

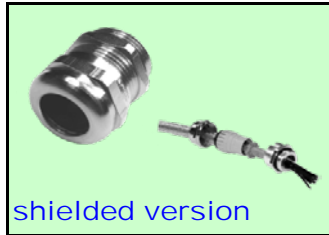


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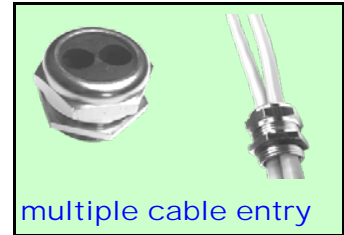
non shielded

PG size F-B-01
 Metric F-B-02
 Stainless F-B-03



shielded version

PG size F-B-01
 Metric F-B-02



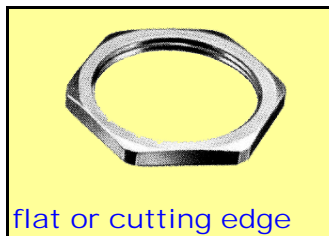
multiple cable entry

Metric F-B-03



flat or cutting edge

PG size F-B-04



flat or cutting edge

Metric F-B-05
 Stainless F-B-05



adaptors

Metric/PG F-B-06



adaptors

PG/NPT F-B-06



enlargers

Metr/Metr F-B-07
 PG/PG F-B-07



reducers

PG/PG F-B-08
 PG/Metric F-B-08



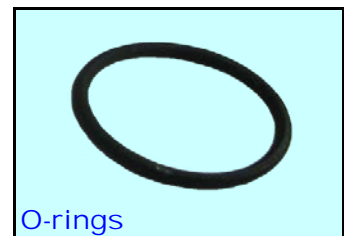
reducers

Metr/Metr F-B-09
 Metric/PG F-B-09



caps (with O-ring)

PG size F-B-10
 Metric F-B-11



O-rings


Metric F-B-12
 NPT F-B-12
 PG size F-B-12

Strain Reliefs and Accessories

High Performance Cable Glands




High Performance Strain Reliefs

	<p>Applications</p> <p>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.</p>	<p>Features</p> <p>Material: brass, nickel plated Temp: -30C to +120C (-22F to 248F) Protection: IP68 watertight (5 bar) Resistant to oil, water, ageing. Hex Nuts: Series GH-780/784...</p>
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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)	3-6.5(0.12-0.26)	GH-351.0700.0	
PG 9	15.2(0.60)	17 mm	6.0(0.24)	28.0(1.10)	5.5-10(0.22-0.39)	GH-351.0900.0	
PG 11	18.6(0.73)	20 mm	6.0(0.24)	28.0(1.10)	5.5-10(0.22-0.39)	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)	19-27(0.75-0.98)	GH-351.2900.0	
PG 36	47.0(1.84)	50 mm	9.0(0.35)	50.0(1.97)	26-35(1.02-1.38)	GH-351.3600.0	
PG 42	54.0(2.11)	57 mm	10.0(0.39)	50.0(1.97)	26-35(1.02-1.38)	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	

	<p>Applications</p> <p>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.</p>	<p>Features</p> <p>Material: brass, nickel plated Temp: -30C to +120C (-22F to 248F) Protection: IP68 watertight (5 bar) Resistant to oil, water, ageing. Hex Nuts: Series GH-780/784...</p>
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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)	3-6.5(0.12-0.26)	GH-353.0700.0	For Shielded Cables
PG 9	15.2(0.60)	17 mm	6.0(0.24)	28.0(1.10)	5.5-10(0.22-0.39)	GH-353.0900.0	
PG 11	18.6(0.73)	20 mm	6.0(0.24)	28.0(1.10)	5.5-10(0.22-0.39)	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

High Performance Cable Glands




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: -30C to +120C (-22F to 248F) Protection: IP68 watertight (5 bar) Resistant to oil, water, ageing. Hex Nuts: Series GH-785/786...
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Dimensions mm (inch) - Part Numbers

Thread	Thread	Width	Thread	Approx.	Cable entry	Part	Metric sizes
mm-size	O.D.	across flats	length	total length	Cable dia.	Number	
M12x1.5	12(0.47)	14 mm	5.0(0.19)	25.0(0.98)	3-6.5(0.12-0.26)	GH-356.1200.0	
M16x1.5	16(0.63)	17 mm	5.5(0.22)	28.0(1.10)	5.5-10(0.22-0.39)	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)	19-27(0.75-0.98)	GH-356.4000.0	
M50x1.5	50(1.97)	55 mm	9.0(0.35)	50.0(1.97)	26-35(1.02-1.38)	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: -30C to +120C (-22F to 248F) Protection: IP68 watertight (5 bar) Resistant to oil, water, ageing. Hex Nuts: Series GH-785/786...
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Dimensions mm (inch) - Part Numbers

Thread	Thread	Width	Thread	Approx.	Cable entry	Part	Metric sizes
mm-size	O.D.	across flats	length	total length	Cable dia.	Number	
M12x1.5	12(0.47)	14 mm	5.0(0.19)	25.0(0.98)	03-6.5(0.12-0.26)	GH-357.1200.0	For Shielded Cables 
M16x1.5	16(0.63)	17 mm	5.5(0.22)	28.0(1.10)	5.5-10(0.22-0.39)	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)	19-27(0.75-0.98)	GH-357.4000.0	
M50x1.5	50(1.97)	55 mm	9.0(0.35)	50.0(1.97)	26-35(1.02-1.38)	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

High Performance Cable Glands



High Performance Strain Reliefs

	<p>Applications</p> <p>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.</p>	<p>Features</p> <p>Material: stainless steel Temp: -40C to +120C (-40F to 248F) Protection: IP68 watertight (5 bar) Resistant to oil, water, ageing. Hex Nuts: Series GH-789...</p>
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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)	05-07(0.19-0.28)	GH-387.1200.1	Stainless Steel
M16x1.5	16(0.63)	17 mm	5.5(0.22)	28.0(1.10)	05-10(0.19-0.39)	GH-387.1600.0	
M20x1.5	20(0.79)	22 mm	6.0(0.24)	28.0(1.10)	09-14(0.35-0.55)	GH-387.2000.0	
M25x1.5	25(0.98)	30 mm	7.0(0.28)	30.0(1.18)	13-19(0.51-0.75)	GH-387.2500.0	
M32x1.5	32(1.26)	34 mm	8.0(0.32)	36.0(1.42)	15-22(0.59-0.87)	GH-387.3200.0	
M40x1.5	40(1.57)	44 mm	8.0(0.32)	40.0(1.57)	22-28(0.86-1.10)	GH-387.4000.0	

	<p>Applications</p> <p>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.</p>	<p>Features</p> <p>Material: brass, nickel plated Temp: -40C to +120C (-40F to 248F) Protection: IP68 watertight (5 bar) Resistant to oil, water, ageing. Hex Nuts: Series GH-785/786...</p>
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Dimensions mm (inch) - Part Numbers

Thread mm-size	Width across flats	Thread length	Quantities of holes with diameters in mm and (inches)	Part Number	Metric sizes
M16x1.5	17 mm	5.5 mm (.21)	2 holes with 4 mm (.16)	GH-366.1604.2	Multiple Cable Entries
M16x1.5	17 mm	5.5 mm (.21)	2 holes with 4.5 mm (.18)	GH-366.1605.2	
M16x1.5	17 mm	5.5 mm (.21)	3 holes with 4 mm (.16)	GH-366.1604.3	
M20x1.5	22 mm	6 mm (.24)	2 holes with 6 mm (.24)	GH-366.2006.2	
M20x1.5	22 mm	6 mm (.24)	2 holes with 4 mm (.16)	GH-366.2004.2	
M20x1.5	22 mm	6 mm (.24)	3 holes with 5 mm (.20)	GH-366.2005.3	
M25x1.5	30 mm	7 mm (.28)	2 holes with 7 mm (.28)	GH-366.2507.2	
M25x1.5	30 mm	7 mm (.28)	2 holes with 8 mm (.32)	GH-366.2508.2	
M25x1.5	30 mm	7 mm (.28)	2 holes with 9 mm (.36)	GH-366.2509.2	
M25x1.5	30 mm	7 mm (.28)	3 holes with 7 mm (.28)	GH-366.2507.3	
M25x1.5	30 mm	7 mm (.28)	3 holes with 8 mm (.32)	GH-366.2508.3	
M25x1.5	30 mm	7 mm (.28)	4 holes with 7 mm (.28)	GH-366.2507.4	
M25x1.5	30 mm	7 mm (.28)	8 holes with 1.5 mm (.06)	GH-366.2501.8	
M25x1.5	30 mm	7 mm (.28)	2 holes 1 x 5 mm (.20) and 1 x 12 mm (.47)	GH-366.2512.2	
M40x1.5	66 mm	8 mm (.32)	2 holes 1 x 7 mm (.28) and 1 x 14 mm (.55)	GH-366.4014.2	
M40x1.5	66 mm	8 mm (.32)	2 holes 1 x 10 mm (.40) and 1 x 15.6 mm (.61)	GH-366.4016.2	




Strain Reliefs and Accessories

Nuts for Adaptors, Cable Glands and Plugs



Lock Nuts PG

	Applications Hex Nuts PG for all Adaptors, Plugs or Cable Glands Flat version for normal fastening, or cutting edge version for contacting the metal. (equipotential bonding)	Features Temp: -20C to +100C (-4F to 212F) Resistant to oil, water, ageing. Material: brass, nickel plated
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Dimensions mm (inch) - Part Numbers

Thread PG-size	Width across flats	O.D. Hex	Thickness			Part Number	PG Sizes 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	PG Sizes Normal Flat with cutting edge
PG 7	15(0.59)	16.6(0.65)	4.2(0.17)			GH-784.0700.0	
PG 9	18(0.71)	20.0(0.79)	4.2(0.17)			GH-784.0900.0	
PG 11	21(0.83)	23.5(0.93)	4.2(0.17)			GH-784.1100.0	
PG 13.5	23(0.91)	25.5(1.01)	4.2(0.17)			GH-784.1300.0	
PG 16	26(1.05)	29.0(1.14)	4.2(0.17)			GH-784.1600.0	
PG 21	32(1.26)	35.5(1.40)	4.8(0.19)			GH-784.2100.0	
PG 29	41(1.61)	45.0(1.57)	5.4(0.21)			GH-784.2900.0	
PG 36	51(2.00)	56.0(2.21)	6.5(0.26)			GH-784.3600.0	

Strain Reliefs and Accessories

Nuts for Adaptors, Cable Glands and Plugs



Lock Nuts Metric		
	Applications Hex Nuts Metric for all Adaptors, Plugs or Cable Glands Flat version for normal fastening, or cutting edge version for contacting the metal. (equipotential bonding)	Features Temp: -20C to +100C (-4F to 212F) Resistant to oil, water, ageing. Material: brass, nickel plated Material: stainless steel

Dimensions mm (inch) - Part Numbers

Thread mm-size	Width across flats	O.D. Hex	Thickness		Part Number	Metric Sizes
						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	Metric Sizes
						Normal Flat
M12x1.5	15(0.59)	16.6(0.65)	4.1(0.16)		GH-786.1200.0	with cutting edge
M16x1.5	19(0.75)	21.0(0.83)	4.2(0.17)		GH-786.1600.0	
M20x1.5	24(0.95)	26.7(1.05)	4.2(0.17)		GH-786.2000.0	
M25x1.5	30(1.18)	32.0(1.26)	4.8(0.19)		GH-786.2500.0	
M32x1.5	36(1.42)	39.0(1.54)	5.4(0.21)		GH-786.3200.0	
M40x1.5	46(1.81)	50.0(1.97)	6.2(0.24)		GH-786.4000.0	
M50x1.5	60(3.36)	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	

Dimensions mm (inch) - Part Numbers


Thread mm-size	Width across flats	O. D. Hex	Thickness		Part Number	Metric Sizes
						Normal Flat
M12x1.5	15(0.59)	16.6(0.65)	3.0(0.12)		GH-789.1200.0	stainless steel
M16x1.5	19(0.75)	21.0(0.83)	3.0(0.12)		GH-789.1600.0	
M20x1.5	24(0.95)	26.7(1.05)	3.5(0.14)		GH-789.2000.0	
M25x1.5	30(1.18)	32.0(1.26)	3.5(0.14)		GH-789.2500.0	
M32x1.5	36(1.42)	39.0(1.54)	4.0(0.16)		GH-789.3200.0	
M40x1.5	46(1.81)	50.0(1.97)	4.5(0.18)		GH-789.4000.0	

Strain Reliefs and Accessories

Adaptors




Adaptors Metric / PG 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-785/786...
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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 Resistant to oil, water, ageing. Hex Nuts: Series GH-780/784...
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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

Enlargers




Enlargements Metric/Metric

	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-785/786...
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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	

Enlargements 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-780/784...
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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

Reducers



Reductions PG to 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-780/784...

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	

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 09	M16x1.5	20(0.79)	9.0(0.35)	6.0(0.24)	PG09(0.49)	GH-705.0916.0	
PG 11	M20x1.5	22(0.87)	10.0(0.39)	6.0(0.24)	PG11(0.73)	GH-705.1120.0	
PG 13.5	M20x1.5	24(0.95)	10.0(0.39)	6.5(0.26)	PG13.5(0.80)	GH-705.1320.0	
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

Reducer



Reductions Metric/Metric - Metric/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-785/786...
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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	

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	

Strain Reliefs and Accessories

Plugs



Plugs PG Sizes

	Applications Plugs with external PG thread to prevent contaminants from entering into enclosures. The best way to keep open threaded holes completely closed.	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...
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Dimensions mm (inch) - Part Numbers

Thread PG-size	Thread O.D.	O. D. Top	Heights (w/o thread)	Thread length (ext.)	Part Number	w/o O-ring
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	

Dimensions mm (inch) - Part Numbers


Thread PG-size	Thread O.D.	O. D. Top	Heights (w/o thread)	Thread length (ext.)	Part Number	with O-ring
PG 7	12.5(0.49)	15(0.59)	2.5(0.10)	5.0(0.19)	GH-752.0700.0	
PG 9	15.2(0.60)	18(0.71)	3.0(0.12)	5.0(0.19)	GH-752.0900.0	
PG 11	18.6(0.73)	22(0.87)	3.0(0.12)	5.0(0.19)	GH-752.1100.0	
PG 13.5	20.4(0.80)	24(0.95)	3.0(0.12)	6.0(0.24)	GH-752.1300.0	
PG 16	22.5(0.88)	26(1.02)	3.0(0.12)	6.0(0.24)	GH-752.1600.0	
PG 21	28.3(1.11)	32(1.26)	4.0(0.16)	6.0(0.24)	GH-752.2100.0	
PG 29	37.0(1.45)	40(1.58)	4.0(0.16)	8.0(0.32)	GH-752.2900.0	

Strain Reliefs and Accessories

Plugs



Plugs Metric Sizes

	Applications Plugs with external Metric thread to prevent contaminants from entering into enclosures. The best way to keep open threaded holes completely closed.	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...
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Dimensions mm (inch) - Part Numbers

Thread mm-size	Thread O.D.	O. D. Top	Heights (w/o thread)	Thread length (ext.)	Part Number	w/o O-ring
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-755.3200.0	
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 mm-size	Thread O.D.	O. D. Top	Heights (w/o thread)	Thread length (ext.)	Part Number	with O-ring
M12x1.5	12(0.47)	14(0.55)	2.5(0.10)	5(0.19)	GH-758.1200.0	
M16x1.5	16(0.63)	18(0.71)	3.0(0.12)	5(0.19)	GH-758.1600.0	
M20x1.5	20(0.79)	22(0.88)	3.5(0.14)	6(0.24)	GH-758.2000.0	
M25x1.5	25(0.98)	28(1.10)	4.0(0.16)	7(0.28)	GH-758.2500.0	
M32x1.5	32(1.26)	35(1.38)	4.0(0.16)	8(0.32)	GH-758.3200.0	
M40x1.5	40(1.57)	44(1.73)	5.0(0.19)	8(0.32)	GH-758.4000.0	
M50x1.5	50(1.97)	54(2.12)	6.0(0.24)	9(0.35)	GH-758.5000.0	
M63x1.5	63(2.48)	67(2.64)	6.0(0.24)	10(0.39)	GH-758.6300.0	

Strain Reliefs and Accessories

O-rings



Sealing Rings							
		Applications Provide an external seal between the adaptors, reducers, enlargers, cord grips, strain reliefs etc... and the enclosure wall.				Features Material: Perbunan (NBR) Temp: -40C to +140C (-40F to 282F) Resistant to oil, water, ageing.	
		Dimensions mm (inch) - Part Numbers					
Outer diameter	Inner diameter	Ring thickness	Usable for	Usable for	Usable for	Part Number	
13(0.51)	10(0.39)	1.5(0.06)	M 12	PG 7	1/4" NPT	GH-871.0700.0	for Metric for PG for NPT
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(1.45)	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	