CCG CABLE TERMINATIONS

IPlus™ Corrosion Guard™

CAPTIVE COMPONENT GLAND™

for Steel Wire Armoured Cable

Features and Benefits

- For highly corrosive and wet locations.
- Cable gland manufactured from high quality brass (nickel plated).
- The screw-on Corrosion Guard™ is manufactured from non-metallic material to protect the steel wire armour and metal parts of the gland from corrosion.
- Provides sealing on inner and outer sheath of the cable sealing to IP66/67/68.
- Corrosion Guard™ screws onto the gland body and seals over the outer sheath of the cable giving an IP66/67/68 seal.
- Complete with high quality brass locknuts and polypropylene gasket.

Technical Data

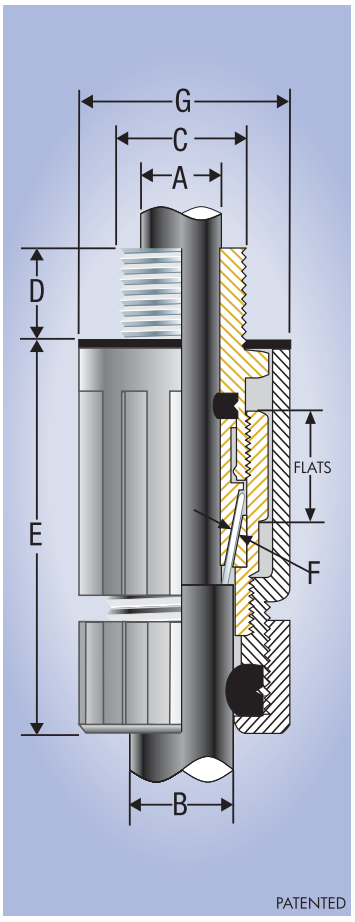
Type:	IPlus™ Corrosion Guard™
Gland Material:	Brass (Nickel Plated) BS 2874, EN 12164
Corrosion Guard Material:	Glass reinforced polyester compound / PBT
Seal Material:	Thermoset Elastomer
Cable Type:	Steel Wire Armour
Armour Clamping:	Captive Rotating Cone and Cone Ring
Sealing Area:	Outer sheath and total enclosure of the metal body gland
Optional Accessories:	Adaptor, Earth Tag, Locknut, Reducer and Serrated Washer

Standards and Certifications

Design Standards:	SABS 1213, BS 6121 Part 1, EN 50262, IEC 62444
Certification:	
Marine	09-SG435709A/1-PDA
SANS/SABS 1213	787/85772/K756
BS 6121 Part 1	SGS XPL/4026/00351
IEC 62444	MASC 11-303
Mechanical Properties:	Impact Category 8
	Anchorage Type D
Electrical Properties:	Category A (no earth tag)
	Category B (with earth tag)
Operating Temperature:	-20°C to 125°C
Ingress Protection IEC 60529:	IP66/67/68 (2m cont.) ~ MASC 11-263

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 'C'	Min 'D'	Cable Detail Min 'A'	Max 'A'	Min 'B'	Max 'B'	Maximum Length 'E'	Armour Dia. Min 'F'	Max 'F'	Max Dia. 'G'	Hexagonal Detail Max 'Flats'	Installation Torque Nm
054600-16-IP	00-16ss	M16x1.5	10	3.0	8.5	8.0	13.5	50.0	-	0.90	35.0	▲ 24.0	35.0
054600-IP	00-20ss	M20x1.5	10	3.0	8.5	8.0	13.5	50.0	-	0.90	35.0	▲ 24.0	35.0
0546-0-IP	0-20s	M20x1.5	10	8.0	12.0	11.5	16.0	50.0	0.90	1.25	35.0	▲ 24.0	35.0
054601-IP	1-20	M20x1.5	10	11.0	15.0	14.5	20.5	61.0	0.90	1.25	36.5	▲ 27.0	35.0
054602-IP	2-25	M25x1.5	10	15.0	20.0	20.5	26.5	68.0	1.25	1.60	46.0	▲32.0/35.0	50.0
054603-IP	3-32	M32x1.5	10	20.0	26.5	26.5	33.5	75.0	1.60	2.00	53.0	▲40.0/42.0	70.0
054604-IP	4-40	M40x1.5	15	26.0	34.0	33.0	42.5	86.0	1.60	2.00	68.0	▲ 52.0	90.0
054605-IP	5-50	M50x1.5	15	34.0	44.5	42.5	52.5	102.0	2.00	2.50	84.0	▲ 65.0	100.0
054606-IP	6-63	M63x1.5	15	44.0	56.5	52.5	65.5	122.0	2.00	2.50	110.0	▲ 80.0	120.0
054607-IP	7-75	M75x1.5	15	56.0	67.5	65.5	78.0	135.0	2.00	3.15	124.0	▲ 96.0	120.0

All dimensions are in mm.

▲ For use with CCG Hex-Spanner

FITTING INSTRUCTIONS *Metric Illustration*

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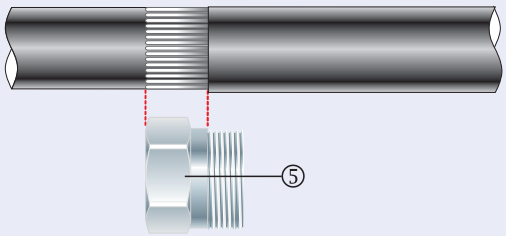
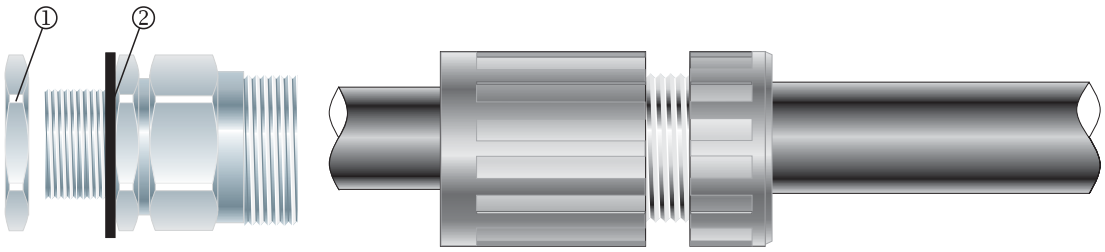
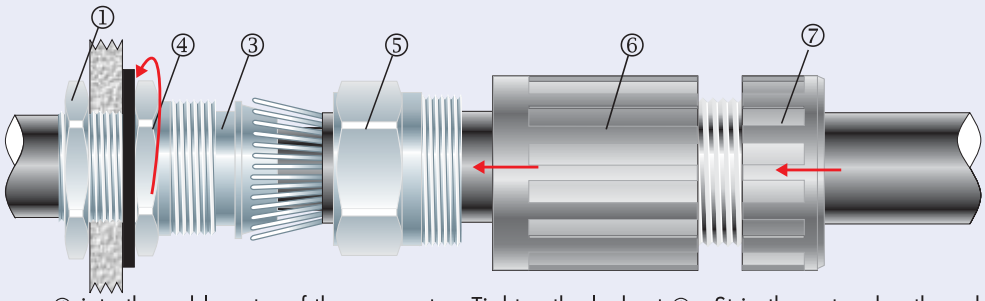
Iplus™ Corrosion Guard™ Gland



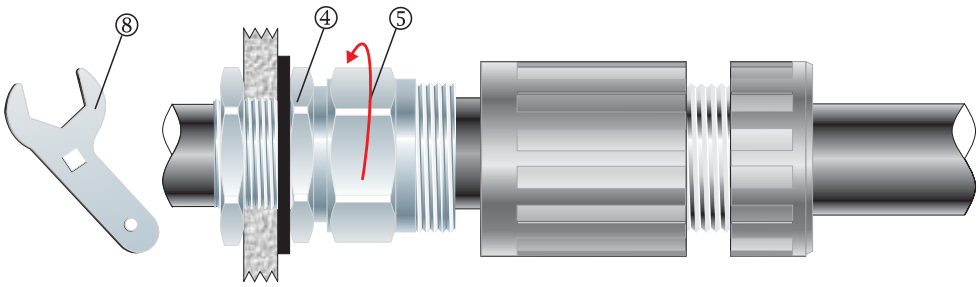
1. Cut back the cable outer sheath to expose the armour to a length not more than the body ⑤.



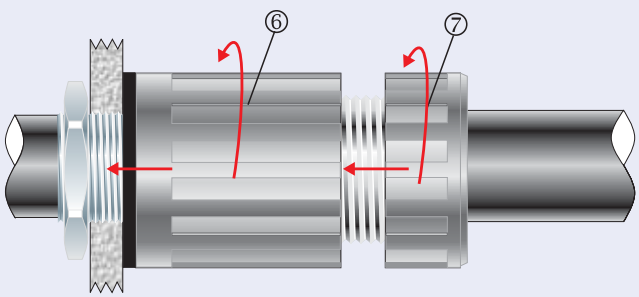
2. Remove the locknut ①. To maintain IP66/68 ensure the gasket ② is in place.



3. Screw the inner ④ into the cable entry of the apparatus. Tighten the locknut ①. Strip the outer sheath and pass the cable end through the corrosion guard outer ⑦ and the corrosion guard body ⑥. Pass the cable end through the inner ④ and splay the armour wires over cone ③.



4. Tighten the body ⑤ onto the inner ④ to the installation torque using a CCG Spanner ⑧.



5. Pass the corrosion guard body ⑥ and the corrosion guard outer ⑦ over assembled gland, screw the corrosion guard body ⑥ onto the body ⑤ and **hand tighten** the corrosion guard body ⑥ and the corrosion guard outer ⑦ to produce the required dust and waterproof seal IP68.

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