

HEX SINGLE COMPRESSION MEDIUM DUTY TYPE CABLE GLANDS

TECHNICAL DATA :

Material	: Brass as per IS 319
Plating	: Nickel Standard Chrome on request
Entry Threads	: BSC Standard Metric also available
Sealing Rubber Ring	: Synthetic / Natural
Series	: HC



APPLICATION :

Single Compression Glands are used under regular climatic conditions. These are Weather Proof and Dust Proof and may be used in corrosive conditions when protected by a shroud.

PARTS OF GLAND :

- 1) Brass Check Nut
- 2) Brass Gland Body
- 3) MS Washers (3 Nos.)
- 4) Rubber Outer Seal
- 5) Brass Compression Nut

All metal parts are accurately machined for ease of assembly.

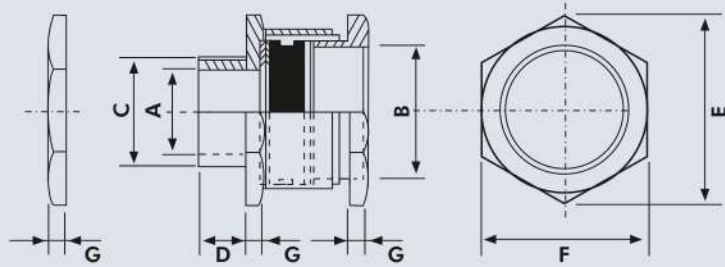
ACCESSORIES

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

ASSEMBLY SEQUENCE

- a) Screw item 2 into apparatus (secure with item 1 if plain hole entry).
- b) Pass items 5, 3 and 4 over cable before commencing to strip outer sheath.
- c) Remove the outer sheath to the desired length depending on the lengths of leads required.
- d) Pass item 3 over the cable and splay out the armour wires one by one and then cut the armour wires according to the size of the washer. Insert the third metal washer over the inner sheath of the cable so that the bent armours are secured between the metal washer and the gland body.
- e) Push the cable through item 2 and screw the item 5 into item 2. While doing so, the grooved rubber ring will contract in a radial direction and will grip the outer sheath of the cable.

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Suitable Cable. Overall Dia.(mm)		Nipple Entry Thread		Cable Gland Dimension							Product Code
From	To	Inch.	mm	A	B	C	D	E	F	G	
6.00	9.00	5/8"	16	12.00	12.50	15.50	5.00	17.50	20.00	2.50	HC - 3/8"
9.00	12.00	5/8"	16	12.00	15.00	15.50	6.50	20.30	23.50	2.50	HC - 1/2"
12.00	14.00	3/4"	19	15.50	15.50	18.50	6.50	20.30	23.50	2.50	HC - 5/8"
14.00	16.00	3/4"	19	15.00	17.80	18.50	6.50	22.30	25.50	2.50	HC - 3/4"
16.00	18.00	3/4"	19	15.50	20.00	18.50	8.00	24.40	28.00	3.00	HC - 7/8"
18.00	21.50	1"	25	21.50	23.50	25.00	8.00	28.00	32.00	3.00	HC - 1"
21.50	26.00	1 1/8"	28	25.30	28.00	28.00	8.50	33.60	38.60	3.50	HC - 1 1/8"
26.00	31.00	1 1/4"	32	27.70	31.50	32.00	9.00	36.50	42.00	3.50	HC - 1 1/4"
31.00	33.00	1 3/8"	35	31.00	33.70	35.00	9.50	39.50	45.00	4.00	HC - 1 3/8"
34.00	38.00	1 1/2"	38	33.80	39.00	38.00	9.50	44.50	51.30	4.50	HC - 1 1/2"
38.00	42.00	1 3/4"	45	41.00	44.50	45.00	11.00	50.30	58.00	4.00	HC - 1 3/4"
42.00	48.00	2"	50.5	45.70	51.75	50.50	11.50	58.00	67.00	4.50	HC - 2"
48.00	54.00	2 1/4"	57	52.50	57.50	57.00	11.00	64.00	73.50	4.50	HC - 2 1/4"
54.00	60.00	2 1/2"	63	58.00	62.50	63.00	12.00	69.50	80.50	5.00	HC - 2 1/2"
60.00	66.00	2 3/4"	70	63.00	69.00	75.50	14.00	77.00	89.00	4.50	HC - 2 3/4"
66.00	72.00	3 "	75	70.00	75.50	81.50	14.00	83.00	95.50	5.00	HC - 3"
72.00	78.00	3 1/4"	82	76.50	81.50	81.50	15.00	90.50	104.50	5.00	HC - 3 1/4"
78.00	84.00	3 1/2"	88	76.00	85.00	81.50	15.00	94.50	109.00	5.00	HC - 3 1/2"
84.00	92.00	4"	100	93.00	101.00	99.00	16.00	111.00	128.00	5.00	HC - 4"