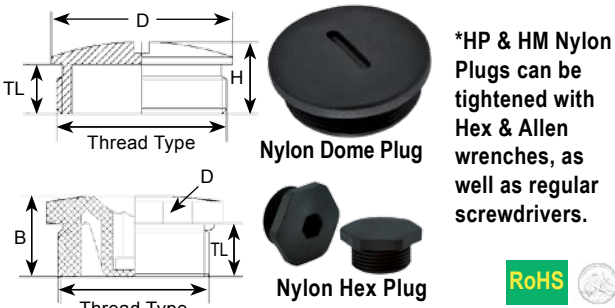


Dome Plugs: Nylon (No O-Ring Groove) - IP 54						
Part Numbers		Thread Type & Size	Dimensions Inches (mm)			
-40°F to 212°F (-40°C to 100°C)			H	D	TL	
		See page 56 for thread specs	Overall Height	Outer Diameter	Thread Length	
DP-07-BK	DP-07-GY		PG 7	.31 (8)	.59 (15)	.24 (6)
DP-09-BK	DP-09-GY		PG 9	.35 (9)	.75 (19)	.24 (6)
DP-11-BK	DP-11-GY		PG 11	.35 (9)	.87 (22)	.24 (6)
DP-13-BK	DP-13-GY		PG 13 / 13.5	.37 (9.5)	.98 (25)	.24 (6)
DP-16-BK	DP-16-GY		PG 16	.37 (9.5)	1.06 (27)	.24 (6)
DP-21-BK	DP-21-GY		PG 21	.43 (11)	1.30 (33)	.31 (8)
DP-29-BK	DP-29-GY		PG 29	.47 (12)	1.73 (44)	.31 (8)
DP-36-BK	DP-36-GY		PG 36	.59 (15)	2.17 (55)	.39 (10)
DP-42-BK	DP-42-GY		PG 42	.63 (16)	2.44 (62)	.39 (10)
DP-48-BK	DP-48-GY		PG 48	.63 (16)	2.72 (69)	.47 (12)
DM-12-BK	DM-12-GY		M12 x 1.5	.39 (10)	.59 (15)	.24 (6)
DM-16-BK	DM-16-GY		M16 x 1.5	.45 (11.5)	.79 (20)	.28 (7)
DM-20-BK	DM-20-GY		M20 x 1.5	.37 (9.5)	.98 (25)	.24 (6)
DM-25-BK	DM-25-GY		M25 x 1.5	.61 (15.5)	1.18 (30)	.43 (11)
DM-32-BK	DM-32-GY	M32 x 1.5	.63 (16)	1.50 (38)	.43 (11)	
DM-40-BK	DM-40-GY	M40 x 1.5	.71 (18)	1.81 (46)	.51 (13)	
DM-50-BK	DM-50-GY	M50 x 1.5	.73 (18.5)	2.20 (56)	.51 (13)	
DM-63-BK	DM-63-GY	M63 x 1.5	.75 (19)	2.72 (69)	.59 (15)	

Hex Plugs: Nylon					
Part Numbers		Thread Type & Size	Dimensions Inches (mm)		
-4°F to 176°F (-20°C to 80°C)			B	D	TL
		See page 56 for thread specs	Body Length	Wrench Flat	Thread Length
HP-07-BK	PG 7 / 1/4" NPT		.51 (13)	.59 (15)	.33 (8.5)
HP-09-BK	PG 9		.51 (13)	.75 (19)	.33 (8.5)
HP-11-BK	PG 11		.57 (14.5)	.94 (24)	.35 (9)
HP-13-BK	PG 13 / 13.5		.57 (14.5)	.94 (24)	.35 (9)
HP-16-BK	PG 16		.63 (16)	1.10 (28)	.41 (10.5)
HP-21-BK	PG 21		.69 (17.5)	1.42 (36)	.45 (11.5)
HP-29-BK	PG 29		.71 (18)	1.81 (46)	.45 (11.5)
HP-36-BK	PG 36		.79 (20)	2.17 (55)	.53 (13.5)
HP-42-BK	PG 42		.79 (20)	2.36 (60)	.53 (13.5)
HP-48-BK	PG 48		.83 (21)	2.76 (70)	.57 (14.5)
HM-12-BK	M12 x 1.5		.51 (13)	.59 (15)	.33 (8.5)
HM-16-BK	M16 x 1.5		.51 (13)	.75 (19)	.33 (8.5)
HM-20-BK	M20 x 1.5		.57 (14.5)	.94 (24)	.35 (9)
HM-25-BK	M25 x 1.5		.63 (16)	1.10 (28)	.41 (10.5)
HM-32-BK	M32 x 1.5	.69 (17.5)	1.42 (36)	.45 (11.5)	
HM-40-BK	M40 x 1.5	.71 (18)	1.81 (46)	.45 (11.5)	
HM-50-BK	M50 x 1.5	.79 (20)	2.17 (55)	.53 (13.5)	
HM-63-BK	M63 x 1.5	.83 (21)	2.76 (70)	.57 (14.5)	

*Available with an O-Ring Groove



*HP & HM Nylon Plugs can be tightened with Hex & Allen wrenches, as well as regular screwdrivers.



Hex Plugs also available with the following approvals:



*German Lloyd Approval only applies to Nylon Hex Plugs with PG or Metric Threads.

www.SealconEX.com

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)						
-40 °F to 176 °F (-40 °C to 80 °C)			H	D	TL	H	D	TL	
		See page 56 for thread specs	Overall Height	Outer Diameter	Thread Length	Overall Height w/ O-Ring	Outer Diameter w/ O-Ring	Thread Length w/ O-Ring	
DM-12-BR	DM-12-BR-B		M12 x 1.5	.30 (7.5)	.55 (14)	.20 (5)	.37 (9.5)	.55 (14)	.26 (6.5)
DM-16-BR	DM-16-BR-B		M16 x 1.5	.35 (9)	.71 (18)	.20 (5)	.35 (9)	.79 (20)	.24 (6)
DM-20-BR	DM-20-BR-B		M20 x 1.5	.37 (9.5)	.87 (22)	.26 (6.5)	.37 (9.5)	.94 (24)	.26 (6.5)
DM-25-BR	DM-25-BR-B		M25 x 1.5	.43 (11)	1.10 (28)	.28 (7)	.43 (11)	1.10 (28)	.28 (7)
DM-32-BR	DM-32-BR-B		M32 x 1.5	.47 (12)	1.38 (35)	.31 (8)	.49 (12.5)	1.38 (35)	.31 (8)
DM-40-BR	DM-40-BR-B		M40 x 1.5	.51 (13)	1.73 (44)	.33 (8.5)	.47 (12)	1.77 (45)	.31 (8)
DM-50-BR	DM-50-BR-B		M50 x 1.5	.59 (15)	2.13 (54)	.35 (9)	.59 (15)	2.17 (55)	.35 (9)
DM-63-BR	DM-63-BR-B		M63 x 1.5	.63 (16)	2.64 (67)	.39 (10)	.63 (16)	2.68 (68)	.39 (10)

Dome Plugs: Nickel Plated Brass

Dome Plugs: Nickel Plated Brass							
Part Numbers		Thread Type & Size	Dimensions Inches (mm)				
-40°F to 176°F (-40°C to 80°C)			H	TL	D	TL	
		See page 56 for thread specs	Overall Height	Thread Length	Outer Diameter	Thread Length w/ O-Ring	
DP-07-BR	DP-07-BR-B		PG 7	.31 (8)	.20 (5)	.55 (14)	.19 (4.8)
DP-09-BR	DP-09-BR-B		PG 9	.35 (9)	.24 (6)	.67 (17)	.22 (5.5)
DP-11-BR	DP-11-BR-B		PG 11	.35 (9)	.24 (6)	.79 (20)	.22 (5.5)
DP-13-BR	DP-13-BR-B		PG 13 / 13.5	.37 (9.5)	.26 (6.5)	.87 (22)	.24 (6)
DP-16-BR	DP-16-BR-B		PG 16	.37 (9.5)	.26 (6.5)	.94 (24)	.24 (6)
DP-21-BR	DP-21-BR-B		PG 21	.43 (11)	.28 (7)	1.18 (30)	.26 (6.5)
DP-29-BR	DP-29-BR-B		PG 29	.47 (12)	.31 (8)	1.54 (39)	.30 (7.5)
DP-36-BR	DP-36-BR-B		PG 36	.59 (15)	.35 (9)	1.97 (50)	.35 (9)
DP-42-BR	DP-42-BR-B		PG 42	.63 (16)	.39 (10)	2.24 (57)	.39 (10)
DP-48-BR	DP-48-BR-B		PG 48	.63 (16)	.39 (10)	2.52 (64)	.39 (10)

To order a hole plug with an FKM O-Ring instead of Buna-N, replace "-V" (FKM) to part number (e.g. DP-11-BR-V).

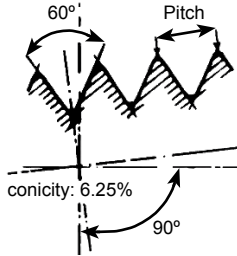


Hex Plugs: Polypropylene					
Part Numbers		Thread Type & Size	Dimensions Inches (mm)		
32°F to 275°F (0°C to 135°C)			B	D	TL
		See page 56 for thread specs	Overall Height	Wrench Flat	Thread Length
HN-38-BK	3/8" NPT		.83 (21)	.75 (19)	.59 (15)
HN-12-BK	1/2" NPT		.81 (20.5)	.94 (24)	.55 (14)
HN-34-BK	3/4" NPT		.87 (22)	1.10 (28)	.63 (16)
HN-10-BK	1" NPT		.91 (23)	1.34 (34)	.67 (17)

For Material Specifications and Approval Information refer to page 52. O-Ring needed for Type Nema 4x

NPT Threads

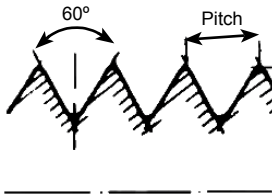
Thread Size	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT	1-1/4" NPT	1-1/2" NPT	2" NPT
Major Dia. in Inches (mm)	.54 (13.72)	.675 (17.145)	.84 (21.336)	1.05 (26.67)	1.314 (33.40)	1.66 (42.164)	1.90 (48.26)	2.375 (60.325)
Pitch in Inches (mm)	.056 (1.41)	.056 (1.411)	.071 (1.814)	.071 (1.814)	.087 (2.208)	.087 (2.208)	.087 (2.208)	.087 (2.208)
Threads per Inch	18	18	14	14	11.5	11.5	11.5	11.5



- NPT Thread = National Pipe Thread
- Taper rate for all NPT threads is 1/16
- The taper on NPT threads allows them to form a seal when torqued as the flanks of the threads compress against each other, as opposed to straight thread fittings

Metric Threads

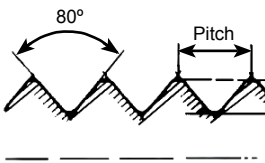
Thread Size	M6	M8	M10	M12	M16	M20	M25	M32	M40	M50	M63
Major Dia. in Inches (mm)	.24 (6)	.31 (8)	.39 (10)	.47 (12)	.63 (16)	.79 (20)	.98 (25)	1.26 (32)	1.57 (40)	1.97 (50)	2.48 (63)
Pitch in Inches (mm)	.04 (1)	.05 (1.25)	.06 (1.5)	.059 (1.5)	.059 (1.5)	.059 (1.5)	.059 (1.5)	.059 (1.5)	.059 (1.5)	.059 (1.5)	.059 (1.5)
Thru Hole in Inches (mm)	.251 (6.4)	.33 (8.4)	.413 (10.5)	.492 (12.5)	.63 (16)	.79 (20)	.98 (25)	1.26 (32)	1.57 (40)	1.97 (50)	2.48 (63)



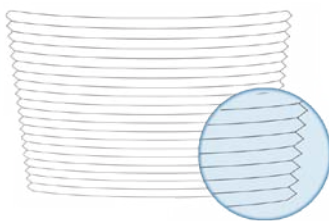
- World-wide most commonly used type thread
- Characterized by its major diameter and its pitch
- Designated by the letter M followed by the value of the nominal diameter and the pitch, both expressed in millimeters and separated by the multiplication sign 'x' (i.e. M12 x 1.5)

PG Threads

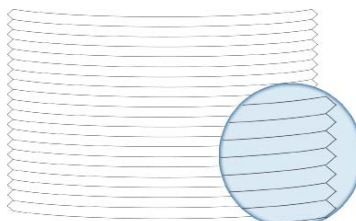
Thread Size	PG 7	PG 9	PG 11	PG 13 / 13.5	PG 16	PG 21	PG 29	PG 36	PG 42	PG 48
Major Dia. in Inches (mm)	.49 (12.5)	.60 (15.2)	.73 (18.6)	.80 (20.4)	.89 (22.5)	1.11 (28.3)	1.46 (37)	1.85 (47)	2.13 (54)	2.39 (59.3)
Pitch in Inches (mm)	.05 (1.27)	.056 (1.41)	.056 (1.41)	.056 (1.41)	.056 (1.41)	.062 (1.59)	.062 (1.59)	.062 (1.59)	.062 (1.59)	.062 (1.59)
Thru Hole in Inches (mm)	.50 (12.7)	.606 (15.4)	.74 (18.8)	.8149 (20.7)	.897 (22.8)	1.12 (28.6)	1.47 (37.4)	1.87 (47.5)	2.14 (54.5)	2.35 (59.8)



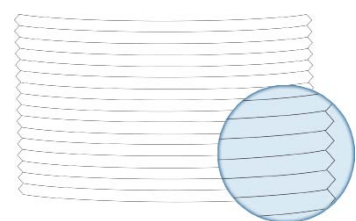
- PG Thread = Panzer-Gewinde (also Panzer-Rohr-Gewinde)
- German thread type
- Depth of thread smaller than NPT or Metric, but larger flank angle
- Straight thread



NPT Threads
(Tapered)



Metric Threads
(Straight)



PG Threads
(Straight)