



A2

COMPRESSION GLAND

for Unarmoured Cable

Features and Benefits

- For indoor and outdoor use.
- Seals the cable sheath to IP66/68.
- Specially formulated elastomeric seals.
- Precision manufactured from high-quality brass (nickel plated) available in aluminium or stainless steel 316/316L on request.
- Complete with heavy-duty locknut.
- Complete with thread sealing gasket.

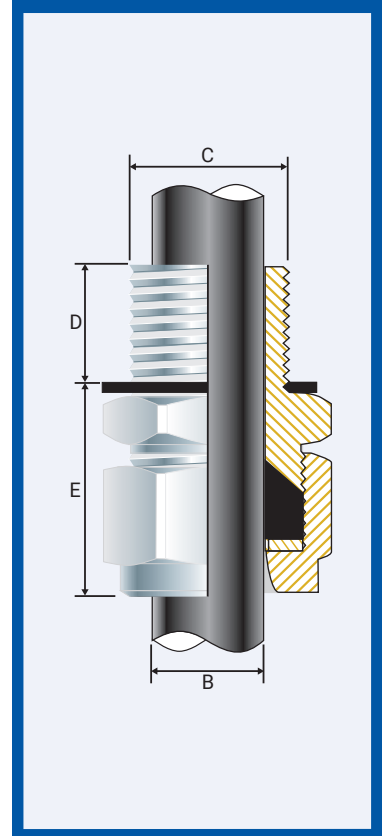


Technical Data

| | |
|-----------------------|---|
| Type: | A2 |
| Gland Material: | Brass (Nickel Plated) BS 2874, EN 12164, Aluminium ASTM BS221, Stainless Steel 316/316L |
| Seal Material: | Thermoset Elastomer or Silicon on request. |
| Cable Type: | Unarmoured |
| Sealing Area: | Outer Sheath |
| Optional Accessories: | Adaptor, Reducer, Earth Tag, Locknut, Serrated Washer and Shroud |

Standards and Certifications

| | | |
|-----------------------------|--|---|
| Mechanical Properties: | Impact Category 8 Anchorage Type B | |
| Continuous Operating Temp: | -65°C to +120°C | |
| Conformance: | Standard: Certificate: | |
| Design Standards | BS 6121:Part 1 EN 50262 IEC/BS EN 62444 SANS 62444 SANS 1213 | CML 14CA364 CML 14CA364 CML 14CA364 MASC 11-303 MASC 18-2047, SANS 2109/4596 CML 15Y728, MASC 11-263 |
| IP66/68 100m - Parallel | IEC 60529 | |
| IP65 - Tapered | IEC 60529 | |
| Marine ABS | IEC 60529, IEC 62444 | ABS 20-SG1952694-PDA |
| DNV-GL | IEC 60529, BS 6121, IEC 62444 | DNV-GL TAE000000Z |
| London Underground Approval | BS EN 62444 | LU 3043 |



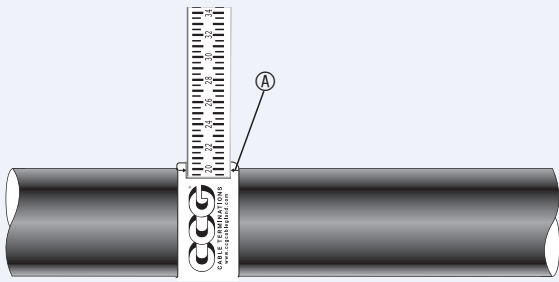
Installation Standards

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

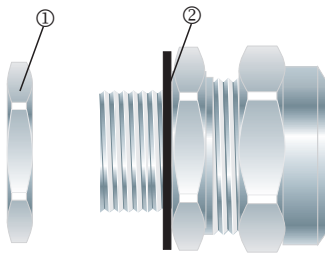
| Product Code | Gland Size Reference | Metric Entry Thread | | NPT Entry Thread | | Cable Detail | | Maximum Length 'E' | Hexagonal Detail | | Installation Torque Value Nm |
|--------------|----------------------|---------------------|---------|------------------|---------|--------------|---------|--------------------|------------------|------------|------------------------------|
| | | 'C' | Min 'D' | 'C' | Min 'D' | Min 'B' | Max 'B' | | Max 'Flats' | Max 'Crms' | |
| 053500-16S | 00-16S | M16x1.5 | 10 | - | - | 1.0 | 6.0 | 20.0 | ▲ 18.0 | ◆ 20.0 | 20.0 |
| 053500-16 | 00-16ss | M16x1.5 | 10 | - | - | 3.0 | 8.5 | 20.0 | ▲ 24.0 | ◆ 27.0 | 32.5 |
| 053500 | 00-20ss | M20x1.5 | 10 | ½/¾ | 15 | 3.0 | 8.5 | 20.0 | ▲ 24.0 | ◆ 27.0 | 32.5 |
| 0535-0 | 0-20s | M20x1.5 | 10 | ½/¾ | 15 | 7.0 | 11.5 | 20.0 | ▲ 24.0 | ◆ 27.0 | 32.5 |
| 053501 | 1-20 | M20x1.5 | 10 | ½/¾ | 15 | 11.0 | 15.0 | 24.0 | ▲ 27.0 | ◆ 30.0 | 32.5 |
| 053522 | 2s-25s | M25x1.5 | 10 | ¾/1 | 15/19 | 11.5 | 17.5 | 25.0 | ▲ 35.0 | ◆ 39.0 | 47.5 |
| 053502 | 2-25 | M25x1.5 | 10 | ¾/1 | 15/19 | 15.0 | 20.0 | 25.0 | ▲ 35.0 | ◆ 39.0 | 47.5 |
| 053533 | 3s-32s | M32x1.5 | 10 | 1/1¼ | 19 | 16.0 | 22.0 | 30.0 | ▲ 42.0 | ◆ 47.0 | 55.0 |
| 053503 | 3-32 | M32x1.5 | 10 | 1/1¼ | 19 | 20.0 | 26.5 | 30.0 | ▲ 42.0 | ◆ 47.0 | 55.0 |
| 053544 | 4s-40s | M40x1.5 | 15 | ¾/1½ | 19/21 | 22.0 | 31.5 | 30.0 | ▲ 52.0 | ◆ 59.0 | 65.0 |
| 053504 | 4-40 | M40x1.5 | 15 | ¾/1½ | 19/21 | 26.0 | 34.0 | 30.0 | ▲ 52.0 | ◆ 59.0 | 65.0 |
| 053555 | 5s-50s | M50x1.5 | 15 | 1½ | 21 | 29.0 | 38.0 | 42.0 | ▲ 65.0 | ◆ 73.0 | 82.5 |
| 053505 | 5-50 | M50x1.5 | 15 | 2 | 21 | 34.0 | 44.5 | 42.0 | ▲ 65.0 | ◆ 73.0 | 82.5 |
| 053566 | 6s-63s | M63x1.5 | 15 | 2 | 21 | 38.0 | 50.0 | 48.0 | ◆ 80.0 | ◆ 90.0 | 97.5 |
| 053506 | 6-63 | M63x1.5 | 15 | 2½ | 30 | 44.5 | 56.5 | 48.0 | ◆ 80.0 | ◆ 90.0 | 97.5 |
| 053577 | 7s-75s | M75x1.5 | 15 | 2½ | 30 | 50.0 | 62.0 | 50.0 | ◆ 96.0 | ◆ 108.0 | 115.0 |
| 053507 | 7-75 | M75x1.5 | 15 | 3 | 32 | 56.0 | 67.5 | 50.0 | ◆ 96.0 | ◆ 108.0 | 115.0 |
| 053588 | 8s-80s | M80x2.0 | 20 | 3 | 32 | 54.0 | 69.0 | 55.0 | ◆ 96.0 | ◆ 108.0 | 120.0 |
| 053508 | 8-80 | M80x2.0 | 20 | 3 | 32 | 65.0 | 74.0 | 55.0 | ◆ 96.0 | ◆ 108.0 | 120.0 |
| 053599 | 9s-90s | M90x2.0 | 20 | 3 | 32 | 60.0 | 75.0 | 60.0 | ◆ 111.0 | ◆ 125.0 | 120.0 |
| 053509 | 9-90 | M90x2.0 | 20 | 3½ | 33 | 73.0 | 81.5 | 60.0 | ◆ 111.0 | ◆ 125.0 | 120.0 |
| 053510 | 10-100 | M100x2.0 | 20 | 3½/4 | 33/34 | 81.0 | 91.0 | 74.0 | - | - | 120.0 |
| 053511 | 11-110 | M110x2.0 | 20 | 4 | 34 | 91.0 | 101.0 | 92.5 | - | - | 175.0 |
| 053512 | 12-120 | M120x2.0 | 20 | - | - | 101.0 | 109.0 | 92.5 | - | - | 175.0 |
| 053513 | 13-130 | M130x2.0 | 20 | - | - | 109.0 | 119.0 | 92.5 | - | - | 175.0 |

All dimensions except NPT are in mm. ▲ For use with a CCG Hex Spanner ◆ For use with a CCG C Spanner.
 ◆ When manufactured in Aluminium, Hex will be 27 Across Flats and 30 Across Corners.

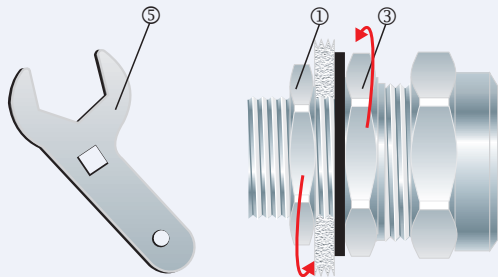
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1. For accurate sizing, use a CCG Dimension Tape (A) on the outer cable sheath.

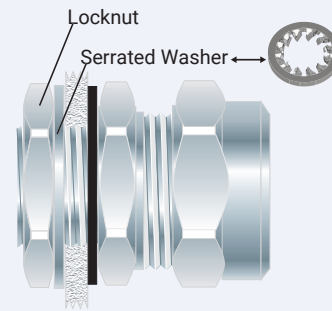


2. To maintain IP66/68 ensure the gasket (2) is in place. Remove the locknut (1).

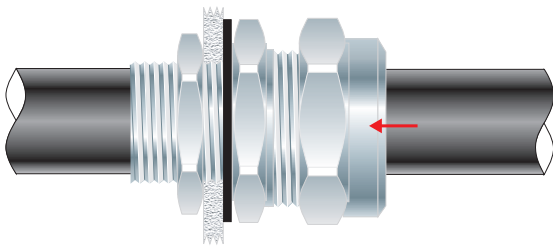


3. Screw the inner (3) into the apparatus and tighten to the installation torque using a CCG Spanner (5). Tighten the locknut (1).

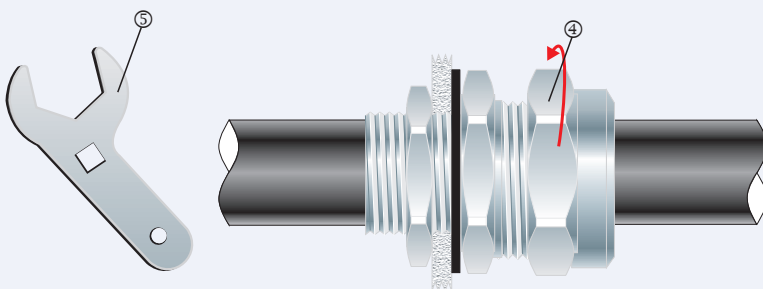
Alternative installation through an unthreaded entry.



If the apparatus is unthreaded use a locknut.



4. Pass the cable end through the gland assembly.



5. Tighten the outer (4) to the installation torque using a CCG Spanner (5).