















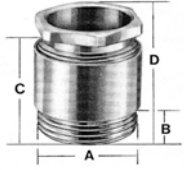
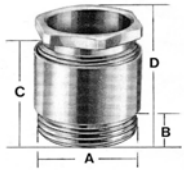
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Table of Contents		
Picture	Description	Page
	Standard Strain Relief PG-Size	G-01-01
	Standard Strain Relief Metric-Size	G-01-01
	Standard Strain Relief PG-Size	G-02-01
	Standard Strain Relief Metric-Size	G-02-01
	IP 68 Strain Relief PG-Size	G-03-01
	IP 68 Strain Relief PG-Size for shielding	G-03-01
	IP 68 Strain Relief Metric-Size	G-04-01
	IP 68 Strain Relief Metric-Size for shielding	G-04-01
	IP 68 Strain Relief Metric-Size Stainless Steel	G-04-02
	IP 68 Strain Relief NPT-Size	G-05-01
	IP 68 Strain Relief PG-Size Stainless Steel	G-05-01
	Adaptors Metric to PG	G-06-01
	Adaptors PG to NPT	G-06-01
	Enlargers Metric to Metric	G-07-01
	Enlargers PG to PG	G-07-01
	Reducers Metric-Metric/Metric-PG/PG-Metric	G-08-01-G-09-01
	Reducers PG to PG	G-10-01
	Plugs Metric and Plugs PG	G-11-01
	Lock Nuts Metric, PG, flat, cutting edge, stainless steel	G-12-01-G-13-01
	Universal Packing Rings Metric and PG	G-14-01
	Flat Cable Packing Rings	G-14-01
	O-rings for Metric/PG/NPT threads	G-15-01
	Pressing Discs for Flat Cables	G-15-01
INFO	Formulas - Protection - Resistance - PG	G-16-01-G-17-01

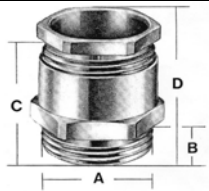
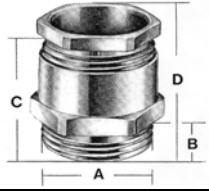
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Standard Strain Reliefs							
	Applications Standard Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. With rubber sealing ring. Round lower part.				Features Material: brass, nickel plated Temp: -30C to +80C (-22F to 176F) Protection: IP 54 Hex Nuts: Series GH-780...		
Dimensions mm (inch) - Part Numbers							
Thread	A	B	C	D (approx.)	Cable dia.	Part Number	PG-Sizes
PG 7	12.5(0.49)	5.0(0.20)	15.0(0.59)	21.0(0.83)	04-06(0.15-0.24)	GH-010.0700.0	
PG 9	15.2(0.60)	6.0(0.24)	16.5(0.65)	22.5(0.89)	08-10(0.31-0.39)	GH-010.0900.0	
PG 11	18.6(0.73)	6.0(0.24)	17.0(0.67)	24.0(0.94)	08-10(0.31-0.39)	GH-010.1100.0	
PG 13.5	20.4(0.80)	6.5(0.26)	19.0(0.75)	25.5(1.02)	10-12(0.39-0.48)	GH-010.1300.0	
PG 16	22.5(0.88)	6.5(0.26)	20.0(0.79)	26.5(1.04)	12-14(0.47-0.55)	GH-010.1600.0	
PG 21	28.3(1.11)	7.0(0.28)	22.0(0.87)	30.0(1.18)	17-19(0.66-0.75)	GH-010.2100.0	
PG 29	37.0(1.45)	8.0(0.32)	24.5(0.97)	33.0(1.30)	26-28(1.02-1.11)	GH-010.2900.0	
PG 36	47.0(1.84)	9.0(0.36)	28.5(1.13)	39.0(1.54)	33-35(1.30-1.38)	GH-010.3600.0	
PG 42	54.0(2.11)	10(0.39)	32.0(1.26)	44.0(1.73)	39-41(1.53-1.62)	GH-010.4200.0	
PG 48	59.3(2.33)	10(0.39)	33.0(1.30)	46.0(1.81)	43-45(1.69-1.78)	GH-010.4800.0	
	Applications Standard Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. With rubber sealing ring. Round lower part.				Features Material: brass, nickel plated Temp: -30C to +80C (-22F to 176F) Protection: IP 54 Hex Nuts: Series GH-785...		
Dimensions mm (inch) - Part Numbers							
Thread	A	B	C	D (approx.)	Cable dia.	Part Number	Metric sizes
M12x1.5	12(0.47)	5.0(0.20)	15.0(0.59)	23.0(0.90)	04-06(0.15-0.24)	GH-010.1207.0	
M16x1.5	16(0.63)	5.0(0.20)	15.0(0.59)	24.0(0.94)	08-10(0.31-0.39)	GH-010.1609.0	
M20x1.5	20(0.79)	6.0(0.24)	17.0(0.67)	26.0(1.02)	08-10(0.31-0.39)	GH-010.2011.0	
M20x1.5	20(0.79)	6.0(0.24)	18.5(0.73)	28.0(1.11)	10-12(0.39-0.48)	GH-010.2013.0	
M20x1.5	20(0.79)	6.0(0.24)	19.5(0.77)	29.0(1.14)	12-14(0.47-0.55)	GH-010.2016.0	
M25x1.5	25(0.98)	7.0(0.28)	22.0(0.87)	34.0(1.34)	17-19(0.66-0.75)	GH-010.2521.0	
M32x1.5	32(1.26)	8.0(0.32)	24.5(0.97)	35.0(1.38)	26-28(1.02-1.11)	GH-010.3229.0	
M40x1.5	40(1.57)	8.0(0.32)	27.5(1.08)	42.0(1.65)	33-35(1.30-1.38)	GH-010.4036.0	
M50x1.5	50(1.97)	9.0(0.36)	31.0(1.22)	44.0(1.73)	39-41(1.53-1.62)	GH-010.5042.0	
M63x1.5	63(2.48)	10(0.39)	33.0(1.30)	48.0(1.89)	43-45(1.69-1.78)	GH-010.6348.0	

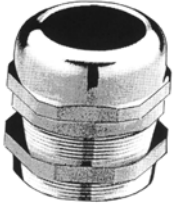
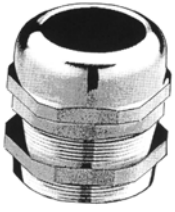
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Standard Strain Reliefs							
	Applications Standard Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. With rubber sealing ring. Hexagon lower part.				Features Material: brass, nickel plated Temp: -30C to +80C (-22F to 176F) Protection: IP 54 Hex Nuts: Series GH-780...		
Dimensions mm (inch) - Part Numbers							
Thread	A	B	C	D (approx.)	Cable dia.	Part Number	PG-Sizes
PG 7	12.5(0.49)	5.0(0.20)	15.0(0.59)	21.0(0.83)	04-06(0.15-0.24)	GH-110.0700.0	
PG 9	15.2(0.60)	6.0(0.24)	16.5(0.65)	22.5(0.89)	08-10(0.31-0.39)	GH-110.0900.0	
PG 11	18.6(0.73)	6.0(0.24)	17.0(0.67)	24.0(0.94)	08-10(0.31-0.39)	GH-110.1100.0	
PG 13.5	20.4(0.80)	6.5(0.26)	19.0(0.75)	25.5(1.02)	10-12(0.39-0.48)	GH-110.1300.0	
PG 16	22.5(0.88)	6.5(0.26)	20.0(0.79)	26.5(1.04)	12-14(0.47-0.55)	GH-110.1600.0	
PG 21	28.3(1.11)	7.0(0.28)	22.0(0.87)	30.0(1.18)	17-19(0.66-0.75)	GH-110.2100.0	
PG 29	37.0(1.45)	8.0(0.32)	24.5(0.97)	33.0(1.30)	26-28(1.02-1.11)	GH-110.2900.0	
PG 36	47.0(1.84)	9.0(0.36)	28.5(1.13)	39.0(1.54)	33-35(1.30-1.38)	GH-110.3600.0	
PG 42	54.0(2.11)	10(0.39)	32.0(1.26)	44.0(1.73)	39-41(1.53-1.62)	GH-110.4200.0	
PG 48	59.3(2.33)	10(0.39)	33.0(1.30)	46.0(1.81)	43-45(1.69-1.78)	GH-110.4800.0	
1/2"NPT	21.0(0.83)	11.5(0.47)	24.5(0.96)	31.5(1.24)	07-13(0.28-0.52)	GH-110.0192.6	
	Applications Standard Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. With rubber sealing ring. Hexagon lower part.				Features Material: brass, nickel plated Temp: -30C to +80C (-22F to 176F) Protection: IP 54 Hex Nuts: Series GH-785...		
Dimensions mm (inch) - Part Numbers							
Thread	A	B	C	D (approx.)	Cable dia.	Part Number	Metric sizes
M12x1.5	12(0.47)	5.0(0.20)	15.0(0.59)	23.0(0.90)	04-06(0.15-0.24)	GH-110.1207.0	
M16x1.5	16(0.63)	5.0(0.20)	15.0(0.59)	24.0(0.94)	08-10(0.31-0.39)	GH-110.1609.0	
M20x1.5	20(0.79)	6.0(0.24)	17.0(0.67)	26.0(1.02)	08-10(0.31-0.39)	GH-110.2011.0	
M20x1.5	20(0.79)	6.0(0.24)	18.5(0.73)	28.0(1.11)	10-12(0.39-0.48)	GH-110.2013.0	
M20x1.5	20(0.79)	6.0(0.24)	19.5(0.77)	29.0(1.14)	12-14(0.47-0.55)	GH-110.2016.0	
M25x1.5	25(0.98)	7.0(0.28)	22.0(0.87)	34.0(1.34)	17-19(0.66-0.75)	GH-110.2521.0	
M32x1.5	32(1.26)	8.0(0.32)	24.5(0.97)	35.0(1.38)	26-28(1.02-1.11)	GH-110.3229.0	
M40x1.5	40(1.57)	8.0(0.32)	27.5(1.08)	42.0(1.65)	33-35(1.30-1.38)	GH-110.4036.0	
M50x1.5	50(1.97)	9.0(0.36)	31.0(1.22)	44.0(1.73)	39-41(1.53-1.62)	GH-110.5042.0	
M63x1.5	63(2.48)	10(0.39)	33.0(1.30)	48.0(1.89)	43-45(1.69-1.78)	GH-110.6348.0	

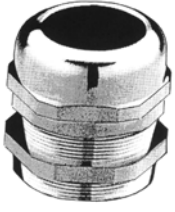
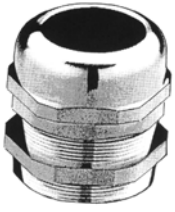
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

High Performance Strain Reliefs							
		Applications Strong Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. Completely insulated. With hexagon lower part and cord grips. With O-ring at external thread.			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 watertight Resistant to oil, water, ageing. Hex Nuts: Series GH-780...		
Dimensions mm (inch) - Part Numbers							
Thread PG-size	Thread O.D.	Width across flats	Thread length	Approx. total length	Cable entry Cable dia.	Part Number	PG-Sizes
PG 7	12.5(0.49)	14 mm	5.0(0.19)	25.0(0.98)	03-07(0.12-0.28)	GH-351.0700.0	
PG 9	15.2(0.60)	17 mm	6.0(0.24)	28.0(1.10)	06-10(0.24-0.39)	GH-351.0900.0	
PG 11	18.6(0.73)	20 mm	6.0(0.24)	28.0(1.10)	06-10(0.24-0.39)	GH-351.1100.0	
PG 13.5	20.4(0.80)	22 mm	6.5(0.26)	30.0(1.18)	08-13(0.32-0.52)	GH-351.1300.0	
PG 16	22.5(0.88)	24 mm	6.5(0.26)	30.0(1.18)	08-14(0.32-0.55)	GH-351.1600.0	
PG 21	28.3(1.11)	30 mm	7.0(0.28)	36.0(1.42)	11-18(0.43-0.71)	GH-351.2100.0	
PG 29	37.0(1.45)	40 mm	8.0(0.32)	26.0(1.42)	18-27(0.70-0.98)	GH-351.2900.0	
PG 36	47.0(1.84)	50 mm	9.0(0.35)	50.0(1.97)	25-35(0.98-1.38)	GH-351.3600.0	
PG 42	54.0(2.11)	57 mm	10.0(0.39)	50.0(1.97)	25-35(0.98-1.38)	GH-351.4200.0	
PG 48	59.3(2.33)	66 mm	10.0(0.39)	55.0(2.17)	39-48(1.54-1.89)	GH-351.4800.0	
		Applications Strong Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. Completely insulated. With hexagon lower part and cord grips. With O-ring at external thread.			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 watertight Resistant to oil, water, ageing. Hex Nuts: Series GH-780...		
Dimensions mm (inch) - Part Numbers							
Thread PG-size	Thread O.D.	Width across flats	Thread length	Approx. total length	Cable entry Cable dia.	Part Number	PG-Sizes
PG 7	12.5(0.49)	14 mm	5.0(0.19)	25.0(0.98)	03-07(0.12-0.28)	GH-353.0700.0	For Shielded Cables
PG 9	15.2(0.60)	17 mm	6.0(0.24)	28.0(1.10)	06-10(0.24-0.39)	GH-353.0900.0	
PG 11	18.6(0.73)	20 mm	6.0(0.24)	28.0(1.10)	06-10(0.24-0.39)	GH-353.1100.0	
PG 13.5	20.4(0.80)	22 mm	6.5(0.26)	30.0(1.18)	08-13(0.32-0.52)	GH-353.1300.0	
PG 16	22.5(0.88)	24 mm	6.5(0.26)	30.0(1.18)	08-14(0.32-0.55)	GH-353.1600.0	
PG 21	28.3(1.11)	30 mm	7.0(0.28)	36.0(1.42)	11-18(0.43-0.71)	GH-353.2100.0	
PG 29	37.0(1.45)	40 mm	8.0(0.32)	26.0(1.42)	18-27(0.70-0.98)	GH-353.2900.0	



Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

High Performance Strain Reliefs							
		Applications Strong Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. Completely insulated. With hexagon lower part and cord grips. With O-ring at external thread.			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 watertight Resistant to oil, water, ageing. Hex Nuts: Series GH-785...		
Dimensions mm (inch) - Part Numbers							
Thread mm-size	Thread O.D.	Width across flats	Thread length	Approx. total length	Cable entry Cable dia.	Part Number	Metric sizes
M12x1.5	12(0.47)	14 mm	5.0(0.19)	25.0(0.98)	03-07(0.12-0.28)	GH-356.1200.0	
M16x1.5	16(0.63)	17 mm	5.5(0.22)	28.0(1.10)	06-10(0.24-0.39)	GH-356.1600.0	
M20x1.5	20(0.79)	22 mm	6.0(0.24)	28.0(1.10)	06-12(0.24-0.47)	GH-356.2000.1	
M20x1.5	20(0.79)	22 mm	6.0(0.24)	28.0(1.10)	08-13(0.32-0.52)	GH-356.2000.0	
M25x1.5	25(0.98)	30 mm	7.0(0.28)	30.0(1.18)	11-18(0.43-0.71)	GH-356.2500.0	
M32x1.5	32(1.26)	34 mm	8.0(0.32)	36.0(1.42)	15-21(0.59-0.83)	GH-356.3200.0	
M40x1.5	40(1.57)	44 mm	8.0(0.32)	40.0(1.57)	18-27(0.70-0.98)	GH-356.4000.0	
M50x1.5	50(1.97)	55 mm	9.0(0.35)	50.0(1.97)	25-35(0.98-1.38)	GH-356.5000.0	
M63x1.5	63(2.48)	66 mm	10.0(0.39)	50.0(1.97)	27-38(1.06-1.50)	GH-356.6300.1	
M63x1.5	63(2.48)	66 mm	10.0(0.39)	55.0(2.17)	39-48(1.54-1.89)	GH-356.6300.0	
		Applications Strong Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. Completely insulated. With hexagon lower part and cord grips. With O-ring at external thread.			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 watertight Resistant to oil, water, ageing. Hex Nuts: Series GH-785...		
Dimensions mm (inch) - Part Numbers							
Thread mm-size	Thread O.D.	Width across flats	Thread length	Approx. total length	Cable entry Cable dia.	Part Number	Metric sizes
M12x1.5	12(0.47)	14 mm	5.0(0.19)	25.0(0.98)	03-07(0.12-0.28)	GH-357.1200.0	For Shielded Cables
M16x1.5	16(0.63)	17 mm	5.5(0.22)	28.0(1.10)	06-10(0.24-0.39)	GH-357.1600.0	
M20x1.5	20(0.79)	22 mm	6.0(0.24)	28.0(1.10)	08-13(0.32-0.52)	GH-357.2000.0	
M25x1.5	25(0.98)	30 mm	7.0(0.28)	30.0(1.18)	11-18(0.43-0.71)	GH-357.2500.0	
M32x1.5	32(1.26)	34 mm	8.0(0.32)	36.0(1.42)	15-21(0.59-0.83)	GH-357.3200.0	
M40x1.5	40(1.57)	44 mm	8.0(0.32)	40.0(1.57)	18-27(0.70-0.98)	GH-357.4000.0	
M50x1.5	50(1.97)	55 mm	9.0(0.35)	50.0(1.97)	25-35(0.98-1.38)	GH-357.5000.0	
M63x1.5	63(2.48)	66 mm	10.0(0.39)	55.0(2.17)	39-48(1.54-1.89)	GH-357.6300.0	


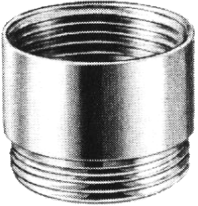
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

High Performance Strain Reliefs							
		Applications Strong Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. Completely insulated. With hexagon lower part and variable insert. Two part Insert for smaller and bigger cable diameter.			Features Material: brass, nickel plated Temp: -40C to +120C (-40F to 248F) Protection: IP68 watertight Resistant to oil, water, ageing.		
Dimensions mm (inch) - Part Numbers							
Thread NPT	Thread O.D.	Width across flats	Thread length	Approx. total length	Cable entry Cable dia.	Part Number	NPT sizes
1/2 "		22 mm	12(0.47)	27(1.06)	05-12(0.20-0.47)	GH-310.9012.0	
1/2 "		24 mm	12(0.47)	27(1.06)	07-15(0.28-0.59)	GH-310.9012.1	
3/4 "		32 mm	14(0.55)	27(1.06)	07-15(0.28-0.59)	GH-310-9034.0	
3/4 "		32 mm	14(0.55)	27(1.06)	09-20(0.35-0.79)	GH-310.9034.1	
1 "		40 mm	20(0.79)	32(1.26)	18-28(0.71-1.10)	GH-310-9100.0	
		Applications Strong Strain Relief for straight-through cable entries. These Strain Reliefs seal cable entries and prevent contaminants from entering into enclosures. Completely insulated. With hexagon lower part and variable insert. Two part Insert for smaller and bigger cable diameter.			Features Material: stainless steel Temp: -40C to +120C (-40F to 248F) Protection: IP68 watertight Resistant to oil, water, ageing. Hex Nuts: Series GH-780...		
Dimensions mm (inch) - Part Numbers							
Thread PG-size	Thread O.D.	Width across flats	Thread length	Approx. total length	Cable entry Cable dia.	Part Number	PG-Sizes
PG 7	12.5(0.49)	14 mm	6.0(0.24)	23(0.91)	04-07(0.16-0.28)	GH-388.0700.0	Stainless Steel Version
PG 9	15.2(0.60)	19 mm	6.0(0.24)	24(0.94)	04-09(0.16-0.35)	GH-388.0900.0	
PG 11	18.6(0.73)	22 mm	6.0(0.24)	26(1.02)	05-12(0.20-0.47)	GH-388.1100.0	
PG 13.5	20.4(0.80)	24 mm	6.0(0.24)	27(1.06)	08-15(0.32-0.59)	GH-388.1300.0	
PG 16	22.5(0.88)	24 mm	6.0(0.24)	27(1.06)	08-15(0.32-0.59)	GH-388.1600.0	
PG 21	28.3(1.11)	32 mm	7.5(0.30)	32(1.26)	10-20(0.39-0.79)	GH-388.2100.0	


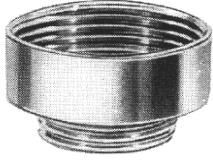
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Adaptors PG - metric and PG - NPT							
		Applications Adaptors with external metric thread to convert to an internal PG thread. For sealing purposes please order O-rings GH-871...				Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-785...	
Dimensions mm (inch) - Part Numbers							
Thread (external)	Thread (internal)	O. D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	Metric/PG
M12x1.5	PG 7	14(0.55)	10.0(0.39)	5(0.20)	12(0.47)	GH-510.1207.0	
M16x1.5	PG 9	18(0.71)	10.5(0.41)	5(0.20)	16(0.63)	GH-510.1609.0	
M20x1.5	PG 11	22(0.88)	11.0(0.43)	6(0.24)	20(0.79)	GH-510.2011.0	
M20x1.5	PG 13.5	22(0.88)	12.5(0.49)	6(0.24)	20(0.79)	GH-510.2013.0	
M20x1.5	PG 16	24(0.95)	13.5(0.53)	6(0.24)	20(0.79)	GH-510.2016.0	
M25x1.5	PG 21	30(1.18)	15.0(0.59)	7(0.28)	25(0.98)	GH-510.2521.0	
M32x1.5	PG 29	39(1.54)	16.5(0.65)	8(0.32)	32(1.26)	GH-510.3229.0	
M40x1.5	PG 36	50(1.97)	19.5(0.77)	8(0.32)	40(1.57)	GH-510.4036.0	
M50x1.5	PG 42	57(2.24)	22.0(0.87)	9(0.35)	50(1.97)	GH-510.5042.0	
M63x1.5	PG 48	68(2.68)	23.0(0.92)	10(0.39)	63(2.48)	GH-510.6348.0	
		Applications Adaptors with external PG thread to convert to an internal NPT thread. The external PG thread is sealed with O-ring.				Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-780...	
Dimensions mm (inch) - Part Numbers							
Thread (external)	Thread (internal)	O.D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	PG/NPT
PG 11	3/8" NPT	20(0.79)	14(0.56)	6.0(0.24)	18.6(0.73)	PMNF-110.038	
PG 11	1/2" NPT	24(0.95)	16(0.63)	6.0(0.24)	18.6(0.73)	PMNF-110.012	
PG 13.5	1/2" NPT	24(0.95)	18(0.71)	6.5(0.26)	20.4(0.80)	PMNF-135.012	
PG 16	1/2" NPT	24(0.95)	18(0.71)	6.5(0.26)	22.5(0.88)	PMNF-160.012	
PG 21	3/4" NPT	30(1.19)	18(0.71)	7.0(0.28)	28.3(1.11)	PMNF-210.034	
PG 29	1" NPT	39(1.54)	18(0.71)	8.0(0.32)	37.0(1.45)	PMNF-290.100	
PG 36	1-1/4" NPT	50(1.97)	20(0.79)	9.0(0.36)	47.0(1.84)	PMNF-360.114	
PG 42	1-1/2" NPT	57(2.25)	18(0.71)	10(0.39)	54.0(2.11)	PMNF-420.112	

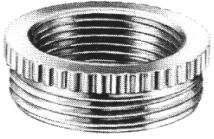
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Enlargements Metric/Metric and PG/PG							
		Applications Adaptors with smaller outside diameter and bigger inside diameter to enlarge the mounting thread. For sealing purposes order O-rings GH-871...				Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-785...	
		Dimensions mm (inch) - Part Numbers					
Thread (external)	Thread (internal)	O. D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	Metric/Metric
M12x1.5	M16x1.5	18(0.71)	10.5(0.41)	5(0.19)	12/16(0.47/0.63)	GH-731.1216.0	
M16x1.5	M20x1.5	22(0.88)	12.5(0.49)	5(0.19)	16/20(0.63/0.79)	GH-731.1620.0	
M20x1.5	M25x1.5	27(1.06)	14.0(0.55)	6(0.24)	20/25(0.79/0.98)	GH-731.2025.0	
M25x1.5	M32x1.5	34(1.34)	15.5(0.61)	7(0.28)	25/32(0.98/1.26)	GH-731.2532.0	
M25x1.5	M40x1.5	42(1.65)	16.5(0.65)	7(0.28)	25/40(0.98/1.57)	GH-731.2540.0	
M32x1.5	M40x1.5	42(1.65)	16.5(0.65)	8(0.32)	32/40(1.26/1.57)	GH-731.3240.0	
M32x1.5	M50x1.5	52(2.05)	19.5(0.77)	8(0.32)	32/50(1.26/1.97)	GH-731.3250.0	
M40x1.5	M50x1.5	52(2.05)	19.5(0.77)	8(0.32)	40/50(1.57/1.97)	GH-731.4050.0	
M50x1.5	M63x1.5	66(2.60)	22.0(0.87)	9(0.35)	50/63(1.97/2.48)	GH-731.5063.0	
		Applications Adaptors with smaller outside diameter and bigger inside diameter to enlarge the mounting thread. For sealing purposes order O-rings GH-871...				Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-780...	
		Dimensions mm (inch) - Part Numbers					
Thread (external)	Thread (internal)	O.D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	PG/PG
PG7	PG9	17(0.67)	10.0(0.39)	5.0(0.20)	07/09(0.49/0.60)	GH-730.0709.0	
PG 9	PG 11	20(0.79)	10.5(0.42)	6.0(0.24)	09/11(0.60/0.73)	GH-730.0911.0	
PG 9	PG 13.5	22(0.87)	11.5(0.46)	6.0(0.24)	09/13(0.60/0.80)	GH-730.0913.0	
PG 11	PG 13.5	22(0.87)	11.5(0.46)	6.0(0.24)	11/13(0.73/0.80)	GH-730.1113.0	
PG 11	PG 16	24(0.95)	12.5(0.50)	6.0(0.24)	11/16(0.73/0.88)	GH-730.1116.0	
PG 13.5	PG 16	24(0.95)	12.5(0.50)	6.5(0.26)	13/16(0.80/0.88)	GH-730.1316.0	
PG 13.5	PG 21	30(1.19)	14.5(0.58)	6.5(0.26)	13/21(0.80/1.11)	GH-730.1321.0	
PG 16	PG 21	30(1.19)	14.5(0.58)	6.5(0.26)	16/21(0.88/1.11)	GH-730.1621.0	
PG 21	PG 29	39(1.54)	16.0(0.63)	7.0(0.28)	21/29(1.11/1.45)	GH-730.2129.0	
PG 29	PG 36	50(1.97)	19.5(0.77)	8.0(0.32)	29/36(1.45/1.84)	GH-730.2936.0	
PG 36	PG 42	57(2.25)	22.0(0.87)	9.0(0.36)	36/42(1.84/2.11)	GH-730.3642.0	
PG 42	PG 48	64(2.53)	23.0(0.91)	10.0(0.39)	42/48(2.11/2.33)	GH-730.4248.0	

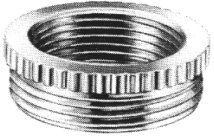
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Reductions Metric/Metric							
		Applications Adaptors with bigger outside diameter and smaller inside diameter to decrease the mounting thread. For sealing purposes order O-rings GH-871...			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-785...		
		Dimensions mm (inch) - Part Numbers					
Thread (external)	Thread (internal)	O. D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	Metric/Metric
M16x1.5	M12x1.5	18(0.71)	2.5(0.10)	5(0.20)	16(0.63)	GH-701.1612.0	
M20x1.5	M12x1.5	22(0.88)	3.0(0.12)	6(0.24)	20(0.79)	GH-701.2012.0	
M20x1.5	M16x1.5	22(0.88)	3.0(0.12)	6(0.24)	20(0.79)	GH-701.2016.0	
M25x1.5	M16x1.5	27(1.06)	3.0(0.12)	7(0.28)	25(0.98)	GH-701.2516.0	
M25x1.5	M20x1.5	27(1.06)	3.0(0.12)	7(0.28)	25(0.98)	GH-701.2520.0	
M32x1.5	M20x1.5	34(1.34)	3.0(0.12)	8(0.32)	32(1.26)	GH-701.3220.0	
M32x1.5	M25x1.5	34(1.34)	3.0(0.12)	8(0.32)	32(1.26)	GH-701.3225.0	
M40x1.5	M25x1.5	43(1.69)	3.5(0.14)	8(0.32)	40(1.57)	GH-701.4025.0	
M40x1.5	M32x1.5	43(1.69)	3.5(0.14)	8(0.32)	40(1.57)	GH-701.4032.0	
M50x1.5	M32x1.5	53(2.09)	3.5(0.14)	9(0.35)	50(1.97)	GH-701.5032.0	
M50x1.5	M40x1.5	53(2.09)	3.5(0.14)	9(0.35)	50(1.97)	GH-701.5040.0	
M63x1.5	M40x1.5	66(2.60)	4.0(0.16)	10(0.39)	63(2.48)	GH-701.6340.0	
M63x1.5	M50x1.5	66(2.60)	4.0(0.16)	10(0.39)	63(2.48)	GH-701.6350.0	

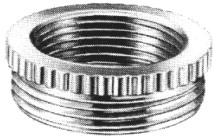
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Reductions Metric/PG and PG/Metric							
		Applications Adaptors with bigger outside diameter and smaller inside diameter to decrease the mounting thread. For sealing purposes order O-rings GH-871...			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-785...		
		Dimensions mm (inch) - Part Numbers					
Thread (external)	Thread (internal)	O. D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	Metric/PG
M16x1.5	PG 7	18(0.71)	2.5(0.10)	5(0.19)	16(0.63)	GH-706.1607.0	
M20x1.5	PG 9	22(0.88)	3.0(0.12)	6(0.24)	20(0.79)	GH-706.2009.0	
M25x1.5	PG 11	27(1.06)	3.0(0.12)	7(0.28)	25(0.98)	GH-706.2511.0	
M25x1.5	PG 13.5	27(1.06)	3.0(0.12)	7(0.28)	25(0.98)	GH-706.2513.0	
M25x1.5	PG 16	27(1.06)	3.0(0.12)	7(0.28)	25(0.98)	GH-706.2516.0	
M32x1.5	PG 16	34(1.34)	3.0(0.12)	8(0.32)	32(1.26)	GH-706.3216.0	
M32x1.5	PG 21	34(1.34)	3.0(0.12)	8(0.32)	32(1.26)	GH-706.3221.0	
M40x1.5	PG 21	43(1.69)	3.5(0.14)	8(0.32)	40(1.57)	GH-706.4021.0	
M50x1.5	PG 29	53(2.09)	3.5(0.14)	9(0.35)	50(1.97)	GH-706.5029.0	
M63x1.5	PG 36	66(2.60)	4.0(0.16)	10(0.39)	63(2.48)	GH-706.6336.0	
M63x1.5	PG 42	66(2.60)	4.0(0.16)	10(0.39)	63(2.48)	GH-706.6342.0	
Dimensions mm (inch) - Part Numbers							
Thread (external)	Thread (internal)	O. D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	PG/Metric
PG 16	M20x1.5	24(0.95)	3.0(0.12)	6.5(0.26)	PG 16(0.88)	GH-705.1620.0	
PG 21	M20x1.5	30(1.19)	3.0(0.12)	7.0(0.28)	PG 21(1.11)	GH-705.2120.0	
PG 21	M25x1.5	30(1.19)	3.0(0.12)	7.0(0.28)	PG 21(1.11)	GH-705.2125.0	
PG 29	M25x1.5	39(1.54)	3.5(0.14)	8.0(0.32)	PG 29(1.45)	GH-705.2925.0	


Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Reductions PG to PG							
		Applications Adaptors with bigger outside diameter and smaller inside diameter to decrease the mounting thread. For sealing purposes order O-rings GH-871...			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-780...		
		Dimensions mm (inch) - Part Numbers					
Thread (external)	Thread (internal)	O. D. (body)	Heights (w/o thread)	Thread length (ext.)	Thread diameter (ext.)	Part Number	PG/PG
PG 9	PG 7	17(0.67)	2.5(0.10)	6.0(0.24)	PG 9(0.49)	GH-700.0907.0	
PG 11	PG 7	20(0.79)	2.5(0.10)	6.0(0.24)	PG 11(0.73)	GH-700.1107.0	
PG 11	PG 9	20(0.79)	2.5(0.10)	6.0(0.24)	PG 11(0.73)	GH-700.1109.0	
PG 13.5	PG 7	22(0.87)	3.5(0.14)	6.5(0.26)	PG 13.5(0.80)	GH-700.1307.0	
PG 13.5	PG 9	22(0.87)	3.5(0.14)	6.5(0.26)	PG 13.5(0.80)	GH-700.1309.0	
PG 13.5	PG 11	22(0.87)	3.5(0.14)	6.5(0.26)	PG 13.5(0.80)	GH-700.1311.0	
PG 16	PG 7	24(0.95)	3.0(0.12)	6.5(0.26)	PG 16(0.88)	GH-700.1607.0	
PG 16	PG 9	24(0.95)	3.0(0.12)	6.5(0.26)	PG 16(0.88)	GH-700.1609.0	
PG 16	PG 11	24(0.95)	3.0(0.12)	6.5(0.26)	PG 16(0.88)	GH-700.1611.0	
PG 16	PG 13.5	24(0.95)	3.0(0.12)	6.5(0.26)	PG 16(0.88)	GH-700.1613.0	
PG 21	PG 11	30(1.19)	3.0(0.12)	7.0(0.28)	PG 21(1.11)	GH-700.2111.0	
PG 21	PG 13.5	30(1.19)	3.0(0.12)	7.0(0.28)	PG 21(1.11)	GH-700.2113.0	
PG 21	PG 16	30(1.19)	3.0(0.12)	7.0(0.28)	PG 21(1.11)	GH-700.2116.0	
PG 29	PG 16	39(1.54)	3.5(0.14)	8.0(0.32)	PG 29(1.45)	GH-700.2916.0	
PG 29	PG 21	39(1.54)	3.5(0.14)	8.0(0.32)	PG 29(1.45)	GH-700.2921.0	
PG 36	PG 21	50(1.97)	3.5(0.14)	9.0(0.36)	PG 36(1.84)	GH-700.3621.0	
PG 36	PG 29	50(1.97)	3.5(0.14)	9.0(0.36)	PG 36(1.84)	GH-700.3629.0	
PG 42	PG 29	57(2.25)	4.0(0.16)	10(0.39)	PG 42(2.11)	GH-700.4229.0	
PG 42	PG 36	57(2.25)	4.0(0.16)	10(0.39)	PG 42(2.11)	GH-700.4236.0	
PG 48	PG 36	64(2.53)	4.0(0.16)	10(0.39)	PG 48(2.33)	GH-700.4836.0	
PG 48	PG 42	64(2.53)	4.0(0.16)	10(0.39)	PG 48(2.33)	GH-700.4842.0	


Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Plugs Metric - Plugs PG						
		Applications Plugs with external metric/PG thread to prevent contaminants from entering into enclosures. The best way to keep open threaded holes completely closed. For sealing purposes order O-rings GH-871...			Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Protection: IP68 (if sealed with O-ring) Resistant to oil, water, ageing. Hex Nuts: Series GH-785/780...	
Dimensions mm (inch) - Part Numbers						
Thread mm-size	Thread O.D.	O. D. Top	Heights (w/o thread)	Thread length (ext.)	Part Number	Metric
M12x1.5	12(0.47)	14(0.55)	2.5(0.10)	5(0.19)	GH-755.1200.0	
M16x1.5	16(0.63)	18(0.71)	3.0(0.12)	5(0.19)	GH-755.1600.0	
M20x1.5	20(0.79)	22(0.88)	3.5(0.14)	6(0.24)	GH-755.2000.0	
M25x1.5	25(0.98)	28(1.10)	4.0(0.16)	7(0.28)	GH-755.2500.0	
M32x1.5	32(1.26)	35(1.38)	4.0(0.16)	8(0.32)	GH-755.2100.0	
M40x1.5	40(1.57)	43(1.69)	5.0(0.19)	8(0.32)	GH-755.4000.0	
M50x1.5	50(1.97)	53(2.09)	6.0(0.24)	9(0.35)	GH-755.5000.0	
M63x1.5	63(2.48)	66(2.60)	6.0(0.24)	10(0.39)	GH-755.6300.0	
Dimensions mm (inch) - Part Numbers						
Thread PG-size	Thread O.D.	O. D. Top	Heights (w/o thread)	Thread length (ext.)	Part Number	PG
PG 7	12.5(0.49)	14(0.55)	3.0(0.12)	5.0(0.19)	GH-750.0700.0	
PG 9	15.2(0.60)	17(0.67)	3.0(0.12)	6.0(0.24)	GH-750.0900.0	
PG 11	18.6(0.73)	20(0.79)	3.0(0.12)	6.0(0.24)	GH-750.1100.0	
PG 13.5	20.4(0.80)	22(0.87)	3.0(0.12)	6.5(0.26)	GH-750.1300.0	
PG 16	22.5(0.88)	24(0.95)	3.0(0.12)	6.5(0.26)	GH-750.1600.0	
PG 21	28.3(1.11)	30(1.19)	4.0(0.16)	7.0(0.28)	GH-750.2100.0	
PG 29	37.0(1.45)	39(1.54)	4.0(0.16)	8.0(0.32)	GH-750.2900.0	
PG 36	47.0(1.84)	50(1.97)	6.0(0.24)	9.0(0.35)	GH-750.3600.0	
PG 42	54.0(2.11)	57(2.25)	6.0(0.24)	10(0.39)	GH-750.4200.0	
PG 48	59.3(2.33)	64(2.53)	6.0(0.24)	10(0.39)	GH-750.4800.0	


Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - NUTS - Accessories - Info

Lock Nuts Metric							
	Applications Hex Nuts metric for all our Adaptors, Plugs or Strain Reliefs. Flat version for normal fastening, or cutting edge version for contacting the metal. (equipotential bonding)					Features Material: brass, nickel plated Temp: -20C to +100C (-4F to 212F) Resistant to oil, water, ageing.	
	Dimensions mm (inch) - Part Numbers						
Thread mm-size	Width across flats	O.D. Hex	Thickness			Part Number	normal flat
M12x1.5	15(0.59)	16.6(0.65)	2.8(0.11)			GH-785.1200.0	
M16x1.5	19(0.75)	21.0(0.83)	2.8(0.11)			GH-785.1600.0	
M20x1.5	24(0.95)	26.7(1.05)	3.0(0.12)			GH-785.2000.0	
M25x1.5	29(1.45)	32.0(1.26)	3.5(0.14)			GH-785.2500.0	
M32x1.5	36(1.84)	39.0(1.54)	4.0(0.16)			GH-785.3200.0	
M40x1.5	46(1.81)	50.0(1.97)	4.5(0.18)			GH-785.4000.0	
M50x1.5	57(2.24)	61.0(2.40)	5.0(0.20)			GH-785.5000.0	
M63x1.5	70(2.76)	78.0(3.07)	6.0(0.24)			GH-785.6300.0	
Dimensions mm (inch) - Part Numbers							
Thread mm-size	Width across flats	O. D. Hex	Thickness			Part Number	cutting edge
M12x1.5	15(0.59)	16.6(0.65)	4.7(0.19)			GH-786.1200.0	
M16x1.5	19(0.75)	21.0(0.83)	4.7(0.19)			GH-786.1600.0	
M20x1.5	24(0.95)	26.7(1.05)	4.7(0.19)			GH-786.2000.0	
M25x1.5	29(1.45)	32.0(1.26)	5.2(0.21)			GH-786.2500.0	
M32x1.5	36(1.84)	39.0(1.54)	5.7(0.22)			GH-786.3200.0	
M40x1.5	46(1.81)	50.0(1.97)	6.5(0.26)			GH-786.4000.0	
M50x1.5	57(2.24)	61.0(2.40)	7.0(0.28)			GH-786.5000.0	
M63x1.5	70(2.76)	78.0(3.07)	7.0(0.28)			GH-786.6300.0	


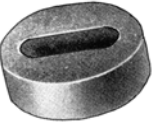
Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Lock Nuts PG							
		Applications Hex Nuts PG for all our Adaptors, Plugs or Strain Reliefs. Flat version for normal fastening, or cutting edge version for contacting the metal. (equipotential bonding)			Features Material: brass, nickel/stainless steel Temp: -20C to +100C (-4F to 212F) Resistant to oil, water, ageing. Material: stainless steel		
		Dimensions mm (inch) - Part Numbers					
Thread PG-size	Width across flats	O. D. Hex	Thickness			Part Number	normal flat
PG 7	15(0.59)	16.6(0.65)	2.8(0.11)			GH-780.0700.0	
PG 9	18(0.71)	20.0(0.79)	2.8(0.11)			GH-780.0900.0	
PG 11	21(0.83)	23.5(0.93)	3.0(0.12)			GH-780.1100.0	
PG 13.5	23(0.91)	25.5(1.01)	3.0(0.12)			GH-780.1300.0	
PG 16	26(1.05)	29.0(1.14)	3.0(0.12)			GH-780.1600.0	
PG 21	32(1.26)	35.5(1.40)	3.5(0.14)			GH-780.2100.0	
PG 29	41(1.61)	45.0(1.57)	4.0(0.16)			GH-780.2900.0	
PG 36	51(2.00)	56.0(2.21)	5.0(0.20)			GH-780.3600.0	
PG 42	60(2.36)	65.0(2.56)	5.0(0.20)			GH-780.4200.0	
PG 48	64(2.52)	69.0(2.72)	5.5(0.22)			GH-780.4800.0	
Dimensions mm (inch) - Part Numbers							
Thread PG-size	Width across flats	O. D. Hex	Thickness			Part Number	cutting edge
PG 7	15(0.59)	16.6(0.65)	4.7(0.19)			GH-784.0700.0	
PG 9	18(0.71)	20.0(0.79)	4.7(0.19)			GH-784.0900.0	
PG 11	21(0.83)	23.5(0.93)	4.7(0.19)			GH-784.1100.0	
PG 13.5	23(0.91)	25.5(1.01)	4.7(0.19)			GH-784.1300.0	
PG 16	26(1.05)	29.0(1.14)	4.7(0.19)			GH-784.1600.0	
PG 21	32(1.26)	35.5(1.40)	5.2(0.21)			GH-784.2100.0	
PG 29	41(1.61)	45.0(1.57)	5.7(0.22)			GH-784.2900.0	
PG 36	51(2.00)	56.0(2.21)	6.5(0.26)			GH-784.3600.0	
Dimensions mm (inch) - Part Numbers							
Thread PG-size	Width across flats	O. D. Hex	Thickness			Part Number	normal flat stainless steel
PG 7	15(0.59)	16.6(0.65)	3.0(0.12)			GH-788.0700.0	
PG 9	19(0.75)	20.0(0.79)	3.0(0.12)			GH-788.0900.0	
PG 11	22(0.87)	23.5(0.93)	3.0(0.12)			GH-788.1100.0	
PG 13.5	24(0.95)	25.5(1.01)	3.0(0.12)			GH-788.1300.0	
PG 16	24(0.95)	29.0(1.14)	3.0(0.12)			GH-788.1600.0	
PG 21	32(1.26)	35.5(1.40)	3.5(0.14)			GH-788.2100.0	


Strain Reliefs and Accessories

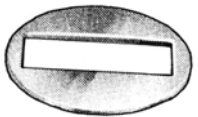
Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Universal Packing Rings								
		Applications These Universal Packing Rings can be individually adapted to various cable diameters by removing the inner parts to reach the appropriate size. To use with our series GH-010, GH-110				Features Material: Rubber (NR) Temp: -30C to +80C (-22F to 176F) Resistant to oil, water, ageing.		
Dimensions mm (inch) - Part Numbers								
Thread PG/mm	Outer diameter	Inner diameter	Diameter notch 1	Diameter notch 2	Diameter notch 3	Part Number	Metric	
M16x1.5	13.8(0.54)	3.0(0.12)	5.5(0.22)	9(0.35)	-	GH-803.1600.0		
M20x1.5	17.7(0.70)	4.0(0.16)	6(0.24)	8(0.32)	10(0.39)	GH-803.2000.0		
M20x1.5	17.7(0.70)	4.0(0.16)	7(0.28)	10(0.39)	13(0.51)	GH-803.2000.1		
M20x1.5	17.7(0.70)	7.0(0.28)	9(0.35)	11(0.43)	13(0.51)	GH-803.2000.2		
M25x1.5	22.5(0.89)	8.5(0.34)	11(0.43)	14(0.55)	17(0.67)	GH-803.2500.0		
M32x1.5	29.5(1.16)	16(0.63)	19(0.75)	21(0.83)	24(0.95)	GH-803.3200.0		
M40x1.5	37.5(1.48)	23(0.91)	26(1.02)	29(1.14)	32(1.26)	GH-803.4000.0		
M50x1.5	47.5(1.87)	32(1.26)	35(1.38)	38(1.50)	41(1.61)	GH-803.5000.0		
M63x1.5	60.3(2.37)	41(1.61)	44(1.73)	47(1.85)	50(1.97)	GH-803.6300.0		
PG 9	13.3(0.52)	5.0(0.20)	7.5(0.30)	10.0(0.39)	-	GH-806.0900.0		PG
PG 11	16.5(0.65)	7.5(0.30)	10(0.39)	12.5(0.49)	-	GH-806.1100.0		
PG 13.5	18.3(0.72)	7.5(0.30)	10(0.39)	12.5(0.49)	-	GH-806.1300.0		
PG 16	20.4(0.80)	7.5(0.30)	10(0.39)	12.5(0.49)	15(0.59)	GH-806.1600.0		
PG 21	25.9(1.02)	10(0.39)	13(0.51)	16(0.63)	19(0.75)	GH-806.2100.0		
PG 29	34.7(1.37)	18(0.71)	21(0.83)	24(0.95)	27(1.06)	GH-806.2900.0		
PG 36	44.7(1.76)	24(0.95)	27(1.06)	30(1.18)	33(1.30)	GH-806.3600.0		
PG 42	51.7(2.04)	30(1.18)	33(1.30)	36(1.42)	39(1.54)	GH-806.4200.0		
PG 48	56.9(2.24)	36(1.42)	39(1.54)	42(1.65)	45(1.77)	GH-806.4800.0		
		Applications These Universal Packing Rings for flat cables. To use with our series GH-010, GH-110				Features Material: Rubber (NR) Temp: -30C to +80C (-22F to 176F) Resistant to oil, water, ageing.		
Dimensions mm (inch) - Part Numbers								
Thread PG-size	Outer diameter	Cable thickness	Cable thickness	Cable breadth	Cable breadth	Part Number	PG	
PG 16	20.5(0.81)	from 1(0.04)	to 5(0.20)	from 8(0.32)	to 16(0.63)	GH-805.1600.0		
PG 21	25(0.98)	from 3(0.12)	to 8(0.32)	from 9(0.35)	to 21(0.83)	GH-805.2100.0		
PG 29	34(1.37)	from 4(0.16)	to 11.5(0.45)	from 14(0.55)	to 30(1.18)	GH-805.2900.0		
PG 36	44(1.76)	from 4(0.16)	to 11.5(0.45)	from 24(0.95)	to 40(1.59)	GH-805.3600.0		
PG 42	51(2.04)	from 5(0.20)	to 12(0.47)	from 29(1.14)	to 45(1.77)	GH-805.4200.0		
PG 48	56(2.22)	from 5(0.20)	to 12(0.47)	from 34(1.34)	to 50(1.97)	GH-805.4800.0		

Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

Seal Rings - Pressing Discs							
		Applications Provide an external seal between the adaptors, reducers, enlargers, cord grips, strain reliefs etc... and the enclosure wall.			Features Material: Perbunan (NBR) Temp: -30C to +120C (-22F to 248F) Resistant to oil, water, ageing.		
		Dimensions mm (inch) - Part Numbers					
Outer diameter	Inner diameter	Ring thickness	Usable for	Usable for	Usable for	Part Number	Metric/PG/NPT
13(0.51)	10(0.39)	1.5(0.06)	M 12	PG 7	1/4" NPT	GH-871.0700.0	
16(0.63)	13(0.51)	1.5(0.06)	M 16	PG 9	3/8" NPT	GH-871.0900.0	
19(0.75)	16(0.63)	1.5(0.06)	M 20	PG 11	-	GH-871.1100.0	
21(0.83)	18(0.71)	1.5(0.06)	-	PG 13.5	1/2" NPT	GH-871.1300.0	
23(0.91)	20(0.79)	1.5(0.06)	-	PG 16	5/8" NPT	GH-871.1600.0	
26(1.02)	22(0.87)	2.0(0.08)	M 25	-	1" NPT	GH-871.2515.0	
29(1.14)	25(0.98)	2.0(0.08)	-	PG 21	-	GH-871.2100.0	
33(1.30)	29(1.14)	2.0(0.08)	M 32	-	-	GH-871.3215.0	
37(1.46)	33(1.30)	2.0(0.08)	-	PG 29	1 1/8" NPT	GH-871.2900.0	
41(1.61)	37(1.45)	2.0(0.08)	M 40	-	-	GH-871.4015.0	
47(1.85)	43(1.69)	2.0(0.08)	-	PG 36	1 1/2" NPT	GH-871.3600.0	
51(2.04)	47(1.84)	2.0(0.08)	M 50	-	-	GH-871.5015.0	
54(2.13)	50(1.97)	2.0(0.08)	-	PG 42	1 3/4" NPT	GH-871.4200.0	
59(2.32)	55(2.17)	2.0(0.08)	-	PG 48	2" NPT	GH-871.4800.0	
64(2.52)	60(2.36)	2.0(0.08)	M 63	-	-	GH-871.6315.0	

		Applications Pressing discs for flat cable entry. You will need two discs together with one Universal Packing Ring for flat cables in order to seal the flat cable. (See G-14-01)			Features Material: Brass, nickel plated Temp: -20C to +100C (-4F to 212F) Resistant to oil, water, ageing.		
		Dimensions mm (inch) - Part Numbers					
For Strain Relief GH-010/110..	Outer diameter	Disc thickness				Part Number	PG
PG 16	20.5(0.81)	1.0(0.04)				GH-825.1600.0	
PG 21	26(1.02)	1.0(0.04)				GH-825.2100.0	
PG 29	35(1.38)	1.0(0.04)				GH-825.2900.0	
PG 36	45(1.77)	1.5(0.06)				GH-825.3600.0	
PG 42	52(2.05)	2.0(0.08)				GH-825.4200.0	
PG 48	57(2.24)	2.0(0.08)				GH-825.4800.0	



Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

IP - NEMA - Resistance - Temperature

Temperature Conversion Formula

Degrees Fahrenheit: $9/5$ of Celsius + 32 = F°

Degrees Celsius: $5/9$ of (F-32) = C°

IP - NEMA Protection

IP 54	= NEMA	1	2		3R			5		12	13	
IP 65	= NEMA	1	2	3	3R			5		12	13	
IP 67	= NEMA	1	2	3	3R	4	4x	5	6	12	13	
IP 68	= NEMA	1	2	3	3R	4	4x	5	6	12	13	

Chemical Resistance (very good)

Brass, nickel plated	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Neoprene									9			12		
Perbunane								8			11			14
Polythylene					5				9	10				
PVC			3											14
Rubber			3		5		7			10				
Stainless Steel	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Please note that this table can only be used as a guideline. For exact information please contact our service department.

1 Fuel oil	8 Hydraulic oil
2 Acetone	9 Isopropyl alcohol
3 Ammonia	10 Methyl alcohol
4 Benzene	11 Mineral oil
5 Brake fluid	12 Mineral spirit
6 Chlorine water	13 Turpentine
7 Gasoline	14 Vegetable oil

Strain Reliefs and Accessories

Standard - High Performance - Adaptors - Plugs - Nuts - Accessories - Info

What does "PG" mean ?

The abbreviation "PG" stands for Stahl Panzerrohr-Gewinde.

The american translation would be "Steel Conduit Thread".

PG-Threads are standardized in Germany per DIN 40430 as shown in the drawing...

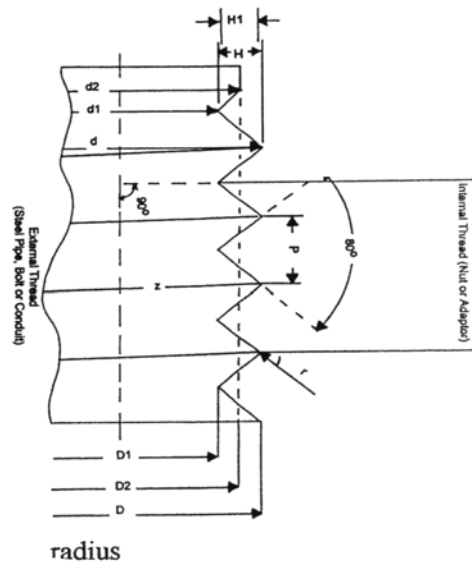
Formula:

$$P = \frac{25.4}{Z}$$

$$r = 0.107P$$

$$H = 0.595875P$$

$$H1 = 0.8H = 0.4767P$$



Nominal Dimensions (in millimeters)

PG Thread	Outside diameter d-D	Pitch diameter d2-D2	Inside diameter d1-D1	Pitch P	Threads per in. Z	Depth of Threads H1	Radius r
PG 7	12.5	11.89	11.28	1.27	20	0.61	0.14
PG 9	15.2	14.53	13.86	1.41	18	0.67	0.15
PG 11	18.6	17.93	17.26	1.41	18	0.67	0.15
PG 13.5	20.4	19.73	19.06	1.41	18	0.67	0.15
PG 16	22.5	21.83	21.16	1.41	18	0.67	0.15
PG 21	28.3	27.54	26.78	1.588	16	0.76	0.17
PG 29	37	36.24	35.48	1.588	16	0.76	0.17
PG 36	47	46.24	45.48	1.588	16	0.76	0.17
PG 42	54	53.24	52.48	1.588	16	0.76	0.17
PG 48	59.3	58.54	57.78	1.588	16	0.76	0.17