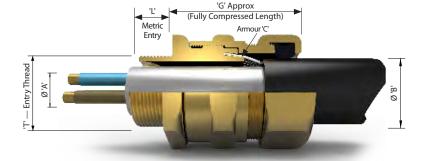
CABLE GLAND

TMCW





A robust and simple design for applications using SWA or AWA cable in a heavy industrial environment which is exposed to dust or extreme weather conditions. All cable glands can be supplied with a shroud, lock nut, serrated washer and an earth tag.

| Cable Gland Selection Table | | | | | | | | | | |
|-----------------------------|--|----------------------------|---------------------------------|------------------------|------------------|------|------------|------|--------------------|-------------------|
| Cable Acceptance Details | | | | | | | | | | |
| | Entry Thread Size 'T' | | | | Outer Sheath 'B' | | | | Hexagon Dimensions | |
| Size Ref. | Metric | NPT* Standard or Option | Length of Thread (mm) 'L' | Inner Sheath 'A' | Min | Max | Armour 'C' | 'G' | Across Flats | Across Corners |
| Os | M20 ² | 1⁄2" | 10 | 8.0 | 6.5 | 16.0 | 0.8/1.25 | 49.0 | 24.0 | 26.5 |
| 0 | M20 ² | 1⁄2" | 10 | 11.9 | 6.5 | 16.0 | 0.8/1.25 | 49.0 | 24.0 | 26.5 |
| Α | M20 | 3⁄4" or 1⁄2" | 10 | 14.3 | 11.5 | 20.9 | 0.8/1.25 | 49.0 | 30.0 | 32.5 |
| В | M25 | 1" or ¾" | 10 | 20.2 | 17.0 | 27.2 | 1.25/1.6 | 52.0 | 36.0 | 39.5 |
| С | M32 | 1¼" or 1" | 10 | 26.5 | 23.5 | 33.6 | 1.6/2.0 | 60.0 | 46.0 | 50.5 |
| C2 | M40 | 1½" or 1¼" | 15 | 32.5 | 31.0 | 43.0 | 1.6/2.0 | 63.0 | 55.0 | 60.6 |
| D | M50 | 2" or 1½" | 15 | 44.4/42.3 ¹ | 36.0 | 52.6 | 2.0/2.5 | 70.0 | 65.0 | 70.8 |
| E | M63 | 21⁄2" or 2" | 15 | 56.3/54.3 ¹ | 52.0 | 65.3 | 2.0/2.5 | 76.0 | 80.0 | 88.0 |
| F | M75 | 3" or 2½" | 15 | 68.2/65.3 ¹ | 64.0 | 78.0 | 2.0/2.5 | 76.0 | 95.0 | 104.0 |
| | 'T' - metric entry threads are 1.5mm pitch as standard. All dimensions in millimetres (excent * where dimensions are in inches). | | | | | | | | | |

'T' - metric entry threads are 1.5mm pitch as standard. All dimensions in millimetres (except * where dimensions are in inches).

¹Smaller value is applicable when selecting reduced NPT entry option ² Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner sheath diameter is 10.9mm

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| Construction and Test Standards | BS EN 62444:2013 BS6121: Part 1 type CW |
|---------------------------------|---|
| Ingress Protection | IP66 IEC/EN 60529 |
| Material | Brass (standard), Nickel Plated Brass, 316L Stainless Steel with Neoprene Seal |
| Operating Temperature | Range: -60°C to +100°C |
| Clamping Arrangement | Two part armour clamp, single compression seal |
| Earth | Electrical continuty using the armour wire termination (SWA, AWA) |
| Cable Type HICW | Single Wire Armour SWA and AWA |
| Cable Type H1CX | Braid Wire Armour, Pliable Wire Armour (PWA), Steel Tape Armour (STA) |
| Kit Information | Stand kit also available with a low smoke option. Use STD for Standard kit or LSF for low smoke |
| Assembly Instructions | AI 506 |

Features

- Simple robust 4 piece single compression cable gland
- Simple mechanical clamping arrangement for all SWA and AWA cable
- Ease of assembly
- High quality materials with exceptional anti corrosion properties
- UV stable seal
- Tested to the latest industrial standards
- Excellent sealing range
- EMC tested
- All hexagon parts are the same size
- Provides cable retention seal onto the cables Outer Sheath

Note: Displacement or Compression seals do not prevent cold flow. IP seal required to maintain IP66.

