

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 armour clamp system for ease of inspection.
- Provides a seal on the outer sheath of the cable sealing to IP66.
- Complete with high quality brass (nickel plated), locknuts and IP gasket or high temperature sealing gasket or o-ring.
- 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:	Thermoset Elastomer or Silicon on request
Cable Type:	Steel Wire Armour / Aluminium Armour Wire
Armour Clamping:	Captive Rotating Cone
Sealing Area:	Outer Sheath
Optional Accessories:	Adaptor, Earth Tag, Locknut, Reducer, Serrated Washer and Shroud

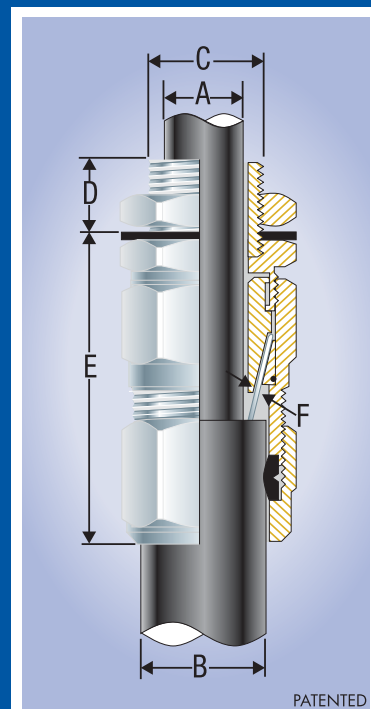
Standards and Certifications

Design Standards:	SANS 1213, BS 6121 Part 1, EN 50262, IEC 62444
Certification:	
Marine	09-SG435709A/1-PDA
BS6121 Part 1	SGS 3641/9369
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 ~ MASC 11-263



Installation Standards

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



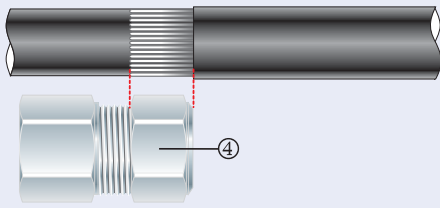
Product Code	Gland Size Reference	Metric Entry Thread		NPT Entry Thread		Cable Details			Max Length 'E'	Armour Dia		Hexagonal Detail		Install Torque Nm
		'C'	Min 'D'	'C'	Min 'D'	Max 'A'	Min 'B'	Max 'B'		Min 'F'	Max 'F'	Max 'Flats'	Max 'Crns'	
051200-16	* 00-16ss	M16x1.5	10	-	-	8.5	8.0	13.5	41.0	0.90	0.90	▲ 24	27	35.0
051200	** 00-20ss	M20x1.5	10	1/2/3/4	15	8.5	8.0	13.5	41.0	0.90	0.90	▲ 24	27	35.0
05120	** 0-20s	M20x1.5	10	1/2/3/4	15	12.0	11.5	16.0	43.0	0.90	1.25	▲ 24	27	35.0
051201	* 1-20	M20x1.5	10	1/2/3/4	15	15.0	14.5	20.5	47.0	0.90	1.25	▲ 27	31	35.0
051222	* 2s-25s	M25x1.5	10	3/4/1	15/19	17.5	16.0	24.5	56.0	1.25	1.60	▲ 32/35	36/40	50.0
051202	* 2-25	M25x1.5	10	3/4/1	15/19	20.0	20.5	26.5	56.0	1.25	1.60	▲ 32/35	36/39	50.0
051233	* 3s-32s	M32x1.5	10	1/1 1/4	19	22.0	23.0	30.5	57.0	1.60	2.00	▲ 40/42	45/48	70.0
051203	* 3-32	M32x1.5	10	1/1 1/4	19	26.5	26.5	33.5	57.0	1.60	2.00	▲ 40/42	45/48	70.0
051244	4s-40s	M40x1.5	15	1 1/4/1 1/2	19/21	31.5	30.0	39.5	68.0	1.60	2.00	▲ 52	60	90.0
051204	4-40	M40x1.5	15	1 1/4/1 1/2	19/21	34.0	33.0	42.5	68.0	1.60	2.00	▲ 52	60	90.0
051255	5s-50s	M50x1.5	15	1 1/2/2	21	38.0	34.0	47.5	72.0	2.00	2.50	▲ 65	75	100.0
051205	5-50	M50x1.5	15	1 1/2/2	21	38.0/44.5	42.5	52.5	72.0	2.00	2.50	▲ 65	75	100.0
051266	6s-63s	M63x1.5	15	2/2 1/2	30	50.0	45.5	60.5	89.0	2.00	2.50	▲ 80	90	120.0
051206	6-63	M63x1.5	15	2/2 1/2	30	50.0/56.5	52.5	65.5	89.0	2.00	2.50	▲ 80	90	120.0
051277	7s-75s	M75x1.5	15	2 1/2/3	32	62.0	57.0	72.5	97.0	2.50	3.15	▲ 96	110	120.0
051207	7-75	M75x1.5	15	2 1/2/3	32	62.0/67.5	65.5	78.0	97.0	2.50	3.15	▲ 96	110	120.0
051288	8s-80s	M80x2.0	20	3	32	69.0	65.0	77.5	98.0	2.50	3.15	▲ 96	110	120.0
051208	8-80	M80x2.0	20	3	32	74.0	78.0	82.0	98.0	2.50	3.15	▲ 96	110	120.0
051299	9s-90s	M90x2.0	20	3/3 1/2	32/33	75.0	73.0	86.5	123.0	3.00	3.50	▲ 111	125	120.0
051209	9-90	M90x2.0	20	3/3 1/2	32/33	75.0/81.5	82.0	91.0	123.0	3.00	3.50	▲ 111	125	120.0
051210	10-100	M100x2.0	20	3 1/2/4	33/34	91.0	90.0	100.0	124.0	3.00	3.50	★ 125	140	120.0
051211	11-115	M115x2.0	20	4	34	98.0	100.0	114.0	134.0	3.00	4.00	★ 135	152	120.0
051212	12-120	M120x2.0	20	-	-	103.0	103.0	118.0	136.0	3.00	4.00	★ 140	158	120.0
051213	13-130	M130x2.0	20	-	-	115.0	113.0	124.0	140.0	3.00	4.00	★ 146	164	120.0

All dimensions except NPT are in mm. ♦ Supplied with fixed cone and bush.

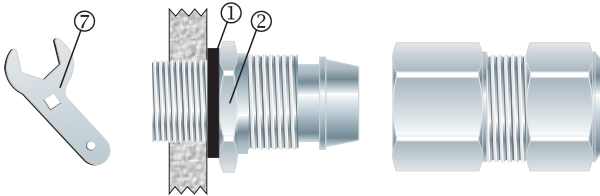
* For use with CCG Handi Fit Boxes. ▲ For use with CCG Hex Spanner. ★ For use with CCG C-Spanner.

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.

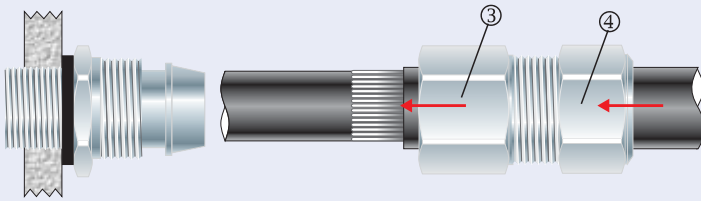
CW Captive Component Gland™



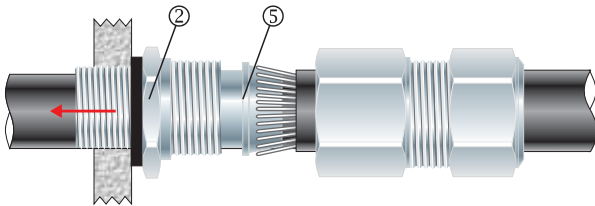
1. Cut back the cable outer sheath to expose the armour to a length not more than the outer nut ④.



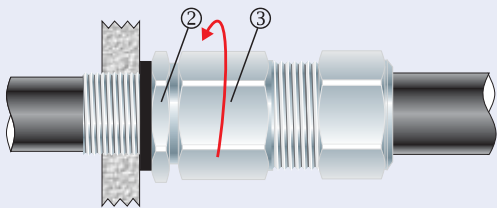
2. To maintain IP66 ensure gasket ① is in place. Screw the inner ② into the apparatus. Tighten the inner ② to the installation torque using a CCG Spanner ⑦. If apparatus is untapped use a locknut.



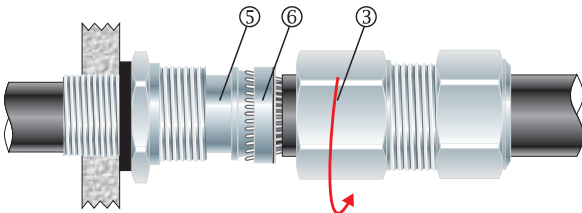
3. Pass the cable end through the body ③ and the outer nut ④.



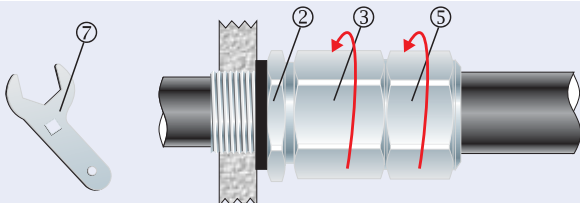
4. Pass cable end through the inner ② and splay the armour wires over the cone ⑤.



5. Screw the body ③ onto the inner ② to lock the cone ring ⑥ onto the cone ⑤.



6. Unscrew the body ③. Check that the amouring has locked between the cone ⑤ and the cone ring ⑥.



7. Screw the body ③ onto the inner ② and tighten the body ③ to installation torque using a CCG Spanner ⑦. Tighten outer nut ④ to produce a moisture proof seal by turning till seal makes contact with outer sheath of cable and then turn one full turn.