	.11	1.089.1104.19
CD11AP-BK	CD11AP-GY		Solid Insert		1.089.1199.19	
CD13A1-BK	CD13A1-GY	PG 13	3	2.0	.08	1.089.1300.19
CD13A2-BK	CD13A2-GY		6	3.0	.12	1.089.1301.19
CD13A3-BK	CD13A3-GY		3	4.0	.16	1.089.1302.19
CD13A4-BK	CD13A4-GY		2	5.0	.20	1.089.1303.19
CD13A5-BK	CD13A5-GY		3	3.0	.12	1.089.1304.19
CD13A6-BK	CD13A6-GY		2	5.2	.20	1.089.1305.19
CD13A7-BK	CD13A7-GY		2	3.8	.15	1.089.1306.19
CD13A8-BK	CD13A8-GY		2	4.2	.17	1.089.1307.19
CD13A9-BK	CD13A9-GY		2	2.5	.10	1.089.1308.19
CD13AP-BK	CD13AP-GY		Solid Insert		1.089.1399.19	
CD16A1-BK	CD16A1-GY	PG 16	3	3.0	.12	1.089.1600.19
CD16A2-BK	CD16A2-GY		3	4.0	.16	1.089.1601.19
CD16A3-BK	CD16A3-GY		4	4.0	.16	1.089.1602.19
CD16A4-BK	CD16A4-GY		5	4.0	.16	1.089.1603.19
CD16A5-BK	CD16A5-GY		6	4.0	.16	1.089.1604.19
CD16A6-BK	CD16A6-GY		2	6.0	.24	1.089.1605.19
CD16A7-BK	CD16A7-GY		3	5.6	.22	1.089.1606.19
CD16A8-BK	CD16A8-GY		6	3.0	.12	1.089.1607.19
CD16A9-BK	CD16A9-GY		4	3.0	.12	1.089.1610.19*
CD16A0-BK	CD16A0-GY		6	3.8	.15	1.089.1609.19
CD16AP-BK	CD16AP-GY	Solid Insert		1.089.1699.19		

*Note: This Insert has slotted holes.

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)			
Black	Gray		No. of Holes	Diameter of Holes		Part Numbers of Inserts only
See page 49 for thread specs		mm		Inches		
CD21A1-BK	CD21A1-GY	PG 21	4	6.0	.24	1.089.2100.19
CD21A2-BK	CD21A2-GY		3	7.0	.28	1.089.2101.19
CD21A3-BK	CD21A3-GY		2	8.0	.31	1.089.2102.19
CD21A4-BK	CD21A4-GY		4	5.0	.20	1.089.2103.19
CD21A5-BK	CD21A5-GY		1	8.0	.31	1.089.2104.19
CD21A6-BK	CD21A6-GY		4	5.2	.20	1.089.2105.19
CD21A7-BK	CD21A7-GY		3	5.2	.20	1.089.2106.19
CD21A8-BK	CD21A8-GY		4/1	5.2/3.7	.20/.15	1.089.2107.19
CD21A9-BK	CD21A9-GY		2	7.4	.29	1.089.2108.19
CD21AP-BK	CD21AP-GY		Solid Insert		1.089.2199.19	
CD29A1-BK	CD29A1-GY	PG 29	6	6.5	.26	1.089.2900.19
CD29A2-BK	CD29A2-GY		4	9.0	.35	1.089.2901.19
CD29A3-BK	CD29A3-GY		4	9.5	.37	1.089.2902.19
CD29AP-BK	CD29AP-GY		Solid Insert		1.089.2999.19	
CD36A1-BK	CD36A1-GY	PG 36	5	9.0	.35	1.089.3600.19
CD36A2-BK	CD36A2-GY		7	9.0	.35	1.089.3601.19
CD36A3-BK	CD36A3-GY		6	8.0	.31	1.089.3602.19
CD36A4-BK	CD36A4-GY		2	15.0	.59	1.089.3603.19
CD36AP-BK	CD36AP-GY		Solid Insert		1.089.3699.19	
CD42A1-BK	CD42A1-GY	PG 42	3	14.0	.55	1.089.4203.19
CD42AP-BK	CD42AP-GY		Solid Insert		1.089.4299.19	
CD48A1-BK	CD48A1-GY	PG 48	8	10.0	.39	1.089.4800.19
CD48A2-BK	CD48A2-GY		6	12.0	.47	1.089.4801.19
CD48A3-BK	CD48A3-GY		3	18.0	.71	1.089.4802.19
CD48AP-BK	CD48AP-GY		Solid Insert		1.089.4899.19	

Fittings with Multi-Hole Inserts are also available with Flex Nut.

- To order, substitute "CF" for "CD" (e.g. CD09A1-BK becomes CF09A1-BK)

Dome Fittings also available with the following approvals:



For specifications and dimensions see page 4 where the appropriate Fittings are listed.



Silicone



Viton®

Multi-Hole Inserts are available in Silicone and Viton® upon request. Viton® is a federally registered trademark of DuPont Dow Elastomer.



Optional Locking Nuts, O-Rings & Other Accessories starting at page 28.

For Material Specifications please refer to page 45.





Nylon Liquid Tight Strain Relief Fittings Multi-Hole - NPT Threads

RoHS Deca BDE

Part Numbers		Thread Type & Size See page 49 for thread specs	Dimensions in Inches (mm)					
Black	Gray		No. of Holes	Diameter of Holes		Part Numbers of Inserts only		
				mm	Inches			
CD07AP-BK	CD07AP-GY	PG 7 / 1/4" NPT	Solid Insert		1.089.0799.19			
CD09N1-BK	CD09N1-GY		3/8" NPT	4	1.4	.06	1.089.0900.19	
CD09N2-BK	CD09N2-GY			2	3.0	.12	1.089.0901.19	
CD09N3-BK	CD09N3-GY			5	1.6	.06	1.089.0902.19	
CD09N4-BK	CD09N4-GY			2	1.7	.07	1.089.0903.19	
CD09N5-BK	CD09N5-GY			10	1.4	.06	1.089.0904.19	
CD09N6-BK	CD09N6-GY			6	1.4	.06	1.089.0905.19	
CD09N7-BK	CD09N7-GY			3	1.7	.07	1.089.0906.19	
CD09N8-BK	CD09N8-GY			4	1.7	.07	1.089.0907.19	
CD09N9-BK	CD09N9-GY			4	2.3	.09	1.089.0908.19	
CD09NP-BK	CD09NP-GY			Solid Insert		1.089.0999.19		
CD13N1-BK	CD13N1-GY			1/2" NPT	3	2.0	.08	1.089.1300.19
CD13N2-BK	CD13N2-GY				6	3.0	.12	1.089.1301.19
CD13N3-BK	CD13N3-GY	3			4.0	.16	1.089.1302.19	
CD13N4-BK	CD13N4-GY	2	5.0		.20	1.089.1303.19		
CD13N5-BK	CD13N5-GY	3	3.0		.12	1.089.1304.19		
CD13N6-BK	CD13N6-GY	2	5.2		.20	1.089.1305.19		
CD13N7-BK	CD13N7-GY	2	3.8		.15	1.089.1306.19		
CD13N8-BK	CD13N8-GY	2	4.2		.17	1.089.1307.19		
CD13N9-BK	CD13N9-GY	2	2.5		.10	1.089.1308.19		
CD13NP-BK	CD13NP-GY	Solid Insert			1.089.1399.19			
CD16N1-BK	CD16N1-GY	1/2" NPT (Enlarged)	3	3.0	.12	1.089.1600.19		
CD16N2-BK	CD16N2-GY		3	4.0	.16	1.089.1601.19		
CD16N3-BK	CD16N3-GY		4	4.0	.16	1.089.1602.19		
CD16N4-BK	CD16N4-GY		5	4.0	.16	1.089.1603.19		
CD16N5-BK	CD16N5-GY		6	4.0	.16	1.089.1604.19		
CD16N6-BK	CD16N6-GY		2	6.0	.24	1.089.1605.19		
CD16N7-BK	CD16N7-GY		3	5.6	.22	1.089.1606.19		
CD16N8-BK	CD16N8-GY		6	3.0	.12	1.089.1607.19		
CD16N9-BK	CD16N9-GY		4	3.0	.12	1.089.1610.19*		
CD16N0-BK	CD16N0-GY		6	3.8	.15	1.089.1609.19		
CD16NP-BK	CD16NP-GY	Solid Insert		1.089.1699.19				

*Note: This Insert has slotted holes.

Part Numbers		Thread Type & Size See page 49 for thread specs	Dimensions in Inches (mm)				
Black	Gray		No. of Holes	Diameter of Holes		Part Numbers of Inserts only	
				mm	Inches		
CD21N1-BK	CD21N1-GY	3/4" NPT	4	6.0	.24	1.089.2100.19	
CD21N2-BK	CD21N2-GY		3	7.0	.28	1.089.2101.19	
CD21N3-BK	CD21N3-GY		2	8.0	.31	1.089.2102.19	
CD21N4-BK	CD21N4-GY		4	5.0	.20	1.089.2103.19	
CD21N5-BK	CD21N5-GY		1	8.0	.31	1.089.2104.19	
CD21N6-BK	CD21N6-GY		4	5.2	.20	1.089.2105.19	
CD21N7-BK	CD21N7-GY		3	5.2	.20	1.089.2106.19	
CD21N8-BK	CD21N8-GY		4/1	5.2/3.7	.20/.15	1.089.2107.19	
CD21N9-BK	CD21N9-GY		2	7.4	.29	1.089.2108.19	
CD21NP-BK	CD21NP-GY		Solid Insert		1.089.2199.19		
CD29N1-BK	CD29N1-GY		1" NPT	6	6.5	.26	1.089.2900.19
CD29N2-BK	CD29N2-GY			4	9.0	.35	1.089.2901.19
CD29N3-BK	CD29N3-GY			4	9.5	.37	1.089.2902.19
CD29NP-BK	CD29NP-GY	Solid Insert		1.089.2999.19			
CD29L1-BK	CD29L1-GY	1-1/4" NPT	6	6.5	.26	1.089.2900.19	
CD29L2-BK	CD29L2-GY		4	9.0	.35	1.089.2901.19	
CD29L3-BK	CD29L3-GY		4	9.5	.37	1.089.2902.19	
CD29LP-BK	CD29LP-GY		Solid Insert		1.089.2999.19		
CD36N1-BK	CD36N1-GY	1-1/2" NPT	5	9.0	.35	1.089.3600.19	
CD36N2-BK	CD36N2-GY		7	9.0	.35	1.089.3601.19	
CD36N3-BK	CD36N3-GY		6	8.0	.31	1.089.3602.19	
CD36N4-BK	CD36N4-GY		2	15.0	.59	1.089.3603.19	
CD36NP-BK	CD36NP-GY		Solid Insert		1.089.3699.19		

For specifications and dimensions see page 4 where the appropriate Fittings are listed.



Multi-Hole Inserts are available in Silicone and Viton® on request. Viton® is a federally registered trademark of DuPont Dow Elastomer.

Fittings with Multi-Hole Inserts are also available with Flex Nut.

- To order, substitute "CF" for "CD" (e.g. CD09N1-BK becomes CF09N1-BK)

Custom Solutions!

Any special insert hole or profile configuration is available for a 1-time set-up fee & a minimum order of 1,000 pieces. For small quantities we suggest drilling or machining the inserts 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). 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 please refer to page 45.

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

Dome Fittings also available with the following approvals:





Nylon Liquid Tight Strain Relief Fittings



Multi-Hole - Metric Threads

RoHS Deca BDE



Part Numbers		Thread Type & Size	Dimensions in Inches (mm)			
Black	Gray		No. of Holes	Diameter of Holes		Part Numbers of Inserts only
				mm	Inches	
CD12MP-BK	CD12MP-GY	M12 x 1.5	Solid Insert		1.089.0799.19	
CD16M1-BK	CD16M1-GY	M16 x 1.5	4	1.4	.06	1.089.0900.19
CD16M2-BK	CD16M2-GY		2	3.0	.12	1.089.0901.19
CD16M3-BK	CD16M3-GY		5	1.6	.06	1.089.0902.19
CD16M4-BK	CD16M4-GY		2	1.7	.07	1.089.0903.19
CD16M5-BK	CD16M5-GY		10	1.4	.06	1.089.0904.19
CD16M6-BK	CD16M6-GY		6	1.4	.06	1.089.0905.19
CD16M7-BK	CD16M7-GY		3	1.7	.07	1.089.0906.19
CD16M8-BK	CD16M8-GY		4	1.7	.07	1.089.0907.19
CD16M9-BK	CD16M9-GY		4	2.3	.09	1.089.0908.19
CD16MP-BK	CD16MP-GY		Solid Insert		1.089.0999.19	
CD17M1-BK	CD17M1-GY		M16 x 1.5 (Enlarged)	2	3.0	.12
CD17M2-BK	CD17M2-GY	3		3.0	.12	1.089.1101.19
CD17M3-BK	CD17M3-GY	2		4.0	.16	1.089.1102.19
CD17M4-BK	CD17M4-GY	3		1.5	.06	1.089.1103.19
CD17M5-BK	CD17M5-GY	4		2.8	.11	1.089.1104.19
CD17MP-BK	CD17MP-GY	Solid Insert		1.089.1199.19		
CD20M1-BK	CD20M1-GY	M20 x 1.5	3	2.0	.08	1.089.1300.19
CD20M2-BK	CD20M2-GY		6	3.0	.12	1.089.1301.19
CD20M3-BK	CD20M3-GY		3	4.0	.16	1.089.1302.19
CD20M4-BK	CD20M4-GY		2	5.0	.20	1.089.1303.19
CD20M5-BK	CD20M5-GY		3	3.0	.12	1.089.1304.19
CD20M6-BK	CD20M6-GY		2	5.2	.20	1.089.1305.19
CD20M7-BK	CD20M7-GY		2	3.8	.15	1.089.1306.19
CD20M8-BK	CD20M8-GY		2	4.2	.17	1.089.1307.19
CD20M9-BK	CD20M9-GY		2	2.5	.10	1.089.1308.19
CD20MP-BK	CD20MP-GY		Solid Insert		1.089.1399.19	
CD22M1-BK	CD22M1-GY		M20 x 1.5 (Enlarged)	3	3.0	.12
CD22M2-BK	CD22M2-GY	3		4.0	.16	1.089.1601.19
CD22M3-BK	CD22M3-GY	4		4.0	.16	1.089.1602.19
CD22M4-BK	CD22M4-GY	5		4.0	.16	1.089.1603.19
CD22M5-BK	CD22M5-GY	6		4.0	.16	1.089.1604.19
CD22M6-BK	CD22M6-GY	2		6.0	.24	1.089.1605.19
CD22M7-BK	CD22M7-GY	3		5.6	.22	1.089.1606.19
CD22M8-BK	CD22M8-GY	6		3.0	.12	1.089.1607.19
CD22M9-BK	CD22M9-GY	4		3.0	.12	1.089.1610.19*
CD22M0-BK	CD22M0-GY	6		3.8	.15	1.089.1609.19
CD22MP-BK	CD22MP-GY	Solid Insert		1.089.1699.19		

*Note: This Insert has slotted holes.

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)			
Black	Gray		No. of Holes	Diameter of Holes		Part Numbers of Inserts only
				mm	Inches	
CD25M1-BK	CD25M1-GY	M25 x 1.5	4	6.0	.24	1.089.2100.19
CD25M2-BK	CD25M2-GY		3	7.0	.28	1.089.2101.19
CD25M3-BK	CD25M3-GY		2	8.0	.31	1.089.2102.19
CD25M4-BK	CD25M4-GY		4	5.0	.20	1.089.2103.19
CD25M5-BK	CD25M5-GY		1	8.0	.31	1.089.2104.19
CD25M6-BK	CD25M6-GY		4	5.2	.20	1.089.2105.19
CD25M7-BK	CD25M7-GY		3	5.2	.20	1.089.2106.19
CD25M8-BK	CD25M8-GY		4/1	5.2/3.7	.20/.15	1.089.2107.19
CD25M9-BK	CD25M9-GY		2	7.4	.29	1.089.2108.19
CD25MP-BK	CD25MP-GY		Solid Insert		1.089.2199.19	
CD32M1-BK	CD32M1-GY		M32 x 1.5	6	6.5	.26
CD32M2-BK	CD32M2-GY	4		9.0	.35	1.089.2901.19
CD32M3-BK	CD32M3-GY	4		9.5	.37	1.089.2902.19
CD32MP-BK	CD32MP-GY	Solid Insert		1.089.2999.19		
CD40M1-BK	CD40M1-GY	M40 x 1.5	5	9.0	.35	1.089.3600.19
CD40M2-BK	CD40M2-GY		7	9.0	.35	1.089.3601.19
CD40M3-BK	CD40M3-GY		6	8.0	.31	1.089.3602.19
CD40M4-BK	CD40M4-GY		2	15.0	.59	1.089.3603.19
CD40MP-BK	CD40MP-GY		Solid Insert		1.089.3699.19	
CD50M1-BK	CD50M1-GY		M50 x 1.5	3	14.0	.55
CD50MP-BK	CD50MP-GY	Solid Insert		1.089.4299.19		
CD63M1-BK	CD63M1-GY	M63 x 1.5	8	10.0	.39	1.089.4800.19
CD63M2-BK	CD63M2-GY		6	12.0	.47	1.089.4801.19
CD63M3-BK	CD63M3-GY		3	18.0	.71	1.089.4802.19
CD63MP-BK	CD63MP-GY		Solid Insert		1.089.4899.19	

Fittings with Multi-Hole Inserts are also available with Flex Nut.

- To order, substitute "CF" for "CD" (e.g. CD16M1-BK becomes CF16M1-BK)

Dome Fittings also available with the following approvals:



Optional Locking Nuts, O-Rings & Other Accessories starting at page 28.

How to feed a cable assembly with plug through a strain relief fitting:

- Determine largest dimension of the plug.
- Choose Strain Relief with appropriate Dome opening (see table on page 48).
- Drill solid insert to exact cable diameter & slice insert on one side only.
- Assemble by feeding Connector first through dome nut and Strain Relief body, snap insert over cable and insert into body, tighten dome nut. Done.
- This applies to PG, NPT or Metric solutions.

For specifications and dimensions see page 5 where the appropriate Fittings are listed.

