

**Application :**

For use under hazardous climatic conditions & generally for armored cables & outdoor use. These are weatherproof & may be used in the corrosive conditions 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 :** IEC 60079-1:2007,  
IEC 60079-0:2004

**Approvals :**

COMET flameproof glands are approved by Central Mining Research Institute, Dhanbad. (Approved by CIMFR, PESO/ CCOE - NAGPUR)

**Specification :**

Gland consist of lock nut 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.

**Accessories**

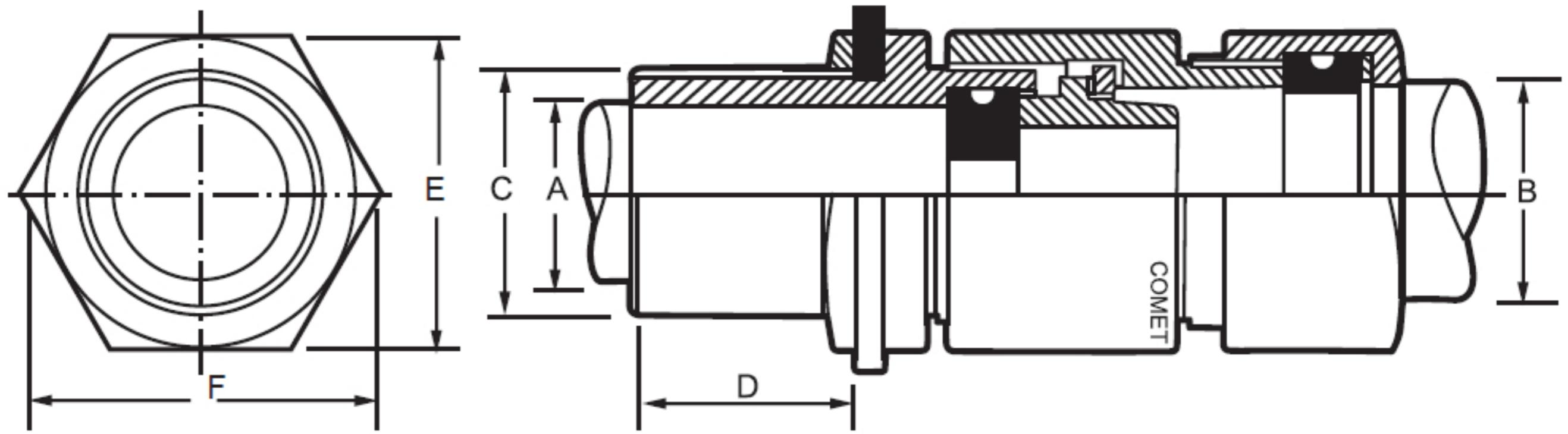
Shrouds and Earth tags are supplied separately and should be specified when ordering the gland.

**Fitting sequence**

- 1) Pass item 10,9,8,7 respectively over cable before commencing to strip oversheath.
- 2) Remove the oversheath 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.)



**COMET Flamerproof Type Double Compression Cable Gland Suitable For Armoured Cables For Gas Group IIA / IIB**



Cable Dimensions				Gland Dimensions				
CBF SERIES	A (Under armour Dia) mm	B (Over all Dia) mm	Armour diameter	Entry Thread		D (Length) mm	E (Across Flat) mm	F (Across Corner) mm
				C (ET)	(MM)			
CBF01SS	8.0	13.0	0.8/1.4	3/4"	M20	25.0	21.5	24.5
CBF01S	11.0	16.5	0.8/1.4	3/4"	M20	25.0	25.0	29.0
CBF01	12.0	18.0	0.8/1.4	3/4"	M20	25.0	28.0	32.0
CBF01A	12.0	18.0	0.8/1.4	1"	M25	25.0	28.0	32.0
CBF02	14.0	20.0	0.8/1.4	1"	M25	25.0	31.5	36.5
CBF02A	14.0	20.0	0.8/1.4	3/4"	M20	25.0	31.5	36.5
CBF03	17.0	23.0	0.8/1.4	1"	M25	25.0	32.0	37.0
CBF04	20.0	26.0	0.8/1.4	1"	M25	25.0	38.0	44.0
CBF04A	20.0	26.0	0.8/1.4	1.1/4"	M32	25.0	38.0	44.0
CBF05	24.0	30.0	0.8/1.4	1.1/4"	M32	25.0	41.0	47.0
CBF05A	24.0	30.0	0.8/1.4	1.1/2"	M40	25.0	41.0	47.0
CBF06	27.0	33.0	0.8/1.4	1.1/2"	M40	25.0	47.0	54.0
CBF06A	27.0	33.0	0.8/1.4	1.1/4"	M32	25.0	47.0	54.0
CBF07	30.0	37.0	0.8/1.4	1.1/2"	M40	25.0	52.0	58.0
CBF08	35.0	41.0	0.8/1.4	2"	M50	25.0	56.0	64.0
CBF09	40.0	46.0	0.8/1.4	2"	M50	25.0	59.0	67.0
CBF010	46.0	52.0	0.8/1.4	2"	M50	25.0	66.5	77.0
CBF010A	46.0	52.0	0.8/1.4	2.1/2"	M63	25.0	66.5	77.0
CBF011S	50.0	56.0	0.8/1.4	2.1/2"	M63	25.0	74.0	85.0
CBF011	54.0	60.0	0.8/1.4	2.1/2"	M63	25.0	80.0	92.0
CBF012	60.0	66.0	0.8/1.4	3"	M75	25.0	85.0	97.0
CBF013A	66.0	72.0	0.8/1.4	3"	M75	25.0	90.0	103.0
CBF013	72.0	78.0	0.8/1.4	3.1/4"	M82	25.0	99.0	113.0
CBF014	78.0	84.0	0.8/1.4	3.1/2"	M90	25.0	105.0	122.0
CBF015	88.0	94.0	0.8/1.4	4"	M100	25.0	117.0	135.0
CBF016	98.0	105.0	0.8/1.4	4.1/2"	M110	25.0	130.0	149.0