HEX®

AN ISO 9001 COMPANY

BRASS CABLE GLANDS

& ACCESSORIES

CRIMPING TOOLS



History in Engineering eXcellence



The HEX factory in Jamnagar, Gujarat

Welcome to the fascinating world of **HEX.**

This globally renowned brand is very well known in the arena of Cable Accessories, Earthing & Lightning Protection Systems.

HEX started its manufacturing operations in 1991 at Vapi, Gujarat. This humble beginning made in a small workshop, has grown into one of Asia's largest industry offering a wide range of advanced solutions, services & products.

In line with its policy of continual growth, **HEX** added one more feather to its cap by starting manufacturing operations in Jamnagar in 2011. This plant manufactures brass cable glands, brass & gun metal accessories used in the lightning & earthing industry & crimping tools. The products manufactured in this plant are of very high quality & have been approved by various certifying bodies. They are showcased in this catalogue for your perusal.

Our large & diverse base of valuable customers spread all over India & in most countries worldwide are a testimony to the history of our dedication & growth. The values on which this company was founded continue to spur us on even today towards the goals which we are committed to achieve for a sustainable future.

For us, sustainability means acting in the best interest of coming generations – with respect to the economy, the environment and society.

As you browse through our website, we hope you will find what you are looking for. If not, just send us your inquiry or give us a call. If it is relevant to our line of work, we will be happy to provide a solution.







Awards For Export Excellence Presented By The Hon'ble Minister of External Affairs Shri Pranab Mukherjee At Kolkatta For The Year 2006-2007







Awards For Export Excellence Presented By The Hon'ble Minister of Industries, Employment & Self-employment Shri Rajendra Jawaharlal Darda At Mumbai For The Year 2007-2008







Awards For Export Excellence Presented By The Hon'ble Union Minister of Commerce & Industry Shri Ashok Sharma At Banglore For The Year 2008-2009

LIST OF CERTIFICATES

1. HEX Single Compression Cable Gland HCSCG – (SIBG) Series are as per the specification of IS 12943 : 2000 with IP 65 as per IS/IEC 60529 : 2001 Type Test Report No. CIMFR/TC/P/H 420.

2. HEX Double Compression Weather Proof Cable Glands are as per BS 6121 with IP 65 as per IS/IEC 60529 : 2001 Type Test Report No. CIMFR/TC/P/H/419.

3. HEX Double Compression Flame Proof – cum – Weather Proof Cable Glands are as per BS 6121 with IP 66, Flame Proof as per IS/IEC 60079 – 1 : 2007 & Weather Proof as per IS/IEC 60529 : 2001 (Gas Group IIA, IIB Zone 1 & 2 atmosphere) Type Test Report No. CIMFR/TC/Amend/01.

4. HEX Double Compression Flame Proof – cum – Weather Proof Cable Glands are as per BS 6121 with IP 66, Flame Proof as per IS/IEC 60079 – 1 : 2007 & Weather Proof as per IS/IEC 60529 : 2001 (Gas Group IIC Zone 1 & 2 atmosphere) Type Test Report No. CIMFR/TC/P/H/749.

5. HEX Flame Proof/Weather Proof Stopping Plugs are as per IP 66, Flame Proof as per IS/IEC 60079 – 1 : 2007 & Weather Proof as per IS/IEC 60529 : 2001 (Gas Group IIC Zone 1 & 2 atmosphere) Type Test Report No. CIMFR/TC/P/885.

6. HEX Flame Proof/Weather Proof Reducers are as per IP 66, Flame Proof as per IS/IEC 60079 – 1 : 2007 & Weather Proof as per IS/IEC 60529 : 2001 (Gas Group IIC Zone 1 & 2 atmosphere) Type Test Report No. CIMFR/TC/P/H/527.

7. HEX Flame Proof/Weather Proof Double Compression Cable Glands are as per IP 66, Flame Proof as per IS/IEC 60079 – 1 : 2007 & Weather Proof as per IS/IEC 60529 : 2001 (Gas Group I atmosphere only) Type Test Report No. CIMFR/TC/P/H/834.



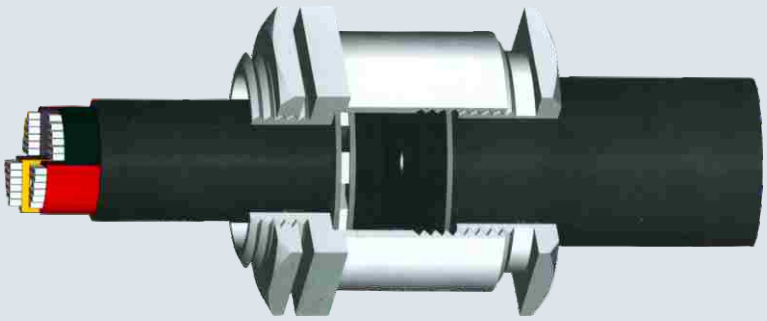



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HEX SINGLE COMPRESSION HEAVY DUTY (SIBG) TYPE CABLE GLANDS

TECHNICAL DATA :

Material	:	Brass as per IS 319 Also available in Al./S.S./M.S.
Plating	:	Nickel Standard Chrome on request
Entry Threads	:	Metric Standard Also available in PG/BSC/NPT/BSP/NT
Sealing Rubber Ring	:	Synthetic / Natural
Gland Standard	:	IS 12943 : 2005
Ingress Protection	:	IP-65 as per IS/IEC 60529 : 2001
Test Cert.No.	:	CIMFR/TC/P/H/420 (Dt.04.09.2012)
Series	:	HCSCG





1 2 3 3 4 3 5

APPLICATION :

Single Compression Glands are used under regular climatic conditions. These are Weather Proof and Dust Proof (IP 60) 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.

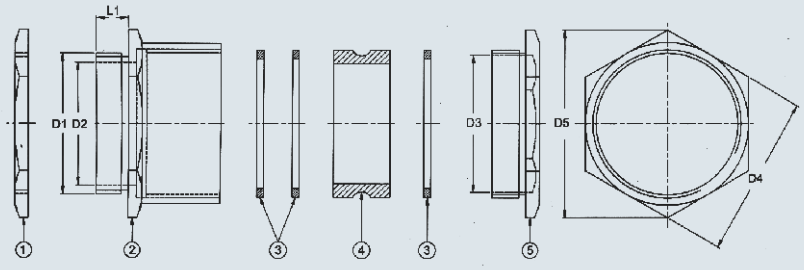
c) Remove the outer sheath to the desired length depending on the lengths of leads required.

d) Pass item 3 over the cable and play 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.

HEX SINGLE COMPRESSION HEAVY DUTY (SIBG) TYPE CABLE GLANDS





Suitable Cable. Overall Dia.(mm)		D1 Nipple Entry	D2 Dia	D3 Dia	D4 (A / F)	D5 (A / C)	L1 Length	Product Code
From	To	Thread mm	mm	mm	mm	mm	mm	
9.0	12.0	16	12	16	22	25.5	9	HCSCG-1
12.0	15.0	16	12	18.5	25	29	9	HCSCG-2
12.0	15.0	20	15	18.5	25	29	9	HCSCG-3
15.0	18.0	20	15	24	30	34.5	9.5	HCSCG-4
16.0	20.0	25	20.5	24	31.5	36	9.5	HCSCG-5
20.0	24.0	25	20.5	28.5	35	40	10	HCSCG-6
24.0	28.0	32	27	33	40	46	12	HCSCG-7
28.0	32.0	40	34	37	46	53	12	HCSCG-8
33.0	37.0	40	34	41	50	57.5	12	HCSCG-9
37.0	42.0	50	44	47	58	67	13	HCSCG-10
43.0	48.0	50	44	52	65	75	13	HCSCG-11
49.0	54.0	63	55	61.5	73	84	14	HCSCG-12
55.0	60.0	63	55	65	77	89	14	HCSCG-13
61.0	66.0	75	68	71	85	98	15	HCSCG-14
67.0	72.0	75	67	76	90	104	15	HCSCG-15
73.0	78.0	82	73	82	97	112	17	HCSCG-16
79.0	84.0	90	81	91	108	124	19	HCSCG-17
84.5	92.0	100	91	98	117	135	20	HCSCG-18
93.0	100.0	110	100	107	127	146	25	HCSCG-19
101.0	115.0	125	113	118	142	164	25	HCSCG-20

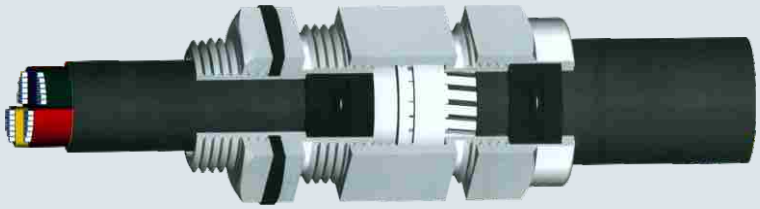
NOTE : Pitch of threads is 1.5 mm.

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HEX WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS

TECHNICAL DATA :

Material	:	Brass as per IS 319 Also available in Al./S.S./M.S.
Plating	:	Nickel Standard Chrome on request
Entry Threads	:	BSC Standard Also available in PG/Metric/NPT/BSP/ET
Sealing Rubber Ring	:	Natural / Neoprene
Gland Standard	:	BS 6121-1:2005
Ingress Protection	:	IP-67 as per IS/IEC 60529
Test Cert.No.	:	E-2327 - URL No. TC574319000125500F (Dt.31.12.2019)
	:	CIMFR/TC/P/H/419 (Dt.04.09.2012)
Series	:	HCGW (For Strip/Flat Armoured Cable)





1 2 3 4 5 6 7 8 9

APPLICATION :

These glands are used under most climatic conditions and are used in corrosive conditions when protected by a shroud.

PARTS OF GLAND :

1) Brass Check Nut
2) Rubber Washer
3) Brass Gland Body
4) Rubber Inner Seal
5) Brass Armour Clamping Cone
6) Brass Armour Clamping Ring
7) Brass Armour Clamping Nut
8) Rubber Outer Seal
9) Brass Compression Nut

All metal parts are accurately machined for ease of assembly.

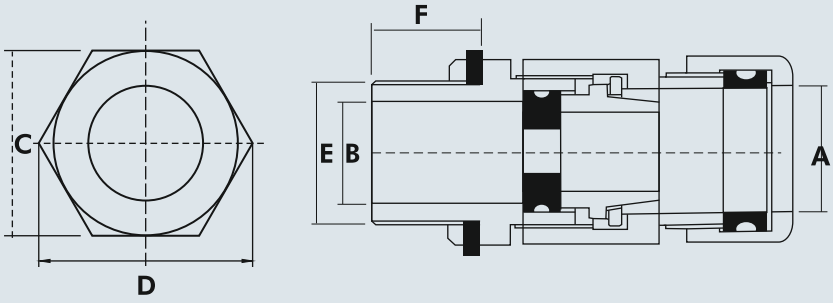
ACCESSORIES :

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

ASSEMBLY SEQUENCE :

a) Engage & tighten item 2 and 3 into apparatus (Secure with item 1 if plain hole entry).
b) Pass item 9, 8 and 7 respectively over the cable before commencing to strip outer sheath.
c) Remove the sheath to the desired length depending on the lengths of leads required and pass item 6 over the exposed armour.
d) Cut the armour to length, lift wire ends, pass item 5 over the exposed be ath the armour.
e) Insert items 4 and 3 on the bedding of the cable.
f) Engage and tighten items 7 and 3.
g) Engage and tighten items 9 and 7.

HEX WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS



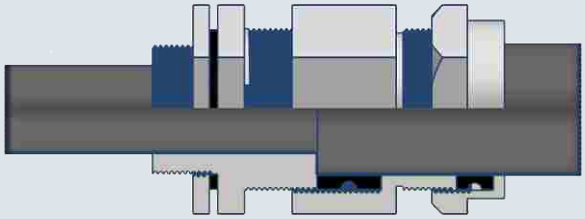
Suitable Cable. Overall Dia.(mm)		A Dia	B Dia	C (A / F)	D (A / C)	E Nipple Entry Thread			Length	F Product Code
From	To	mm	mm	mm	mm	Inch	mm	npt	mm	
6.00	13.00	15.00	12.50	22.00	25.00	3/4"	M20 X 1.5	1/2" NPT	15.00	HCGW 01SS
13.00	16.50	17.00	14.50	25.00	28.00	3/4"	M20 X 1.5	1/2" NPT	15.00	HCGW 01S
16.50	18.50	19.00	14.50	27.50	31.50	3/4"	M20 X 1.5	1/2" NPT	15.00	HCGW 01
16.50	18.50	19.00	14.50	27.50	31.50	1"	M25 X 1.5	3/4" NPT	15.00	HCGW 01A
18.50	20.00	22.00	14.50	31.00	36.00	1"	M25 X 1.5	3/4" NPT	15.00	HCGW 02
18.50	20.00	22.00	19.00	31.00	36.00	3/4"	M20 X 1.5	1/2" NPT	15.00	HCGW 02A
20.00	23.00	23.00	19.00	31.00	36.00	1"	M25 X 1.5	3/4" NPT	15.00	HCGW 03
23.00	26.00	27.00	20.50	37.00	42.00	1"	M25 X 1.5	3/4" NPT	15.00	HCGW 04
23.00	26.00	27.00	20.50	37.00	44.00	1 1/4"	M32 X 1.5	1" NPT	15.00	HCGW 04A
26.00	30.00	30.00	25.50	41.00	47.00	1 1/4"	M32 X 1.5	1" NPT	15.00	HCGW 05
26.00	30.00	30.00	26.00	41.00	47.00	1 1/2"	M40 X 1.5	1 1/4" NPT	15.00	HCGW 05A
30.00	33.00	34.00	31.50	46.00	53.50	1 1/2"	M40 X 1.5	1 1/4" NPT	15.00	HCGW 06
30.00	33.00	34.00	27.00	46.00	53.50	1 1/4"	M32 X 1.5	1" NPT	15.00	HCGW 06A
33.00	37.00	39.00	31.00	51.00	59.00	1 1/2"	M40 X 1.5	1 1/4" NPT	15.00	HCGW 07
37.00	41.00	43.00	44.00	56.00	64.50	2"	M50 X 1.5	1 1/2" NPT	16.00	HCGW 08
41.00	46.00	47.00	40.00	58.00	67.00	2"	M50 X 1.5	1 1/2" NPT	16.00	HCGW 09
46.00	52.00	53.00	45.00	66.00	76.00	2"	M50 X 1.5	1 1/2" NPT	16.00	HCGW 010
46.00	52.00	53.00	48.00	66.00	76.00	2 1/2"	M63 X 1.5	2" NPT	16.00	HCGW 010A
52.00	56.00	58.00	56.00	74.00	85.00	2 1/2"	M63 X 1.5	2" NPT	16.00	HCGW 011S
54.00	61.00	61.00	56.00	79.00	90.50	2 1/2"	M63 X 1.5	2" NPT	20.00	HCGW 011
61.00	66.00	67.00	65.00	83.00	95.00	3"	M75 X 1.5	2 1/4" NPT	20.00	HCGW 012
66.00	72.00	72.00	67.00	90.50	104.00	3"	M75 X 1.5	2 1/4" NPT	20.00	HCGW 013A
72.00	78.00	79.00	74.00	98.00	113.00	3 1/4"	M82 X 1.5	2 1/2" NPT	20.00	HCGW 013
78.00	84.00	85.00	80.00	106.00	122.00	3 1/4"	M82 X 1.5	2 1/2" NPT	20.00	HCGW 014
84.00	94.00	97.00	90.00	113.00	130.00	4"	M100 X 1.5	3" NPT	20.00	HCGW 015
94.00	104.00	105.00	101.50	126.50	146.00	4 1/2"	M115 X 1.5	3 1/2" NPT	20.00	HCGW 016

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HEX DOUBLE COMPRESSION WEATHER PROOF CABLE GLANDS AS PER BS 6121
WITH IP 66 as per IS13947 for Unarmoured Cables

TECHNICAL DATA :

Material	:	Brass (IS 319) Standard, (Ali./S.S./M.S. also available)Ref.Standard : BS 6121
Plating	:	Nickel Plated Standard (Tin/Cadmium/Chrome also available)
Entry Threads	:	B.S.Cond Standard Application : Generally for outdooe & indoor use for Unarmoured Cables.
Ingress Protection	:	IP 66 as per IS 13947





1 2 3 4 5 6 7

APPLICATION:

Unarmoured glands are used in regular climatic conditions, which are water proof & dust proof (IP66) with the protection of PVC hood it can be used in different areas.

PARTS OF GLAND :

1) Check Nut
2) Washer
3) Nipple Entry Part,
4) Neoprene outer Rubber
5) Main Gland Body
6) Neoprene outer Rubber
7) Skid Washer
8) Gland Cover

As all the metal parts are mode of brass, as per the approved drawing.

ACCESSORIES :

PVC Hood, Earth tag, Stopping Plug, Reducers, Adaptors, etc are available with specified dimensions in accordance to the glan, separately.

ASSEMBLY SEQUENCE :

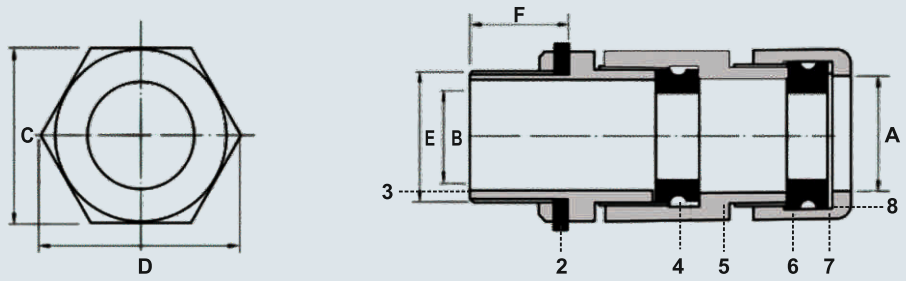
a) Insert part no. 8,7,6,5 & 4 respectively on the outer sheath of the cable.

b) Insert part no. 3 on outer sheath, then tight part no. 3 with part No.5, & tight part no. 8 with part no. 5.

c) Finally apply the full fitted gland in the enclosure with the entry thread provided, if the enclouser does not have thread than tight the gland with the part no.1 provided

HEX DOUBLE COMPRESSION WEATHER PROOF CABLE GLANDS AS PER BS 6121

WITH IP 66 as per IS13947 for Unarmoured Cables



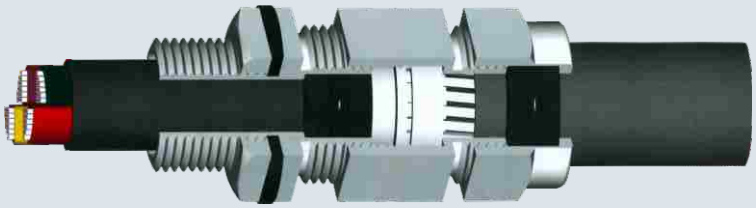
Suitable Cable. Overall Dia.(mm)		A Dia	B Dia	C (A / F)	D (A / C)	E Nipple Entry Thread			F Length	Product Code
From	To	mm	mm	mm	mm	Inch	mm	NPT	mm	
5.00	11.00	13.00	14.00	22.00	25.00	3/4"	M20 X 1.5	1/2" NPT	15.00	UN HCGW 01ss
11.00	14.00	16.50	14.50	25.00	28.00	3/4"	M20 X 1.5	1/2" NPT	15.00	UN HCGW 01s
14.00	18.00	19.00	19.00	27.50	31.50	1"	M25 X 1.5	3/4" NPT	15.00	UN HCGW 01A
18.00	20.00	23.50	20.00	31.00	36.00	1"	M25 X 1.5	3/4" NPT	15.00	UN HCGW 03
22.00	26.00	27.00	26.00	37.00	42.00	1 1/4"	M32 X 1.5	1" NPT	15.00	UN HCGW 04A
26.00	30.00	31.00	31.00	41.00	47.00	1 1/2"	M40 X 1.5	1 1/4" NPT	15.00	UN HCGW 05A
30.00	33.00	34.50	33.00	46.00	53.50	1 1/2"	M40 X 1.5	1 1/4" NPT	15.00	UN HCGW 06
33.00	36.00	38.00	36.00	51.00	59.00	-	M42 X 1.5	-	15.00	UN HCGW 07A
37.00	41.00	42.50	44.00	56.00	64.50	2"	M50 X 1.5	1 1/2" NPT	16.00	UN HCGW 08
41.00	44.00	47.00	44.00	58.00	67.00	2"	M50 X 1.5	1 1/2" NPT	16.00	UN HCGW 09
44.00	52.00	53.00	53.00	66.00	76.00	2 1/2"	M63 X 1.5	2" NPT	16.00	UN HCGW 010A
52.00	56.00	62.00	56.00	79.00	90.50	2 1/2"	M63 X 1.5	2" NPT	17.00	UN HCGW 011
56.00	66.00	68.00	67.00	83.00	95.00	3"	M75 X 1.5	2 1/4" NPT	17.00	UN HCGW 012
66.00	74.00	80.00	74.50	98.00	113.00	3 1/4"	M82 X 1.5	2 1/2" NPT	17.00	UN HCGW 013
74.00	80.00	85.00	80.00	106.00	122.00	3 1/4"	M82 X 1.5	2 1/2" NPT	18.00	UN HCGW 014
80.00	90.00	97.00	90.50	113.00	130.00	4"	M100 X 1.5	3" NPT	18.00	UN HCGW 015
90.00	100.00	106.00	101.00	126.50	146.00	4 1/2"	M115 X 1.5	3 1/2" NPT	20.00	UN HCGW 016

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HEX FLAME PROOF-CUM-WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS
(GAS GROUP IIA, IIB ZONE 1 & 2 ATMOSPHERE)

TECHNICAL DATA :

Material	:	Brass as per IS 319 Also available in AI./S.S./M.S.
Plating	:	Nickel Standard Chrome on request
Entry Threads	:	Metric Standard Also available in BSC/PG/NPT/BSP/ET
Sealing Rubber Ring	:	Neoprene
Gland Standard	:	BS 6121
Ingress Protection	:	Flame Proof testing as per IS/IEC-60079-1 : 2007 Weather Proof testing as per IS/IEC : 60529 : 2001 (IP-66)
Test Cert.No.	:	CIMFR/TC/P/H 834 (Dt.21.03.2014)
Series	:	HCGF





APPLICATION:

These Glands are used in flammable gas / vapours area as well as in climatic conditions which are weather proof, water proof and dust proof (IP 66). They may be used in corrosive conditions when protected by a shroud.

PARTS OF GLAND :

1) Brass Check Nut
2) Rubber Washer
3) Brass Gland Body
4) Rubber Inner Seal
5) Brass Armour Clamping Cone
6) Brass Armour Clamping Ring
7) Brass Armour Clamping Nut
8) Rubber Outer Seal
9) Brass Compression Nut

All metal parts are accurately machined for ease of assembly.

ACCESSORIES :

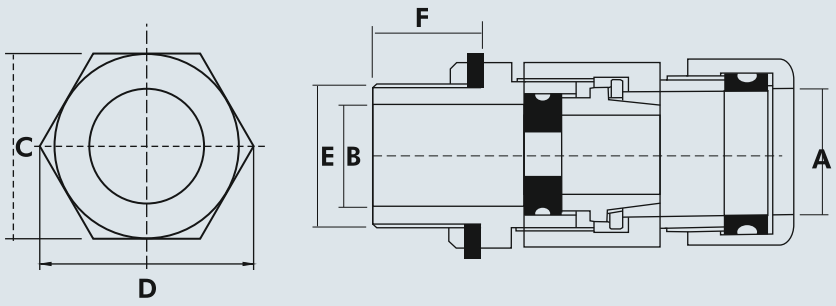
Shrouds, Earth Tags, Stopping Plugs, Reducers, Adaptors, etc are available separately and should be specified when ordering the gland.

ASSEMBLY SEQUENCE :

a) Engage & tighten item 2 and 3 into apparatus (Secure with item 1 if plain hole entry).
b) Pass item 9, 8 and 7 respectively over the cable before commencing to strip outer sheath.
c) Remove the sheath to the desired length depending on the lengths of leads required and pass item 6 over the exposed armour.
d) Cut the armour to length, lift wire ends, pass item 5 over the exposed bedding and beneath the armour.
e) Insert items 4 and 3 on the bedding of the cable.
f) Engage and tighten items 7 and 3.
g) Engage and tighten items 9 and 7.

HEX FLAME PROOF-CUM-WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS

(GAS GROUP IIA, IIB ZONE 1 & 2 ATMOSPHERE)



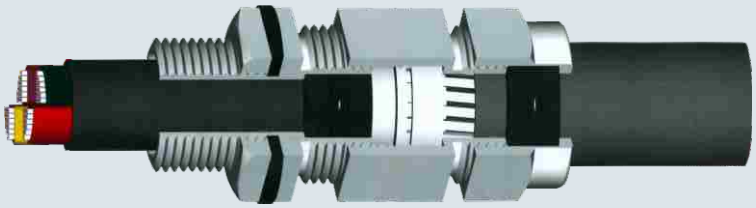
Suitable Cable. Overall Dia.(mm)		A Dia	B Dia	C (A / F)	D (A / C)	E Nipple Entry Thread			Length	F Product Code
From	To	mm	mm	mm	mm	Inch	mm	npt	mm	
6.00	13.00	15.00	12.50	22.00	25.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 01SS
13.00	16.50	17.00	14.50	25.00	28.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 01S
16.50	18.50	19.00	14.50	27.50	31.50	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 01
16.50	18.50	19.00	14.50	27.50	31.50	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 01A
18.50	20.00	22.00	14.50	31.00	36.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 02
18.50	20.00	22.00	19.00	31.00	36.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 02A
20.00	23.00	23.00	19.00	31.00	36.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 03
23.00	26.00	27.00	20.50	37.00	42.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 04
23.00	26.00	27.00	20.50	37.00	44.00	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF 04A
26.00	30.00	30.00	25.50	41.00	47.00	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF 05
26.00	30.00	30.00	26.00	41.00	47.00	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF 05A
30.00	33.00	34.00	31.50	46.00	53.50	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF 06
30.00	33.00	34.00	27.00	46.00	53.50	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF 06A
33.00	37.00	39.00	31.00	51.00	59.00	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF 07
37.00	41.00	43.00	44.00	56.00	64.50	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF 08
41.00	46.00	47.00	40.00	58.00	67.00	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF 09
46.00	52.00	53.00	45.00	66.00	76.00	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF 010
46.00	52.00	53.00	48.00	66.00	76.00	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF 010A
52.00	56.00	58.00	56.00	74.00	85.00	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF 011S
54.00	61.00	61.00	56.00	79.00	90.50	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF 011
61.00	66.00	67.00	65.00	83.00	95.00	3"	M75 X 1.5	2 1/4" NPT	25.00	HCGF 012
66.00	72.00	72.00	67.00	90.50	104.00	3"	M75 X 1.5	2 1/4" NPT	25.00	HCGF 013A
72.00	78.00	79.00	74.00	98.00	113.00	3 1/4"	M82 X 1.5	2 1/2" NPT	25.00	HCGF 013
78.00	84.00	85.00	80.00	106.00	122.00	3 1/4"	M82 X 1.5	2 1/2" NPT	25.00	HCGF 014
84.00	94.00	97.00	90.00	113.00	130.00	4"	M100 X 1.5	3" NPT	25.00	HCGF 015
94.00	104.00	105.00	101.50	126.50	146.00	4 1/2"	M115 X 1.5	3 1/2" NPT	25.00	HCGF 016

HEX®
AN ISO 9001 COMPANY

HEX FLAME PROOF-CUM-WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS
(GAS GROUP IIC ZONE 1 & 2 ATMOSPHERE)

TECHNICAL DATA :

Material	:	Brass as per IS 319 Also available in Al./S.S./M.S.
Plating	:	Nickel Standard Chrome on request
Entry Threads	:	Metric Standard Also available in BSC/PG/NPT/BSP/ET
Sealing Rubber Ring	:	Neoprene
Gland Standard	:	BS 6121
Ingress Protection	:	Flame Proof testing as per IS/IEC-60079-1 : 2007 Weather Proof testing as per IS/IEC : 60529 : 2001 (IP-66)
Test Cert.No.	:	CIMFR/TC/P/H 492 (Dt.08.02.2013)
Series	:	HCGFIIC





1 2 3 4 5 6 7 8 9 10

APPLICATION:

These Glands are used in hydrogen gas / vapours area as well as in climatic conditions which are weather proof, water proof and dust proof (IP 66). They may be used in corrosive conditions when protected by a shroud.

PARTS OF GLAND :

1) Brass Check Nut
2) Rubber Entry Seal Ring
3) Brass Gland Body
4) Rubber Inner Seal Ring
5) Brass Armour Clamping Cone
6) Brass Armour Clamping Ring
7) Brass Armour Clamping Nut
8) Rubber Outer Ring
9) Nylon Skid Washer
10) Brass Compression Nut

All metal parts are accurately machined for ease of assembly.

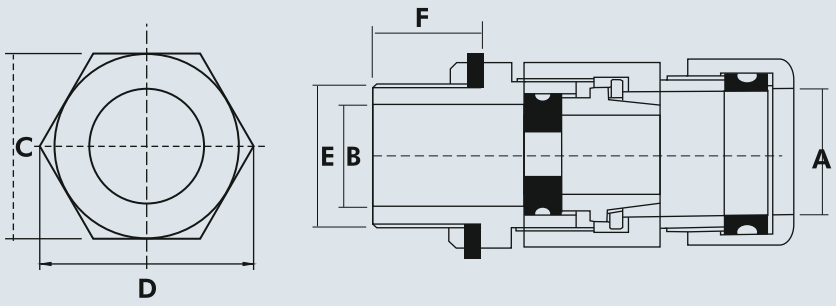
ACCESSORIES

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

ASSEMBLY SEQUENCE

a) Engage & tighten item 2 and 3 into apparatus (Secure with item 1 if plain hole entry).
b) Pass item 10, 9, 8 and 7 respectively over the cable before commencing to strip outer sheath.
c) Remove the sheath to the desired length depending on the lengths of leads required and pass item 6 over the exposed armour.
d) Cut the armour to length, lift wire ends, pass item 5 over the exposed bedding and beneath the armour.
e) Insert items 4 and 3 on the bedding of the cable.
f) Engage and tighten items 7 and 3.
g) Engage and tighten items 9 and 7.

HEX FLAME PROOF-CUM-WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS
(GAS GROUP IIC ZONE 1 & 2 ATMOSPHERE)



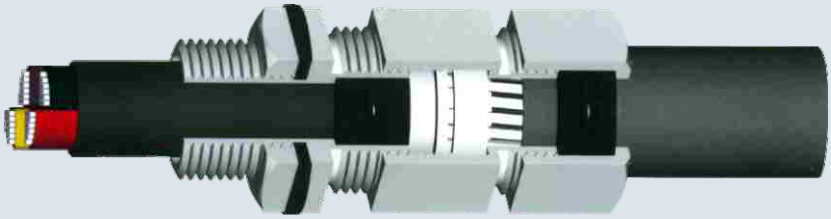
Suitable Cable. Overall Dia.(mm)		A Dia	B Dia	L2 Length	C (A / F)	D (A / C)	E Nipple Entry Thread			L1 Length	F Product Code
From	To	mm	mm	mm	mm	mm	Inch	mm	npt	mm	
6.00	13.00	15.00	12.50	27.00	22.00	25.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF IIC 01SS
13.00	16.50	17.00	14.50	27.00	25.00	28.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF IIC 01S
16.50	18.50	19.00	14.50	27.00	27.50	31.50	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF IIC 01
16.50	18.50	19.00	14.50	27.00	27.50	31.50	1"	M25 X 1.5	3/4" NPT	25.00	HCGF IIC 01A
18.50	20.00	22.00	14.50	27.00	31.00	36.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF IIC 02
18.50	20.00	22.00	19.00	27.00	31.00	36.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF IIC 02A
20.00	23.00	23.00	19.00	27.00	31.00	36.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF IIC 03
23.00	26.00	27.00	20.50	27.00	37.00	42.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF IIC 04
23.00	26.00	27.00	20.50	27.00	37.00	44.00	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF IIC 04A
26.00	30.00	30.00	25.50	27.00	41.00	47.00	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF IIC 05
26.00	30.00	30.00	26.00	27.00	41.00	47.00	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF IIC 05A
30.00	33.00	34.00	31.50	27.00	46.00	53.50	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF IIC 06
30.00	33.00	34.00	27.00	27.00	46.00	53.50	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF IIC 06A
33.00	37.00	39.00	31.00	27.00	51.00	59.00	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF IIC 07
37.00	41.00	43.00	44.00	27.00	56.00	64.50	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF IIC 08
41.00	46.00	47.00	40.00	27.00	58.00	67.00	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF IIC 09
46.00	52.00	53.00	45.00	27.00	66.00	76.00	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF IIC 010
46.00	52.00	53.00	48.00	27.00	66.00	76.00	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF IIC 010A
52.00	56.00	58.00	56.00	27.00	74.00	85.00	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF IIC 011S
54.00	61.00	61.00	56.00	27.00	79.00	90.50	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF IIC 011
61.00	66.00	67.00	65.00	27.00	83.00	95.00	3"	M75 X 1.5	2 1/4" NPT	25.00	HCGF IIC 012
66.00	72.00	72.00	67.00	27.00	90.50	104.00	3"	M75 X 1.5	2 1/4" NPT	25.00	HCGF IIC 013A
72.00	78.00	79.00	74.00	27.00	98.00	113.00	3 1/4"	M82 X 1.5	2 1/2" NPT	25.00	HCGF IIC 013
78.00	84.00	85.00	80.00	27.00	106.00	122.00	3 1/4"	M82 X 1.5	2 1/2" NPT	25.00	HCGF IIC 014
84.00	94.00	97.00	90.00	27.00	113.00	130.00	4"	M100 X 1.5	3" NPT	25.00	HCGF IIC 015
94.00	104.00	105.00	101.50	27.00	126.50	146.00	4 1/2"	M115 X 1.5	3 1/2" NPT	25.00	HCGF IIC 016

HEX®
AN ISO 9001 COMPANY

HEX DOUBLE COMPRESSION TYPE CABLE GLANDS MEDIUM DUTY

TECHNICAL DATA :

Material	: Brass as per IS 319
Plating	: Nickel
Entry Threads	: BSC/ET
Series	: HDC





APPLICATION :

These glands are used under most climatic conditions and are used in corrosive conditions when protected by a shroud.

PARTS OF GLAND :

1) Brass Check Nut
2) Rubber Washer
3) Brass Gland Body
4) Rubber Inner Seal
5) Brass Armour Clamping Cone
6) Brass Armour Clamping Ring
7) Brass Armour Clamping Nut
8) Rubber Outer Seal
9) Brass Compression Nut

All metal parts are accurately machined for ease of assembly.

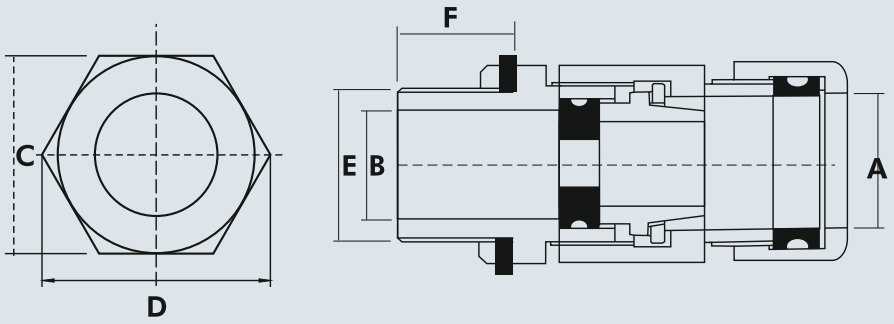
ACCESSORIES :

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

ASSEMBLY SEQUENCE :

a) Engage & tighten item 2 and 3 into apparatus (Secure with item 1 if plain hole entry).
b) Pass item 9, 8 and 7 respectively over the cable before commencing to strip outer sheath.
c) Remove the sheath to the desired length depending on the lengths of leads required and pass item 6 over the exposed armour.
d) Cut the armour to length, lift wire ends, pass item 5 over the exposed bedding and beneath the armour.
e) Insert items 4 and 3 on the bedding of the cable.
f) Engage and tighten items 7 and 3.
g) Engage and tighten items 9 and 7.

HEX DOUBLE COMPRESSION TYPE CABLE GLANDS MEDIUM DUTY



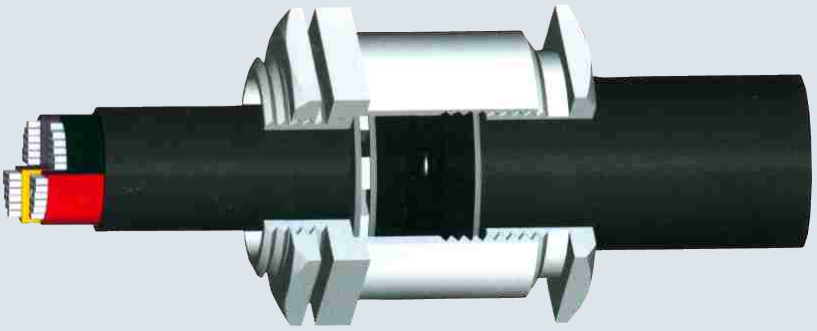
Suitable Cable. Overall Dia.(mm)		Gland Size		A Nipple Entry	B Length	C A/F	D A/C	E Dia	F Length	Product Code
From	To	Inch.	mm	Inch.	Inch.	mm	mm	mm	mm	
6	9	3/8"	10	1/2"	9.50	17.50	20.00	12.75	25.00	HDC - 3/8"
9	12	1/2"	12	5/8"	15.00	22.00	25.00	16.00	25.00	HDC - 1/2"
12	14	5/8"	16	3/4"	16.00	24.00	27.00	19.00	25.00	HDC - 5/8"
14	16	3/4"	19	3/4"	18.00	25.50	29.00	19.00	25.00	HDC - 3/4"
16	18	7/8"	22	3/4"	19.00	26.50	31.00	19.00	25.00	HDC - 7/8"
18	21.5	1"	25	1"	23.00	31.00	36.00	25.00	25.00	HDC - 1"
21.5	26	1 1/8"	28	1 1/8"	27.00	35.00	40.00	28.00	25.00	HDC - 1 1/8"
26	30	1 1/4"	32	1 1/4"	31.00	41.00	47.00	32.00	25.00	HDC - 1 1/4"
30	33	1 3/8"	35	1 3/8"	34.00	43.00	50.00	35.00	25.00	HDC - 1 3/8"
33	36	1 1/2"	38	1 1/2"	36.00	46.50	53.50	38.00	25.00	HDC - 1 1/2"
36	43	1 3/4"	50	1 3/4"	44.00	56.00	65.00	50.00	25.00	HDC - 1 3/4"
43	46	2"	50	2"	46.00	59.00	68.50	50.00	25.00	HDC - 2"
46	53	2 1/4"	57	2 1/4"	54.00	65.00	75.00	57.00	25.00	HDC - 2 1/4"
52	60	2 1/2"	63	2 1/2"	62.00	77.50	89.00	63.00	25.00	HDC - 2 1/2"
60	68	2 3/4"	70	2 3/4"	69.00	81.50	94.00	69.00	25.00	HDC - 2 3/4"
65	72	3"	75	3"	72.00	87.00	100.00	75.50	25.00	HDC - 3"
72	77	3 1/4"	82	3 1/4"	77.00	91.00	105.00	82.00	25.00	HDC - 3 1/4"
77	86	3 1/2"	88	3 1/2"	87.50	103.00	118.50	88.50	25.00	HDC - 3 1/2"
86	96	4"	100	4"	100.00	114.00	131.00	100.00	25.00	HDC - 4"

HEX®
AN ISO 9001 COMPANY

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

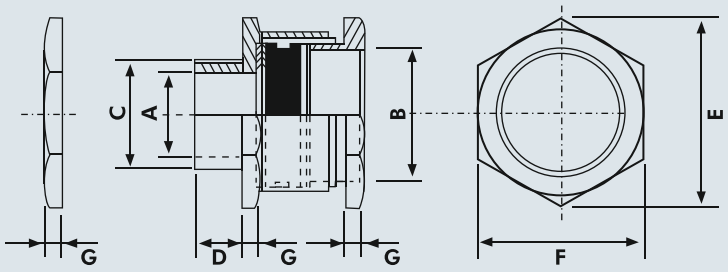
Shrouds and Earth tags are supplied separately and should be specified when ordering the Gland.

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.

HEX SINGLE COMPRESSION MEDIUM DUTY TYPE CABLE GLANDS





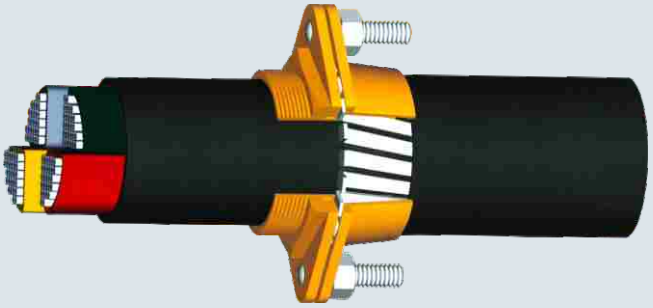
Suitable Cable. Overall Dia.(mm)		Nipple Entry Thread		Cable Gland Dimension							Product Code
From	To	Inch.	mm	A	B	C	D	E	F	G	
6.00	9.00	5/8"	16	12.00	12.50	15.50	5.00	17.50	20.00	2.50	HC - 3/8"
9.00	12.00	5/8"	16	12.00	15.00	15.50	6.50	20.30	23.50	2.50	HC - 1/2"
12.00	14.00	3/4"	19	15.50	15.50	18.50	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"

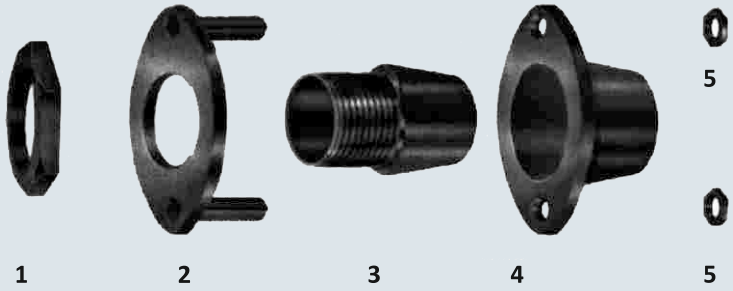
HEX®
AN ISO 9001 COMPANY

HEX FLANGE TYPE CABLE GLANDS

TECHNICAL DATA :

Material	: Brass as per IS 319
Plating	: Natural
Entry Threads	: BSC/ET
Series	: HGF





APPLICATION :

Flange type glands are mainly used for armoured cables and are very easy and comfortable in fitting and give a strong grip to hold the cable. All the electricity boards and reputed firms use these type of cable glands.

PARTS OF GLAND :

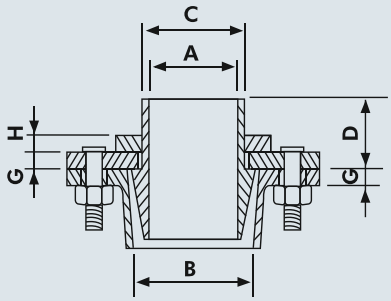
1) Brass Check Nut
2) Brass Strip with MS Bolts
3) Brass Center Part
4) Brass Gland Body
5) MS Nut (2 Nos.)

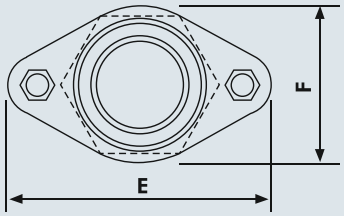
ASSEMBLY SEQUENCE:

a) Insert item 2 into item 3 and screw item 3 into apparatus (secure with item 1 if plain hole entry).
b) Remove the outer sheath of the cable and pass item 4 over the exposed armour.
c) Cut the armour to required length, lift and bend wire ends.
d) Push the cable into item 3 over exposed bedding and beneath the armour.
e) Engage the bolts with item 4, tighten up using item 5.

HEX FLANGE TYPE CABLE GLANDS







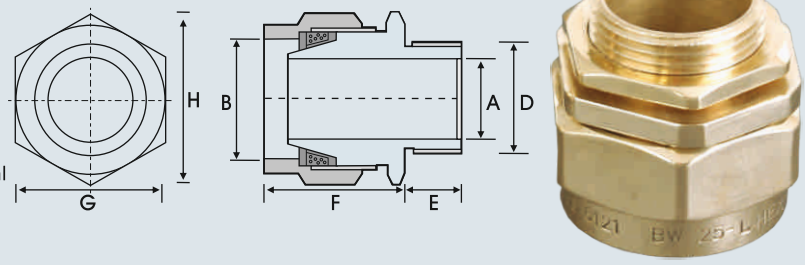
Suitable Cable Overall Dia. (mm)		Nipple Entry Thread		Cable Gland Dimensions								Product Code
From	To	Inch.	mm	A	B	C	D	E	F	G	H	
12.0	16.0	5/8″	16	12.5	17.0	15.5	13.0	45.0	28.0	2.5	3.0	HGF 5
16.0	18.0	3/4″	19	15.0	20.0	18.5	14.0	54.0	29.0	2.5	3.0	HGF 4
18.0	21.0	3/4″	19	06.0	21.0	19.5	15.0	55.0	30.0	2.5	3.0	HGF 3
21.0	25.0	1″	25	21.0	26.0	25.0	16.0	60.0	36.5	2.5	3.0	HGF 2
25.0	29.0	1.1/4″	32	27.0	32.0	31.5	17.0	65.0	43.0	3.0	4.0	HGF 1
29.0	33.0	1.3/8″	35	31.5	35.5	35.0	17.0	74.0	50.0	3.5	4.5	HGF 11
33.0	35.0	1.1/2″	38	33.5	37.5	37.5	20.0	76.0	51.5	3.5	4.5	HGF 0
35.0	38.0	1.1/2″	38	33.5	40.0	38.0	20.0	77.0	52.0	3.5	4.5	HGF 00
38.0	41.0	1.3/4″	45	37.5	43.0	41.0	18.0	84.0	56.0	3.5	4.5	HGF 38
41.0	45.0	1.3/4″	45	43.0	49.5	46.0	20.0	92.0	66.0	4.0	5.0	HGF 001
45.0	52.0	2″	50	49.0	53.5	53.0	20.5	96.0	68.5	4.0	5.0	HGF 002
52.0	59.0	2.1/4″	57	56.0	61.0	59.5	22.0	106.0	78.0	4.0	5.0	HGF 003
59.0	67.0	2.1/2″	63	60.5	65.0	65.0	22.0	114.0	81.5	4.0	5.0	HGF 0033
67.0	76.0	3″	75	69.5	75.5	75.0	22.0	135.0	95.5	4.5	5.5	HGF 004
76.0	84.0	4″	100	92.5	96.5	98.5	25.0	158.0	114.0	5.5	6.5	HGF 005

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BW CABLE GLANDS (4 PART)

TECHNICAL DATA :

Material	:	Brass as per IS 319
Plating	:	Nickel Standard Chrome on request
Entry Threads	:	Metric Standard Also available in BSC/PG/NPT/BSP/ET
Sealing Rubber Ring	:	Nitrile/Neoprene/Natural
Gland Standard	:	BS EN 6121-1:2005
Ingress Protection	:	IP3X
Series	:	HBW



APPLICATION :

For use with armoured or braided cable, provides mechanical cable retention and electrical continuity via armoured wire termination. These glands are mainly used in dry and indoor conditions.

DESIGN FEATURES :

3 part armour lock with cone and lock ring provided for additional grip to the armour.

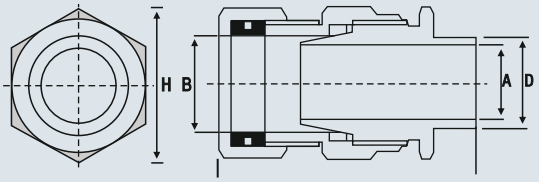
Also available in CIEL (Cast Integral Earth Lug). For orders add 'C' to Prod. Code.

Size	Cable Dimensions Accomodate		Gland Dimensions					Product Code
	Under Armour Dia. A Max. mm	Overall Dia. B Max. mm	ISO Entry Thread Dia. D mm	ISO Entry Thread Length E mm	Approx length from shoulder F mm	Hexagon Size Across flat G mm	Hexagon Size Across corners H mm	
16 s	8.00	12.00	M16	9.00	20.00	20.00	22.00	HBW -16 S
16 L	8.60	13.50	M16	9.00	20.00	20.00	22.00	HBW -16 L
20 S	12.50	17.00	M20	9.00	20.00	22.00	24.00	HBW - 20 S
20 L	14.30	20.00	M20	9.00	20.00	24.00	26.50	HBW - 20 L
25 S	19.00	23.25	M25	9.00	22.00	30.50	33.50	HBW - 25 S
25 L	20.40	27.00	M25	9.00	22.00	32.00	35.50	HBW - 25 L
32 S	27.00	28.50	M32	9.00	25.00	40.00	44.00	HBW - 32 S
32 L	27.50	33.50	M32	9.00	25.00	40.00	44.00	HBW - 32 L
40 S	31.50	37.50	M40	13.00	25.00	44.50	49.00	HBW - 40 S
40 L	33.00	41.50	M40	13.00	25.00	48.00	53.50	HBW - 40 L
50 S	40.00	48.00	M50	13.00	28.00	56.50	63.00	HBW - 50 S
50 L	44.50	54.00	M50	13.00	30.00	60.50	67.50	HBW - 50 L
63 S	51.00	60.50	M63	13.00	33.00	69.50	77.50	HBW - 63 S
63 L	56.00	65.00	M63	13.00	33.00	74.50	83.50	HBW - 63 L
75 S	63.00	72.00	M75	13.00	40.00	83.00	93.00	HBW - 75 S
75 L	67.00	78.50	M75	14.00	40.00	89.50	99.50	HBW - 75 L
90 S	75.00	85.00	M90	17.50	48.00	100.00	110.00	HBW - 90 S
90 L	78.40	88.50	M90	17.50	48.00	102.00	115.00	HBW - 90 L

CW CABLE GLANDS (4 PART)

TECHNICAL DATA :

Material	:	Brass as per IS 319
Plating	:	Nickel Standard Chrome on request
Entry Threads	:	Metric Standard Also available in BSC/PG/NPT/BSP/ET
Sealing Rubber Ring	:	Nitrile/Neoprene/Natural
Gland Standard	:	BS EN 6121-1:2005
Ingress Protection	:	IP66
Series	:	HCW





APPLICATION :

For use with armoured or braided cable. Provides environmental seal on the cable outer sheath. Also provides mechanical cable retention and electrical continuity via armoured wire termination. These glands are mainly used in outdoor and indoor conditions.

DESIGN FEATURES :

4 part armour lock with cone and lock ring provided for additional grip to the armour.

Also available in CIEL (Cast Integral Earth Lug). For orders add 'C' to Prod. Code.

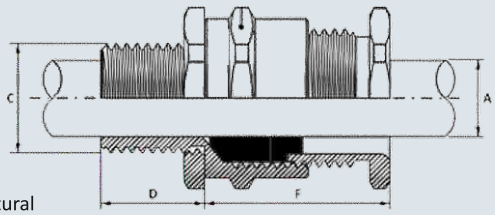
Size	Cable Dimensions Accomodate		Gland Dimensions					Product Code
	Under Armour Dia. A Max. mm	Overall Dia. B Max. mm	ISO Entry Thread Dia.	Length	Approx length from shoulder	Hexagon Size Across flat	Across corners	
			D mm	E mm	F mm	G mm	H mm	
16 s	9.00	12.00	M16	10.00	40.00	20.00	22.00	HCW -16 S
16 L	9.00	12.00	M16	10.00	40.00	20.00	22.00	HCW -16 L
20 S	12.50	15.00	M20	10.00	42.00	22.00	24.00	HCW - 20 S
20 L	14.30	19.00	M20	10.00	42.00	26.00	29.00	HCW - 20 L
25 S	18.50	23.60	M25	10.00	44.00	32.00	36.00	HCW - 25 S
25 L	20.70	27.00	M25	10.00	44.00	34.90	38.00	HCW - 25 L
32 S	27.00	32.00	M32	11.00	46.00	41.00	45.50	HCW - 32 S
32 L	27.00	32.50	M32	11.00	46.00	41.00	45.50	HCW - 32 L
40 S	32.50	38.00	M40	13.00	50.00	49.50	55.00	HCW - 40 S
40 L	33.00	39.00	M40	13.00	50.00	48.50	53.50	HCW - 40 L
50 S	39.80	47.00	M50	13.00	57.00	51.00	61.00	HCW - 50 S
50 L	44.50	51.00	M50	13.00	57.00	62.50	69.00	HCW - 50 L
63 S	50.50	58.00	M63	14.00	70.00	72.00	78.50	HCW - 63 S
63 L	56.50	62.00	M63	14.00	61.00	76.00	83.50	HCW - 63 L
75 S	63.50	69.00	M75	14.00	65.00	83.50	94.00	HCW - 75 S
75 L	68.00	77.50	M75	15.00	66.00	91.00	101.00	HCW - 75 L
90 S	77.00	86.00	M90	17.00	80.00	100.00	110.00	HCW - 90 S
90 L	80.00	89.00	M90	17.00	82.00	102.00	114.00	HCW - 90 L

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A1 / A2 CABLE GLANDS

TECHNICAL DATA :

Material	:	Brass as per IS 319
Plating	:	Nickel Standard Chrome on request
Entry Threads	:	Metric Standard Also available in BSC/PG/NPT/BSP/ET
Sealing Rubber Ring	:	Nitrile/Neoprene/Natural
Gland Standard	:	BS EN 62444:2013
Ingress Protection	:	IP 66
Series	:	HA2





APPLICATION :

For use with all unarmoured cables with rubber outer sheath. Secures outer sheath of cable. Displacement seal concept makes it suitable for Indoor and Outdoor application.

DESIGN FEATURES :

Outer displacement seal.

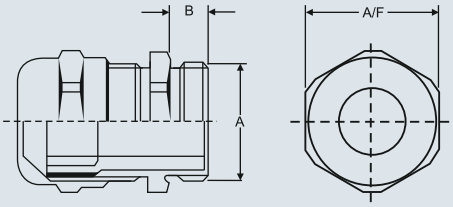
Size	Cable Dimensions Accomodate		Gland Dimensions					Product Code
	Cable Dia. A		ISO Entry Thread Dia. Length		Approx length from shoulder	Hexagon Size Across flat	Across corners	
	Min.	Max.	C mm	D mm	F mm	G mm	H mm	
16 s	3.50	7.00	M16	10.00	20.00	21.00	24.00	HA2 -16 S
16 L	4.50	8.50	M16	10.00	22.00	21.00	24.00	HA2 -16 L
20 S	8.00	12.00	M20	10.00	24.00	22.00	24.50	HA2 - 20 S
20 L	12.00	16.00	M20	10.00	24.00	24.00	27.00	HA2 - 20 L
25 S	16.50	20.00	M25	15.00	25.00	27.00	30.00	HA2 - 25 S
25 L	18.00	21.50	M25	15.00	26.00	30.00	33.00	HA2 - 25 L
32 S	21.00	24.00	M32	15.00	28.00	34.50	38.00	HA2 - 32 S
32 L	23.00	28.00	M32	15.00	28.00	38.00	42.50	HA2 - 32 L
40 S	28.00	32.50	M40	19.00	31.00	42.00	47.00	HA2 - 40 S
40 L	31.00	34.50	M40	19.00	31.00	45.00	50.00	HA2 - 40 L
50 S	35.00	41.00	M50	19.00	33.00	55.00	61.00	HA2 - 50 S
50 L	41.00	45.00	M50	19.00	33.00	61.50	68.00	HA2 - 50 L
63 S	45.50	53.00	M63	20.00	35.00	69.00	76.00	HA2 - 63 S
63 L	52.00	56.00	M63	20.00	35.00	71.50	79.00	HA2 - 63 L
75 S	55.00	62.00	M75	16.00	35.00	77.00	85.00	HA2 - 75 S
75 L	62.00	70.00	M75	20.00	35.00	88.00	96.00	HA2 - 75 L
90 S	70.00	75.00	M90	20.00	50.00	100.00	112.00	HA2 - 90 S
90 L	75.00	78.00	M90	20.00	50.00	100.00	112.00	HA2 - 90 L
100 L	78.00	89.00	M100	22.00	50.00	112.00	125.00	HA2 - 100

IP68 RATING BRASS GLANDS

TECHNICAL DATA :

Material	:	Brass as per IS 319
Plating	:	Nickel Standard
Entry Threads	:	Metric / PG
Rubber Seals (self extinguishing)	:	Polyamide 6 insert Neoprene seal Neoprene O ring
Continuous operating temperature	:	-20 to 100°C
Chemical resistance	:	Resistant to normal organic solvents, minerals, animal & vegetable oils and fats, petrol.
Threading	:	According to IEC 423, IEC 423A and EN 60423
Ingress Protection	:	IP68
Series	:	HIP 68





APPLICATION :

The perfect gland for unarmoured PVC, XLPE and other synthetic cables.

DESIGN FEATURES :

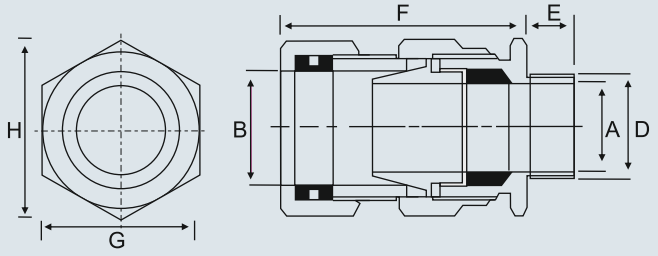
This Metal Gland is a unique product that is very different from traditional metal glands.

- It provides superior strain relief.
- Incorporates a unique 'camera shutter' principle which protects the cable.
- Cable fully insulated by plastic insert.

Mounting Thread		Min.	Max.	Width	Product Code
A Dia. (mm)	B Leng. (mm)	Cable Dia. (mm)	Cable Dia. (mm)	A/F (mm)	
12	8	3	6	14.0	HIP 68 - 12M
16	8	5	9	17.0	HIP 68 - 16M
20	10.5	8	11	22.5	HIP 68 - 20M
25	10	11	16	29.0	HIP 68 - 25M
32	11	15	21	35.0	HIP 68 - 32M
40	14	19	27	43.5	HIP 68 - 40M
50	14	26	34	55.0	HIP 68 - 50M
63	15	38	48	67.5	HIP 68 - 75M

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E1W CABLE GLAND





APPLICATION :

For use with all types of SWA extruded bedding cable where it is essential to produce IP 66 seal on to the outer sheath and also produce an IP 66 or explosion proof seal on inner sheath. It provides seals to both inner sheath and outer sheath of the cable.

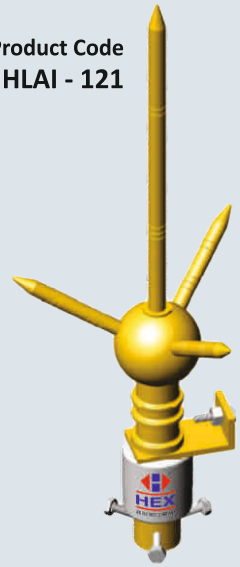
DESIGN FEATURES :

2 part armour / Earth Lock, Knurled Armour Lock produces a low resistance earth clip, Inner and outer displacement seal, Rated at IP 66 in conjuction with entry thread seal.
Also available in CIEL (Cast Intergral Earth Lug), for orders add "C" to Prod. code

Size	Cable Dimensions Accomodate				Gland Dimensions			Product Code
	Under Armour Dia. A Max. mm	Overall Dia. B Max. mm	ISO Entry Thread Dia.	Length	Approx length from shoulder	Hexagon Size Across flat	Across corners	
			D mm	E mm	F mm	G mm	H mm	
16 S	8.00	11.00	M16	10.00	45.00	20.00	22.00	HE1W -16 S
16 L	9.00	13.50	M16	10.00	45.00	22.00	24.00	HE1W -16 L
20 S	12.00	15.00	M20	10.50	45.00	22.00	24.00	HE1W - 20 S
20 L	14.00	20.00	M20	10.50	45.00	27.00	30.00	HE1W - 20 L
25 S	18.50	23.00	M25	10.50	50.00	31.50	35.50	HE1W - 25 S
25 L	20.40	27.00	M25	10.50	50.00	35.00	38.50	HE1W - 25 L
32 S	26.50	32.00	M32	13.00	60.00	41.00	46.00	HE1W - 32 S
32 L	26.50	32.00	M32	13.00	60.00	41.00	46.00	HE1W - 32 L
40 S	31.00	36.50	M40	15.00	60.00	45.50	51.00	HE1W - 40 S
40 L	34.00	41.50	M40	15.00	60.00	50.00	56.00	HE1W - 40 L
50 S	40.00	45.00	M50	15.00	65.00	57.50	64.00	HE1W - 50 S
50 L	44.00	53.00	M50	15.00	65.00	62.00	68.00	HE1W - 50 L
63 S	51.00	60.00	M63	15.00	65.00	70.00	79.00	HE1W - 63 S
63 L	55.50	66.00	M63	15.00	65.00	78.50	86.00	HE1W - 63 L
75 S	62.00	70.00	M75	15.00	75.00	84.50	95.00	HE1W - 75 S
75 L	67.50	77.00	M75	15.00	75.00	92.00	102.50	HE1W - 75 L
90 S	78.00	94.00	M90	18.00	90.00	104.00	115.00	HE1W - 90 S
90 L	80.00	96.00	M90	18.00	90.00	112.00	125.00	HE1W - 90 L

LIGHTING ARRESTER WITH INSULATOR

Product Code
HLAI - 121



PRODUCT FEATURES :

This unique product has been developed to ensure the safety of the structure. The enameled porcelain insulator breaks the path of lightning strikes which are safely grounded by the down conductor which is connected above it. The radius of protection provided by this arrester is approximately 50 mtrs.

SCOPE OF USE :

This arrester is meant for installation on any structure that requires protection against lightning. It can be installed on residential buildings, airports, manufacturing units, chemical plants, railway stations, military stations, places of worship, educational institutions, hospitals, etc.

INSTALLATION PROCEDURE :

1) Ensure that all the parts given in the Packing List are present in the box.
2) Check & see that the parts are not damaged.
3) Insert the Connection Plate into the threaded part of the Coupling.
4) Fit the Center Ball into the threads of the Coupling.
5) Fit the Long Lightning Rod into the center threaded hole of the Center Ball.
6) Fit the 3 nos. Short Lightning Rods into the 3 side threaded holes of the Center Ball.
7) Ensure that all the parts are tightened adequately.
8) Insert the bottom end of the Coupling into the mast & tighten the 3 screws provided on the Coupling equally so that the mast is centralised.
9) Fit the down conductor to the Connection Plate.
10) Install the mast on the structure as required.

IMPORTANT NOTES :

- Point nos. 8 – 10 can be interchanged to suit site conditions.
- Ensure that the arrester is safely grounded as per laid down norms.

Product Code
HLAI - 121

LIST OF PARTS

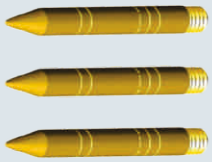
1) LIGHTNING ROD (LONG)



QTY. : 1 PC.
MATERIAL : COPPER ALLOY

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2) LIGHTNING ROD (SHORT)



QTY. : 3 PCS.
MATERIAL : COPPER ALLOY

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3) CENTER BALL



QTY. : 1 PC.
MATERIAL : COPPER ALLOY

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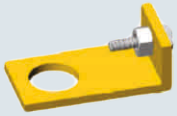
4) COUPLING



QTY. : 1 PC.
MATERIAL : COPPER ALLOY WITH ENAMELED PORCELAIN INSULATOR & SS BOLTS

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5) CONNECTION PLATE



QTY. : 1 PC.
MATERIAL : COPPER ALLOY WITH SS HARDWARE

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GLAND KITS



KIT PACKING :

16/20 -32 inclusive
2-Brass glands
2-Black PVC shrouds
2-Galv. steel locknuts
2-Brass earthing tags

40-90 inclusive
1-Brass gland
1-Black PVC shroud
1-Galv. steel locknut
1-Brass earthing tag

PVC SHROUDS



MATERIAL : High Grade Poly Vinyl Chloride (PVC).

FEATURES :

- Provides additional protection & enhances IP rating of the glands.
- Effective solution to weather and corrosion protection of cable glands.
- Available in same gland size, compatible to each size of the cable glands.
- The arrow end of the sleeve is readily cut with a knife, enabling it to be slipped over a wide range of cable diameters and assists ease of installation.

LOW SMOKE & FUME (LSF) SHROUDS



MATERIAL : Low Smoke Poly Vinyl Chloride.

FEATURES :

- Manufactured from PVC with Low Smoke & Fume properties.
- Available in dark grey colour only.

LOCK NUTS



MATERIAL : Brass, Aluminium & Galvanized Steel.

FEATURES :

- Used in fastening glands to the gland plate.
- Available in Metric, Imperial, NPT, BSPT, BSP & PG threads.

SIZES : 16mm to 75mm

Size mm or inch.	Product Code	Size mm or inch.	Product Code
16mm or 5/8"	HGA LN-16	50mm or 2"	HGA LN-50
20mm or 3/4"	HGA LN-20	63mm or 2.1/2"	HGA LN-63
25mm or 1"	HGA LN-25	75mm or 3"	HGA LN-75
32mm or 1.1/4"	HGA LN-32	90mm or 3.1/2"	HGA LN-90
40mm or 1.1/2"	HGA LN-40		

ALUMINIUM CABLE GLANDS (BWA & CWA)

MATERIAL : Aluminium Alloy



BWA Al. Cable Glands

APPLICATION : For dry & indoor use with all types of extruded bending cables and are used for aluminum armoured termination.

SIZE : M20 to M63

CWA Al. Cable Glands

APPLICATION : For indoor/outdoor use with all types of extruded bending cable and are used for aluminum armoured termination.

SIZE : M20 to M63

EARTHING TAGS

MATERIAL : Brass, Aluminium or Copper

FEATURES :

- Install between the gland entry and equipment.
- Available in various shapes and in all sizes.
- Ensures earth continuity between the electrical equipment & the gland.
- Can be coated or plated as per Customer Specification.



Metric	Product Code
M16	HGA ET-16
M20	HGA ET-20
M25	HGA ET-25
M32	HGA ET-32

Size	Product Code
M50	HGA ET-50
M63	HGA ET-63
M75	HGA ET-75
M80	HGA ET-80
M90	HGA ET-90
M100	HGA ET-100

MARINE USE WATERTIGHT CABLE GLANDS

MATERIAL : Brass

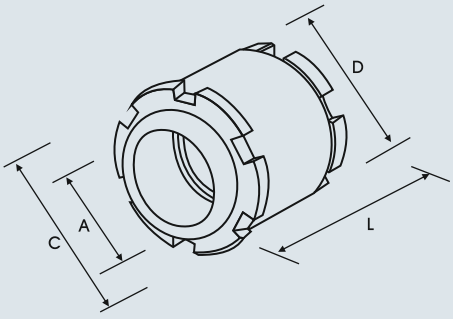
FINISH : Nickel Plated

APPLICATION : Outdoor or indoor for use with all types of braided or unarmoured marine electrical cable fittings.

SIZE RANGE : 3/8" to 3"



Pipe Thread A	Gland ID in mm	Rubber ID C	Locknut OD in mm D	Gland OD in mm L	Total Length	Product Code
PF 3/8"	10	8	28	22	38	HCG-10
PF 1/2"	15	10	31.5	28	42	HCG-15
PF 3/4"	20	13	37	33.5	46	HCG-20
PF 1"	25	15	45	42	52	HCG-25
PF 1 1/4"	30	24	46	49.5	57	HCG-30
PF 1 1/2"	40	30	63	55	65	HCG-35
PF 1 1/2"	40	34	63	55	65	HCG-40
PF 2"	45	38	77	69	73	HCG-45
PF 2"	50	44	77	69	73	HCG-50
PF 2 1/2"	55	48	96	85	83	HCG-55
PF 2 1/2"	60	54	96	85	83	HCG-60
PF 3"	65	60	112	100	95	HCG-65
PF 3"	70	64	112	100	95	HCG-70



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ACCESSORIES FOR GLANDS

FLAMEPROOF CUM WEATHERPROOF STOPPING PLUGS

Our Stopping Plugs may be used as a means of sealing & stopping unused threaded entries in flameproof enclosures.

THESE PRODUCTS ARE APPROVED APPROVED

S. NO.	PROD. CODE	THREAD SIZE
1	HCS 20	M25
2	HCS 25	M32
3	HCS 32	M38
4	HCS 50	M50
5	HCS 75	M63



Material : Brass as per IS 319 Also available in AI./S.S.
Plating : Nickel Standard Also available in Chrome.
Threads : Metric Standard Also available in PG/BSC/NPT/BSP
Sealing Rubber Ring : Neoprene
Flameproof testing as per : IS/EC 60079-1:2007
Weatherproof testing as per : IS/IEC 60529-2001
Test Cert. No. : CIMFR/TC/P/885
Ingress Protection : IP-66
Application : For use in Zone 1 & 2 and in Gas group IIC atmosphere.
Pitch of threads : 1.5 mm

TAMPER PROOF STOPPING PLUG

These are used to prevent unauthorized removal.



Material : Brass as per IS 319
Also available in AI./M.S./S.S.
Plating : Nickel Standard
Also available in Chrome.
Threads : BSC Standard
Also available in PG/Metric/NPT/BSP
Sizes : 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"

FLAMEPROOF CUM WEATHERPROOF REDUCERS

Our reducers effectively reduce the entry thread diameter of enclosures to accept a gland or fitting with a smaller thread diameter.

THESE PRODUCTS ARE APPROVED APPROVED

S. NO.	PROD. CODE	MALE THREAD	FEMALE THREAD
1	HCR 25X20	M25	M20
2	HCR 32X25	M32	M25
3	HCR 38X32	M38	M32
4	HCR 50X38	M50	M38
5	HCR 63X50	M63	M50
6	HCR 75X63	M75	M63



Material : Brass as per IS 319 Also available in AI./S.S.
Plating : Nickel Standard Also available in Chrome.
Threads : Metric Standard Also available in PG/BSC/NPT/BSP
Sealing Rubber Ring : Neoprene
Flameproof testing as per : IS/EC 60079-1:2007
Weatherproof testing as per : IS/IEC 60529-2001
Test Cert. No. : CIMFR/TC/P/H527
Ingress Protection : IP-66
Application : For use in Zone 1 & 2 and in Gas group IIC atmosphere.
Pitch of threads : 1.5 mm

SINGLE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No. of Cores & Cross Sectional Area	Approx Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
1 x 4	8.0	HC 5/8"	HCSCG 2	(1616)	09 mm	16 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 6	8.5	HC 5/8"	HCSCG 2	(1616)	09 mm	16 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 10	9.5	HC 5/8"	HCSCG 2	(1616)	09 mm	16 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 16	10.0	HC 5/8"	HCSCG 3	(1619)	11 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 25	12.0	HC3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 35	13.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 50	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 70	16.0	HC1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
1 x 95	17.5	HC1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
1 x 120	19.0	HC1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
1 x 150	21.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
1 x 185	23.5	HC 1 1/8"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
1 x 240	26.0	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
1 x 300	28.5	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
1 x 400	33.0	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
1 x 500	36.0	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
1 x 630	40.0	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HCGW 08	HCGF 09	HCGFIIC 09	2"
1 x 800	46.0	HC 2 1/4"	HCSCG 12	(5463)	46 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
1 x 1000	52.0	HC 2 1/2"	HCSCG 13	(6063)	53 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"

TWIN CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
2 x 4	13.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 6	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 10	16.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
2 x 16	17.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
2 x 25	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
2 x 35	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
2 x 50	21.0	HC 1 1/8"	HCSCG 7	(2932)	21 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
2 x 70	23.0	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
2 x 95	26.5	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
2 x 120	28.5	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
2 x 150	32.0	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
2 x 185	35.5	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 07 A	HCGF 07A	HCGFIIC 07A	42 mm
2 x 240	39.5	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
2 x 300	43.5	HC 2"	HCSCG 11	(5451)	44 mm	50 mm	HCGW 09	HCGF 09	HCGFIIC 09	2"
2 x 400	49.5	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
2 x 500	55.0	HC 2 1/2"	HCSCG 13	(6063)	55 mm	63 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
2 x 630	61.5	HC 2 3/4"	HCSCG 14	(6675)	62 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"

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THREE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
3 x 4	15.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 6	16.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 10	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 16	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 25	20.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
3 x 35	21.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	42 mm
3 x 50	24.5	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
3 x 70	29.0	HC 1 3/8"	HCSCG 8	(2938)	30 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
3 x 95	32.5	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 x 120	34.5	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 07A	HCGF 07 A	HCGFIIC 07A	42 mm
3 x 150	38.5	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 x 185	43.5	HC 2"	HCSCG 11	(5451)	44 mm	50 mm	HCGW 09	HCGF 09	HCGFIIC 09	2"
3 x 240	48.5	HC2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
3 x 300	51.5	HC2 1/4"	HCSCG 12	(6063)	53 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
3 x 400	59.0	HC 2 3/4"	HCSCG 14	(6675)	60 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 x 500	66.0	HC 3"	HCSCG 14	(6675)	66 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 x 630	72.0	HC 3 1/4"	HCSCG 16	(7882)	73 mm	82 mm	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"

THREE & HALF ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
3 1/2 x 25/16 sm/rm	22.0	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
3 1/2 x 35/16 sm/rm	24.0	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
3 1/2 x 50/25 sm	27.5	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
3 1/2 x 70/35 sm	31.0	HC 1 1/2"	HCSCG 8	(2938)	31 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 1/2 x 95/50 sm	35.0	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
3 1/2 x 120/70 sm	37.5	HC 1 3/4"	HCSCG 10	(4251)	38 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 1/2 x 150/70 sm	41.0	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 1/2 x 185/95 sm	46.5	HC 2 1/4"	HCSCG 12	(5463)	48 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
3 1/2 x 240/120 sm	52.5	HC 2 1/2"	HCSCG 13	(6063)	53 mm	63 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 300/150 sm	56.0	HC 2 3/4"	HCSCG 14	(6675)	58 mm	75 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 400/185 sm	64.0	HC 3"	HCSCG 14	(6675)	64 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 1/2 x 500/240 sm	72.5	HC 3 1/4"	HCSCG 16	(7882)	74 mm	82 mm	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"
3 1/2 x 630/300 sm	80.0	HC 3 1/2"	HCSCG 17	(SPI)	80 mm	90 mm	HCGW 014	HCGF 014	HCGFIIC 014	3 1/2"

FOUR CORE ALUMINUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED CABLE CONFORMING TO IS 7098 PART - 1 / 1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
4 x 4	16.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
4 x 6	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
4 x 10	18.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
4 x 16	20.5	HC 1 1/8"	HCSCG 7	(2932)	21 mm	32 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
4 x 25	21.0	HC 1 1/8"	HCSCG 7	(2932)	21 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
4 x 35	23.5	HC 1 1/8"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
4 x 50	26.0	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
4 x 70	30.5	HC 1 3/8"	HCSCG 8	(2938)	31 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
4 x 95	33.5	HC 1 3/4"	HCSCG 10	(4251)	35 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
4 x 120	37.0	HC 1 3/4"	HCSCG 10	(4251)	38 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
4 x 150	42.5	HC 2"	HCSCG 10	(4251)	42 mm	50 mm	HCGW 09	HCGF 09	HCGFIIC 09	2"
4 x 185	46.5	HC 2 1/4"	HCSCG 12	(5463)	48 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
4 x 240	52.5	HC 2 1/2"	HCSCG 13	(6063)	53 mm	63 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
4 x 300	58.0	HC 2 3/4"	HCSCG 14	(6675)	60 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
4 x 400	66.0	HC 3"	HCSCG 14	(6675)	66 mm	75 mm	HCGW 013	HCGF 013	HCGFIIC 013	3"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 1.5 SQ.MM, XLPE INSULATED, UNARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/EC-60529:2001	Flame Proof (HCGF) as per IS/EC-60079:2007	Flame Proof (HCGFIIC) as per IS/EC-60079:2007	Nipple Entry for W/P & FLP
2 x 1.5	10.0	HC 5/8"	HCSCG 3	(1619)	11 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
3 x 1.5	10.5	HC 5/8"	HCSCG 3	(1619)	11 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
4 x 1.5	11.5	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
5 x 1.5	12.5	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
6 x 1.5	13.5	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
7 x 1.5	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
10 x 1.5	17.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
12 x 1.5	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
14 x 1.5	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
16 x 1.5	18.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
19 x 1.5	20.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
24 x 1.5	22.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
27 x1.5	23.0	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
30 x 1.5	23.5	HC 1 1/8"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
37 x 1.5	25.0	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
44 x 1.5	28.0	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
52 x 1.5	29.0	HC 1 3/8"	HCSCG 8	(2938)	30 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
61 x 1.5	31.0	HC 1 1/2"	HCSCG 8	(2938)	31 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"

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1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 2.5 SQ.MM, XLPE INSULATED, UNARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
2 x 2.5	11.5	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
3 x 2.5	12.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
4 x 2.5	13.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
5 x 2.5	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
6 x 2.5	15.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
7 x 2.5	15.5	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
10 x 2.5	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
12 x2.5	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
14 x 2.5	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
16 x 2.5	20.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
19 x 2.5	21.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
24 x 2.5	24.5	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
27 x 2.5	25.5	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
30 x 2.5	26.0	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
37 x 2.5	28.0	HC 1 3/8"	HCSCG 8	(2938)	30 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
44 x 2.5	32.0	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
52 x 2.5	33.5	HC 1 3/4"	HCSCG 10	(4251)	35 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
61 x 2.5	35.0	HC 1 3/4"	HCSCG 10	(4251)	35 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm

SINGLE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
1 x 4	10	HC 1/2"	HCSCG 2	(1616)	11 mm	16 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 6	10.5	HC 1/2"	HCSCG 2	(1616)	11 mm	16 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 10	11.5	HC 5/8"	HCSCG 2	(1616)	13 mm	16 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 16	13	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 25	14	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 35	15	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 50	17	HC 7/8"	HCSCG 4	(2119)	18 mm	20 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
1 x 70	19	HC 1"	HCSCG 5	(2125)	20 m m	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
1 x 95	21	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
1 x 120	22	HC 1"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
1 x 150	23	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
1 x 185	26.5	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
1 x 225	28	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
1 x 240	29	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
1 x 300	31.5	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
1 x 400	36.5	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
1 x 500	39.5	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
1 x 630	43	HC 2"	HCSCG 10	(4251)	42 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
1 x 800	49.5	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
1 x 1000	55	HC 2 1/2"	HCSCG 13	(6063)	55 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"

TWIN CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
2 x 4	15.5	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 6	16.5	HC 3/4"	HCSCG 4	(2119)	18 mm	20 mm	HGF 4	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 10	18.0	HC 7/8"	HCSCG 5	(2125)	18 mm	25 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
2 x 16	18.0	HC 7/8"	HCSCG 5	(2125)	18 mm	25 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
2 x 25	18.5	HC 7/8"	HCSCG 5	(2125)	20 mm	25 mm	HGF 4	HCGW 02	HCGF 02	HCGFIIC 02	1"
2 x 35	20.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
2 x 50	22.5	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
2 x 70	25.5	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
2 x 95	28.0	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
2 x 120	30.5	HC 1 1/4"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
2 x 150	34.0	HC 1 1/2"	HCSCG 9	(3638)	35 mm	40 mm	HGF 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
2 x 185	37.0	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 08	HCGF 08	HCGFIIC 08	2"
2 x 240	41.0	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HGF 00	HCGW 09	HCGF 09	HCGFIIC 09	2"
2 x 300	45.5	HC 2"	HCSCG 11	(5451)	46 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
2 x 400	51.0	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
2 x 500	56.5	HC 2 1/2"	HCSCG 13	(6063)	58 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
2 x 630	62.5	HC 2 3/4"	HCSCG 14	(6675)	62 mm	75 mm	HGF 0033	HCGW 012	HCGF 012	HCGFIIC 012	3"

THREE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
3 x 4	16.0	HC 3/4"	HCSCG 4	(2119)	16 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
3 x 6	17.0	HC 7/8"	HCSCG 4	(2119)	18 mm	20 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
3 x 10	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
3 x 16	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
3 x 25	20.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
3 x 35	23.0	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 x 50	25.5	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 x 70	30.0	HC 1 1/4"	HCSCG 8	(2938)	30 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 x 95	33.5	HC 1 3/8"	HCSCG 9	(3638)	35 mm	40 mm	HGF 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
3 x 120	35.5	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
3 x 150	40.5	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 x 185	44.5	HC 2"	HCSCG 11	(5451)	46 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
3 x 240	49.0	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
3 x 300	53.0	HC 2 1/4"	HCSCG 13	(6063)	53 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 x 400	58.5	HC 2 1/2"	HCSCG 13	(6063)	60 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 x 500	67.0	HC 2 3/4"	HCSCG 14	(6675)	66 mm	75 mm	HGF 004	HCGW 013A	HCGF 013A	HCGFIIC 013A	3"
3 x 630	73.0	HC 3"	HCSCG 16	(7882)	74 mm	82 mm	HGF 004	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"

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THREE & HALF ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
3 1/2 x 25/16 sm/rm	23.0	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 1/2 x 35/16 sm/rm	25.0	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 1/2 x 50/25 sm	28.0	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
3 1/2 x 70/35 sm	32.0	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 1/2 x 95/50 sm	36.0	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
3 1/2 x 120/70 sm	39.0	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 1/2 x 150/70 sm	42.0	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
3 1/2 x 185/95 sm	47.5	HC 2"	HCSCG 11	(5451)	48 mm	50 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
3 1/2 x 240/120 sm	53.5	HC 2 1/4"	HCSCG 13	(6063)	55 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 300/150 sm	57.0	HC 2 1/2"	HCSCG 13	(6063)	58 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 400/185 sm	65.0	HC 2 3/4"	HCSCG 14	(6675)	66 mm	75 mm	HGF 0033	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 1/2 x 500/240 sm	73.5	HC 3 1/4"	HCSCG 16	(7882)	74 mm	82 mm	HGF 004	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"

FOUR CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
4 x 4	17.50	HC 7/8"	HCSCG 5	(2125)	18 mm	25 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
4 x 6	18.50	HC 7/8"	HCSCG 5	(2125)	20 mm	25 mm	HGF 4	HCGW 02	HCGF 02	HCGFIIC 02	1"
4 x 10	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
4 x 16	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
4 x 25	23.00	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
4 x 35	25.00	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
4 x 50	28.00	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
4 x 70	32.00	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
4 x 95	35.00	HC 1 1/2"	HCSCG 9	(3638)	35 mm	50 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
4 x 120	39.00	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
4 x 150	43.50	HC 2"	HCSCG 11	(5451)	44 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
4 x 185	48.00	HC 2"	HCSCG 12	(5463)	48 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
4 x 240	54.00	HC 2 1/4"	HCSCG 13	(6063)	55 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
4 x 300	59.50	HC 2 1/2"	HCSCG 13	(6063)	60 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
4 x 400	66.50	HC 2 3/4"	HCSCG 14	(6675)	66 mm	75 mm	HGF 0033	HCGW 013A	HCGF 013A	HCGFIIC 013A	3"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 1.5 SQ.MM, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
2 x 1.5	12.50	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
3 x 1.5	13.00	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
4 x 1.5	13.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
5 x 1.5	14.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
6 x 1.5	15.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
7 x 1.5	16.00	HC 3/4"	HCSCG 4	(2119)	16 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
10 x 1.5	18.50	HC 7/8"	HCSCG 5	(2125)	20 mm	25 mm	HGF 4	HCGW 02	HCGF 02	HCGFIIC 02	1"
12 x 1.5	19.00	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
14 x 1.5	20.00	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
16 x 1.5	20.00	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
19 x 1.5	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
24 x 1.5	23.00	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
27 x1.5	23.50	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
30 x 1.5	24.00	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
37 x 1.5	26.00	HC 1 1/8"	HCSCG 7	(2932)	27 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
44 x 1.5	28.50	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
52 x 1.5	30.50	HC 1 1/4"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
61 x 1.5	32.00	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 2.5 SQ.MM, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
2 x 2.5	13.50	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
3 x 2.5	14.00	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
4 x 2.5	14.50	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
5 x 2.5	15.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
6 x 2.5	16.50	HC 3/4"	HCSCG 4	(2119)	18 mm	20 mm	HC 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
7 x 2.5	17.00	HC 7/8"	HCSCG 4	(2119)	18 mm	20 mm	HC 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
10 x 2.5	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HC 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
12 x2.5	21.00	HC 1"	HCSCG 6	(2925)	21 mm	25 mm	HC 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
14 x 2.5	21.50	HC 1"	HXSCG 6	(2925)	23 mm	25 mm	HC 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
16 x 2.5	22.00	HC 1"	HCSCG 6	(2925)	23 mm	25 mm	HC 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
19 x 2.5	22.50	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HC 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
24 x 2.5	25.50	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HC 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
27 x 2.5	26.50	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HC 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
30 x 2.5	27.50	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HC 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
37 x 2.5	29.50	HC 1 1/4"	HCSCG 8	(2938)	30 mm	40 mm	HC 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
44 x 2.5	33.00	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HC 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
52 x 2.5	34.50	HC 1 1/2"	HCSCG 9	(3638)	35 mm	40 mm	HC 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
61 x 2.5	36.00	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HC 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"

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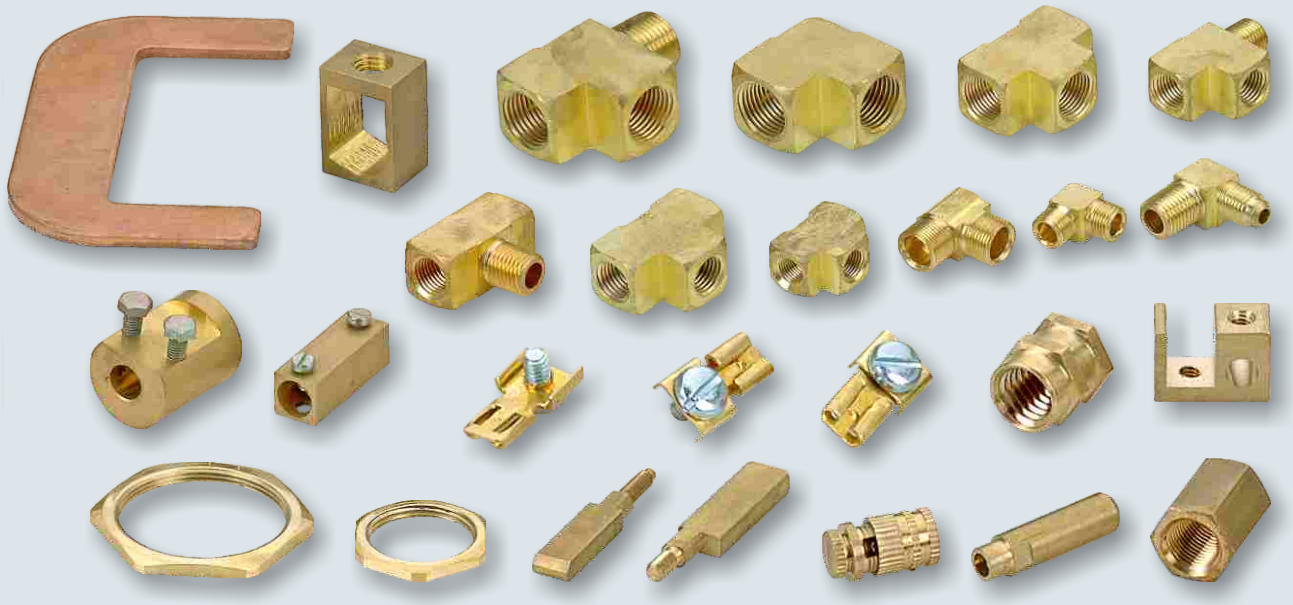
GUIDE FOR SELECTION OF CABLE GLANDS ON THE BASIS OF CABLE OVERALL DIAMETER

SINGLE COMPRESSION TYPE GLANDS FOR ARMOURED CABLE

HEAVY DUTY HCSCG SERIES AS PER IS 12943				
Cable Overall Diameter (mm)		Suitable Gland Type	Old SBIG Code	Nipple Thread In Metric
From	To			
11.0	16.0	HCSCG 2	(1616)	16 x 1.5
11.0	16.0	HCSCG 3	(1619)	20 x 1.5
16.0	20.0	HCSCG4	(2119)	20 x 1.5
16.0	21.0	HCSCG 5	(2125)	25 x 1.5
21.0	24.0	HCSCG 6	(2925)	25 x 1.5
24.0	29.0	HCSCG 7	(2932)	32 x 1.5
29.0	33.0	HCSCG 8	(2938)	40 x 1.5
33.0	37.0	HCSCG 9	(3638)	40 x 1.5
37.0	42.0	HCSCG 10	(4251)	50 x 1.5
42.0	46.0	HCSCG 11	(5451)	50 x 1.5
46.0	51.0	HCSCG 12	(5463)	63 x 1.5
51.0	61.0	HCSCG 13	(6063)	63 x 1.5
61.0	66.0	HCSCG 14	(6675)	75 x 1.5
66.0	72.0	HCSCG 15	-	75 x 1.5
72.0	79.0	HCSCG 16	(7882)	82 x 1.5
79.0	84.0	HCSCG 17	-	90 x 1.5

MEDIUM DUTY TYPE		
Cable Overall Diameter (mm) Suitable For		Suitable Gland Type and Thread BSC
From	To	
8.0	15.0	1/2"
8.0	15.0	5/8"
15.0	17.0	3/4"
17.0	19.0	7/8"
19.0	22.0	1"
22.0	26.0	1 1/8"
26.0	30.5	1 1/4"
30.5	34.0	1 3/8"
34.0	38.0	1 1/2"
38.0	43.0	1 3/4"
43.0	49.0	2"
49.0	54.0	2 1/4"
54.0	61.0	2 1/2"
60.0	67.0	2 3/4"
66.0	73.0	3"
73.0	79.0	3 1/4"
79.0	84.0	3 1/2"

PRODUCTS AS PER CUSTOMERS' DESIGN & SPECIFICATIONS



FOR ARMOURED CABLES

FOR DOUBLE COMPRESSION WEATHER PROOF & FLAME PROOF TYPE CABLE GLAND

Cable Overall Diameter (mm)		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Thread BSC
From	To				
6.0	13.0	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
13.0	16.5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
16.5	18.5	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
16.5	18.5	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
18.5	20.0	HCGW 02	HCGF 02	HCGFIIC 02	1"
18.5	20.0	HCGW 02A	HCGF 02A	HCGFIIC 02A	3/4"
20.0	23.0	HCGW 03	HCGF 03	HCGFIIC 03	1"
23.0	26.0	HCGW 04	HCGF 04	HCGFIIC 04	1"
23.0	26.0	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
26.0	30.0	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
26.0	30.0	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
30.0	33.0	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
30.0	33.0	HCGW 06A	HCGF 06A	HCGFIIC 06A	1 1/4"
33.0	37.0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
37.0	41.0	HCGW 08	HCGF 08	HCGFIIC 08	2"
41.0	46.0	HCGW 09	HCGF 09	HCGFIIC 09	2 "
46.0	52.0	HCGW 010	HCGF 010	HCGFIIC 010	2"
46.0	52.0	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
52.0	54.0	HCGW 011S	HCGF 011S	HCGFIIC 011S	2 1/2"
54.0	61.0	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
61.0	66.0	HCGW 012	HCGF 012	HCGFIIC 012	3 "
66.0	72.0	HCGW 013A	HCGF 013A	HCGFIIC 013A	3"
72.0	78.0	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"
78.0	84.0	HCGW 014	HCGF 014	HCGFIIC 014	3 1/2"
84.0	94.0	HCGW 015	HCGF 015	HCGFIIC 015	4 "
94.0	104.0	HCGW 016	HCGF 016	HCGFIIC 016	4 1/2"

FOR UNARMOURED CABLES

FOR DOUBLE COMPRESSION WEATHER PROOF & FLAME PROOF TYPE CABLE GLAND

Cable Overall Diameter (mm)		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Thread BSC
From	To				
5.0	11.0	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
11.0	14.0	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
14.0	18.0	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
18.0	20.0	HCGW 02	HCGF 02	HCGFIIC 02	1"
20.0	22.0	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
22.0	26.0	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
26.0	30.0	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
30.0	33.0	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
33.0	36.0	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
36.0	41.0	HCGW 08	HCGF 08	HCGFIIC 08	2 "
41.0	44.0	HCGW 09	HCGF 09	HCGFIIC 09	2 "
44.0	52.0	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
52.0	56.0	HCGW 011	HCGF 011	HCGFIIC 011	70 mm
56.0	66.0	HCGW 012	HCGF 012	HCGFIIC 012	3 "
66.0	74.0	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"
74.0	80.0	HCGW 014	HCGF 014	HCGFIIC 014	3 1/2"
80.0	90.0	HCGW 015	HCGF 015	HCGFIIC 015	4 "
90.0	100.0	HCGW 016	HCGF 016	HCGFIIC 016	4 1/2"



HEX®
AN ISO 9001 COMPANY

HEXPRESS CRIMPING TOOLS

HEXPRESS A - 6

Crimping Capacity :
0.5mm^2 to 6mm^2
Weight : 0.340gms



HEXPRESS B - 16

Crimping Capacity :
0.5mm^2 to 16mm^2
Weight : 0.600gms



HEXPRESS F1 - 185

Dies : R - 1 to R - 13
Crimping Capacity :
10mm^2 to 185mm^2
Weight : 6.450kgs



HEXPRESS F1 -185 (HEX Profile Die)

Dies : R - 1 to R - 13
Crimping Capacity :
10mm^2 to 185mm^2
Weight : 6.450kgs



HEXPRESS G - 400

Dies : Hex Profile
Crimping Capacity :
25mm^2 to 400mm^2
Weight : 9.600kgs



HEXPRESS G1 - 400

{Gear Operated}
Dies : R - 11 to R - 18
Crimping Capacity :
50mm^2 to 400mm^2
Weight : 9.500kgs



HEXPRESS HY - 400

{Hydraulic}
Dies : R - 11 to R - 18
Crimping Capacity :
upto 400mm^2
Weight : 16.500kgs



HEXPRESS HY - 1000

{Hydraulic}
Dies : R - 11 to R - 29
Crimping Capacity :
upto 1000mm^2
Weight : 25.500kgs

HEXPRESS - H - 50

(Dieless) Crimping Capacity :
for Cu. & Al.
Crimping socket : 25, 35 & 50mm^2
for Ring Type : 16, 25 & 35mm^2
Weight : 1.700kgs



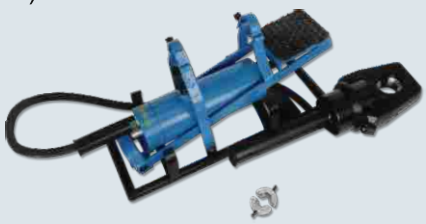
HEXPRESS - H - 70

(Dieless)
for Ring Type only
Crimping Capacity :
16 to 70mm^2
Weight : 2.950kgs



HEXPRESS HYF - 400

(Hydraulic Foot Operated)
Crimping Capacity :
50mm^2 to 400mm^2
Weight : 17kgs



F1 - 185

Ring Type Die
R - 1 to R - 13



G - 400

Hex Profile Die
H - 50 to H - 400



G1 - 400

Hex Profile Die
H - 50 to H - 400



HY - 400

R - 11 to R - 15

R - 16 to R - 18



HY - 1000

R - 11 to R - 14

R - 15 to R - 18

R - 19 to R - 29



PLEASE NOTE :

Die Nos. R-8 does not exist for any type of tool

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HEXPRESS - 01

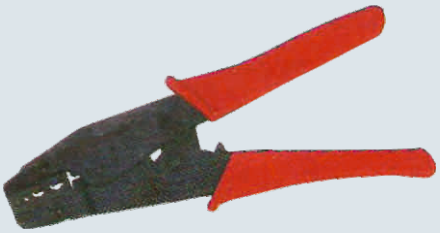
(For Insulated)
Crimping Capacity :
1.5mm^2 to 2.5mm^2 4.6mm^2
Weight : 0.556gms





HEXPRESS - 02

(2 in 1) Insulation & End Sealing Ferrules
Crimping Capacity : 0.5mm^2 - 2.5mm^2
Weight : 0.414gms





HEXPRESS - 03

(For End Sealing Ferrules)
Crimping Capacity :
0.25mm^2 - 6mm^2
Weight : 0.420gms





HEXPRESS - 04

(For End Sealing Ferrules)
Crimping Capacity :
6mm^2 - 16mm^2
Weight : 0.556gms





HEXPRESS - 05

(3 in 1) Insulation,
End Sealing & Ordinary Lugs
Crimping Capacity :
0.5mm^2 - 6mm^2
Weight : 0.702gms





HEXPRESS - 06

(Hydraulic Hand Operated)
Crimping Capacity :
16mm^2 - 300mm^2
Weight : 5.100kgs





HEXPRESS - 07

HEAVY DUTY
(Hydraulic Hand Operated)
Crimping Capacity :
16mm^2 - 300mm^2
Weight : 5.317kgs





HEXPRESS - 09

(Wire Cutter)
Cutting Capacity :
upto 30mm^2
Weight : 0.160gms



HEXPRESS - 10

(Wire stripper cum cutter) (2 in 1)
Cutting Capacity :
0.6mm^2 - 5mm^2
Weight : 0.290gms



HEXPRESS - 11

(Fasting Tool for Cable Tie)
Suitable for just bind Wire &
Automatic Cutting
Weight : 0.330gms



HEXPRESS - 12

(Snap On)
Crimping Capacity :
1.5mm^2, 2.5mm^2 & 4.6mm^2
Weight : 0.548gms



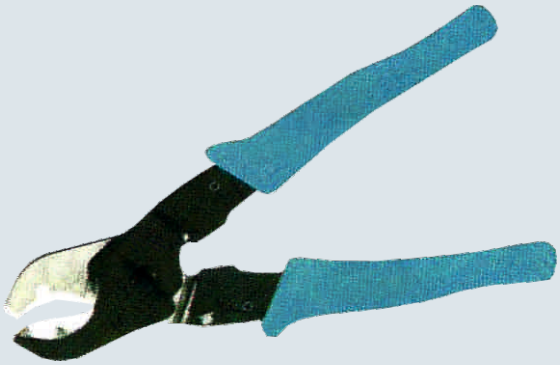
HEXPRESS - 13

(Cable Cutter) Cutting Capacity :
upto 500mm^2
Weight : 2.724kgs



HEXPRESS - 14

(Wire Cutter)
Cutting Capacity :
up to 70mm^2
Weight : 0290kgs



HEXPRESS - 15

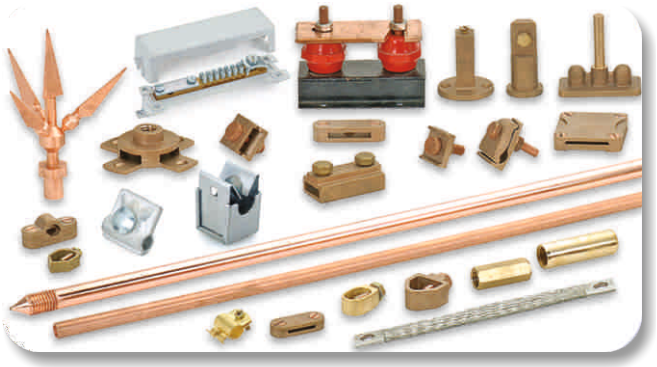
(Ratcheting Cable Cutter with Adjustable Handle)
Cutting for ACSR Armored Cable,
Copper & Aluminium Cable
NOT FOR CUTTING STRESSED STEEL WIRE
Cutting Capacity :
up to 400mm^2
Weight : 1.8kgs



Other range of HEX products



CABLE TERMINAL ENDS & CONNECTORS



EARTHING & LIGHTNING PROTECTION



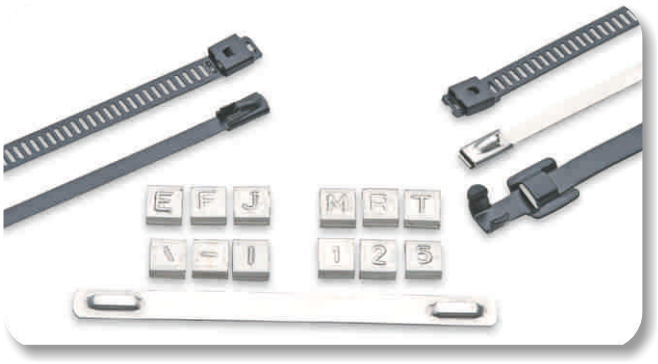
CONTROL PANEL / SWITCHBOARD ACCESSORIES



CONDUIT ACCESSORIES, CHANNELS & PIPE CLAMPS



CABLE JOINTING & TERMINATION KIT COMPONENTS



STAINLESS STEEL CABLE TIES & MARKERS

COMPANY POLICY

Corporate Goal

Maintain a satisfied customer base with quality products that meet application requirements completely.

We aim to secure the existing customers and concurrently augment new customers to the HEX family.

Planning

Strict adherence to ABC analysis for production planning and inventory management.

We employ ERP tools to integrate our sales, production, purchase and dispatch divisions.

Technologies

Employ the latest technologies in manufacturing with the intent to increase quality of product, reduce wastage, meet environment norms and increase production.

Product Quality

Continuously endeavor to improve product quality and reach a zero defect level of manufacturing. Contribute to the efficient utilization of the national resources.

Team Work

At HEX house we instill family values into our working environment.

We believe, as the individual spends a major part of his day at work, being in a close knit and congenial environment enhances their productivity.

We extend similar values in our dealings with distributors and channel partners.

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