

D1W

CAPTIVE COMPONENT GLAND™

for Steel Wire 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 armour wire.
- Factory fitted captive elastomeric inner seal for ingress protection IP66/67/68.
- Seals on the inner sheath of the cable.
- Precision manufactured from high quality brass (nickel plated).
- Complete with polypropylene sealing gasket.

Technical Data

Type:	D1W
Gland Material:	Brass (Nickel Plated), BS 2874, EN 12164
Seal Material:	Thermoset Elastomer or Silicone on request
Cable Type:	Steel Wire Armour
Armour Clamping:	Captive Cone and Cone Ring
Sealing Area:	Inner Sheath
Optional Accessories	Adaptor, Earth Tag, Locknut, Reducer, Serrated Washer and Shroud

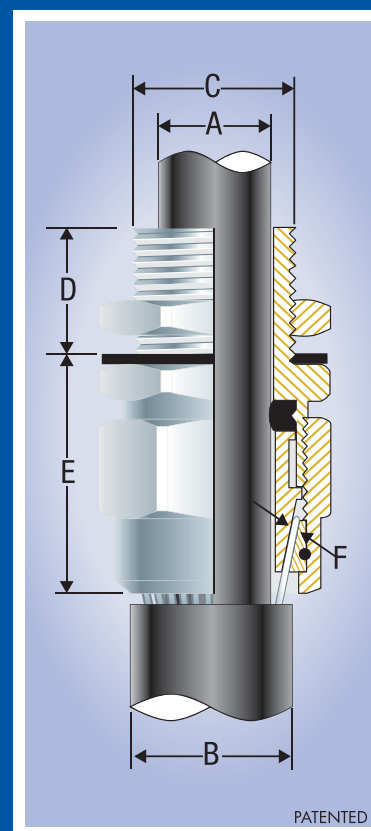
Standards and Certifications

Design Standards:	SANS 1213, BS6121 Part 1, EN 50262, IEC 62444
Certification:	
SANS/SABS 1213	S787/B612
BS 6121 Part 1	SGS/3641/99341
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



PATENTED

Product Code	Gland Size Reference	Metric Entry Thread		Cable Detail			Max Length 'E'	Armour Dia		Hexagonal Detail		Install Torque Nm
		'C'	Min 'D'	Min 'A'	Max 'A'	Max 'B'		Min 'F'	Max 'F'	Max 'Flats'	Max 'Crns'	
052000-16	00-16ss	M16x1.5	10	3.0	8.5	13.5	32.0	0.90	0.90	▲ 24.0	27.0	35.0
052000	00-20ss	M20x1.5	10	3.0	8.5	13.5	32.0	0.90	0.90	▲ 24.0	27.0	35.0
0520-0	0-20s	M20x1.5	10	8.0	12.0	16.0	32.0	0.90	1.25	▲ 24.0	27.0	35.0
052001	1-20	M20x1.5	10	11.5	15.0	20.5	32.0	0.90	1.25	▲ 27.0	31.0	35.0
052002	2-25	M25x1.5	10	15.0	20.0	26.5	35.0	1.25	1.60	▲ 32/35	40.0	50.0
052003	3-32	M32x1.5	10	20.0	26.5	33.5	35.0	1.60	2.00	▲ 40/42	48.0	70.0
052004	4-40	M40x1.5	15	26.0	34.0	42.5	50.0	1.60	2.00	▲ 52.0	60.0	90.0
052005	5-50	M50x1.5	15	34.0	44.5	52.5	53.0	2.00	2.50	▲ 65.0	75.0	100.0
052006	6-63	M63x1.5	15	44.0	56.5	65.5	70.0	2.00	2.50	▲ 80.0	94.0	120.0
052007	7-75	M75x1.5	15	56.0	67.5	78.0	78.0	2.50	3.15	▲ 96.0	110.0	120.0
052008	8-80	M80x2.0	20	68.0	74.0	82.0	78.0	2.50	3.15	▲ 96.0	110.0	120.0
052009	9-90	M90x2.0	20	74.0	81.5	91.0	83.0	3.00	3.50	▲ 111.0	125.0	120.0
052010	10-100	M100x2.0	20	81.0	90.0	100.0	88.0	3.00	3.50	♦ -	-	120.0
052011	11-110	M110x2.0	20	86.0	98.0	114.0	92.0	3.00	4.00	♦ -	-	120.0
052012	12-120	M120x2.0	20	95.0	103.0	118.0	96.0	3.00	4.00	♦ -	-	120.0
052013	13-130	M130x2.0	20	100.0	115.0	124.0	100.0	3.00	4.00	♦ -	-	120.0

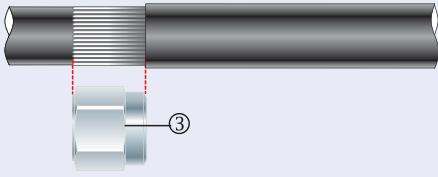
All dimensions are in mm.

▲ For use with CCG Hex-Spanner. ♦ For use with CCG C-Spanner Spanner

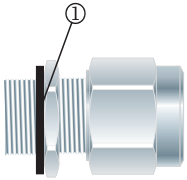
CCG reserves the right to make alterations to the technical data, dimensions, designs and products available without notice. The illustrations cannot be considered binding. Please contact CCG for assistance.

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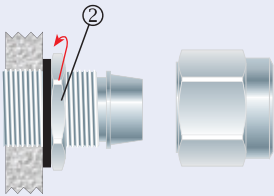
D1W Captive Component Gland™



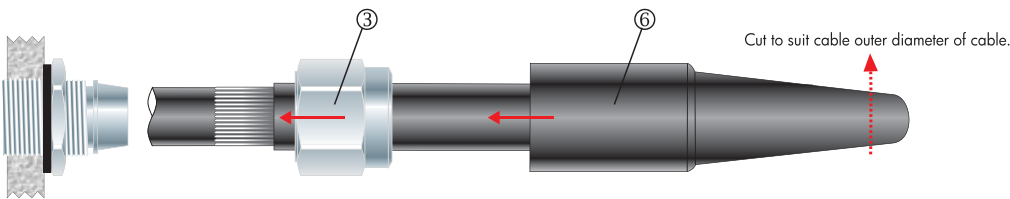
1. Cut back the cable outer sheath to expose the armour to a length not more than the outer ③.



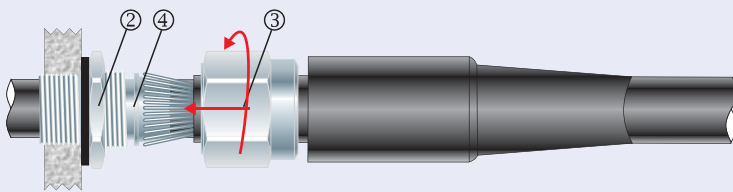
2. To maintain IP66/68 ensure the gasket ① is in place.



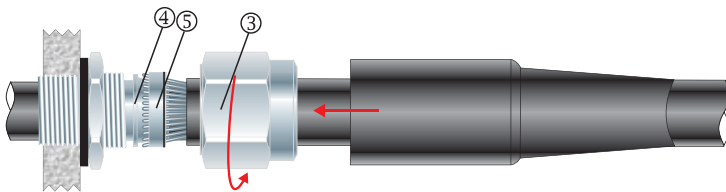
3. Screw the gland unit into the apparatus. Tighten the inner ②. If apparatus is untapped use a locknut.



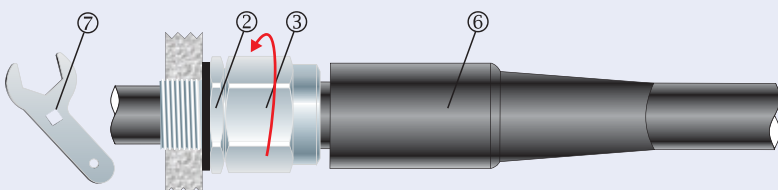
4. Cut the shroud to suit cable outer diameter of cable. Pass the cable end through the shroud ⑥ and the outer ③.



5. Pass the cable end through the inner ②. Splay armour wires over the cone ④. Tighten the outer ③ onto the inner ② to lock the cone ring ⑤ onto the cone ④.



6. Unscrew the outer ③. Check that the armouring has locked between the cone ④ and the cone ring ⑤.



7. Tighten the outer ③ onto the inner ② to installation torque using a CCG Spanner ⑦. Slide the shroud ⑥ over the gland.