

CCG CW Captive Component Gland™ for Steel Wire Armour and Aluminium Armour Cable

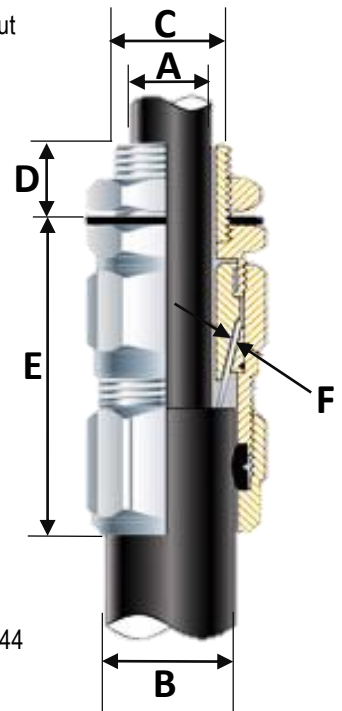


Features and Benefits

- 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 (nickel plated).
- Complete with high quality brass locknut. Also available in aluminum and stainless steel.

Technical Data

Type:	CW
Gland Material:	Brass (Nickel Plated) BS 2874, EN 12164, Aluminium ASTM BS221, 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:	Adapter, Earth Tag, Locknut, Reducer, Serrated Washer and Shroud



Standards and Certifications

Design Standards:	SAN 1213, BS 6121:Part1, EN 50262, BS EN/IEC 62444
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

Certification:

BS 6121:Part 1	SGS/3641/99369
BS EN/IEC 62444	CML 14CA364
	MASC 11-303
Marine	ABS 14-SG246753-2-PDA
	DNV-GL TAE000000Z
EMC Compatible	SGS EMC197708/1
London Underground Approval	3043
Ingress Protection MASC 11-263	IEC 60529 (IP66/68)

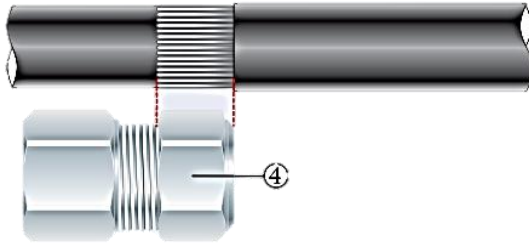
Standard:

Product Code	Gland Size Reference	Metric Entry Thread		NPT Entry Thread		Cable Detail			Max Length 'E'	Armour Dia		Hexagonal Detail		Installation Torque Value Nm
		'C'	Min 'D'	'C'	Min 'D'	Max 'A'	Min 'B'	Max 'B'		Min 'F'	Max 'F'	Max 'Flats'	Max 'Crns'	
051201	1-20	M20x1.5	10	½ / ¾	15	15.0	14.5	20.5	47.0	0.90	1.25	▲27.0	30.0	35.0
051202	2-25	M25x1.5	10	¾ 1 1/16	15/19	20.0	20.5	26.5	56.0	1.25	1.60	▲35.0	39.0	50.0
051203	3-32	M32x1.5	10	1 1/16	19	26.5	26.5	33.5	57.0	1.60	2.00	▲42.0	47.0	70.0

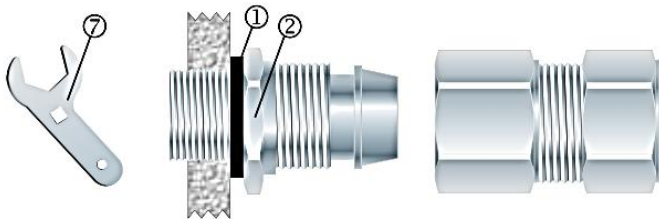
All dimensions except NPT are in mm. ▲ For use with a CCG Hex Spanner ◆ For use with a CCG C Spanner.

FITTING INSTRUCTIONS Metric Illustration

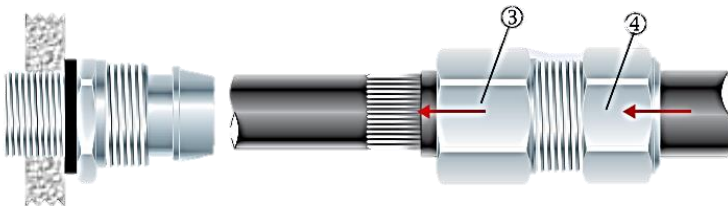
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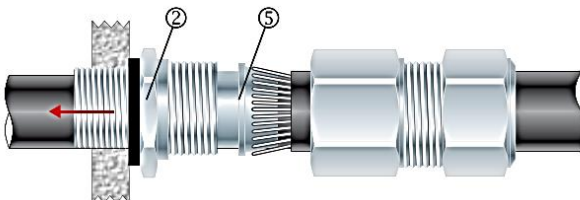
1. Cut back the cable outer sheath to expose the armour to a length not more than the outer nut (4)



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.



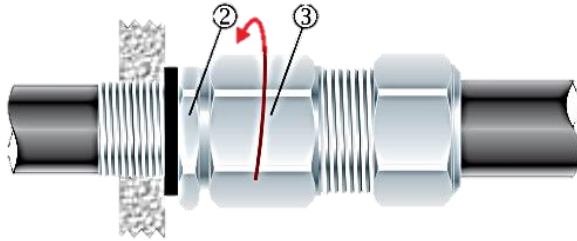
3. Pass the cable end through the body (3) and the outer nut (4)



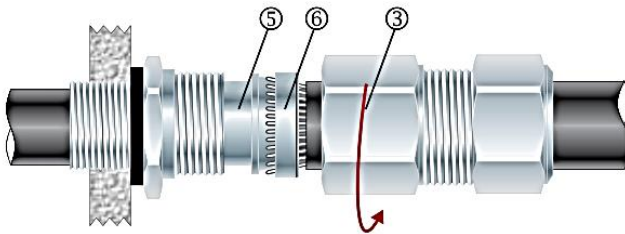
4. Pass cable end through the inner (2) and splay the armour wires over the cone (5)

FITTING INSTRUCTIONS Metric Illustration

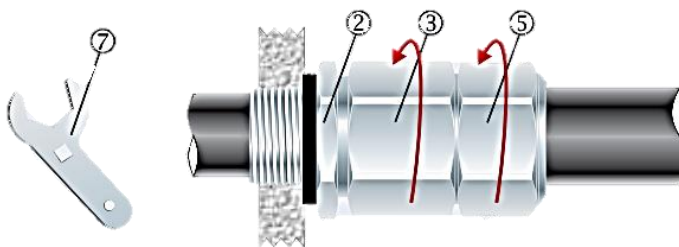
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5. Screw the body (3) onto the inner (2) to lock the cone ring (6) onto the cone (5)



6. Unscrew the body (3) Check that the amouring has locked between the cone (5) and the cone ring (O-Ring on the cone ring (6) is sacrificial) (9)



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.