

# CX/CZ Insulated CAPTIVE COMPONENT GLAND™ for Braided and Steel Tape Cable



## Features and Benefits

- For outdoor use.
- Two piece handling, no loose parts.
- Freely rotating captive cone and cone ring, providing an armour clamp and earth bond without twisting the armouring.
- Patented disconnect armoured clamp system for ease of inspection.
- Provides a seal on the outer sheath of the cable sealing to IP66.
- Precision manufactured from high quality brass (nickel plated).

## Technical Data

Type:	CX/CZ Insulated
Gland Material:	Brass (Nickel Plated) BS 2874, EN 12164, Stainless Steel 316
Seal Material:	Thermoset Elastomer
Cable Type:	Braid, Steel Tape Armour
Armour Clamping:	Captive Rotating Cone and Cone Ring
Sealing Area:	Outer Sheath
Optional Accessories:	Adaptor, Earth Tag, Locknut, Reducer, Serrated Washer and Shroud

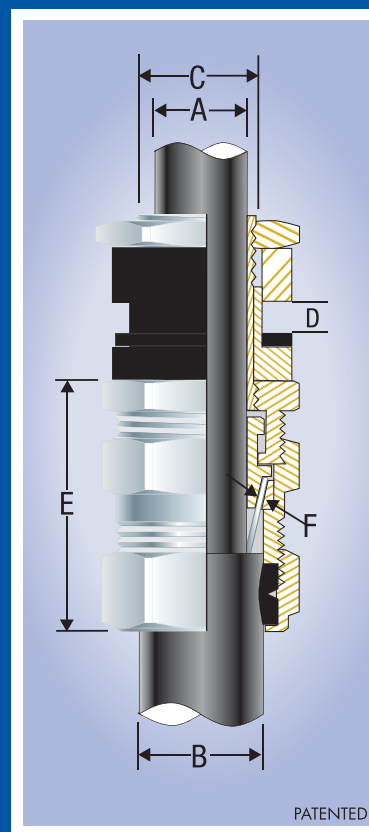
## Standards and Certifications

Design Standards:	BS 6121 Part 1, EN 50262, IEC 62444
Certification:	
Marine:	09-SG435709A/1-PDA
IEC 62444	MASC 11-303
Mechanical Properties:	Impact Category 8 Anchorage Type C
Electrical Properties:	Category A (no earth tag) Category B (with earth tag)
Operating Temperature:	-20°C to 125°C
Ingress Protection IEC60529:	IP66 ~ MASC 11-263



## Installation Standards

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

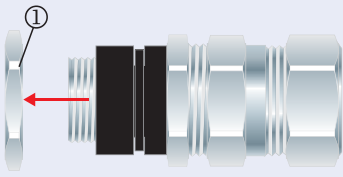


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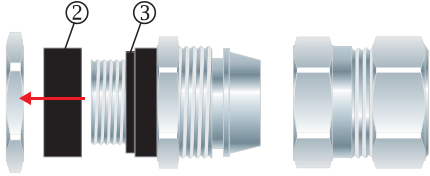
Product Code	Gland Size Reference	Metric Entry Thread		Cable Detail			Maximum Length 'E'	Braid/STA Thickness		Hexagonal Detail		Installation Torque Nm
		'C'	Min 'D'	Max 'A'	Min 'B'	Max 'B'		Min 'F'	Max 'F'	Max 'Flats'	Max 'Crns'	
057600	00-20ss	M20x1.5	10	8.0	5.0	10.0	55.0	0.20	0.85	24.0	27.0	35.0
0576-0	0-20s	M20x1.5	10	8.0	8.0	13.5	55.0	0.20	0.85	24.0	27.0	35.0
057601	1-20	M20x1.5	10	13.0	12.5	18.5	55.0	0.20	0.90	27.0	30.4	35.0
057602	2-25	M25x1.5	10	17.0	16.0	24.5	69.0	0.20	1.25	35.0	39.4	50.0
057603	3-32	M32x1.5	10	24.0	23.0	30.5	69.0	0.20	1.40	42.0	47.3	70.0
057604	4-40	M40x1.5	15	34.0	30.0	39.5	85.0	0.30	1.40	52.0	58.5	90.0
057605	5-50	M50x1.5	15	42.0	34.0	47.5	87.0	0.40	1.40	65.0	73.1	100.0
057606	6-63	M63x1.5	15	55.0	45.5	60.5	94.0	0.40	1.50	80.0	90.0	120.0
057607	7-75	M75x1.5	15	67.5	57.0	72.5	100.0	0.40	1.50	96.0	108.0	120.0
057608	8-80	M80x2.0	20	69.0	65.0	77.5	125.0	0.40	1.60	96.0	108.0	120.0
057609	9-90	M90x2.0	20	81.5	73.0	86.5	145.0	0.40	1.60	111.0	124.9	120.0

All dimensions are in mm.

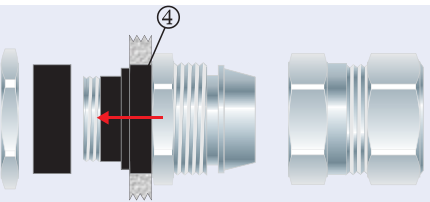
## CX/CZ Insulated Captive Component Gland™



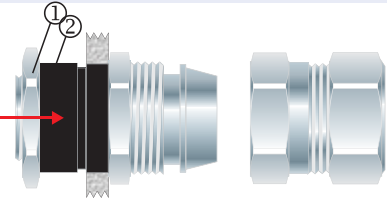
1. Remove locknut ①.



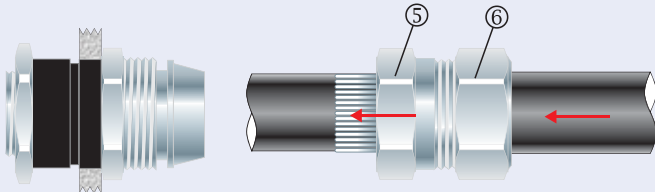
2. Remove female insulator ring ②. To maintain IP66 ensure the gasket ③ is in place.



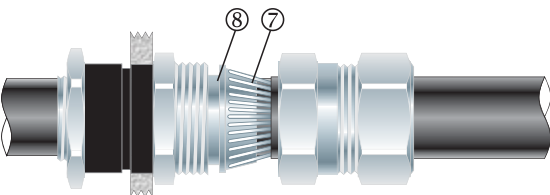
3. Insert male insulator entry ④ into the cable entry of the apparatus.



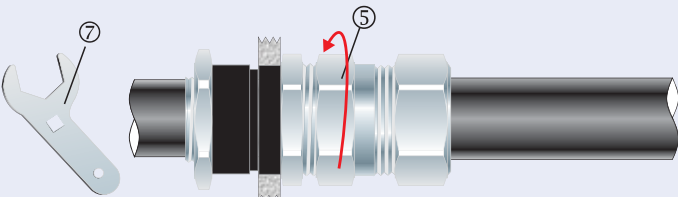
4. Screw female insulator ring ② back against the apparatus (maximum of 10mm thickness). Tighten the locknut ① back against the female insulator ring ②.



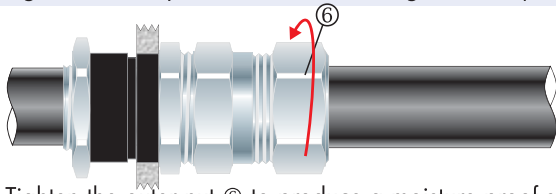
5. Strip the cable outer sheath and pass the cable end through the outer nut ⑥ and the body ⑤.



6. Pass cable end through the inner and splay the armour wires ⑦ over cone ⑧.



7. Tighten the body ⑤ onto the inner using a CCG Spanner ⑦.



8. Tighten the outer nut ⑥ to produce a moisture proof seal by turning till seal makes contact with the outer sheath of cable and then do one full turn.