150 PSIG (10 BAR) NEMA 4X and 6 (Submersible) IP68

Materials:

Body, Dome Nut: Nickel plated brass Spring (Flex extension): Stainless Steel

Splined Bushing: Nylon 6/6
Form Seal & O-Ring: Buna-N (Viton® optional)

Operating Temperature:
-40°F to 212°F (-40°C to 100°C)
Short term exposure: 248°F (120°C)

Note 1: To Substitute a different thread type replace the 5th position with the following: "A" PG Thread, "N" NPT Thread, "M" Metric Thread. e.g. CD09N1-BK becomes CD09**A**1-BK.

Note 2: Not available in Nickel Plated Brass with NPT Threads

## To Specify Non-Listed Parts:

Strain Relief Fittings with Flex Nut
Substitute "F" for "D" e.g. CD09N1-BK becomes CF09N1-BK.
Snap Elbow Fittings with Dome Nut
Substitute "E" for "C" e.g. CD09N1-BK becomes ED09N1-BK.

Snap Elbow Fittings with Flex Nut
Substitute "EF" for "CD" e.g. CD09N1-BK becomes EF09N1-BK.
Nickel Plated Brass Strain Relief Fittings

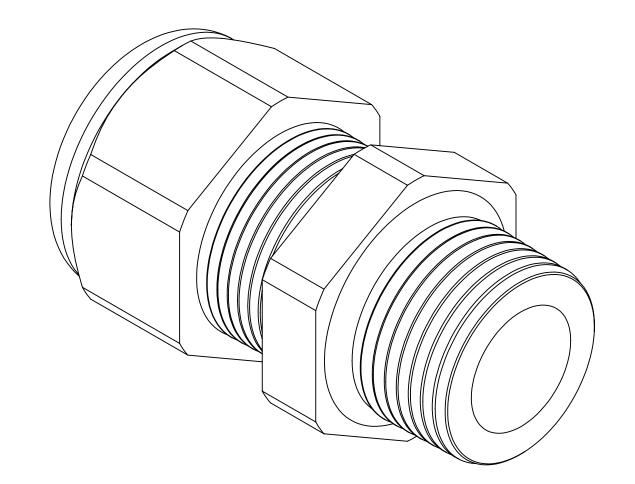
Substitute "BR" for "BK" e.g. CD09N1-BK becomes CD09N1-BR.

• Gray Strain Relief Fittings

Substitute "GY" for "BK" e.g. CD09N2-BK becomes CD09N2-GY.

DADT	THREAD TYPE AND SIZE For thread specs see	SEAL INSERTSSEAL INSERTS					
PART NUMBERS NYLON DOME FITTINGS		No. of	Diameter of Holes		Part Numbers		
Black	page 29	Holes	mm	Inches	of Inserts Only		
CD07AP-BK	PG 7 1/4" NPT	Solid Plug		1.089.0799.19			
CD12MP-BK	M12 x 1.5		Solid Plug		1.089.0799.19		
CD09N1-BK		4	1.4	.06	1.089.0900.19		
CD09N2-BK CD09N3-BK		2 5	3.0 1.6	.12 .06	1.089.0901.19 1.089.0902.19		
CD09N4-BK CD09N5-BK	3/8" NPT PG 9 M16 x 1,5 (Note 1)	2 10	1.7 1.4	.07 .06	1.089.0903.19 1.089.0904.19		
CD09N6-BK CD09N7-BK		6 3	1.4 1.7	.06 .07	1.089.0905.19 1.089.0906.19		
CD09N8-BK CD09N9-BK		4 4	1.7 2.3	.07 .09	1.089.0907.19 1.089.0908.19		
CD09NP-BK		Solid Plug			1.089.0999.19		
CD11A1-BK	PG 11	3	3.0	.12	1.089.1100.19		
CD11A2-BK CD11A3-BK		2 3	3.0 4.0	.12 .16	1.089.1101.19 1.089.1102.19		
CD11A4-BK CD11A5-BK		3 4	1.5 2.8	.06 .11	1.089.1103.19 1.089.1104.19		
CD11AP-BK		Solid Plug			1.089.1199.19		
CD13N1-BK	1/2" NPT PG 13.5 M20 x 1,5 (Note 1)	3	2.0	.08	1.089.1300.19		
CD13N2-BK CD13N3-BK		6 3	3.0 4.0	.12 .16	1.089.1301.19 1.089.1302.19		
CD13N4-BK CD13N5-BK		2 3	5.0 3.0	.20 .12	1.089.1303.19 1.089.1304.19		
CD13N6-BK CD13N7-BK		2 2	5.2 3.8	.20 .15	1.089.1305.19 1.089.1306.19		
CD13N8-BK CD13N9-BK		2 2	4.2 2.5	.17 .10	1.089.1307.19 1.089.1308.19		
CD13NP-BK			Solid Plug	1.089.1399.19			
CD16N1-BK CD16N2-BK CD16N3-BK CD16N4-BK	1/2" NPT PG 16 M22 x 1,5 (Notes 1 & 2)	3 3 4 5	3.0 4.0 4.0 4.0	.12 .16 .16 .16	1.089.1600.19 1.089.1601.19 1.089.1602.19 1.089.1603.19		
CD16N5-BK CD16N6-BK		6 2	4.0 6.0	.16 .24	1.089.1604.19 1.089.1605.19		
CD16N7-BK		3	5.6	.22	1.089.1606.19		

NYLON FITTINGS FOR THREAD TOME FITTINGS FITTING FITTINGS FITTINGS FITTING FITTINGS FITTING F	PART		SEAL INSERTS					
Mmm	DOME FITTINGS	TYPE AND SIZE For thread specs see	of	of		Numbers of Inserts		
CD16N9-BK         1/2" NPT PG 16 (Notes 1 & 2)         4         3.0         .12         1.089.1601.19           CD16N0-BK CD16NP-BK         (Notes 1 & 2)         6         3.8         .15         1.089.1609.19           CD21N1-BK CD21N2-BK         4         6.0         .24         1.089.2100.19           CD21N3-BK CD21N4-BK         2         8.0         .31         1.089.2102.19           CD21N5-BK CD21N6-BK CD21N6-BK CD21N6-BK CD21N8-BK         1         4         5.0         .20         1.089.2103.19           CD21N7-BK CD21NP-BK CD21NP-BK CD21NP-BK CD21NP-BK CD21NP-BK CD21NP-BK CD21NP-BK         1         8.0         .31         1.089.2104.19           CD29N1-BK CD29N2-BK CD29N2-B	Black			mm	Inches			
CD16N0-BK         (Notes 1 & 2)         6         3.8         .15         1.089.1609.19           CD21N1-BK         CD21N1-BK         2.24         1.089.2100.19         1.089.2101.19           CD21N3-BK         2.28         1.089.2101.19         1.089.2101.19           CD21N3-BK         2.28         3.31         1.089.2102.19           CD21N4-BK         2.20         1.089.2103.19           CD21N6-BK         2.20         1.089.2104.19           CD21N7-BK         2.20         1.089.2106.19           CD21N8-BK         3/4" NPT         4         5.2         .20         1.089.2106.19           CD21N8-BK         3.3         5.2         .20         1.089.2106.19         1.089.2107.19           CD21NP-BK         2.7.4         .29         1.089.2108.19         1.089.2108.19           CD29N1-BK         3.2         .20         1.089.2901.19         1.089.2901.19           CD29N3-BK         3.2         .26         1.089.2901.19         1.089.2901.19           CD29NB-BK         4         9.5         .37         1.089.2901.19           CD29L3-BK         1-1/4" NPT         4         9.5         .37         1.089.2901.19           CD29LB-BK         1-1/2" NPT         5<		PG 16						
CD21N1-BK CD21N2-BK CD21N3-BK CD21N4-BK CD21N4-BK CD21N5-BK CD21N6-BK CD21N6-BK CD21N7-BK CD21N7-BK CD21N7-BK CD21N8-BK CD21N8-BK CD21N8-BK CD21N8-BK CD21N8-BK CD21N9-BK CD21N9-BK CD21NP-BK CD29N2-BK CD29N2			6			1.089.1609.19		
CD21N2-BK         3         7.0         .28         1.089.2101.19           CD21N3-BK CD21N4-BK         2         8.0         .31         1.089.2102.19           CD21N5-BK CD21N6-BK         3/4" NPT M25 x 1.5 PG x 1.089.2106.19         1.089.2106.19           CD21N7-BK CD21NP-BK         2         7.4         .29         1.089.2106.19           CD29N1-BK CD29N2-BK         1" NPT M32 x 1.5 PG 29 (Note 1)         6         6.5 4         .26 9.0         1.089.2900.19           CD29N3-BK CD29NP-BK         1" NPT M32 x 1.5 PG 29 (Note 1)         4         9.5         .37         1.089.2900.19           CD29L1-BK         4         9.5         .37         1.089.2901.19           CD29L2-BK         5         .26         1.089.2900.19           CD29L2-BK         4         9.5         .37         1.089.2901.19           CD29L3-BK         6         6.5         .26         1.089.2900.19           CD29L2-BK         1-1/4" NPT         4         9.0         .35         1.089.2900.19           CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1.5 (Note 1)         5         9.0         .35         1.089.3600.19           CD36NB-BK CD36NB-BK         1.089.3600.19	CD16NP-BK			Solid Plu	1.089.1699.19			
CD21N4-BK         4         5.0         .20         1.089.2103.19           CD21N5-BK CD21N6-BK         3/4" NPT M25 x 1,5 PG 21 (Note 1)         1         8.0         .31         1.089.2104.19 1.089.2105.19           CD21N7-BK CD21N8-BK         (Note 1)         3         5.2         .20         1.089.2106.19 1.089.2107.19           CD21NP-BK CD21NP-BK         2         7.4         .29         1.089.2108.19           CD29N1-BK CD29N2-BK         1" NPT M32 x 1,5 PG 29 (Note 1)         6         6.5         .26 4         1.089.2900.19 1.089.2901.19           CD29N3-BK CD29NP-BK         10 Neg 200.19 Note 1)         4         9.5         .37         1.089.2902.19 1.089.2909.19           CD29L1-BK         6         6.5         .26         1.089.2909.19           CD29L2-BK         1-1/4" NPT         4         9.5         .37         1.089.2901.19           CD29L2-BK         1-1/4" NPT         4         9.5         .37         1.089.2901.19           CD29L3-BK         1-1/4" NPT         5         9.0         .35         1.089.2901.19           CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5         9.0         .35         1.089.3600.19           CD36NP-BK         5         9.0         .35         <		M25 x 1,5 PG 21						
CD21N6-BK         M25 x 1.5 PG 21 (Note 1)         4         5.2         .20         1.089.2105.19 PG 21 (Note 1)           CD21N7-BK CD21N8-BK         (Note 1)         3         5.2 2/3.7 20/.15 1.089.2106.19 1.089.2107.19           CD21N9-BK CD21NP-BK         2         7.4         .29         1.089.2108.19           CD29N1-BK CD29N2-BK CD29N2-BK CD29N2-BK CD29N2-BK CD29N3-BK CD29NP-BK         1" NPT M32 x 1.5 PG 29 (Note 1)         6         6.5 2.6 1.089.2900.19         1.089.2902.19           CD29L1-BK CD29L2-BK CD29L2-BK CD29L2-BK CD29L3-BK CD36N2-BK CD36N2-BK CD36N2-BK CD36N2-BK CD36N2-BK CD36N4-BK CD42AP-BK CD42AP-BK CD42AP-BK CD42AP-BK CD42AP-BK CD42AP-BK CD42AP-BK CD42AP-BK CD48A3-BK CD48A3-BK CD48A3-BK CD48A3-BK CD48A3-BK CD48A3-BK CD48A3-BK CD48A3-BK M63 x 1,5         4         5.2 20 1.089.2105.19         1.089.2900.19         1.089.2900.19           CD48A1-BK CD48A3-BK CD48A3-								
CD21N8-BK         4/1         5.2/3.7         .20/.15         1.089.2107.19           CD21N9-BK CD21NP-BK         2         7.4         .29         1.089.2108.19           CD29N1-BK CD29N2-BK         3         1.089.2199.19         1.089.2199.19           CD29N3-BK CD29N2-BK         1.089.2900.19         1.089.2900.19           CD29N3-BK CD29NP-BK         4         9.5         .37         1.089.2902.19           CD29L1-BK         6         6.5         .26         1.089.2900.19           CD29L3-BK         6         6.5         .26         1.089.2900.19           CD29L3-BK         1-1/4" NPT         4         9.0         .35         1.089.2902.19           CD29L3-BK         5         .26         1.089.2902.19         1.089.2902.19           CD29L3-BK         5         .37         1.089.2902.19           CD29L3-BK         5         .37         1.089.2902.19           CD36N1-BK         5         .9.0         .35         1.089.3600.19           CD36N2-BK         1-1/2" NPT         7         9.0         .35         1.089.3600.19           CD36N3-BK         0.36         0.31         1.089.3600.19         1.089.3600.19           CD36NP-BK         0.36			l .					
CD21NP-BK         Solid Plug         1.089.2199.19           CD29N1-BK CD29N2-BK         1" NPT M32 x 1,5 PG 29 (Note 1)         6 6.5 4 9.0 .35 1.089.2900.19         1.089.2900.19           CD29N3-BK CD29NP-BK         4 9.5 .37 1.089.2902.19         1.089.2902.19           CD29L1-BK         5 6 6.5 .26 1.089.2900.19         1.089.2900.19           CD29L2-BK         4 9.0 .35 1.089.2901.19         1.089.2901.19           CD29LP-BK         4 9.0 .35 1.089.2901.19         1.089.2902.19           CD36N1-BK CD36N2-BK         5 9.0 .35 1.089.2909.19         1.089.2909.19           CD36N3-BK CD36N4-BK         5 9.0 .35 1.089.3600.19         1.089.3600.19           CD36NP-BK         5 9.0 .35 1.089.3600.19         1.089.3602.19           CD36NP-BK         5 9.0 .35 1.089.3603.19         1.089.3603.19           CD36NP-BK         5 9.0 .35 1.089.3603.19         1.089.3603.19           CD42A1-BK CD42AP-BK         6 8.0 .31 1.089.3609.19         1.089.3609.19           CD42A1-BK CD48A2-BK         PG 42 M50 x 1,5 Solid Plug         1.089.4800.19           CD48A1-BK CD48A2-BK         PG 48 M63 x 1,5 Solid Plug         1.089.4800.19           CD48A3-BK         M63 x 1,5 M63								
CD29N1-BK CD29N2-BK 1" NPT M32 x 1,5 PG 29 (Note 1) 4 9.5 .35 1.089.2902.19 CD29NP-BK Solid Plug 1.089.2902.19 CD29L1-BK CD29L2-BK CD29L2-BK CD29L3-BK CD29L3-BK CD29L3-BK CD36N1-BK CD36N1-BK CD36N2-BK CD42A1-BK CD48A2-BK PG 48 M63 x 1,5 Solid Plug 1.089.4800.19 CD48A3-BK PG 48 M63 x 1,5 3 18.0 .71 1.089.4800.19 I.089.4800.19	CD21N9-BK		2	7.4	.29	1.089.2108.19		
CD29N2-BK         M32 x 1,5 PG 29 (Note 1)         4         9.0         .35         1.089.2901.19           CD29N3-BK CD29NP-BK         4         9.5         .37         1.089.2902.19           CD29L1-BK         50lid Plug         1.089.2999.19           CD29L2-BK         4         9.0         .35         1.089.2900.19           CD29L3-BK         4         9.0         .35         1.089.2900.19           CD29LP-BK         4         9.5         .37         1.089.2902.19           CD29LP-BK         5         9.0         .35         1.089.2902.19           CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5         9.0         .35         1.089.3600.19           CD36N3-BK CD36N4-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5         9.0         .35         1.089.3602.19           CD36NP-BK         5         9.0         .35         1.089.3602.19         1.089.3603.19           CD36NP-BK         5         9.0         .35         1.089.3603.19         1.089.3603.19           CD36NP-BK         5         8         15.0         .59         1.089.3603.19           CD42A1-BK CD42AP-BK         M50 x 1,5         Solid Plug         1.089.4203.19 <t< td=""><td>CD21NP-BK</td><td></td><td colspan="3">Solid Plug</td><td>1.089.2199.19</td><td></td></t<>	CD21NP-BK		Solid Plug			1.089.2199.19		
CD29N3-BK CD29NP-BK         (Note 1)         4         9.5         .37         1.089.2902.19           CD29L1-BK         Solid Plug         1.089.2999.19           CD29L2-BK         4         9.0         .35         1.089.2900.19           CD29L3-BK         4         9.0         .35         1.089.2901.19           CD29LP-BK         4         9.5         .37         1.089.2902.19           CD36N1-BK CD36N2-BK         Solid Plug         1.089.2999.19           CD36N3-BK CD36N3-BK CD36N4-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5 7         9.0         .35 9.0         1.089.3600.19 1.089.3602.19           CD36NP-BK         5         9.0         .35 1.089.3600.19         1.089.3602.19 1.089.3603.19           CD36NP-BK         Solid Plug         1.089.3699.19           CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3         14.0         .55 1.089.4203.19           CD48A1-BK CD48A2-BK         PG 48 M63 x 1,5         8 8 10.0         1.089.4800.19 1.089.4800.19           CD48A3-BK         M63 x 1,5         3         18.0         .71         1.089.4802.19		M32 x 1,5 PG 29						
CD29L1-BK         6         6.5         .26         1.089.2900.19           CD29L2-BK         4         9.0         .35         1.089.2901.19           CD29L3-BK         4         9.5         .37         1.089.2902.19           CD29LP-BK         Solid Plug         1.089.2909.19           CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5 7         9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0			4	9.5	.37	1.089.2902.19		
CD29L2-BK         1-1/4" NPT         4         9.0         .35         1.089.2901.19           CD29L3-BK         4         9.5         .37         1.089.2902.19           CD29LP-BK         Solid Plug         1.089.2999.19           CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5 7         9.0         .35 1.089.3600.19         1.089.3600.19           CD36N3-BK CD36N4-BK         M40 x 1,5 (Note 1)         6 2         8.0 2         .31 15.0         1.089.3602.19           CD36NP-BK         Solid Plug         1.089.3609.19           CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3         14.0         .55         1.089.4203.19           CD48A1-BK CD48A2-BK         PG 48 M63 x 1,5         8         10.0 47         .39 1.089.4800.19         1.089.4800.19           CD48A3-BK         M63 x 1,5         3         18.0         .71         1.089.4802.19	CD29NP-BK			Solid Plu	1.089.2999.19			
CD29L3-BK         1-1/4" NPT         4         9.5         .37         1.089.2902.19           CD29LP-BK         Solid Plug         1.089.2999.19           CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5         9.0         .35         1.089.3600.19 1.089.3601.19           CD36N3-BK CD36N4-BK         M40 x 1,5 (Note 1)         6         8.0         .31 1.089.3602.19 1.089.3603.19           CD36NP-BK         Solid Plug         1.089.3699.19           CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3         14.0         .55         1.089.4203.19           CD48A1-BK CD48A2-BK         PG 48 M63 x 1,5         8         10.0 47         .39 1.089.4800.19         1.089.4800.19 1.089.4801.19           CD48A3-BK         PG 48 M63 x 1,5         3         18.0         .71         1.089.4802.19	CD29L1-BK	1 1/4" NDT	6	6.5	.26	1.089.2900.19		
CD29L3-BK         4         9.5         .37         1.089.2902.19           CD29LP-BK         Solid Plug         1.089.2909.19           CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5 7         9.0         .35 1.089.3600.19         1.089.3600.19 1.089.3602.19           CD36NP-BK         6 8.0 15.0         .31 1.089.3602.19         1.089.3602.19 1.089.3603.19           CD36NP-BK         Solid Plug         1.089.3699.19           CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3 14.0         .55 1.089.4203.19           CD48A1-BK CD48A2-BK         B 6 12.0         1.089.4800.19 1.089.4800.19           CD48A3-BK         PG 48 M63 x 1,5         3 18.0         .71 1.089.4802.19	CD29L2-BK		4	9.0	.35	1.089.2901.19		
CD36N1-BK CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         5 7         9.0 9.0 9.0         .35 3.5         1.089.3600.19 1.089.3601.19           CD36N3-BK CD36N4-BK         M40 x 1,5 (Note 1)         6 2         8.0 15.0         .59 1.089.3603.19           CD36NP-BK         Solid Plug         1.089.3609.19 1.089.3699.19           CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3 3         14.0 14.0         .55 1.089.4203.19 1.089.4299.19           CD48A1-BK CD48A2-BK         PG 48 M63 x 1,5         8 6 12.0         1.089.4800.19 1.089.4801.19           CD48A3-BK         PG 48 M63 x 1,5         3 18.0         .71 1.089.4802.19	CD29L3-BK	1 1/4 141 1	4	9.5	.37	1.089.2902.19		
CD36N2-BK         1-1/2" NPT PG 36 M40 x 1,5 (Note 1)         7         9.0         .35         1.089.3601.19           CD36N3-BK CD36N4-BK         M40 x 1,5 (Note 1)         6         8.0 31 1.089.3602.19 1.089.3603.19           CD36NP-BK         Solid Plug         1.089.3609.19           CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3         14.0 35         1.089.4203.19 1.089.4203.19           CD48A1-BK CD48A2-BK         PG 48 M63 x 1,5         8         10.0 39 1.089.4800.19 1.089.4800.19 1.089.4801.19           CD48A3-BK         PG 48 M63 x 1,5         3         18.0 .71 1.089.4802.19	CD29LP-BK			Solid Plu	1.089.2999.19			
CD36N3-BK CD36N4-BK         PG 36 M40 x 1,5 (Note 1)         6 2         8.0 15.0         .31 .59         1.089.3602.19 1.089.3603.19           CD36NP-BK         Solid Plug         1.089.3699.19           CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3         14.0         .55         1.089.4203.19           CD48A1-BK CD48A2-BK         Solid Plug         1.089.4299.19           CD48A3-BK         B         10.0 6         .39 12.0         1.089.4800.19 1.089.4801.19           CD48A3-BK         PG 48 M63 x 1,5         3         18.0         .71         1.089.4802.19		PG 36 M40 x 1,5	5 7		.35 .35			
CD42A1-BK CD42AP-BK         PG 42 M50 x 1,5         3         14.0         .55         1.089.4203.19           CD48A1-BK CD48A2-BK         8         10.0 6         .39 12.0         1.089.4800.19 47         1.089.4800.19 1.089.4801.19           CD48A3-BK         PG 48 M63 x 1,5         3         18.0         .71         1.089.4802.19								
CD42AP-BK         M50 x 1,5         Solid Plug         1.089.4299.19           CD48A1-BK CD48A2-BK         8 10.0 39 1.089.4800.19 6 12.0 .47 1.089.4801.19           CD48A3-BK         PG 48 M63 x 1,5 3 18.0 .71 1.089.4802.19	CD36NP-BK		Solid Plug			1.089.3699.19		
CD48A1-BK CD48A2-BK CD48A3-BK PG 48 M63 x 1,5 Reg 48 M63 x 1,5 Reg 48 M63 x 1,5 Reg 48 M63 x 1,5 Reg 48 Reg			3	14.0	.55	1.089.4203.19		
CD48A2-BK PG 48 M63 x 1,5 R 10.0 .37 1.089.4800.19 1.089.4802.19		M50 x 1,5	Solid Plug			1.089.4299.19		
CD48A3-BK M63 x 1,5 3 18.0 .71 1.089.4802.19		PC 49					7	
CD48AP-BK         Solid Plug         1.089.4899.19	CD48A3-BK		3	18.0	.71	1.089.4802.19		
	CD48AP-BK			Solid Plu	1.089.4899.19			



**NOTES:** 

- 1) GENERAL DIMENSIONS DRAWINGS.
- 2) DIMENSIONS [] ARE IN INCHES.
- 3) DIMENSIONS NOTED ARE FOR REFERENCE ONLY.



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