

POSI FLEX™

COMPRESSION GLAND

for Unarmoured Cable

Features and Benefits

- For use in highly corrosive areas.
- Seals the cable sheath to IP66/68.
- Specially formulated elastomeric seals.
- Brass parts are encapsulated in a corrosion-resistant body.
- Precision manufactured from high-quality brass (Marine Grade Electroless Nickel Plated™).
- Supplied with a thread-sealing gasket.

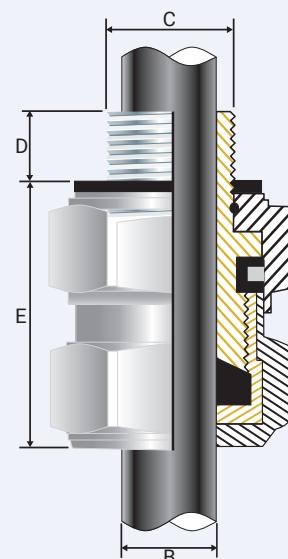


Technical Data

Type:	Posi Flex™
Gland Material:	Brass (Nickel Plated) encapsulated in Nylon or DMC
Sealing Material:	Thermoset Elastomer (Standard)
Cable Type:	Unarmoured
Sealing Area:	Outer Sheath
Accessories:	Posi Spanner, Adaptor, Reducer and Serrated Washer

Standards and Certifications

Mechanical Properties:	Impact Category 7 Anchorage Type B	
Continuous Operating Temp:	-65°C to +120°C	
Conformance:	Standard:	Certification:
Design Standards	BS 6121:Part 1 EN 50262 IEC/BS EN 62444 SANS 62444 SANS 1213	CML 14CA364 CML 14CA364 CML 14CA364 MASC 22-9012 MASC 18-2047, SANS 2109/4596
IP66/68 100m - Parallel	IEC 60529	CML 15Y728, MASC 22-9015
Corrosion Protection	ASTM B117-11, BS EN ISO 3231	EXOVA N968667
Marine ABS	IEC 60529, IEC 62444	25-0167207-PDA
DNV	IEC 60529, BS 6121, IEC 62444	TAE000000Z
London Underground Approval	BS EN 62444	LU 3043



Installation Standards

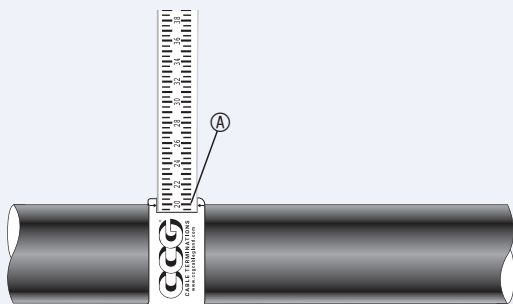
- AS/NZS 3000
- BS 6121-5
- BS 7671
- BS 7430
- IEC 60364-5-54
- SANS 0142

Product Code	Gland Size Reference	Metric Entry Thread		Cable Detail		Maximum Length 'E'	Hexagonal Detail		Installation Torque Value Nm
		'C'	Min 'D'	Min 'B'	Max 'B'		Max 'Flats'	Max 'Crns'	
053800	00-20ss	M20x1.5	15	3.0	8.5	42.0	30.0	33.8	* 13.5
0538-0	0-20s	M20x1.5	15	7.0	12.0	42.0	30.0	33.8	* 13.5
053801	1-20	M20x1.5	15	11.0	15.0	46.0	34.0	38.3	* 13.5
053802	2-25	M25x1.5	15	15.0	20.0	51.0	42.0	47.3	* 20.0
053803	3-32	M32x1.5	15	20.0	26.5	60.0	52.0	58.5	* 27.0
053804	4-40	M40x1.5	15	26.0	34.0	65.0	62.0	69.8	* 33.5
053805	5-50	M50x1.5	15	34.0	44.5	75.0	74.0	83.3	◇ 82.5
053806	6-63	M63x1.5	15	44.5	56.5	107.0	96.0	102.0	◇ 97.5
053807	7-75	M75x1.5	15	56.0	67.5	107.0	111.0	124.9	◇ 115.5
053808	8-80	M80x2.0	20	54.0	69.0	128.0	117.0	131.6	◇ 120.0
053809	9-90	M90x2.0	20	73.0	81.5	133.0	130.0	146.3	◇ 120.0
053810	10-100	M100x2.0	20	81.0	92.0	170.0	140.0	157.5	◇ 120.0
053811	11-110	M110x2.0	20	91.0	101.0	170.0	150.0	168.8	◇ 175.0

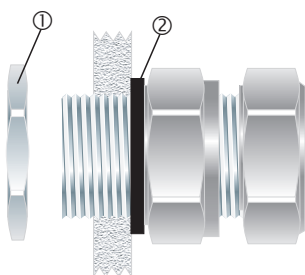
All dimensions are in mm. . * Only CCG Posi Spanner to be used for installation torque. ◇ Only CCG Hex™ Spanner to be used for installation torque.

CCG reserves the right to make alterations to the technical data, dimensions, designs and products available without notice. The illustrations cannot be considered binding. Please contact CCG for assistance. POSIFLEX-IN020925

POSI FLEX™ COMPRESSION GLAND

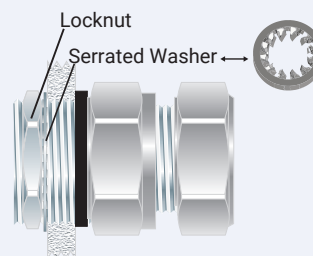


1. For accurate sizing, use a CCG Dimension Tape [Ⓐ] on the outer cable sheath.

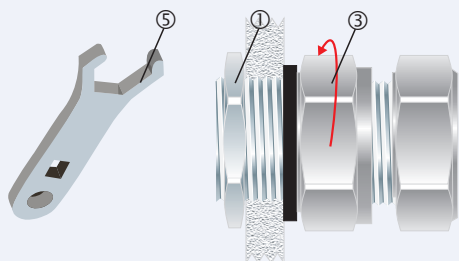


2. Remove locknut ^①. To maintain IP66/68 ensure the gasket ^② is in place.

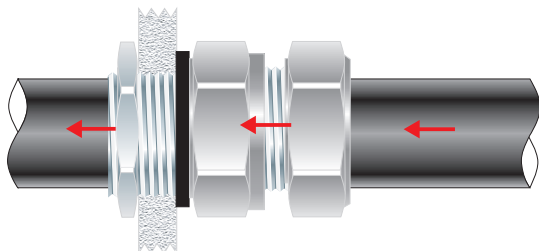
Alternative installation through an unthreaded entry.



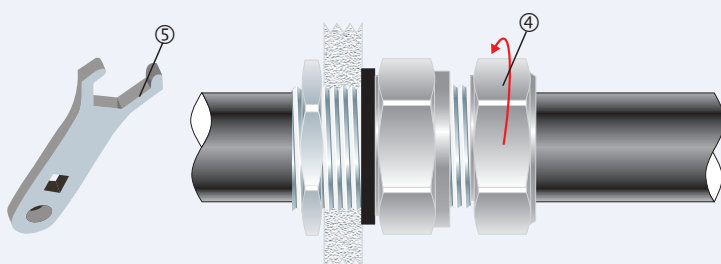
If the apparatus is untapped use a locknut.



3. Screw the gland unit into apparatus. Tighten the nipple nut ^③ to the installation torque value using a CCG Spanner ^⑤. If the apparatus is untapped use a locknut ^①. * Size 00 - 4 CCG Posi Spanner to be used for installation torque, ♦ Size 5 - 11 CCG Hex™ Spanner to be used for installation torque.



4. Pass the cable end through gland assembly.



5. Tighten the outer ^④ to installation torque value using a CCG Spanner ^⑤ to produce a seal and grip on the cable.
* Size 00 - 4 CCG Posi Spanner to be used for installation torque, ♦ Size 5 - 11 CCG Hex™ Spanner to be used for installation torque.