

MINING AND INDUSTRIAL GLANDS

BW CAPTIVE CONE GLAND™ FOR SWA AND ALUMINIUM ARMoured CABLE



General Data:

Properties:

Type BW

Gland Material Brass (Nickel Plated) BS 2874, EN 12164, Aluminium ASTM BS221

Cable Type Steel Wire Armour / Aluminium

Armour Wire

Armour Clamping Captive Rotating Cone

Optional Adaptor Reducer

Accessories Earth Tag Serrated Washer

Locknut Shroud

Standards and Certifications:

Design Standards: SABS 1213, BS 6121 Part 1, EN 50262, IEC 62444

Certification:

SANS/SABS 1213: 787/85772/K756

BS 6121 Part 1: SGS 3641/99367

IEC 62444: MASC 11-303

Mechanical Impact Category 8

Properties: Anchorage Type B

Electrical Category A (no earth tag)

Properties: Category B (with earth tag)

Operating -20°C to 125°C

Temperature:

Ingress Protection IP2X (without a shroud)

IEC 60529:

Typical

Applications:

Features and *Indoor use

Benefits *Two part handling, no loose parts

*Freely rotating captive cone, providing an armour clamp and earth bond without twisting the armouring

*Precision manufactured from high quality brass (nickel plated) and available in aluminium on request

*Complete with high quality brass locknuts



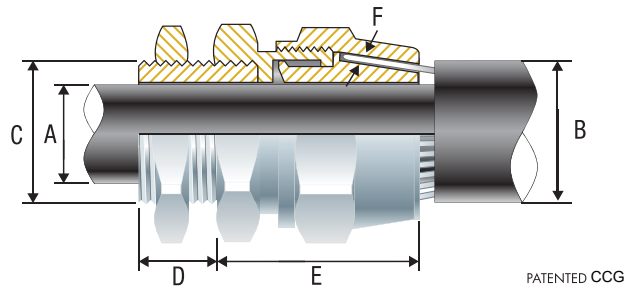
Technical Information and Photographs from CCG Cable Terminations

Address: 4 Branch Road, Germiston 1401, P.O. Box 678, Germiston 1400

ELECTRICAL PRODUCTS

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PATENTED CCG

Product Information:

Gland Size (mm)	Metric Entry Thread (mm)		Armour Dia. (mm)			Cable Detail (Dia) (mm)			Maximum Length (mm)	Hexagonal Details (Max)		Installation Torque Nm
	'C'	Min 'D'	Min 'F'	Max 'F'	Max 'A'	Min 'B'	Max 'B'	'E'	'Flats'	'Crns'		
0-20s	M20x1.5	10	0.90	1.25	12.0	11.5	16.0	23.0	▶22	25.0	35.0	
1-20	M20x1.5	10	0.90	1.25	15.0	14.5	20.5	26.0	▶25/27	30.0	35.0	
2-25	M25x1.5	10	1.25	1.60	20.0	20.5	26.5	29.0	▶32/35	39.0	50.0	
3-32	M32x1.5	10	1.60	2.00	26.5	26.5	33.5	32.0	▶40/42	47.0	70.0	
4-40	M40x1.5	15	1.60	2.00	34.0	33.0	42.5	36.0	▶52	59.0	90.0	
5-50	M50x1.5	15	2.00	2.50	44.5	42.5	52.5	45.0	▶65	73.0	100.0	
6-63	M63x1.5	15	2.00	2.50	56.5	52.5	65.5	50.0	▶80	90.0	120.0	
7-75	M75x1.5	15	2.50	3.15	67.5	65.5	78.0	60.0	▶96	108.0	120.0	
8-80	M80x2.0	20	2.50	3.15	74.0	78.0	82.0	65.0	▶96	108.0	120.0	
9-90	M90x2.0	20	3.00	3.50	81.5	82.0	91.0	69.0	▶111	125.0	120.0	
10-100	M100x2.0	20	3.00	3.50	91.0	90.0	100.0	88.0	◆-	-	120.0	
11-110	M110x2.0	20	3.00	4.00	98.0	100.0	114.0	88.0	◆-	-	120.0	
12-120	M120x2.0	20	3.00	4.00	103.0	103.0	118.0	100.0	◆-	-	120.0	
13-130	M130x2.0	20	3.00	4.00	115.0	113.0	124.0	100.0	◆-	-	120.0	

- ▶ Use a CCG Hex Spanner
- ◆ Use a CCG C Spanner



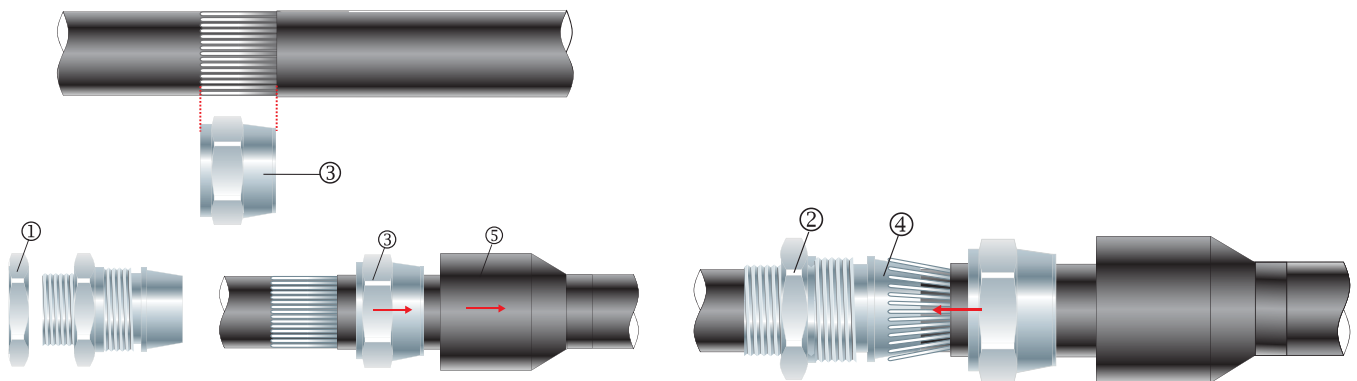
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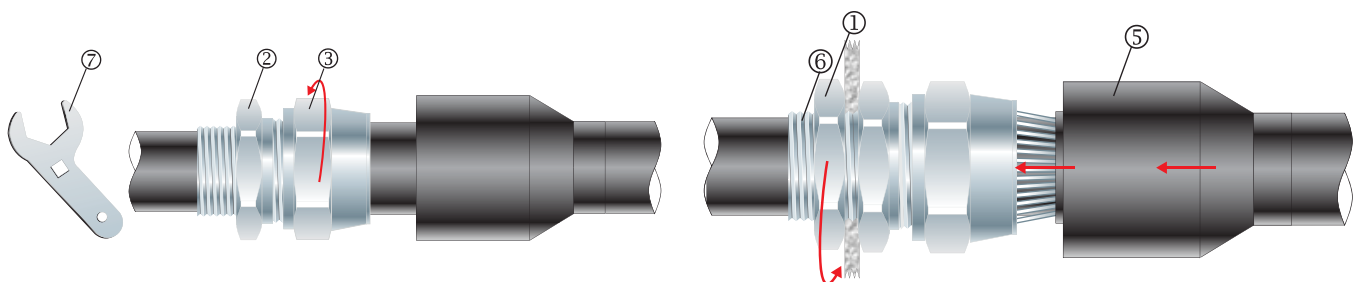
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Fitting Instructions (Metric illustration):



1. Cut back the cable outer sheath to the length of (3). Remove the locknut (1). Strip the cable outer sheath and slide the shroud (5) and the outer (2) over the cable.

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



3. Tighten the outer (3) onto the inner (2) to the installation torque using a CCG Spanner (7)

4. Insert the gland bush (6) into the cable entry of the apparatus and tighten the locknut (1). Slide shroud (5) over the gland.

Complete your Project:

Please select the items you require and we will be in touch

Cables and Wires:

Indoor
Outdoor
General
Other
Let an ACTOM
Specialist Contact you

Lighting:

Indoor
Outdoor
General
Other
Let an ACTOM
Specialist Contact you

Transformers (Distribution):

Indoor
Outdoor
General
Other
Let an ACTOM
Specialist Contact you

Accessories:

Indoor
Outdoor
General
Other
Let an ACTOM
Specialist Contact you

Specific Information:

Address: 4 Branch Road, Germiston 1401, P.O. Box 678, Germiston 1400

For more Information on this Product Please Send us the Following

Product Information:

Product Name:

Quantity:

Project Name:

Date the Product is required:

Your Contact Information:

Name and Surname:

Company:

Email:

Phone Number:

Province:

Thank You

For having a Look at this Product

Please send this PDF back to us with all your Information

Scan the QR Code to visit our Website:

