

# CW Integral Earth Gland Kit

## 419CE Series



**The CW integral earth is an industrial cable gland for SWA cables when requiring the highest fault current capabilities.**

### Features and benefits:

- Indoor & outdoor type for SWA cable.
- Brass indoor & outdoor gland with Earth bonding Connection
- For galvanized-steel single-wire armour plastic or rubber sheathed cables
- Suitable for most climatic conditions, weatherproof and waterproof
- Three part armour lock with separate armour locking ring, ideal for

## Technical Information:

Suitable for use with all Steel Wire Armoured Cables inc: BS 5467, BS 6622, BS 5308

CuZn39Pb3 brass alloy used for guaranteed strength and performance

Complies with BS EN 50262 & BS 6121-1: 1989

Integral earth connection complies with GDCD 190 Category A - (43.3kA for 1 second)

Gland rated to IP66 with use of suitable sealing washer or thread sealant at gland interface

Service temperature range -20°C to +90°C

## Specifications

| Gland Kit Reference |      |             | Cable Dimensions mm       |               |       |                  | Gland Dimensions mm |                      |                          |         |         |
|---------------------|------|-------------|---------------------------|---------------|-------|------------------|---------------------|----------------------|--------------------------|---------|---------|
| Design Reference    | Size | Qty per Kit | Under Armour<br>Max Ø (A) | Overall Ø (B) |       | Armour<br>Wire Ø | Entry Thread<br>(D) | Thread Length<br>(E) | Protrusion Length<br>(F) | Hexagon |         |
|                     |      |             |                           | Min           | Max   |                  |                     |                      |                          | A/F (G) | A/C (H) |
| 419CE-52            | 20S  | 1           | 11.6                      | 8.0           | 15.8  | 0.9/1.25         | M20×1.5             | 10                   | 56                       | 30.5    | 34      |
| 419CE-53            | 20   | 1           | 13.9                      | 11.7          | 20.8  | 0.9/1.25         | M20×1.5             | 10                   | 56                       | 30.5    | 34      |
| 419CE-55            | 25   | 1           | 19.9                      | 17.0          | 27.2  | 1.25/1.6         | M25×1.5             | 10                   | 63                       | 42.4    | 48      |
| 419CE-56            | 32   | 1           | 26.2                      | 23.5          | 33.5  | 1.6/2.0          | M32×1.5             | 10                   | 73                       | 56.4    | 61.5    |
| 419CE-57            | 40   | 1           | 32.1                      | 29.0          | 39.9  | 1.6/2.0          | M40×1.5             | 15                   | 77                       | 56.4    | 61.5    |
| 419CE-59            | 50   | 1           | 44.0                      | 39.5          | 52.6  | 2.0/2.5          | M50×1.5             | 15                   | 84                       | 70.1    | 77.2    |
| 419CE-61            | 63   | 1           | 55.9                      | 51.3          | 65.3  | 2.5              | M63×1.5             | 15                   | 84                       | 90.1    | 100     |
| 419CE-63            | 75   | 1           | 67.9                      | 62.5          | 78.0  | 2.5              | M75×1.5             | 15                   | 94                       | 106.2   | 117     |
| 419CE-64            | 85   | 1           | 74.0                      | 68.0          | 88.0  | 3.15             | M85×2.0             | 20                   | 125                      | 115     | 126     |
| 419CE-65            | 90   | 1           | 79.0                      | 79.0          | 90.0  | 3.15             | M90×2.0             | 20                   | 152                      | Ø 132.5 |         |
| 419CE-66            | 100  | 1           | 89.0                      | 89.0          | 99.0  | 3.15             | M100×2.0            | 20                   | 152                      | Ø 132.5 |         |
| 419CF-67            | 110  | 1           | 99.5                      | 99.5          | 112.5 | 3.15             | M110×2.0            | 20                   | 152                      | Ø 138.5 |         |

