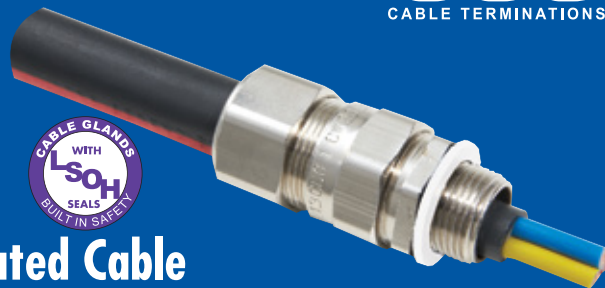


CW - LSOH

CAPTIVE COMPONENT GLAND™

for SWA and Aluminium Armoured Fire Rated Cable



Features and Benefits

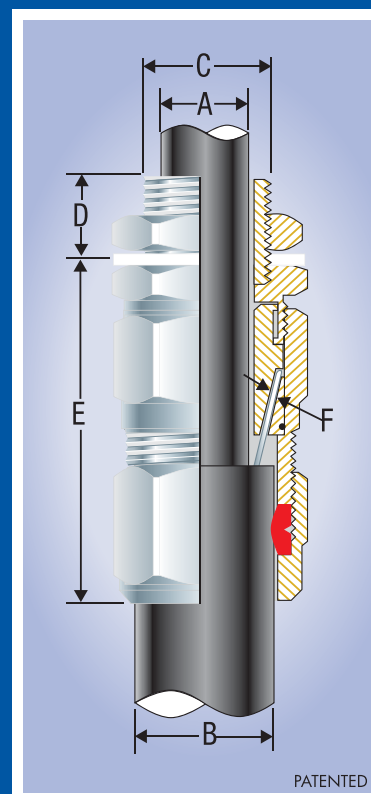
- For indoor and outdoor use. Two piece handling, no loose parts.
- Silicon seals are fire retardant, low smoke zero halogen and resistant to high temperatures.
- Freely rotating captive cone and cone ring, providing an armour clamp and earth bond without twisting the armouring.
- Patented disconnect armour clamp system for ease of inspection.
- Provides a seal on the outer sheath of the cable sealing to IP66.
- Precision manufactured from high quality brass (nickel plated).
- Complete with high quality brass locknut. Also available in aluminium and stainless steel.

Technical Data

Type:	CW - LSOH
Gland Material:	Brass (Nickel Plated) BS 2874, EN 12164, Aluminium ASTM B221, Stainless Steel 316
Seal Material:	LSOH Silicon to IEC 60754-1; IEC 60754-2
Cable Type:	Steel Wire Armour/ Aluminium Armour Wire Fire Rated
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
SANS/SABS 1213	S787/K757U
BS6121 Part 1	SGS 3641/9369
IEC 62444	MASC 11-303
Mechanical Properties:	Impact Category 8, Anchorage Type D
Electrical Properties:	Category C (no earth tag) Category B (with earth tag)
Operating Temperature:	-65°C to 175°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 Detail			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'	
055300-16	00-16ss	M16x1.5	10	-	-	8.5	8.0	13.5	41.0	0.90	0.90	▲ 24	27	35.0
055300	◆ 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
0553-0	◆ 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
055301	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
055302	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
055303	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
055304	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
055305	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
055306	6-63	M63x1.5	15	2/2 1/2	21/30	50.0/56.5	52.5	65.5	89.0	2.00	2.50	▲ 80	90	120.0
055307	7-75	M75x1.5	15	2 1/2/3	30/32	62.0/67.5	65.5	78.0	97.0	2.50	3.15	▲ 96	110	120.0
055308	8-80	M80x2.0	20	3	32	74.0	78.0	82.0	98.0	2.50	3.15	▲ 96	110	120.0
055309	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
055310	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
055311	11-115	M115x2.0	20	4	34	98.0	100.0	114.0	134.0	3.00	4.00	▲ 135	152	120.0
055312	12-120	M120x2.0	20	-	-	103.0	103.0	118.0	136.0	3.00	4.00	▲ 140	158	120.0
055313	13-130	M130x2.0	20	-	-	115.0	113.0	124.0	140.0	3.00	4.00	▲ 146	164	120.0

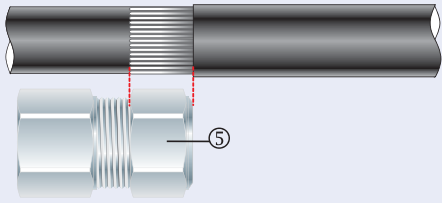
All dimensions except NPT are in mm.

◆ Supplied with fixed cone and bush.

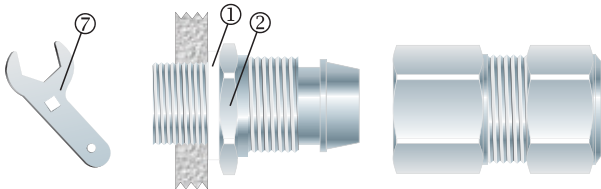
▲ For use with CCG Hex Spanner.

✦ For use with CCG C-Spanner.

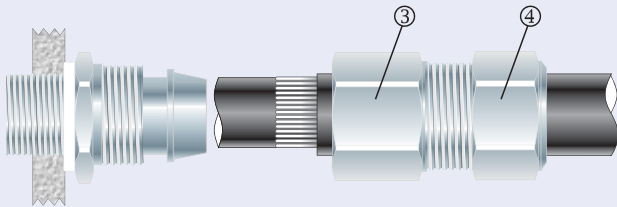
CW - LSOH Captive Component Gland™



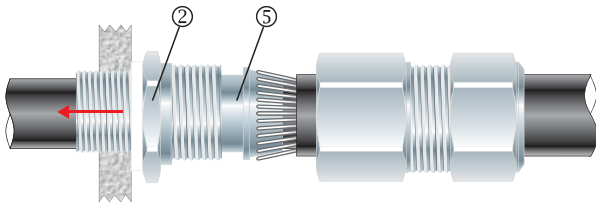
1. Cut back the cable outer sheath to expose the armour to a length not more than the outer nut ⑤.



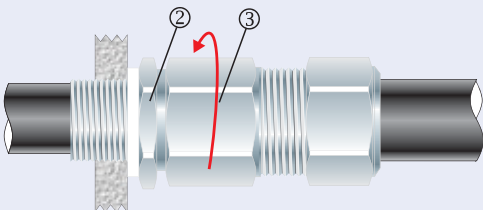
2. To maintain IP66 ensure the gasket ① is in place. Screw inner ② into apparatus. Tighten inner ② to the installation torque using a CCG Spanner ⑦. If apparatus is untapped use a locknut.



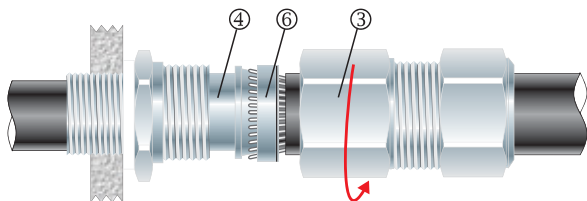
3. Pass the cable end through the outer nut ④ and then the body ③.



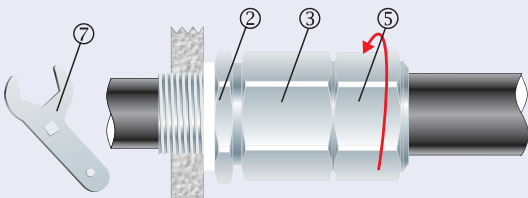
4. Pass cable end through the inner ②. Splay the armour wires over the cone ⑤.



5. Tighten 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 amoring has locked between the cone ⑤ and the cone ring ⑥.



7. Tighten the body ③ onto the inner ② to the 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.