

CCG CW

Captive Component Gland™

for SWA AND ALUMINIUM ARMoured CABLE



Features and Benefits

- For indoor and 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 and nickel plated. Complete with high quality brass locknut. Also available in aluminium and stainless steel.

Technical Data

Type:	CW
Gland Material:	Brass (Nickel Plated) BS 2874, EN 12164, Aluminium ASTM B221, Stainless Steel 316
Seal Material:	Thermoplastic Elastomer
Cable Type:	Steel Wire Armour / Aluminium Armour Wire
Armour Clamping:	Captive Rotating Cone
Sealing Area:	Outer Sheath
Optional Accessories:	Shroud, Adaptor/Reducer, Locknut, Earth Tag

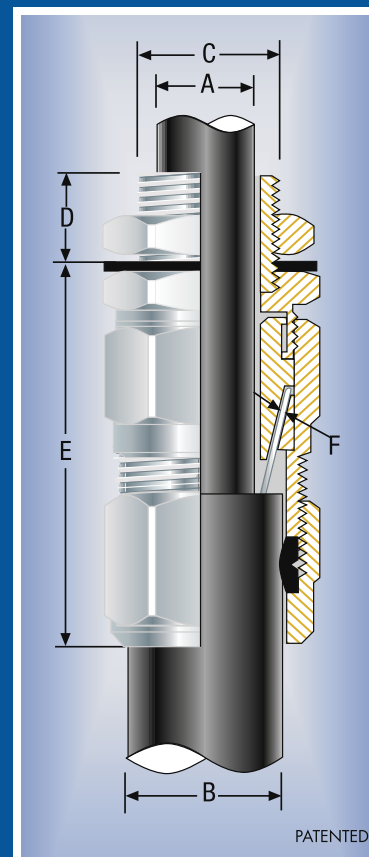
Standards and Certifications

Design Standards:	SANS 1213, BS 6121 Part 1, EN 50262
Certification:	
Marine	09-SG435709A/1-PDA
SANS/SABS 1213	S787/K757U
BS6121 Part 1	SGS 3641/9369
Operating Temperature:	-30°C to +130°C
Ingress Protection:	IP 66



Installation Standards

- ANZS 3000
- BS 6121-5
- BS 7671
- BS 7430
- IEC 60364-5-54
- SANS 0142



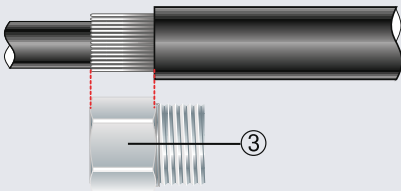
PATENTED

Product Code	Gland Size Reference	Entry Thread		Cable Details (Dia)			Maximum Length 'E'	Armour Dia		Hex Details (Max)	
		Metric 'C'	Min 'D'	Max 'A'	Min 'B'	Max 'B'		Min 'F'	Max 'F'	'Flats'	'Crns'
051200-16	◆*00-16ss	M16 x 1.5	10	8.0	8.0	13.5	41	0.9	-	24	27
051200	◆*00-20ss	M20 x 1.5	10	8.0	8.0	13.5	41	0.9	-	24	27
0512-0	◆*0-20s	M20 x 1.5	10	12.0	11.5	16.0	43	0.9	1.25	24	27
051201	*1-20	M20 x 1.5	10	15.5	14.5	21.0	47	0.9	1.25	27	31
051202	*2-25	M25 x 1.5	10	20.5	20.5	27.0	56	1.25	1.6	35	40
051203	*3-32	M32 x 1.5	10	26.5	26.5	33.5	57	1.60	2.0	42	48
051204	4-40	M40 x 1.5	15	34.5	33.0	43.0	68	1.60	2.0	52	60
051205	5-50	M50 x 1.5	15	44.5	42.5	52.5	72	2.0	2.5	65	75
051206	6-63	M63 x 1.5	15	57.0	52.0	65.5	89	2.0	2.5	80	90
051207	7-75	M75 x 1.5	15	68.0	65.0	78.0	97	2.5	3.0	96	110
051208	8-80	M80 x 2.0	20	73.0	77.5	82.0	98	2.5	3.0	100	115
051209	9-90	M90 x 2.0	20	81.0	81.0	91.0	123	3.0	3.5	110	125
051210	•10-100	M100 x 2.0	20	91.0	90.0	101.0	124	3.0	3.5	-	-
051211	•11-110	M110 x 2.0	20	98.0	100.0	114.0	134	3.0	4.0	-	-
051212	•12-120	M120 x 2.0	20	103.0	103.0	118.0	136	3.0	4.0	-	-
051213	•13-130	M130 x 2.0	20	115.0	113.0	124.0	140	3.0	4.0	-	-

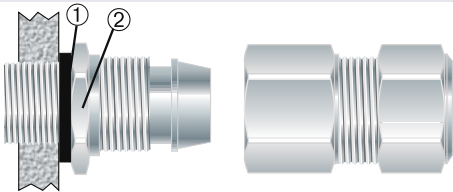
All dimensions are in mm. ◆ Supplied with fixed cone and bush.

* For use with CCG Handi Fit Boxes. • Size 10 is of round slotted material, for use with CCG 'C' Spanner.

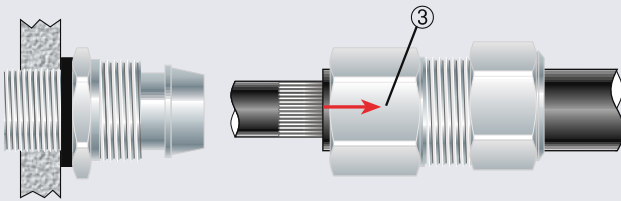
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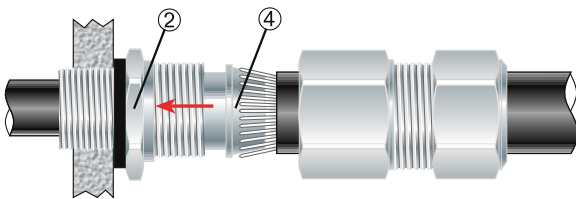
1. Cut back the cable outer sheath to expose the armour to a length not more than the gland outer body ③.



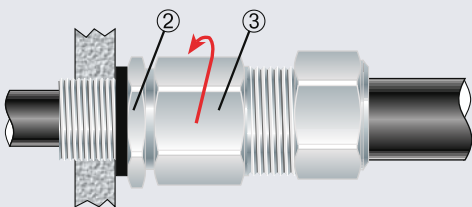
2. To maintain IP66 make sure gasket ① is in place. Screw gland inner ② into apparatus and tighten gland inner ②. If apparatus is untapped use a locknut.



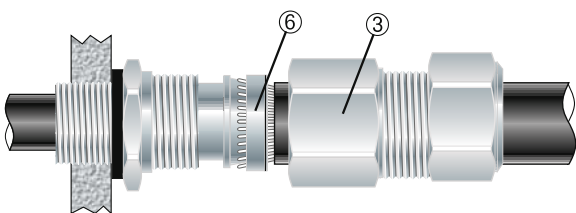
3. Pass gland outer body ③ over cable and then splay armour wires.



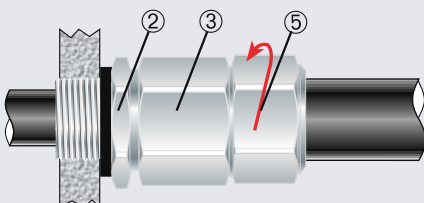
4. Pass cable end through gland inner ② and spread armour wire over cone ④.



5. Pass gland outer body ③ over gland inner ② and tighten.



6. Unscrew gland outer body ③. Check that the cone ring ⑥ has clamped the armouring.



7. Screw outer body ③ onto gland inner ② and tighten. Tighten outer seal nut ⑤ to produce a moisture proof seal by turning till seal makes contact with outer sheath of cable and then turn one full turn.