# Comet Weatherproof Type Double Compression Cable Gland Suitable For Armoured Cables

## Application :

For use under most climatic conditions & generally for armored cables & outdoor use. These are Weather proof and may be used in the corrosive condition when protected by a shroud.

# Technical Data

## Materials & Finishes :

**M. O. C :**
a. Cable Gland is manufactured in Brass (standard).
b. Alternative material - Stainless Steel / Aluminium.

**Sealing Ring :** Neoprene Rubber

**Thread :**
a. Glands are supplied with B.S.C. thread (ET) as standard.
b. Alternative thread forms available are - NPT / PG / BSP / MM etc.

**Finish :**
a. Nickel Plated (standard)
b. Alternative Plating - Tin / Cadmium / Chrome

**Protection Class:** IP 66 as per IEC 60529:1999

**Ref. Standard :** BS 6121 : 2005 (BS EN 50262)

## Accessories

Shrouds and Earth tags are supplied separately and should be specified when ordering the gland.

## Specifications :

Gland consist of locknut 1, washer 2, armour clamping nut 3, neoprene inner ring 4, armour clamping cone 5, armour clamping ring 6, gland body 7, neoprene outer ring 8, skid washer 9 & outer seal nut 10, All metal parts are made of brass accurately machined for ease of assembly.

## Fitting sequence

1) Pass item 10,9,8,7 respectively over cable before commencing to strip oversheath.
2) Remove the outer sheath and pass item 6 over exposed armour.
3) Cut armour to length, lift wire ends, pass item 5 over exposed bedding, and beneath armour.
4) Pass item 4.
5) Pass cable end through item 3.
6) Engage item 7 and 3 and tighten up.
7) Engage item 10 and 7 and tighten up.
8) Screw item 3, 2 into apparatus (secure with item 1 if plain hole entry.)

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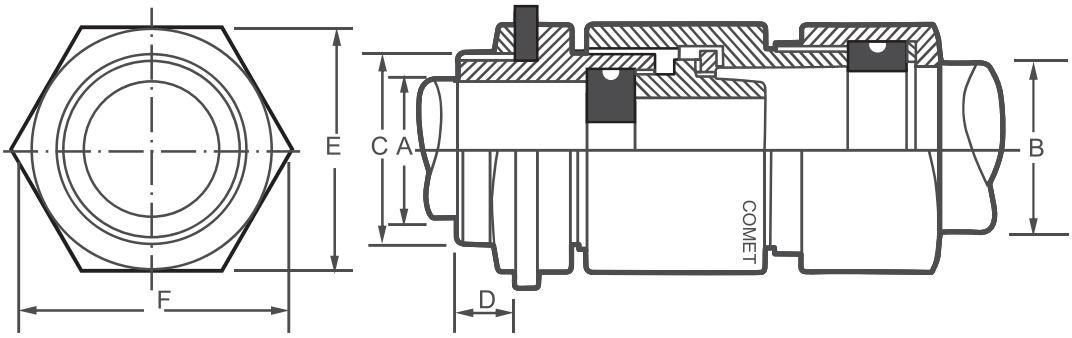


| Cable Dimensions | | | | Gland Dimensions | | | | |
|---|---|---|---|---|---|---|---|---|
| CBW SERIES | A (Under armour Dia) mm | B (Over all Dia) mm | Armour diameter mm | Entry Thread C (ET) | Entry Thread C (MM) | D (Length) mm | E (Across Flat) mm | F (Across Corner) mm |
| CBW01SS | 8.0 | 12.0 | 0.8/1.4 | 3/4″ | M20 | 15.0 | 21.5 | 24.5 |
| CBW01S | 11.0 | 16.5 | 0.8/1.4 | 3/4″ | M20 | 15.0 | 25.0 | 29.0 |
| CBW01 | 12.0 | 18.0 | 0.8/1.4 | 3/4″ | M20 | 15.0 | 28.0 | 32.0 |
| CBW01A | 12.0 | 18.0 | 0.8/1.4 | 1″ | M25 | 15.0 | 28.0 | 32.0 |
| CBW02 | 14.0 | 20.0 | 0.8/1.4 | 1″ | M25 | 15.0 | 31.5 | 36.5 |
| CBW02A | 14.0 | 20.0 | 0.8/1.4 | 3/4″ | M20 | 15.0 | 31.5 | 36.5 |
| CBW03 | 17.0 | 23.0 | 0.8/1.4 | 1″ | M25 | 15.0 | 32.0 | 37.0 |
| CBW04 | 20.0 | 26.0 | 0.8/1.4 | 1″ | M25 | 15.0 | 38.0 | 44.0 |
| CBW04A | 20.0 | 26.0 | 0.8/1.4 | 1.1/4″ | M32 | 15.0 | 38.0 | 44.0 |
| CBW05 | 24.0 | 30.0 | 0.8/1.4 | 1.1/4″ | M32 | 15.0 | 41.0 | 47.0 |
| CBW05A | 24.0 | 30.0 | 0.8/1.4 | 1.1/2″ | M40 | 15.0 | 41.0 | 47.0 |
| CBW06 | 27.0 | 33.0 | 0.8/1.4 | 1.1/2″ | M40 | 15.0 | 47.0 | 54.0 |
| CBW06A | 27.0 | 33.0 | 0.8/1.4 | 1.1/4″ | M32 | 15.0 | 47.0 | 54.0 |
| CBW07 | 30.0 | 37.0 | 0.8/1.4 | 1.1/2″ | M40 | 15.0 | 52.0 | 58.0 |
| CBW08 | 35.0 | 41.0 | 0.8/1.4 | 2″ | M50 | 15.0 | 56.0 | 64.0 |
| CBW09 | 40.0 | 46.0 | 0.8/1.4 | 2″ | M50 | 15.0 | 59.0 | 67.0 |
| CBW010 | 46.0 | 52.0 | 0.8/1.4 | 2″ | M50 | 20.0 | 66.5 | 77.0 |
| CBW010A | 46.0 | 52.0 | 0.8/1.4 | 2.1/2″ | M63 | 20.0 | 66.5 | 77.0 |
| CBW011S | 50.0 | 56.0 | 0.8/1.4 | 2.1/2″ | M63 | 20.0 | 74.0 | 85.0 |
| CBW011 | 54.0 | 60.0 | 0.8/1.4 | 2.1/2″ | M63 | 20.0 | 80.0 | 92.0 |
| CBW012 | 60.0 | 66.0 | 0.8/1.4 | 3″ | M75 | 20.0 | 85.0 | 97.0 |
| CBW013A | 66.0 | 72.0 | 0.8/1.4 | 3″ | M75 | 20.0 | 90.0 | 103.0 |
| CBW013 | 72.0 | 78.0 | 0.8/1.4 | 3.1/4″ | M82 | 20.0 | 99.0 | 113.0 |
| CBW014 | 78.0 | 84.0 | 0.8/1.4 | 3.1/2″ | M90 | 20.0 | 105.0 | 122.0 |
| CBW015 | 88.0 | 94.0 | 0.8/1.4 | 4″ | M100 | 20.0 | 117.0 | 135.0 |
| CBW016 | 98.0 | 105.0 | 0.8/1.4 | 4.1/2″ | M110 | 20.0 | 130.0 | 149.0 |