



CABLE TERMINAL ENDS
CONNECTORS
CRIMPING TOOLS

History in Engineering eXcellence



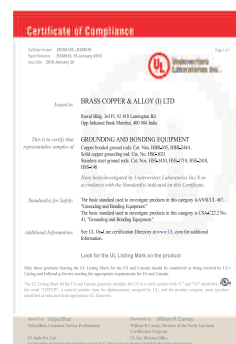
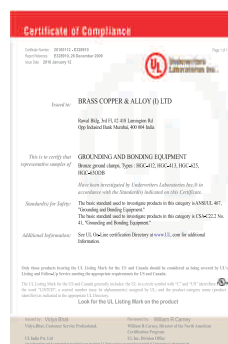
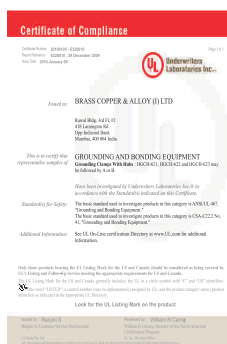
HEX Factory situated near Vapi, Gujarat.

1992 self-starter, dedicated engineers ventured to seed the Asia's largest industry of Cable Accessories and Connectors. The values set forth then, have been the cornerstone of the group's vision. Today the business of HEX in India & abroad carries the Hallmark, that would continue as a legacy. At HEX we pay tribute to our founders and pledge to uphold the Hex values and make them a way of life at work, in our personal lives and in the lives of those whom we touch.

HEX enjoys a close working relationship with all its retail chains. With an extensive network of dealers and distributors worldwide, you'll never be away from a Hex stockist. HEX ensures the best of advice from its trained staff, backed up with fast product availability.

A HEX customer can always count on systematically structured commercial organization that provides the most complete and advanced, pre and post sales service.

Its centralized services are designed to reap the benefits of economies of scales for newer opportunities and ancillaries. Growth and service is our essence. We are sure you will join those who have discovered HEX's outstanding record and its commitment recognizing its quality and professional service.



DEFINITION

CABLE TERMINAL ENDS :

As per International Specifications, Cable terminal is a connecting device with barrel accommodating respective conductor size of electrical cable & which has fixing arrangements of termination by means of a bolt fixing or pin insertions in tunnel type terminal blocks.

IN - LINE CONNECTORS :

This is a connecting device accommodating two electrical conductors to form a straight line.

A CONVENIENT SOLUTION

HEX cable terminals offer the following advantages :

- 1) Safe & economical both in design and use.
- 2) All copper products are electro-tinned to BS standard and this prevents them from corrosion and oxidation.
- 3) PVC insulation is provided to terminals for exceptional di-electric strength & for supporting the wire insulation at the base of the terminal thereby ensuring that no bare wire is exposed. It also provides circumferential insulation support to the wire and prevents the loss of connection due to vibration, or flexing in use.
- 4) Entry to the terminal is shock-proof, or bell mouthed for faster and easier conductor entry.
- 5) All the products are manufactured under strict quality control and conform fully to the specification and requirements. Our services are always available to solve customer problems and to provide improvements.

PRODUCT USAGE

1. TERMINAL ENDS : These are more commonly used. These tubular terminal ends, manufactured from soft drawn, pure, high conductivity copper tubes conforming to BS 1977. They are fully annealed to ensure qualities of electrical and mechanical strength. These are also produced from aluminum tubes.
2. IN LINE CONNECTORS & FERRULES : They are manufactured from soft drawn copper tube as per BS - 1977 and aluminum to obtain high electrical & mechanical strength. They are used for straight through joints for joining of cable conductors.
3. RING TYPE TERMINAL ENDS : They are manufactured from high conductivity copper and are Electro - tinned for corrosion resistance. Ring type terminal ends are available in different sizes, to serve the different joining techniques such as Crimping, Soldering and Welding.
4. PIN TYPE TERMINAL ENDS : Three types are available in this type of terminal ends Round, Regular, and Flat. They are mainly used for Terminal station, Flexible cord, For smaller sizes of cable. Pin type terminal Ends are generally available for Crimping type of connections which are made out of High Conductivity copper.
5. FORK TYPE TERMINAL ENDS : This type of terminal ends are mainly used for termination of Flexible wires, Cords, Meters of control panel / switchboard, etc, according to the requirements. They are made of High conductivity copper and are for Crimping.
6. REDUCER PIN TYPE OF TERMINAL ENDS : Reducers or copper pin terminals are produced to meet the needs of cable entering, Copper tunnel clamps such as Cutouts, Meters etc. They can be connected by the crimping method.

FIELD OF APPLICATIONS

- 1) Electricity Boards : Generation, Distribution etc.
- 2) Electrical Industries : Control panels, Switch gears, Transformers, Circuit breakers.
- 3) Projects & Industries for Electrical applications : Shipping, Automobile, Steel & Fertilizers, Chemical, Cement and Textile, Chemical Electronics, Mining Aeronautics, Satellite and Communications etc.

SPECIFICATIONS:

'HEX' range of cable terminals ends have been designed to meet international standards. This ensures compliance with the demands of a majority of end users like Electrical Authorities , Contractors, Switch Board Panel Builders, Electrical Wholesale Outlets and Traders.

Copper specification : 99% IACS, to BS EN 1976 : 1998, BS EN 1978 : 1998
Copper finish : Electro Tinned to BS 1827 : 1984

The compliance with electrical specifications are in accordance with the general requirements. Initial / Final Resistance, Tensile "Pull Off" test and Cycling Periods, if necessary.

The HEX range of terminals meets above specifications and also refer to the following standard:

- Compression joints for copper connections as per BS 4579 part I 1970 (1988)

We also manufacture following terminals as per DIN standards :

- Copper sealing ferrules as per DIN 46228
- Copper Tubular terminals as per DIN 40500
- Copper Tubular terminals as per DIN 46235

TEST FACILITIES:

Our engineers utilize extensive in-house testing facilities to ensure the integrity and performance of every product, that rolls out of our plant.

TOOL ROOM AND CALIBRATION:

We have inhouse facilities for making tools & dies for manufacturing our products. Our fully trained technicians continuously monitor and maintain the tooling and the all equipments are calibrated at regular intervals by registered bodies.

QUALITY:

HEX has set strict standards for itself, which it maintains without any compromises. Our focus is on the following areas:

- Knowing the customer's needs
- Faultless planning
- Certified performance
- Clear instruction manual
- Timely delivery
- Efficient after sales service
- Feedback & control
- Value for money

STOCK AVAILABILITY:

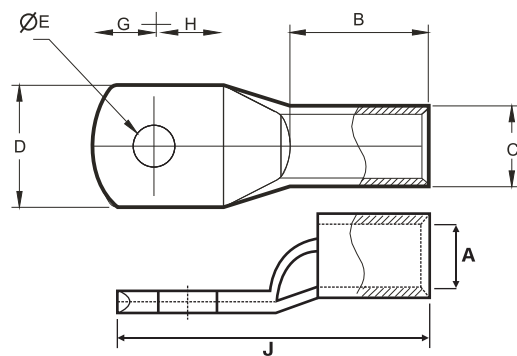
Our modern warehousing facilities and storage systems ensure availability of the complete range of products and its prompt despatch. Strategically positioned, all the complexes are technologically equipped to streamline order processing and delivery.

CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

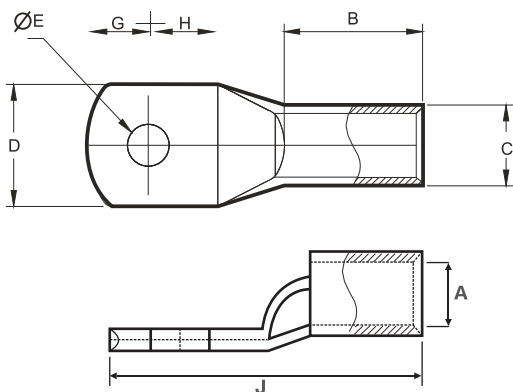
Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	D	G	H	B	J	
1.5	4.2	1.8	3.7	8	4	5	6	17	HT 1.5 - 4
	5.2	1.8	3.7	8	4	5	6	17	HT 1.5 - 5
	6.5	1.8	3.7	10	4	6	6	18	HT 1.5 - 6
2.5	4.2	2.4	4	8	4	5	8	19	HT 2.5 - 4
	5.2	2.4	4	8	4	5	8	19	HT 2.5 - 5
	6.5	2.4	4	10	5	6	8	21	HT 2.5 - 6
	8.4	2.4	4.2	12	6	9	8	26	HT 2.5 - 8
4	4.2	3.1	4.8	10	5	6	8	21	HT 4 - 4
	5.2	3.1	4.8	10	5	6	8	21	HT 4 - 5
	6.5	3.1	4.8	10	5	6	8	21	HT 4 - 6
	8.4	3.1	4.8	12	6	9	8	26	HT 4 - 8
6	5.2	3.8	5.5	10	5	6	10	24	HT 6 - 5
	6.5	3.8	5.5	10	5	6	10	24	HT 6 - 6
	8.4	3.8	5.5	12	6	9	10	28	HT 6 - 8
	10.5	3.8	6.0	15	8	11	10	32	HT 6 - 10
10	6.5	4.5	6.2	11	6	7	10	26	HT 10 - 6
	8.4	4.5	6.2	12	6	9	10	28	HT 10 - 8
	10.5	4.5	6.8	15	8	11	11	33	HT 10 - 10
16	6.5	5.4	7.1	12	7	7	12	30	HT 16 - 6
	8.4	5.4	7.1	12	7	7	12	30	HT 16 - 8
	10.5	5.4	7.6	15	8	12	12	36	HT 16 - 10
	13	5.4	7.6	17	11	13	12	39	HT 16 - 12
25	6.5	6.8	8.8	13	7	7	12	30	HT 25 - 6
	8.4	6.8	8.8	13	7	7	12	30	HT 25 - 8
	10.5	6.8	8.8	15	10	11	13	38	HT 25 - 10
	13	6.8	9.2	17	10	12	15	41	HT 25 - 12
35	6.5	8.2	10.6	16	9	9	13.5	37	HT 35 - 6
	8.4	8.2	10.6	16	9	9	13.5	37	HT 35 - 8
	10.5	8.2	10.6	16	9	9	13.5	37	HT 35 - 10
	13	8.2	10.6	18	10	12	13.5	41	HT 35 - 12
	17	8.2	10.6	22	14	18	13.5	50	HT 35 - 16
50	8.4	9.5	12.4	18	9	10	17	42	HT 50 - 8
	10.5	9.5	12.4	18	9	10	17	42	HT 50 - 10
	13	9.5	12.4	20	10	12	17	45	HT 50 - 12
	17	9.5	12.4	22	15	15	18	54	HT 50 - 16
70	8.4	11.3	14.6	21	11	11	18.5	47	HT 70 - 8
	10.5	11.3	14.6	21	11	11	18.5	47	HT 70 - 10
	13	11.3	14.6	21	11	11	18.5	47	HT 70 - 12
	14.5	11.3	14.6	22	14	15	18.5	55	HT 70 - 14
	17	11.3	14.6	26	14	16	18.5	56	HT 70 - 16
95	10.5	13.5	17.4	25	12	13	21	53	HT 95 - 10
	13	13.5	17.4	25	12	13	21	53	HT 95 - 12
	14.5	13.5	17.4	25	14	15	22	55	HT 95 - 14
	17	13.5	17.4	25	14	16	22	56	HT 95 - 16

Note : All dimensions in mm

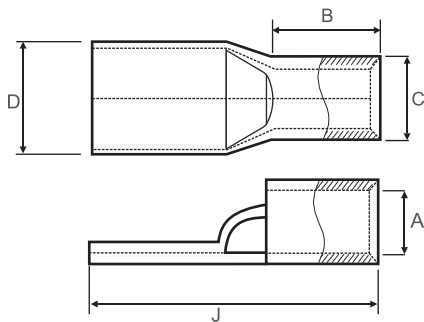


CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



Cable Size 800 / 1000



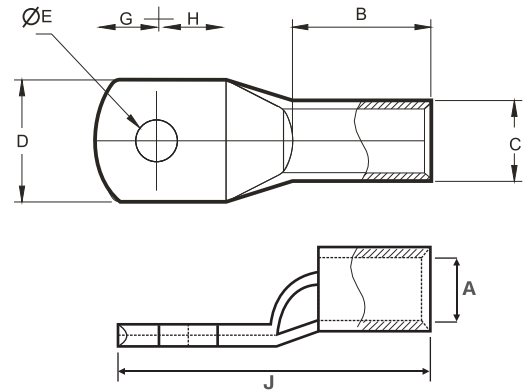
Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	D	G	H	B	J	
120	13	15	19.4	28	13	14	23	60	HT 120 - 12
	14.5	15	19.4	28	13	14	23	60	HT 120 - 14
	17	15	19.4	28	16	16	23	64	HT 120 - 16
150	13	16.5	21.2	30	16	16	27	70	HT 150 - 12
	14.5	16.5	21.2	30	16	16	27	70	HT 150 - 14
	17	16.5	21.2	30	16	16	27	70	HT 150 - 16
	21	16.5	21.2	30	19	16	27	73	HT 150 - 20
185	13	18.5	23.5	34	17	19	32	80	HT 185 - 12
	14.5	18.5	23.5	34	17	19	32	80	HT 185 - 14
	17	18.5	23.5	34	17	19	32	80	HT 185 - 16
	21	18.5	23.5	34	17	19	32	80	HT 185 - 20
240	13	21	26.5	38	20	20	37	94	HT 240 - 12
	14.5	21	26.5	38	20	20	37	94	HT 240 - 14
	17	21	26.5	38	20	20	37	94	HT 240 - 16
	21	21	26.5	38	20	20	37	94	HT 240 - 20
	-	21	26.5	38	-	-	37	94	HT 240 - BL
300	13	23.5	30	43	22	22	42	101	HT 300 - 12
	14.5	23.5	30	43	22	22	42	101	HT 300 - 14
	17	23.5	30	43	22	22	42	101	HT 300 - 16
	21	23.5	30	43	22	22	42	101	HT 300 - 20
	-	23.5	30	43	-	-	42	103	HT 300 - BL
400	13	28.5	36.5	52.5	26	26	44	114	HT 400 - 12
	14.5	28.5	36.5	52.5	26	26	44	114	HT 400 - 14
	17	28.5	36.5	52.5	26	26	44	114	HT 400 - 16
	21	28.5	36.5	52.5	26	26	44	114	HT 400 - 20
	-	28.5	36.5	52.5	-	-	44	114	HT 400 - BL
500	17	30	39	56	28	28	48	129	HT 500 - 16
	21	30	39	56	28	28	48	129	HT 500 - 20
	-	30	39	56	-	-	48	129	HT 500 - BL
630	17	35	45	63.8	33	33	58	148	HT 630 - 16
	21	35	45	63.8	33	33	58	148	HT 630 - 20
	-	35	45	63.8	-	-	58	148	HT 630 - BL
800	-	39	50.6	72	-	-	78	170	HT 800 - BL
1000	-	43	56.2	78.5	-	-	90	200	HT 1000-BL

Note : All dimensions in mm

CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS - ECONOMY RANGE

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

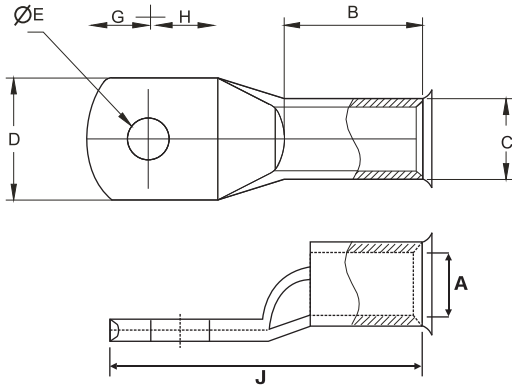
Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	D	G	H	B	J	
35	6.5	8	10	15	9	9	13.5	37	HLT 35-6
	8.4	8	10	15	9	9	13.5	37	HLT 35-8
	10.5	8	10	15	9	9	13.5	37	HLT 35-10
	13	8	10	18	10	12	13.5	41	HLT 35-12
	17	8	10	22	14	16	13.5	50	HLT 35-16
50	6.5	9.2	11.2	16	9	10	17	42	HLT 50-6
	8.4	9.2	11.2	16	9	10	17	42	HLT 50-8
	10.5	9.2	11.2	16	9	10	17	42	HLT 50-10
	13	9.2	11.2	20	10	12	17	45	HLT 50-12
	14.5	9.2	11.2	22	15	15	18	54	HLT 50-14
	17	9.2	11.2	22	15	15	18	54	HLT 50-16
	21	9.2	11.2	26	16	18	18	60	HLT 50-20
70	8.4	11.5	13.8	20	11	11	18.5	47	HLT 70-8
	10.5	11.5	13.8	20	11	11	18.5	47	HLT 70-10
	13	11.5	13.8	20	11	11	18.5	47	HLT 70-12
	14.5	11.5	13.8	20	14	15	18.5	55	HLT 70-14
	17	11.5	13.8	20	14	16	18.5	56	HLT 70-16
	21	11.5	13.8	20	16	18	18.5	63	HLT 70-20
95	8.4	12.8	15.6	23	12	13	21	53	HLT 95-8
	10.5	12.8	15.6	23	12	13	21	53	HLT 95-10
	13	12.8	15.6	23	12	13	21	53	HLT 95-12
	14.5	12.8	15.6	23	14	15	22	55	HLT 95-14
	17	12.8	15.6	23	14	16	22	56	HLT 95-16
	21	12.8	15.6	23	15	16	22	63	HLT 95-20
120	8.4	14.8	17.8	26	13	14	23	60	HLT 120-8
	10.5	14.8	17.8	26	13	14	23	60	HLT 120-10
	13	14.8	17.8	26	13	14	23	60	HLT 120-12
	14.5	14.8	17.8	26	13	14	23	60	HLT 120-14
	17	14.8	17.8	26	16	16	23	64	HLT 120-16
	21	14.8	17.8	26	16	20	23	68	HLT 120-20
150	8.4	16	19.6	28	16	16	27	70	HLT 150-8
	10.5	16	19.6	28	16	16	27	70	HLT 150-10
	13	16	19.6	28	16	16	27	70	HLT 150-12
	14.7	16	19.6	28	16	16	27	70	HLT 150-14
	17	16	19.6	28	16	16	27	70	HLT 150-16
	21	16	19.6	28	16	16	27	73	HLT 150-20
185	10.5	18	22	32	17	19	32	80	HLT 185-10
	13	18	22	32	17	19	32	80	HLT 185-12
	14.7	18	22	32	17	19	32	80	HLT 185-14
	17	18	22	32	17	19	32	80	HLT 185-16
	21	18	22	32	17	19	32	80	HLT 185-20
240	10.5	22	26	38	20	21	39	94	HLT 240-10
	13	22	26	38	20	21	39	94	HLT 240-12
	14.7	22	26	38	20	21	39	94	HLT 240-14
	17	22	26	38	20	21	39	94	HLT 240-16
	21	22	26	38	20	21	39	94	HLT 240-20
300	10.5	24	28.7	42	22	23	42	102	HLT 300-10
	13	24	28.7	42	22	23	42	102	HLT 300-12
	14.7	24	28.7	42	22	23	42	102	HLT 300-14
	17	24	28.7	42	22	23	42	102	HLT 300-16
	21	24	28.7	42	22	23	42	102	HLT 300-20
	BL	24	28.7	42	22	23	42	102	HLT 300-BL
400	13	28	33.2	49	25	25	45	112	HLT 400-12
	14.7	28	33.2	49	25	25	45	112	HLT 400-14
	17	28	33.2	49	25	25	45	112	HLT 400-16
	21	28	33.2	49	25	25	45	112	HLT 400-20
	BL	28	33.2	49	25	25	45	112	HLT 400-BL
500	14.7	30	36	53	27	27	50	121	HLT 500-14
	17	30	36	53	27	27	50	121	HLT 500-16
	21	30	36	53	27	27	50	121	HLT 500-20
	BL	30	36	53	27	27	50	121	HLT 500-BL
630	14.7	35	41.5	61	25	25	70	144	HLT 630-14
	17	35	41.5	61	25	25	70	144	HLT 630-16
	21	35	41.5	61	25	25	70	144	HLT 630-20
	BL	35	41.5	61	25	25	70	144	HLT 630-BL
800	BL	39	46.3	67	-	-	78	170	HLT 800-BL



Note : All dimensions in mm

CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS - BELL MOUTH

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	D	G	H	B	J	
10	5.2	4.5	6.2	11	6	7	10	26	BHT 10-5
	6.5	4.5	6.2	11	6	7	10	26	BHT 10-6
	8.4	4.5	6.2	12	6	9	10	28	BHT 10-8
	10.5	4.5	6.8	15	8	11	11	33	BHT 10-10
	13	4.5	6.8	18	9	11	11	36	BHT 10-12
16	5.2	5.4	7.1	12	7	7	12	30	BHT 16-5
	6.5	5.4	7.1	12	7	7	12	30	BHT 16-6
	8.4	5.4	7.1	12	7	7	12	30	BHT 16-8
	10.5	5.5	7.6	15	8	12	12	36	BHT 16-10
	13	5.5	7.6	17	11	13	12	39	BHT 16-13
	17	5.5	7.6	21	13	14	12	44	BHT 16-16
25	6.5	6.8	8.8	13	7	7	12	30	BHT 25-6
	8.4	6.8	8.8	13	7	7	12	30	BHT 25-8
	10.5	6.8	8.8	15	10	11	13	38	BHT 25-10
	13	6.8	9.2	17	10	12	15	41	BHT 25-12
	17	6.8	9.2	21	13	14	15	47	BHT 25-16
35	6.5	8.2	10.6	15.3	9	9	13.5	37	BHT 35-6
	8.4	8.2	10.6	15.3	9	9	13.5	37	BHT 35-8
	10.5	8.2	10.6	15.3	9	9	13.5	37	BHT 35-10
	13	8.2	10.6	15.3	10	12	13.5	41	BHT 35-12
	17	8.2	10.6	22	13	14	15	47	BHT 35-16
50	6.5	9.5	12.4	17.8	9	10	17	42	BHT 50-6
	8.4	9.5	12.4	17.8	9	10	17	42	BHT 50-8
	10.5	9.5	12.4	17.8	9	10	17	42	BHT 50-10
	13	9.5	12.4	20	10	12	17	45	BHT 50-13
	14.5	9.5	12.4	22	15	15	18	54	BHT 50-14
	17	9.5	12.4	22	15	15	18	54	BHT 50-16
	21	9.5	12.4	26	16	18	18	60	BHT 50-20
70	8.4	11.3	14.6	21	11	11	18.5	47	BHT 70-8
	10.5	11.3	14.6	21	11	11	18.5	47	BHT 70-10
	13	11.3	14.6	21	11	11	18.5	47	BHT 70-12
	14.5	11.3	14.6	22	14	15	18.5	55	BHT 70-14
	17	11.3	14.6	26	14	16	18.5	56	BHT 70-16
	21	11.3	14.6	28	16	18	18.5	63	BHT 70-20
95	8.4	13.5	17.4	25	12	13	21	53	BHT 95-8
	10.5	13.5	17.4	25	12	13	21	53	BHT 95-10
	13	13.5	17.4	25	12	13	21	53	BHT 95-12
	14.5	13.5	17.4	25	14	15	22	55	BHT 95-14
	17	13.5	17.4	25	14	16	22	56	BHT 95-16
	21	13.5	17.4	28	15	16	22	63	BHT 95-20
120	8.4	15	19.4	28	13	14	23	60	BHT 120-8
	10.5	15	19.4	28	13	14	23	60	BHT 120-10
	13	15	19.4	28	13	14	23	60	BHT 120-12
	14.5	15	19.4	28	13	14	23	60	BHT 120-14
	17	15	19.4	28	16	16	23	64	BHT 120-16
	21	15	19.4	28	16	20	23	68	BHT 120-20

Note : All dimensions in mm

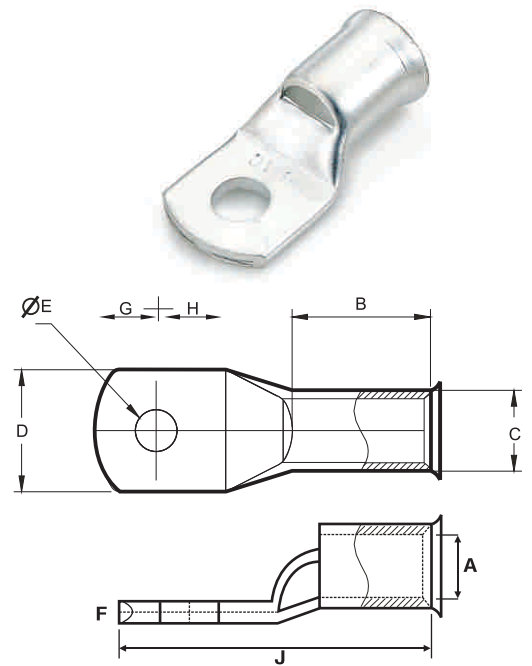
CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS - BELL MOUTH

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	D	G	H	B	J	
150	8.4	16.5	21.2	30	16	16	27	70	BHT 150-8
	10.5	16.5	21.2	30	16	16	27	70	BHT 150-10
	13	16.5	21.2	30	16	16	27	70	BHT 150-12
	14.7	16.5	21.2	30	16	16	27	70	BHT 150-14
	17	16.5	21.2	30	16	16	27	70	BHT 150-16
	21	16.5	21.2	30	16	16	27	73	BHT 150-20
185	10.5	18.5	23.5	34	17	19	32	80	BHT 185-10
	13	18.5	23.5	34	17	19	32	80	BHT 185-12
	14.7	18.5	23.5	34	17	19	32	80	BHT 185-14
	17	18.5	23.5	34	17	19	32	80	BHT 185-16
	21	18.5	23.5	34	17	19	32	80	BHT 185-20
240	10.5	21	26.5	38	20	21	39	94	BHT 240-10
	13	21	26.5	38	20	21	39	94	BHT 240-12
	14.5	21	26.5	38	20	21	39	94	BHT 240-14
	17	21	26.5	38	20	21	39	94	BHT 240-16
	21	21	26.5	38	20	21	39	94	BHT 240-20

Note : All dimensions in mm

Bell Mouth above 240 mm² can be supplied on request.



FOUR HOLE CABLE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

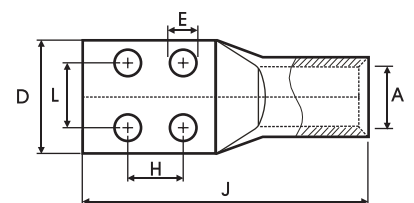
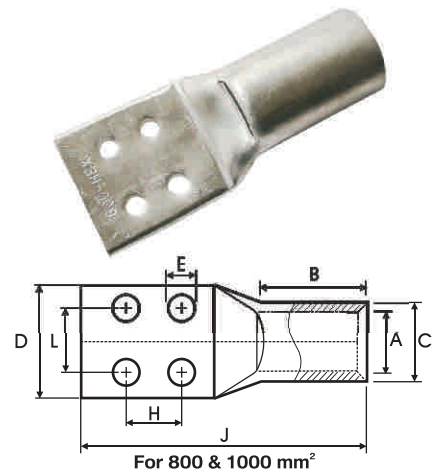
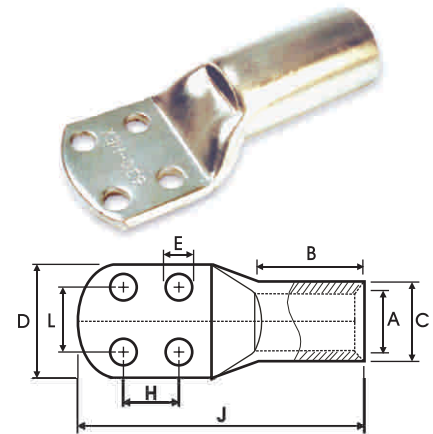
Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	D	B	L	H	J	
400	10.5	28.5	36.5	52.5	44	35	25	114	HT4004E10
	12.5	28.5	36.5	52.5	44	35	25	114	HT 4004E12
500	10.5	30	39	56	48	35	25	124	HT 5004E10
	12.5	30	39	56	48	35	25	124	HT 5004E12
630	10.5	35	45	65	56	35	25	144	HT 6304E10
	12.5	35	45	65	56	35	25	144	HT 6304E12
800	10.5	39	50.6	72	78	35	25	170	HT 8004E10
	12.5	39	50.6	72	78	35	25	170	HT 8004E12
1000	10.5	43	56.2	78.5	90	35	25	200	HT10004E10
	12.5	43	56.2	78.5	90	35	25	200	HT 10004E12

Note : All dimensions in mm

FOUR HOLE CABLE TERMINAL ENDS (ECONOMY RANGE)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

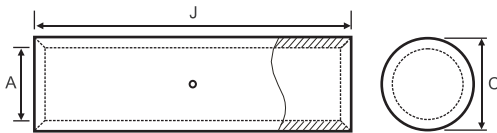
Cable mm ²	Dimensions						Product Code
	E	A	D	L	H	J	
630	10.5	35	61	35	25	144	HT 6304E10
800	10.5	39	67	35	25	170	HT 8004E10



CRIMPING TYPE COPPER TUBULAR IN - LINE CONNECTORS (LINKS)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

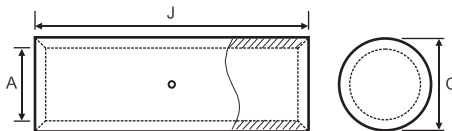
Long Barrel
Connectors



Cable mm ²	Dimensions			Product Code
	A	C	J	
1.5	1.8	3.7	22	HC 1.5
2.5	2.4	4	22	HC 2.5
4	3.1	4.8	22	HC 4
6	3.8	5.5	22	HC 6
10	4.5	6.2	22	HC 10
16	5.4	7.1	44	HC 16
25	6.8	8.8	47	HC 25
35	8.2	10.6	47	HC 35
50	9.5	12.4	47	HC 50
70	11.3	14.7	50	HC 70
95	13.5	17.4	54	HC 95
120	15	19.4	65	HC 120
150	16.5	21.2	65	HC 150
185	18.5	23.5	65	HC 185
240	21	26.5	89	HC 240
300	23.5	30	89	HC 300
400	28.5	36.5	90	HC 400
500	30	39	115	HC 500
550	31.7	41.5	115	HC 550
630	35	45	115	HC 630
800	39	50.6	230	HC 800
1000	43	56.2	230	HC 1000

Note : All dimensions in mm

Short Barrel
Connectors



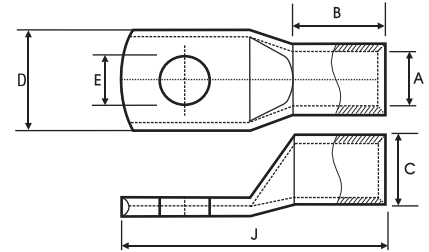
Cable mm ²	Dimensions			Product Code
	A	C	J	
1.5	1.8	3.7	12	HL 1.5
2.5	2.4	4	15	HL 2.5
4	3.1	4.8	15	HL 4
6	3.8	5.5	15	HL 6
10	4.5	6.2	20	HL 10
16	5.4	7.1	20	HL 16
25	6.8	8.8	32	HL 25
35	8.2	10.6	36	HL 35
50	9.5	12.4	40	HL 50
70	11.3	14.7	45	HL 70
95	13.5	17.4	45	HL 95
120	15	19.4	45	HL 120
150	16.5	21.2	55	HL 150
185	18.5	23.5	60	HL 185
240	21	26.5	80	HL 240
300	23.5	30	85	HL 300
400	28.5	36.5	85	HL 400
500	30	39	100	HL 500
550	31.7	41.5	110	HL 550
630	35	45	110	HL 630
800	39	50.6	150	HL 800
1000	43	56.2	170	HL 1000

Note : All dimensions in mm

TINNED COPPER TUBULAR CABLE LUGS (WITHOUT INSPECTION HOLE)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

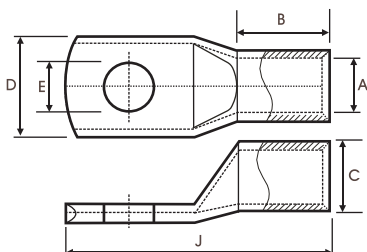
Cable mm ²	Stud Hole E	Dimensions					Product Code
		A	C	D	B	J	
2.5	5.3	2.4	4	10	8	22	HNL 2.5-5
4	5.3	3.1	4.8	10	8	22	HNL 4-5
6	5.3	3.8	5.5	10	9	23.5	HNL 6-5
	6.5	3.8	5.5	10	9	23.5	HNL 6-6
	8.5	3.8	5.5	12	9	32.8	HNL 6-8
	10.5	3.8	6	14.5	9	33	HNL 6-10
	13	3.8	6	17	9	36	HNL 6-12
10	5.3	4.5	6.2	10	10	26	HNL 10-5
	6.5	4.5	6.2	10.5	10	26.5	HNL 10-6
	8.5	4.5	6.2	12	10	28	HNL 10-8
	10.5	4.5	7	15	10	34	HNL 10-10
	13	4.5	7	17	10	40	HNL 10-12
16	5.3	5.4	7.1	10.5	13	31	HNL 16-5
	6.5	5.4	7.1	10.5	13	31	HNL 16-6
	8.5	5.4	7.1	12	13	32	HNL 16-8
	10.5	5.5	7.6	15	13	38	HNL 16-10
	13	5.5	7.6	17	13	42	HNL 16-12
25	5.3	6.8	8.8	13	13	32	HNL 25-5
	6.5	6.8	8.8	13	13	32	HNL 25-6
	8.5	6.8	8.8	13	13	32	HNL 25-8
	10.5	6.8	8.8	15	13	38	HNL 25-10
	13	6.8	9.5	18	13	42	HNL 25-12
	15	6.8	9.5	21	13	45	HNL 25-14
35	6.5	8.2	10.6	15	15	37.5	HNL 35-6
	8.5	8.2	10.6	15	15	42	HNL 35-8
	10.5	8.2	10.6	15	16	48	HNL 35-10
	13	8.2	10.6	17	15	53	HNL 35-12
	15	8.2	10.6	20	15	53	HNL 35-12
50	6.5	9.5	12.4	17.5	17	44	HNL 50-6
	8.5	9.5	12.4	17.5	17	44	HNL 50-8
	10.5	9.5	12.4	17.5	17	49	HNL 50-10
	13	9.5	12.4	20.5	17	53	HNL 50-12
	15	9.5	12.4	23	17	54	HNL 50-14
70	6.5	11.2	14.7	21	21	48	HNL 70-6
	8.5	11.2	14.7	21	21	48	HNL 70-8
	10.5	11.2	14.7	21	21	51.5	HNL 70-10
	13	11.2	14.7	21	21	55	HNL 70-12
	15	11.2	14.7	22	21	61	HNL 70-14
95	8.5	13.5	17.4	25	23	55	HNL 95-8
	10.5	13.5	17.4	25	24	55	HNL 95-10
	13	13.5	17.4	25	24	59	HNL 95-12
	15	13.5	17.4	25	24	67	HNL 95-14
	17	13.5	17.4	26	24	67	HNL 95-16
	21	13.5	17.4	28	24	68	HNL 95-20



Note : All dimensions in mm

TINNED COPPER TUBULAR CABLE LUGS (WITHOUT INSPECTION HOLE)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

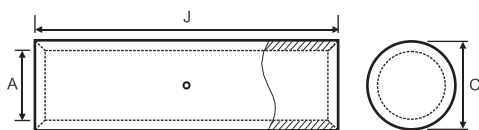


Cable mm ²	Stud Hole E	Dimensions					Product Code
		A	C	D	B	J	
120	8.5	15	19.4	28	24	65	HNL 120-8
	10.5	15	19.4	28	24	65	HNL 120-10
	13	15	19.4	28	24	65	HNL 120-12
	15	15	19.4	28	24	68	HNL 120-14
	17	15	19.4	28	24	68	HNL 120-16
	21	15	19.4	28	24	68	HNL 120-20
150	8.5	16.5	21.2	30	30	69	HNL 120-8
	10.5	16.5	21.2	30	30	69	HNL 150-10
	13	16.5	21.2	30	30	72	HNL 150-12
	15	16.5	21.2	30	30	72	HNL 150-14
	17	16.5	21.2	30	30	72	HNL 150-16
	21	16.5	21.2	30	30	72	HNL 150-20
185	10.5	19	23.5	34	30	82	HNL 185-10
	13	19	23.5	34	30	82	HNL 185-12
	15	19	23.5	34	30	82	HNL 185-14
	17	19	23.5	34	30	82	HNL 185-16
	21	19	23.5	34	30	89	HNL 185-20
240	10.5	21	26.5	38	35	94	HNL 240-10
	13	21	26.5	38	35	94	HNL 240-12
	15	21	26.5	38	35	94	HNL 240-14
	17	21	26.5	38	35	94	HNL 240-16
300	13	23.5	30	43	46	111	HNL 300-12
	15	23.5	30	43	46	111	HNL 300-14
	17	23.5	30	43	46	111	HNL 300-16
	21	23.5	30	43	46	111	HNL 300-20
400	17	27	36.5	50	49	114	HNL 400-16
	21	27	36.5	50	49	114	HNL 400-20
500	17	30	39	56	58	134	HNL 500-16
	21	30	39	56	58	134	HNL 500-20
630	17	35	41.5	61	70	144	HNL 630-16
	21	35	41.5	61	70	144	HNL 630-20
	10.5	35	41.5	61	70	144	HNL 630-4 E10

Note : All dimensions in mm

COPPER CRIMPING CONNECTORS / SLEEVES

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



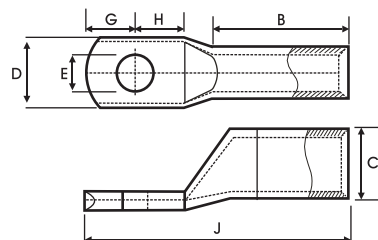
Cable mm ²	Dimensions			Product Code
	A	C	J	
6	3.80	5.50	25.00	HNC - 6
10	4.50	6.20	30.00	HNC - 10
16	5.40	7.10	35.00	HNC - 16
25	6.80	8.80	40.00	HNC - 25
35	8.20	10.60	45.00	HNC - 35
50	9.50	12.40	50.00	HNC - 50
70	11.30	14.30	55.00	HNC - 70
95	13.50	17.50	60.00	HNC - 95
120	15.00	19.40	65.00	HNC - 120
150	16.50	21.20	70.00	HNC - 150
185	19.00	23.50	80.00	HNC - 185
240	21.00	26.50	90.00	HNC - 240
300	23.50	30.00	100.00	HNC - 300
400	27.00	36.50	110.00	HNC - 400
500	30.00	39.00	140.00	HNC - 500
630	35.50	45.00	160.00	HNC - 630
800	39.00	50.60	200.00	HNC - 800
1000	43.00	56.20	200.00	HNC - 1000

LONG BARREL TINNED COPPER CABLE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	D	G	H	B	J	
6	8.4	3.8	5.5	12	6	9	11	29	HTL 6 - 8
10	8.4	4.5	6.2	12	6	9	11	29	HTL 10 - 8
16	8.4	5.4	7.1	12	7	7	15	35	HTL 16 - 8
25	8.4	6.8	8.8	16	7	7	15	35	HTL 25 - 8
35	8.4	8.2	10.6	15.3	9	9	15	38	HTL 35 - 8
50	13	9.5	12.4	18	10	11	20	47	HTL 50 - 12
70	13	11.2	14.7	21	12	13	22	54	HTL 70 - 12
95	13	13.5	17.4	25	13	13	24	59	HTL 95 - 12
120	13	15	19.4	28	14	14	27	65	HTL 120 - 12
150	13	16.5	21.2	30	16	16	32	75	HTL 150 - 12
185	13	18.5	23.5	34	17	17	39	85	HTL 185 - 12
240	17	21	26.5	38	20	20	46	100	HTL 240 - 16
300	21	23.5	30	43	22	22	51	110	HTL 300 - 20
400	21	28.5	36.5	50.1	26	26	53	123	HTL 400 - 20
500	21	30	39	56	28	28	58	134	HTL 500 - 20
630	21	35	45	63.8	33	33	78	156	HTL 630 - 20
800	21	39	50.6	72	37.5	37.5	95	187	HTL 800 - 20

- Other hole size available on request.
- Also available without inspection hole

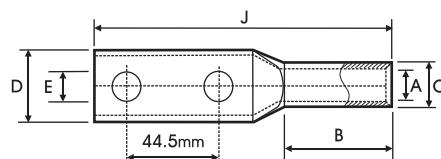


COPPER CABLE TERMINAL ENDS WITH EXTENDED PALM (2 HOLE)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

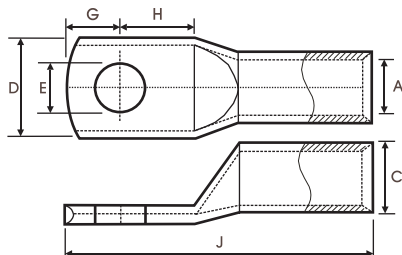
Cable mm ²	Stud Hole E	Dimensions					Product Code
		A	C	D	B	J	
16	10.5	5.4	7.6	14.5	16	100	HT16 2E - 10
25	10.5	6.8	8.8	15	16	100	HT25 2E - 10
35	10.5	8.2	10.6	16.5	16	100	HT35 2E - 10
50	10.5	9.5	12.4	17	25	109	HT50 2E - 10
	13.7	9.5	12.4	17	25	109	HT50 2E - 12
70	10.5	11.3	14.7	21	30	114	HT70 2E - 10
	13.7	11.3	14.7	21	30	114	HT70 2E - 12
95	10.5	13.5	17.4	25	30	116	HT95 2E - 10
	13.7	13.5	17.4	25	30	116	HT95 2E - 12
120	10.5	15	19.4	27.5	35	122	HT120 2E - 10
	13.7	15	19.4	27.5	35	122	HT120 2E - 12
150	10.5	16.5	21.2	30	40	126	HT150 2E - 10
	13.7	16.5	21.2	30	40	126	HT150 2E - 12
185	10.5	18.5	23.5	33.5	42	132	HT185 2E - 10
	13.7	18.5	23.5	33.5	42	132	HT185 2E - 12
240	10.5	21	26.5	38.5	50	143	HT240 2E - 10
	13.7	21	26.5	38.5	50	143	HT240 2E - 12
300	13.7	23.5	30	43	55	144	HT300 2E - 12
400	13.7	28.5	36.5	52.5	60	149	HT400 2E - 12
500	13.7	30	39	56	65	160	HT500 2E - 12
630	13.7	35	45	36.8	75	160	HT630 2E - 12
800	13.7	39	50.6	72	78	214	HT800 2E - 12
1000	13.7	43	56.2	78.5	90	244	HT1000 2E - 12

- Also available with Blank Palm (without hole)
- Also available with inspection hole.



HIGH VOLTAGE COPPER TERMINALS - 33 KV

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



- These terminals are designed for high voltage applications upto 33 KV.
- They are manufactured from high purity Copper tube, annealed & Tin plated.
- The extended barrel enhances both electrical and mechanical performance.
- The absence of an inspection hole to prevent moisture entry into the crimped joint makes these terminals suitable for outdoor applications.

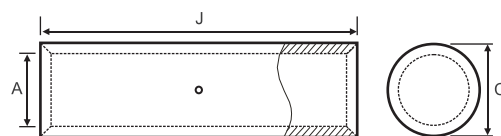
Cable mm ²	Stud Hole E	Dimensions						Product Code
		A	C	D	G	H	J	
25	8	6.8	10.0	14.0	8.0	9.0	65.0	HVCT 25 - 8
	10	6.8	10.0	18.0	11.0	13.0	72.0	HVCT 25 - 10
	12	6.8	10.0	21.0	14.0	16.0	78.0	HVCT 25 - 12
35	12	8.2	12.5	21.0	14.0	16.0	79.0	HVCT 35 - 12
	16	8.2	12.5	26.0	17.0	19.0	85.0	HVCT 35 - 16
50	12	9.5	14.5	21.0	14.0	16.0	79.0	HVCT 50 - 12
	16	9.5	14.5	26.0	17.0	19.0	85.0	HVCT 50 - 16
70	12	11.0	16.0	28.0	14.0	16.0	81.0	HVCT 70 - 12
	16	11.0	16.0	30.0	17.0	19.0	87.0	HVCT 70 - 16
95	12	13.5	19.0	28.0	14.0	16.0	91.0	HVCT 95 - 12
	14	13.5	19.0	29.0	16.0	18.0	95.0	HVCT 95 - 14
	16	13.5	19.0	30.0	17.0	20.0	97.0	HVCT 95 - 16
120	12	15.0	20.5	31.0	14.0	16.0	97.0	HVCT 120 - 12
	14	15.0	20.5	31.0	16.0	18.0	101.0	HVCT 120 - 14
150	12	16.5	23.0	32.0	14.0	16.0	97.0	HVCT 150 - 12
	14	16.5	23.0	32.0	16.0	18.0	101.0	HVCT 150 - 14
185	14	17.0	23.5	32.5	16.0	18.0	101.0	HVCT 185 - 14
240	14	19.2	25.5	44.0	16.0	18.0	105.0	HVCT 240 - 14
300	14	23.5	32.0	43.0	16.0	18.0	105.0	HVCT 300 - 14
400	14	27.0	38.0	51.0	19.0	22.0	140.0	HVCT 400 - 14
	16	27.0	38.0	51.0	19.0	22.0	140.0	HVCT 400 - 16
	20	27.0	38.0	51.0	23.0	24.0	146.0	HVCT 400 - 20
500	16	30.3	41.0	56.5	19.0	22.0	147.0	HVCT 500 - 16
	20	30.3	41.0	56.5	23.0	24.0	153.0	HVCT 500 - 20
630	16	33.4	43.0	61.5	19.0	22.0	159.0	HVCT 630 - 16
	20	33.4	43.0	61.5	23.0	24.0	165.0	HVCT 630 - 20

Note : All dimensions in mm

HIGH VOLTAGE COPPER CONNECTORS - 33KV

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

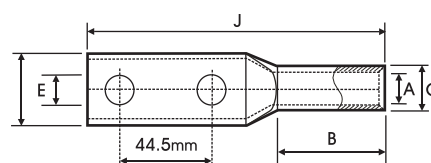
Cable mm ²	Dimensions			Product
	A	C	J	Code
50	9.50	14.50	85.00	HVCC - 50
70	11.00	16.00	87.00	HVCC - 70
95	13.50	19.00	97.00	HVCC - 95
120	15.00	20.50	101.00	HVCC - 120
150	16.50	23.00	101.00	HVCC - 150
185	17.00	23.50	101.00	HVCC - 185
240	19.20	25.50	105.00	HVCC - 240
300	23.50	32.00	105.00	HVCC - 300
400	27.00	38.00	146.00	HVCC - 400
500	30.30	41.00	153.00	HVCC - 500
630	33.40	43.00	165.00	HVCC - 630



HIGH VOLTAGE COPPER TERMINALS DOUBLE HOLE - 33 KV

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

mm ²	E	A	C	B	J	Code
25	10.5	6.8	10.0	38.00	123.00	HVCT - 25 2E10
35	10.5	8.2	12.5	37.00	124.00	HVCT - 35 2E10
50	13.0	9.5	14.5	34.00	124.00	HVCT - 50 2E12
70	13.0	11.0	16.0	36.00	126.00	HVCT - 70 2E12
95	13.0	13.5	19.0	46.00	138.50	HVCT - 95 2E12
120	13.0	15.0	20.5	52.00	144.50	HVCT - 120 2E12
150	13.0	16.5	23.0	49.00	144.50	HVCT - 150 2E12
185	15.0	17.0	23.5	49.00	148.50	HVCT - 185 2E14
240	15.0	19.2	25.5	53.00	152.50	HVCT - 240 2E14
300	17.0	23.5	32.0	46.00	154.50	HVCT - 300 2E16
400	17.0	27.0	38.0	69.00	182.50	HVCT - 400 2E16
500	21.0	30.3	41.0	76.00	194.50	HVCT - 500 2E20
630	21.0	33.4	43.0	88.00	206.50	HVCT - 630 2E20



SPECIAL CABLE TERMINAL ENDS

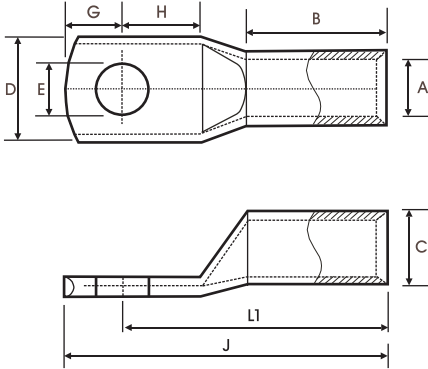
We have specially developed these terminals for supplying it to leading manufacturers of Panel Builders, Distribution Boards, Transformers, Railways, Power Stations, etc. HEX has all the expertise needed in developing & manufacturing special types of terminal ends as per customers design & specifications.



TUBULAR COMPRESSION COPPER CABLE LUGS (AS PER DIN 46235) - 33KV

MATERIAL : E - COPPER • FINISH : UNCOATED / ELECTRO TINNED

- Circular Stranded Copper Conductor to DIN 48201 and Circular Stranded / Sector Shaped Conductor to DIN VDE 0295.



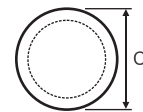
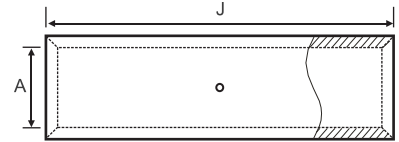
Cable mm ²	Stud Hole E	Dimensions								Product Code
		D	A	B	C	G	H	L1	J	
6	5.3	8.5	3.8	10	5.5	6.5	7.5	24	30.5	HUTD 6 - 5
10	6.5	8.5	4.5	10	6	7	8.5	27.5	34.5	HUTD 10 - 6
16	6.5	12	5.5	20	8.5	7.5	8	35	42.5	HUTD 16 - 6
	8.4	12	5.5	20	8.5	10	10	35	45	HUTD 16 - 8
	10.5	17	5.5	20	8.5	12	12	37	49	HUTD 16 - 10
	13	19	5.5	20	8.5	13	13	37	50	HUTD 16 - 12
25	6.5	15	7	20	10	7.5	8	39	46.5	HUTD 25 - 6
	8.4	15	7	20	10	10	10	39	49	HUTD 25 - 8
	10.5	17	7	20	10	12	12	39	51	HUTD 25 - 10
	13	19	7	20	10	13	13	39	52	HUTD 25 - 12
35	8.4	17	8.2	20	12.5	7.5	8	42	49.5	HUTD 35 - 8
	10.5	19	8.2	20	12.5	10	10	42	52	HUTD 35 - 10
	13	21	8.2	20	12.5	12	12	42	54	HUTD 35 - 12
	50	8.4	22	10	28	14.5	10	10	51	61
10.5		22	10	28	14.5	12	12	51	63	HUTD 50 - 10
13		23	10	28	14.5	13	13	51	64	HUTD 50 - 12
17		28	10	28	14.5	14.5	14.5	51	65.5	HUTD 50 - 16
70	10.5	24	11.5	28	16.5	10	10	54	64	HUTD 70 - 10
	13	24	11.5	28	16.5	12	12	54	66	HUTD 70 - 12
	17	32	11.5	28	16.5	13	13	54	67	HUTD 70 - 16
	21	32	11.5	28	16.5	14.5	14.5	54	68.5	HUTD 70 - 20
95	10.5	28	13.5	35	19	12	12	64	76	HUTD 95 - 10
	13	28	13.5	35	19	12	12	64	76	HUTD 95 - 12
	17	32	13.5	35	19	13	13	67	80	HUTD 95 - 16
	21	34	13.5	35	19	14.5	14.5	67	81.5	HUTD 95 - 20
120	10.5	32	15.5	35	21	15	16	68	83	HUTD 120 - 10
	13	32	15.5	35	21	16	17	68	84	HUTD 120 - 12
	17	32	15.5	35	21	18	19	69	87	HUTD 120 - 16
	21	38	15.5	35	21	19	20	69	88	HUTD 120 - 20
150	10.5	34	17	35	23.5	15	16	77	92	HUTD 150 - 10
	13	34	17	35	23.5	16	17	77	93	HUTD 150 - 12
	17	34	17	35	23.5	19	20	77	96	HUTD 150 - 16
	21	40	17	35	23.5	19	20	77	96	HUTD 150 - 20
185	10.5	37	19	40	25.5	15	16	81	96	HUTD 185 - 10
	13	37	19	40	25.5	16	17	81	97	HUTD 185 - 12
	17	37	19	40	25.5	19	20	81	100	HUTD 185 - 16
	21	40	19	40	25.5	19	20	81	100	HUTD 185 - 20
240	10.5	42	21.5	40	29	16	17	91	107	HUTD 240 - 10
	13	42	21.5	40	29	19	20	91	110	HUTD 240 - 12
	17	42	21.5	40	29	19	20	91	110	HUTD 240 - 16
	21	46	21.5	40	29	21	22	91	112	HUTD 240 - 20
300	13	48	24	50	32	19	22	100	119	HUTD 300 - 12
	17	48	24	50	32	19	22	100	119	HUTD 300 - 16
	21	48	24	50	32	22	22	100	122	HUTD 300 - 20
400	17	55	27.5	70	38.5	25	25	115	140	HUTD 400 - 16
	21	55	27.5	70	38.5	25	25	115	140	HUTD 400 - 20
500	21	60	31	70	42	25	25	127	152	HUTD 500 - 20
630	21	60	34.5	80	44	25	25	135	160	HUTD 630 - 20
800	21	70	40	100	52	30	30	165	195	HUTD 800 - 20
1000	21	80	44	100	58	30	30	165	195	HUTD 1000-20

Note : All dimensions in mm

TUBULAR COMPRESSION COPPER CONNECTORS LONG BARREL (AS PER DIN 46235) - 33KV

MATERIAL : E - COPPER • FINISH : UNCOATED / ELECTRO TINNED

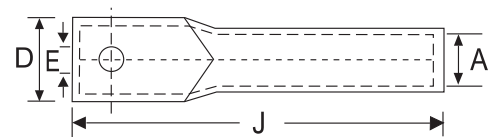
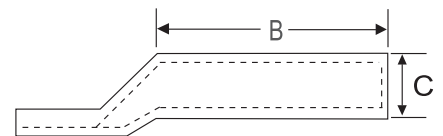
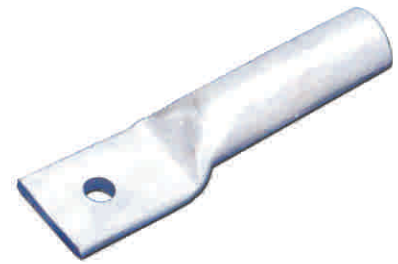
Cable mm ²	Dimensions			Product Code
	A	C	J	
25	7.00	10.00	60.00	HUTD-C - 25
35	8.50	12.50	60.00	HUTD-C - 35
50	10.00	14.50	65.00	HUTD-C - 50
70	11.50	16.50	65.00	HUTD-C - 70
95	13.50	19.00	90.00	HUTD-C - 95
120	15.50	21.00	90.00	HUTD-C - 120
150	17.00	23.50	105.00	HUTD-C - 150
185	19.00	23.50	105.00	HUTD-C - 185
240	21.50	29.00	125.00	HUTD-C - 240
300	24.00	32.00	125.00	HUTD-C - 300
400	27.50	38.50	160.00	HUTD-C - 400
500	31.00	42.00	160.00	HUTD-C - 500
630	34.50	44.00	180.00	HUTD-C - 630
800	40.00	52.00	200.00	HUTD-C - 800
1000	44.00	58.00	200.00	HUTD-C - 1000



CRIMPING TYPE HEAVY DUTY LONG BARREL ALUMINIUM TERMINAL ENDS for XLPE CABLE

MATERIAL : ALUMINIUM FINISH : NATURAL / PASSIVATED AL.

Cable mm ²	Hoe E	Dimensions					Product Code
		A	C	D	B	J	
25	8	7.2	9.6	14.0	41	89	HAC - 25
35	8	8.3	11.1	16.0	50	79	HAC - 35
50	10	10.1	13.5	19.5	49	81	HAC - 50
70	10	10.2	14.5	20.5	62	98	HAC - 70
95	13	12.0	16.9	23.5	73	109	HAC - 95
120	13	13.7	19.0	26.5	73	114	HAC - 120
150	13	15.1	21.1	29.5	83	128	HAC - 150
185	13	16.6	23.9	33.0	83	131	HAC - 185
225	13	18.6	26.1	36.0	86	140	HAC - 225
240	13	19.3	27.2	37.5	86	144	HAC - 240
300	20	21.8	30.2	42.0	89	157	HAC - 300
400	20	25.0	34.8	48.0	113	187	HAC - 400
500	20	28.2	39.1	54.0	125	205	HAC - 500
630	20	31.7	44.4	61.0	140	225	HAC - 625
800	20	35.7	49.5	68.0	147	250	HAC - 800
1000	20	41.0	56.0	77.5	180	280	HAC - 1000

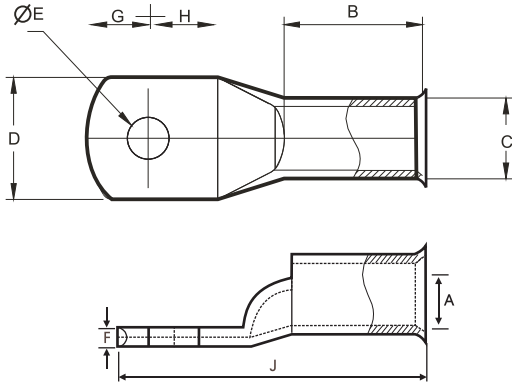


* PVC Capping & Greasing available on request

* Other Hole sizes also available on request

CABLE TERMINAL ENDS AS PER AUSTRALIAN STANDARD

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	D	F	B	G	H	J	
1.5	4.2	2	8	1.0	7.5	4	5	18.5	HAHT - 1.5-4
1.5	5.2	2	8	1.0	7.5	4	5	18.5	HAHT - 1.5-5
1.5	6.5	2	10	0.8	7.5	4	6	19.5	HAHT - 1.5-6
2.5	4.2	2.5	8	1.0	8	4	5	19	HAHT - 2.5-4
2.5	5.2	2.5	10	0.8	8	5	6	20	HAHT - 2.5-5
2.5	6.5	2.5	10	0.8	8	5	6	20	HAHT - 2.5-6
2.5	8.4	2.5	11	0.7	8	6	9	26	HAHT - 2.5-8
4	5.2	3.3	10	1.0	9	5	6	22	HAHT - 4-5
4	6.5	3.3	10	1.0	9	5	6	22	HAHT - 4-6
4	8.4	3.3	12	0.8	9	6	9	26	HAHT - 4-8
4	10.2	3.3	15	0.8	9	8	11	32	HAHT - 4-10
6	5.2	3.8	10	1.2	10	5	6	23	HAHT - 6-5
6	6.5	3.8	12	1.0	10	6	9	27	HAHT - 6-6
6	8.4	3.8	12	1.0	10	6	9	27	HAHT - 6-8
6	10.2	3.8	15	0.8	10	8	11	32	HAHT - 6-10
10	5.2	4.7	12	1.8	10	6	7	27	HAHT - 10-5
10	6.5	4.7	12	1.8	10	6	7	27	HAHT - 10-6
10	8.4	4.7	14	1.6	10	7	8	29	HAHT - 10-8
10	10.5	4.7	15	1.5	10	8	10	32	HAHT - 10-10
10	13	4.7	18	1.0	10	10	12	38	HAHT - 10-12
16	6.5	5.5	11	2.4	19	7	9	39	HAHT - 16-6
16	8.4	5.5	14	1.7	19	7	9	39	HAHT - 16-8
16	10.5	5.5	16	1.5	19	8	10	41	HAHT - 16-10
16	13	5.5	18	1.2	19	10	13	46	HAHT - 16-12
25	6.5	7.1	13.5	2.4	21	7	9	41	HAHT - 25-6
25	8.4	7.1	13.5	2.4	21	7	9	41	HAHT - 25-8
25	10.5	7.1	16	1.9	21	9	10	44	HAHT - 25-10
25	13	7.1	18	1.6	21	10	13	48	HAHT - 25-12
35	6.5	8.4	16	3.0	21	9	10	45	HAHT - 35-6
35	8.4	8.4	16	3.0	21	9	10	45	HAHT - 35-8
35	10.5	8.4	18	2.6	21	9	10	45	HAHT - 35-10
35	13	8.4	20	2.2	22	11	13	51	HAHT - 35-12
50	6.5	9.5	18	3.3	22	8	10	46	HAHT - 50-6
50	8.4	9.5	18	3.3	22	8	10	46	HAHT - 50-8
50	10.5	9.5	18	3.3	22	8	10	52	HAHT - 50-10
50	13	9.5	21	2.7	22	11	13	54	HAHT - 50-12
70	6.5	11.3	21	3.5	22	11	13	54	HAHT - 70-6
70	8.4	11.3	21	3.5	24	11	13	54	HAHT - 70-8
70	10.5	11.3	21	3.5	24	11	13	54	HAHT - 70-10
70	13	11.3	21	3.5	24	11	13	54	HAHT - 70-12
70	17	11.3	26	3.0	24	14	16	61	HAHT - 70-16
95	8.4	13.5	25	4.0	27	12	14	60	HAHT - 95-8
95	10.5	13.5	25	4.0	27	12	14	60	HAHT - 95-10
95	13	13.5	25	4.0	27	12	14	60	HAHT - 95-12
95	17	13.5	25	3.5	27	14	16	61	HAHT - 95-16
120	8.4	15.6	30	5.0	30	12	14	64	HAHT - 120-8
120	10.5	15.6	30	5.0	30	12	14	64	HAHT - 120-10
120	13	15.6	30	5.0	30	12	14	64	HAHT - 120-12
120	17	15.6	30	5.0	30	16	16	72	HAHT - 120-16

CABLE TERMINAL ENDS AS PER AUSTRALIAN STANDARD

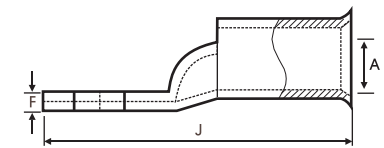
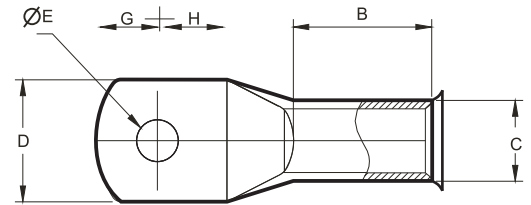
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	D	F	B	G	H	J	
150	10.5	16.7	32	5.8	30	16	16	71	HAHT 150-10
150	13	16.7	32	5.8	30	18	18	75	HAHT 150-12
150	17	16.7	32	5.8	30	18	18	75	HAHT 150-16
185	18.4	18.5	36	5.8	32	16	16	74	HAHT 185-10
185	13	18.5	36	5.8	32	18	18	79	HAHT 185-12
185	17	18.4	36	5.8	32	18	18	79	HAHT 185-16
240	-	21.2	41	7.0	38	21	21	92	HAHT 240-BL
240	10.5	21.2	41	7.0	38	21	21	92	HAHT 240-10
240	13	21.2	41	7.0	38	21	21	92	HAHT 240-12
240	17	21.2	41	7.0	38	21	21	92	HAHT 240-16
300	-	23.8	46	7.8	42	23	23	101	HAHT 300-BL
300	13	23.8	46	7.8	42	23	23	101	HAHT 300-12
300	17	23.8	46	7.8	42	23	23	101	HAHT 300-16
400	-	26.8	50	8.0	44	24	24	107	HAHT 400-BL
500	-	30.0	56	9.0	50	27	27	119	HAHT 500-BL
630	-	34.0	64.4	11.0	58	32	32	139	HAHT 630-BL

* Bell Mouthed Lugs starts from 10 mm² & are upto 300 mm²

** Non Bell Mouthed Lugs available on request.

Note : All dimensions in mm



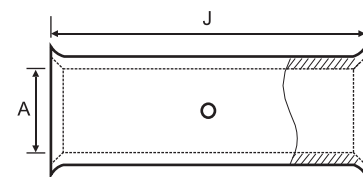
CONNECTOR AS PER AUSTRALIAN STANDARD

Cable mm ²	Dimensions		Product Code
	A	J	
2.5	2.50	22.2	HAHC - 2.5
4	3.30	22.2	HAHC - 4
6	3.70	22.2	HAHC - 6
10	4.70	22.2	HAHC - 10
16	5.50	44.4	HAHC - 16
25	7.10	47.6	HAHC - 25
35	8.40	47.6	HAHC - 35
50	9.500	47.6	HAHC - 50
70	11.00	50.8	HAHC - 70
95	13.40	54.0	HAHC - 95
120	15.50	65.1	HAHC - 120
150	16.30	65.1	HAHC - 150
185	18.40	65.1	HAHC - 185
240	21.20	88.9	HAHC - 240
300	23.80	88.9	HAHC - 300
400	26.80	88.9	HAHC - 400
500	30.00	114.3	HAHC - 500
630	33.50	114.3	HAHC - 630

* Bell Mouthed Lugs starts from 10 mm² & are upto 300 mm²

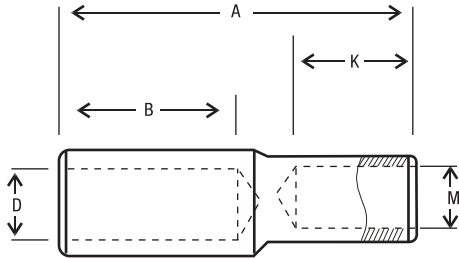
** Non Bell Mouthed Lugs available on request.

Note : All dimensions in mm



TINNED COPPER REDUCING LINKS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

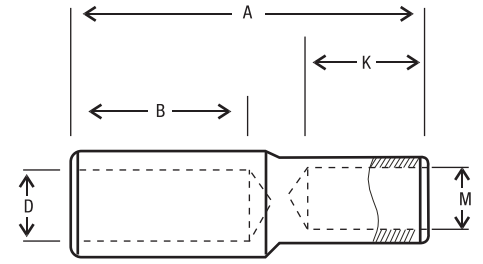


Cable mm ²	Dimensions					Product Code
	A	B	D	K	M	
6	30	10	4	10	3.0	HCRL 6-4
10	30	10	4.5	10	4.0	HCRL 10-6
16	40	19	5.5	10	4.0	HCRL 16-6
	40	19	5.5	10	4.5	HCRL 16-10
25	40	21	7.5	10	4.0	HCRL 25-6
	40	21	7.5	10	4.5	HCRL 25-10
	50	21	7.5	19	5.5	HCRL 25-16
35	40	21	8.5	10	4.5	HCRL 35-10
	55	21	8.5	19	5.5	HCRL 35-16
	60	21	8.5	21	7.5	HCRL 35-25
50	45	22	9.5	10	4.5	HCRL 50-10
	55	22	9.5	19	5.5	HCRL 50-16
	55	22	9.5	21	7.5	HCRL 50-25
	60	22	9.5	21	8.5	HCRL 50-35
70	60	24	11.5	19	5.5	HCRL 70-16
	60	24	11.5	21	7.5	HCRL 70-25
	65	24	11.5	21	8.5	HCRL 70-35
	65	24	11.5	22	9.5	HCRL 70-50
95	65	27	13.5	21	7.5	HCRL -95-25
	65	27	13.5	21	8.5	HCRL 95-25
	70	27	13.5	22	9.6	HCRL 95-50
	70	27	13.5	24	11.5	HCRL 95-70
120	70	30	15.5	21	8.5	HCRL 120-35
	70	30	15.5	22	9.5	HCRL 120-50
	75	30	15.5	24	11.5	HCRL 120-70
	75	30	15.5	27	13.5	HCRL 120-95
150	70	30	16.5	22	9.5	HCRL 150-50
	75	30	16.5	24	11.5	HCRL 150-70
	80	30	16.5	27	13.5	HCRL 150-95
	80	30	16.5	30	15.5	HCRL 150-120
185	75	32	18.5	24	11.5	HCRL 185-70
	80	32	18.5	27	13.5	HCRL 185-95
	85	32	18.5	30	15.5	HCRL 185-120
	85	32	18.5	30	16.5	HCRL 185-150
240	85	38	21.5	27	13.5	HCRL 240-95
	90	38	21.5	30	15.5	HCRL 240-120
	90	38	21.5	30	16.5	HCRL 240-150
	95	38	21.5	32	18.5	HCRL 240-185
300	95	42	23.5	30	15.5	HCRL 300-120
	95	42	23.5	30	16.5	HCRL 300-150
	100	42	23.5	32	18.5	HCRL 300-185
	105	42	23.5	38	21.5	HCRL 300-240
400	110	55	26.5	30	16.5	HCRL 400-150
	110	55	26.5	32	18.5	HCRL 400-185
	125	55	26.5	38	21.5	HCRL 400-240
	125	55	26.5	42	23.5	HCRL 400-300
500	115	55	30	32	18.5	HCRL 500-185
	120	55	30	38	21.5	HCRL 500-240
	125	55	30	42	23.5	HCRL 500-300
	140	55	30	55	26.5	HCRL 500-400

Note : All dimensions in mm

TINNED COPPER REDUCING LINKS

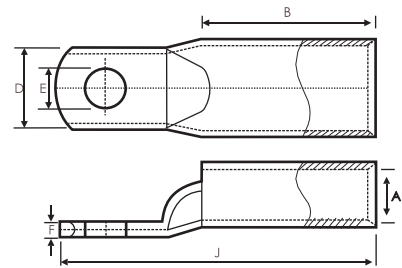
Cable mm ²	Dimensions					Product Code
	A	B	D	K	M	
630	120	56	34.5	38	21.5	HCRL 630-240
	125	56	34.5	42	23.5	HCRL 630-300
	140	56	34.5	55	26.5	HCRL 630-400
	140	56	34.5	55	30.0	HCRL 630-500



NARROW PALM - CIRCUIT BREAKER CABLE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

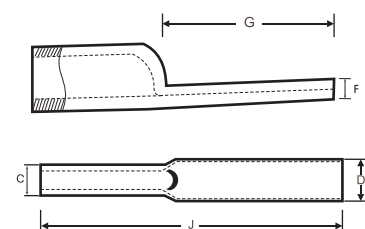
Cable mm ²	Stud Hole E	Dimensions					Product Code
		A	D	F	B	J	
35	6.5	8.2	15.0	3.0	21.0	41.0	HNP 35-6
50	-	9.5	15.0	3.2	22.0	43.0	HNP 50-6
	10.7	9.5	19.0	3.2	22.0	49.0	HNP 50-10
70	-	11.2	17.0	3.3	24.0	45.0	HNP 70-6
	-	11.2	19.0	3.3	24.0	51.0	HNP 70-10
95	-	13.4	19.0	3.9	27.0	51.0	HNP 95-8
	-	13.4	19.0	3.9	27.0	55.0	HNP 95-10
120	8.4	15.6	19.0	5.0	30.0	61.0	HNP 120-8
	-	15.6	19.0	5.0	30.0	61.0	HNP 120-10
150	-	16.7	19.0	5.5	30.0	66.0	HNP 150-8
	-	16.7	19.0	5.5	30.0	66.0	HNP 150-10
185	-	18.4	31.0	5.7	38.0	82.0	HNP 185-10
240	-	21.2	31.0	7.1	38.0	82.0	HNP 240-10
300	-	23.5	31.0	7.8	42.0	87.0	HNP 300-10



LONG PALM LONG BARREL CABLE TERMINALS

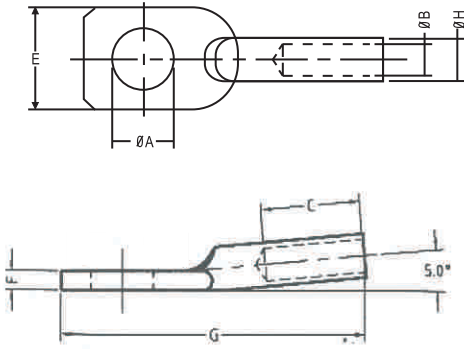
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Cable mm ²	Dimensions					Product Code
	C	J	D	G	F	
16	5.5	86	16	61	1.5	HCPB-16
25	7.1	95	16	61	1.9	HCPB-25
35	8.2	112	18	72	2.6	HCPB-35
50	9.5	130	18.2	80	3.3	HCPB-50
70	11.2	154	21.2	100	3.5	HCPB-70
95	13.4	161	25	100	3.9	HCPB-95
120	15.6	168	28.5	100	5.0	HCPB-120
150	16.7	169	32	100	5.8	HCPB-150
185	18.7	174	34	100	7.1	HCPB-185
240	21.2	192	40	100	7.1	HCPB-240
300	23.5	208	45	105	7.7	HCPB-300
400	26.8	228	50	110	7.8	HCPB-400
500	30	235	56	110	8.5	HCPB-500
630	34	247	65	110	10.9	HCPB-630



TINNED COPPER FORGED CABLE LUGS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



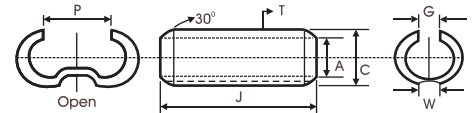
Cable mm ²	Dimensions							Product Code
	A	B	C	E	F	G	H	
16	8.3	5.5	30	22	4.5	80	11.5	HCFL 16 - 8
16	10.3	5.5	30	22	4.5	80	11.5	HCFL 16 - 10
16	12.3	5.5	30	22	4.5	80	11.5	HCFL 16 - 12
16	16.3	5.5	30	25	4.0	85	11.5	HCFL 16 - 16
25	10.3	7.0	30	22	4.5	80	11.5	HCFL 25 - 10
25	12.3	7.0	30	22	4.5	80	11.5	HCFL 25 - 12
25	16.3	7.0	30	25	4.0	85	11.5	HCFL 25 - 16
35	10.3	8.5	31	22	4.5	80	11.5	HCFL 35 - 10
35	12.3	8.5	31	22	4.5	80	11.5	HCFL 35 - 12
50	10.3	9.5	33	25	5.0	80	12.7	HCFL 50 - 10
50	12.3	9.5	33	25	5.0	80	12.7	HCFL 50 - 12
50	16.3	9.5	33	28	4.5	90	12.7	HCFL 50 - 16
50	18.3	9.5	33	28	4.5	90	12.7	HCFL 50 - 18
70	10.3	11.0	36	27	6.0	90	14.5	HCFL 70 - 10
70	12.3	11.0	36	27	6.0	90	14.5	HCFL 70 - 12
70	20.3	11.0	36	30	5.5	90	14.5	HCFL 70 - 20
95	10.3	13.5	40	36	6.5	100	17.3	HCFL 95 - 10
95	16.3	13.5	40	36	6.5	100	17.3	HCFL 95 - 16
95	18.3	13.5	40	36	6.5	100	17.3	HCFL 95 - 18
95	20.3	13.5	40	36	6.5	100	17.3	HCFL 95 - 20

SOLDERING TYPE COPPER WEAK BACK FERRULES

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Cable mm ²	Dimensions						Product Code
	A	C	G	J	P	W	
6	3.0	4.6	2	20	3	-	HWB - 6
10	4.4	6.0	2	25	4	-	HWB - 10
16	5.5	7.5	2	25	5	1.5	HWB - 16
25	7.0	9.0	2	30	7	1.5	HWB - 25
35	8.0	10.4	2	35	8	1.5	HWB - 35
50	9.5	11.9	2	40	9	1.5	HWB - 50
70	12.0	14.8	3	45	12	3.0	HWB - 70
95	13.5	16.3	3	50	13	3.0	HWB - 95
120	15.5	18.7	4	55	15	3.0	HWB - 120
150	17.0	20.6	4	60	16	3.0	HWB - 150
185	18.5	22.9	4	65	18	5.0	HWB - 185
225	20.5	24.9	5	75	20	5.0	HWB - 225
240	22.0	26.4	5	80	21	5.0	HWB - 240
300	24.0	29.6	5	85	23	5.0	HWB - 300
400	28.5	34.7	7	95	27	5.0	HWB - 400
500	30.5	37.5	7	105	30	5.0	HWB - 500
625	34.5	42.5	8	115	33	5.0	HWB - 625

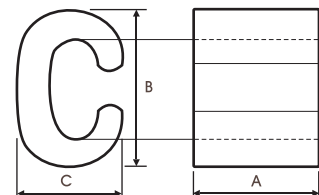
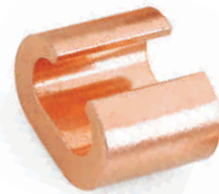
- Ferrules are supplied in open form.
- Note : All dimensions in mm



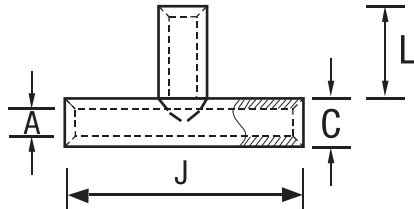
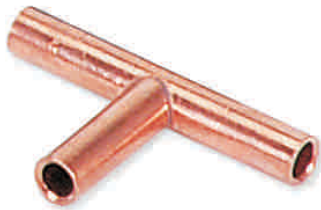
COPPER 'C' TYPE CONNECTORS

MATERIAL : E - COPPER • FINISH : COPPER / ELECTRO TINNED

Cable mm ²	Dimensions			Product Code
	A	B	C	
C6 - C6	9	9.8	6.4	HCC 6 - 6
C10 - C10	12	12.6	8.4	HCC 10 - 10
C16 - C16	17	19.4	12.0	HCC 16 - 16
C25 - C25	17	21.4	13.0	HCC 25 - 25
C35 - C35	21	26.6	15.6	HCC 35 - 35
C50 - C50	26	38.0	21.0	HCC 50 - 50
C70 - C70	28	34.0	21.0	HCC 70 - 70
C95 - C95	29	41.0	26.0	HCC 95 - 95
C120 - C120	30	45.0	28.0	HCC 120 - 120
C150 - C150	30	48.0	28.0	HCC 150 - 150
C185 - C185	32	52.0	32.0	HCC 185 - 185
C240 - C240	32	55.0	38.0	HCC 240 - 240



- * Add 'T' for Tinned Connectors
- * Note : All dimensions in mm



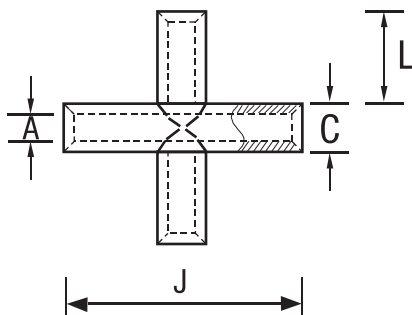
T - CONNECTORS

- Standard type
- Material : E - Copper
- Finish : Copper

Cable mm ²	Dimensions				Product Code
	A	C	J	L	
1.5	1.8	3.3	30	12	HTCW-1.5
2.5	2.3	4.2	30	12	HTCW-2.5
4	3.0	5.0	30	12	HTCW-4
6	4.0	6.0	35	14	HTCW-6
10	4.5	7.0	35	14	HTCW-10
16	5.5	8.5	50	21	HTCW-16
25	7.0	10.0	55	23	HTCW-25
35	8.5	12.0	70	30	HTCW-35
50	10.0	14.0	80	34	HTCW-50
70	12.0	16.5	85	35	HTCW-70
95	13.5	18.0	90	36	HTCW-90
120	15.0	19.5	95	38	HTCW-120
150	16.5	21.0	110	44	HTCW-150
185	19.0	24.0	115	45	HTCW-185
240	21.0	26.0	130	52	HTCW-240

Also Available in Aluminium on request

* Add 'T' for Tinned Connectors



CROSS- CONNECTORS

- Standard type
- Material: E - Copper
- Finish : Copper

Cable mm ²	Dimensions				Product Code
	A	C	J	L	
1.5	1.8	3.3	30	12	HCCW-1.5
2.5	2.3	4.2	30	12	HCCW-2.5
4	3.0	5.0	30	12	HCCW-4
6	4.0	6.0	35	14	HCCW-6
10	4.5	7.0	35	14	HCCW-10
16	5.5	8.5	50	21	HCCW-16
25	7.0	10.0	55	23	HCCW-25
35	8.5	12.0	70	30	HCCW-35
50	10.0	14.0	80	34	HCCW-50
70	12.0	16.5	85	35	HCCW-70
95	13.5	18.0	90	36	HCCW-90
120	15.0	19.5	95	38	HCCW-120
150	16.5	21.0	110	44	HCCW-150
185	19.0	24.0	115	45	HCCW-185
240	21.0	26.0	130	52	HCCW-240

Also Available in Aluminium on request

* Add 'T' for Tinned Connectors

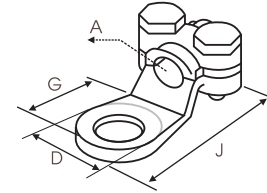
MECHANICAL CABLE LUGS - BOLTED WITH 2 SCREWS OR 4 SCREWS

MATERIAL : BRASS • FINISH : ELECTRO PLATED

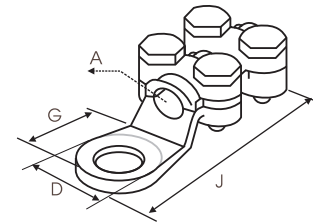
STEEL SCREWS : ELECTRO PLATED

Cable mm ²	Dimensions				Screw	Type	Product Code
	A	G	D	J			
10	4.0	6.0	15.0	32.5	M - 5	I	H2B - 10
16	5.1	8.5	17.0	37.0	M - 5	I	H2B - 16
25	6.3	8.5	18.75	42.0	M - 5	I	H2B - 25
35	7.5	10.5	21.50	4.0	M - 5	I	H2B - 35
50	9.5	10.5	23.0	56.5	M - 6	II	H4B - 50
75	11.0	13.25	26.0	61.0	M - 6	II	H4B - 75
100	13.0	14.30	29.0	65.0	M - 6	II	H4B - 100
120	14.0	14.80	32.0	71.0	M - 6	II	H4B - 120
170	16.0	16.0	33.0	81.0	M - 8	II	H4B - 170
200	17.0	17.0	35.0	85.0	M - 8	II	H4B - 200
250	18.0	17.0	38.0	87.5	M - 8	II	H4B - 250
300	21.0	19.8	45.0	118	M - 10	II	H4B - 300
400/500	25.5	22.0	53.0	132	M - 10	II	H4B - 400/500
700	34.0	22.0	60.0	150	M - 10	II	H4B - 700

Note : All dimensions in mm



TYPE I



TYPE II

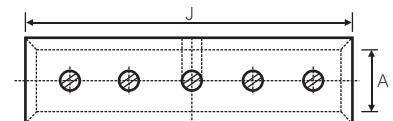
TINNED SCREW SLEEVES

MATERIAL : BRASS • FINISH : ELECTRO TINNED

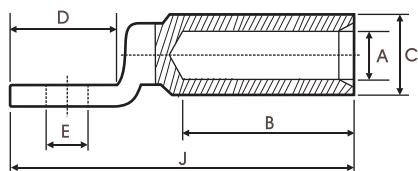
STEEL SCREWS : ELECTRO PLATED

Cable mm ²	Dimensions		Product Code
	A	J	
6	3.5	20	HTBSS 6
10	4.4	30	HTBSS 10
16	5.5	40	HTBSS 16
25	6.8	45	HTBSS 25
35	8.2	45	HTBSS 35
50	9.5	48	HTBSS 50
70	11.2	52	HTBSS 70
95	13.4	55	HTBSS 95
120	15	55	HTBSS 120
150	16.5	60	HTBSS 150
185	19	60	HTBSS 185
240	21	65	HTBSS 240
300	23.5	65	HTBSS 300

Note : All dimensions in mm



ALUMINIUM - COPPER BI-METAL TERMINALS (WITH COPPER PALMS)



Al-Cu Bi-metal terminals are used for connecting Aluminium cables to Copper busbars.

Cable mm ²	Dimensions						Product Code
	A	C	D	E	J	B	
16	5.5	16	20	10.3	79	43	HBT 16-10
25	6.5	16	20	10.3	79	43	HBT 25-10
35	8	16	20	10.3	79	43	HBT 35-10
50	9	20	25	12.8	85	43	HBT 50-12
70	11	20	25	12.8	85	43	HBT 70-12
95	12.5	20	25	12.8	85	43	HBT 95-12
120	13.7	25	30	12.8	108	59	HBT 120-12
150	15.5	25	30	12.8	108	59	HBT 150-12
185	17	32	35	14.5	115	59	HBT 185-14
240	19.5	32	35	14.5	115	59	HBT 240-14
300	23.3	40	36	16.5	137	85	HBT 300-16
400	26	40	36	16.5	153.5	85	HBT 400-16
500*	29.1	47	60X60	4 ∅ 9	196	95	HBT 500-16
630*	33.5	47	60X60	4 ∅ 9	196	95	HBT 630-4 X 9
800*	37.5	53	80X80	4 ∅ 9	232	100	HBT 800-4 X 9
1000*	42	60	80X80	4 ∅ 9	256	126	HBT 1000-4 X 9
1300*	46.5	65	80X80	4 ∅ 11	267	136	HBT 1300-4 X 11

* Square Palm

Note : All dimensions in mm

Crimping Test Applied Force : Upto 240 mm² - 1.2 x 10⁵ N.

300 mm² to 630 mm² - 2.0 x 10⁵ N.

Above 630 mm² - 4.0 x 10⁵ N.

Construction : Forged circular Copper palm is friction welded to an EC Grade Aluminium circular barrel thus achieving the best possible transition.

Made to order Bi - Metallic terminals as per the customers specifications / samples / diagrams are also available.

ALUMINIUM - COPPER BI - METAL CONNECTOR / SPLICE

MATERIAL : E - COPPER • FINISH : UNCOATED / ELECTRO TINNED

Al-Cu Bi-Metal splices are used for joining Aluminium Cable to Copper Cable.

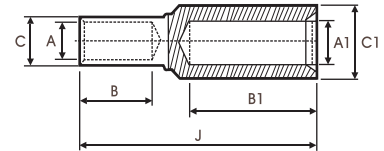
Cable Area mm ²		Dimensions							Product Code
Al. Solid or stranded	Copper stranded	A	C	B	A1	C1	B1	J	
16	16	5.6	12.2	29	5.5	16	43	88	HBS 16 - 16
25	16	5.6	12.2	29	6.5	16	43	88	HBS 25 - 16
25	25	7	12.2	29	6.5	16	43	88	HBS 25 - 25
35	16	5.6	12.2	29	8	16	43	88	HBS 35 - 16
35	25	7	12.2	29	8	16	43	88	HBS 35 - 25
35	35	8	12.2	29	8	16	43	88	HBS 35 - 35
50	25	7	12.2	29	9	20	43	88	HBS 50 - 25
50	35	8	12.2	29	9	20	43	88	HBS 50 - 35
50	50	9.5	12.2	29	9	20	43	88	HBS 50 - 50
70	35	8	12.2	29	11	20	43	88	HBS 70 - 35
70	50	9.5	12.2	29	11	20	43	88	HBS 70 - 50
70	70	11	12.2	33	11	20	43	90	HBS 70 - 70
95	50	9.5	21	29	12.5	20	43	88	HBS 95 - 50
95	70	11	12.2	33	12.5	20	43	90	HBS 95 - 70
95	95	13	21	33	12.5	20	43	90	HBS 95 - 95
120	70	11	21	33	13.7	25	59	107	HBS 120 - 70
120	95	13	21	33	13.7	25	59	107	HBS 120 - 95
120	120	14.2	21	33	13.7	25	59	107	HBS 120 - 120
150	95	13	21	33	15.5	25	59	107	HBS 150 - 95
150	120	14.2	21	33	15.5	25	59	107	HBS 150 - 120
150	150	16	21	33	15.5	25	59	107	HBS 150 - 150
185	120	14.2	21	33	17	32	59	107	HBS 185 - 120
185	150	16	21	33	17	32	59	107	HBS 185 - 150
185	185	18	26.2	43	17	32	59	120	HBS 185 - 185
240	150	16	21	33	19.5	32	59	107	HBS 240 - 150
240	185	18	26.2	43	19.5	32	59	120	HBS 240 - 185
240	240	20	26.2	43	19.5	32	59	120	HBS 240 - 240

Note : All dimensions in mm

Crimping Test Applied Force : Upto 240 mm² - 1.2 x 10⁵ N.
 300 mm² to 630 mm² - 2.0 x 10⁵ N.
 Above 630 mm² - 4.0 x 10⁵ N.

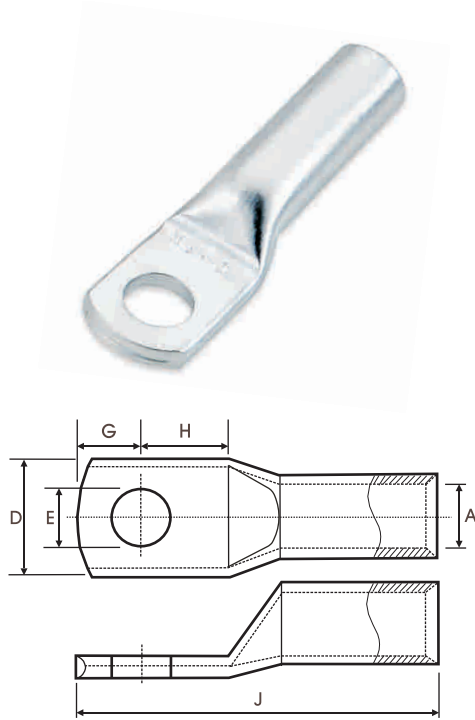
Construction : EC Grade Copper is friction welded to EC Grade Aluminium.
 Further machined to required size.

Made to order Bi - Metallic connectors as per the customers specifications /
 samples / diagrams are also available.



ALUMINIUM TERMINALS

MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM



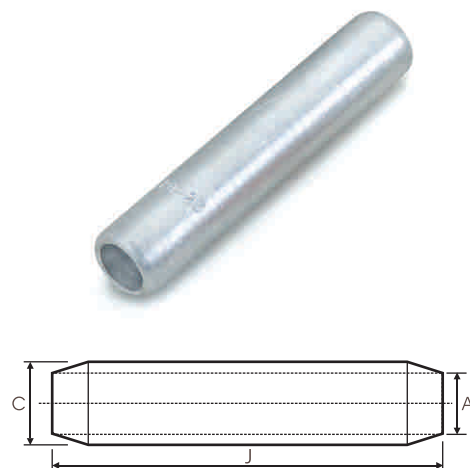
Cable mm ²	Stud Hole E	Dimensions					Product Code
		A	D	G	H	J	
16	8	-	-	11.0	13.0	77.0	HAT 16 - 8
25	8	7.2	14.0	14	13.0	77.0	HAT 25 - 8
35	8	8.3	16.0	16	13.0	77.5	HAT 35 - 8
	10	8.3	16.0	-	13.0	77.5	HAT 35 - 10
50	12	10.1	19.5	-	16.0	91.0	HAT 50 - 12
	14	10.1	19.5	-	18.0	95.0	HAT 50 - 14
70	12	10.2	20.5	-	16.0	91.0	HAT 70 - 12
	14	10.2	20.5	-	18.0	95.0	HAT 70 - 14
95	12	12.0	23.5	-	16.0	91.0	HAT 95 - 12
	14	12.0	23.5	-	18.0	95.0	HAT 95 - 14
120	12	13.7	26.5	-	16.0	115.0	HAT 120 - 12
	14	13.7	26.5	-	18.0	119.0	HAT 120 - 14
150	12	15.1	29.5	-	16.0	115.0	HAT 150 - 12
	14	15.1	29.5	-	18.0	119.0	HAT 150 - 14
185	12	16.6	33.0	-	20.0	122.0	HAT 185 - 12
	14	16.6	33.0	-	22.0	126.0	HAT 185 - 14
240	12	19.3	37.5	-	20.0	122.0	HAT 240 - 12
	14	19.3	37.5	-	22.0	126.0	HAT 240 - 14
300	12	21.8	42.0	-	22.0	130.0	HAT 300 - 12

Note : All dimensions in mm

- “HEX” Al. Terminals & through connectors are designed to accept a variety of conductor forms, especially low stranded compacted conductors.
- ONLY ON SPECIAL REQUEST : Barrels can be filled with grease & capped to avoid oxidation of the conductor.

ALUMINIUM THROUGH CONNECTORS

MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM



Cable mm ²	Dimensions			Product Code
	A	C	J	
16	5.5	16.0	90.5	HTAC - 16
25	6.5	16.0	90.5	HTAC - 25
35	8.0	16.0	90.5	HTAC - 35
50	9.0	20.0	106.5	HTAC - 50
70	11.0	20.0	106.5	HTAC - 70
95	12.5	20.0	106.5	HTAC - 95
120	13.7	25.0	133.0	HTAC - 120
150	15.5	25.0	135.0	HTAC - 150
185	17.0	32.0	143.5	HTAC - 185
240	19.5	32.0	146.0	HTAC - 240
300	22.5	34.0	144.5	HTAC - 300

Note : All dimensions in mm

- ONLY ON SPECIAL REQUEST : Barrels can be filled with grease & capped to avoid oxidation of the conductor.

ALUMINIUM SPLICE FOR LV & MV (UPTO 33 KV),

FOR SIMILIAR CABLE CROSS SECTIONAL AREAS

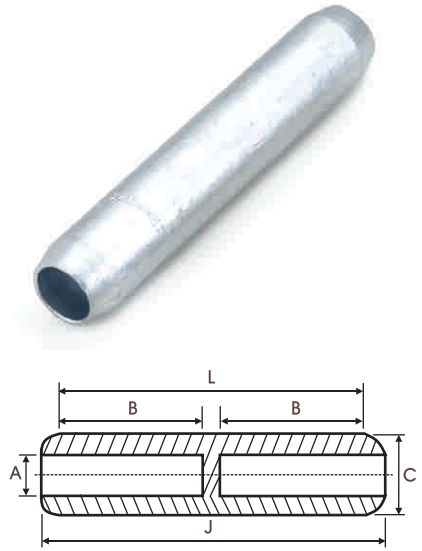
MATERIAL : ALUMINIUM
FINISH : NATURAL / PASSIVATED ALUMINIUM

Cable mm ²	Dimensions					Product Code
	A	C	L	B	J	
16	5.5	16	76	43	90	HASC - 16
25	6.5	16	76	43	90	HASC - 25
35	8	16	80	43	92	HASC - 35
50	9	20	93	53	110	HASC - 50
70	11	20	96	53	110	HASC - 70
95	12.5	20	98	53	110	HASC - 95
120	13.7	25	117	66	135	HASC - 120
150	15.5	25	118	66	135	HASC - 150
185	17	32	122	70	146	HASC - 185
240	19.5	32	124	70	146	HASC - 240
300	23.3	36	185	100	208	HASC - 300
400	26	36	190	100	208	HASC - 400
500	29.1	47	190	107	222	HASC - 500
630	33.5	47	197	107	222	HASC - 630
800	37.5	60	232	127	274	HASC - 800
1000	42	60	240	128	276	HASC - 1000

* Also Available for Dissimilar Cable Cross Sectional Area

• Note : All dimensions in mm

- ONLY ON SPECIAL REQUEST : Barrels can be filled with grease & capped to avoid oxidation of the conductor.



ALUMINIUM FORGED CABLE LUGS

(AS PER DIN 46329)

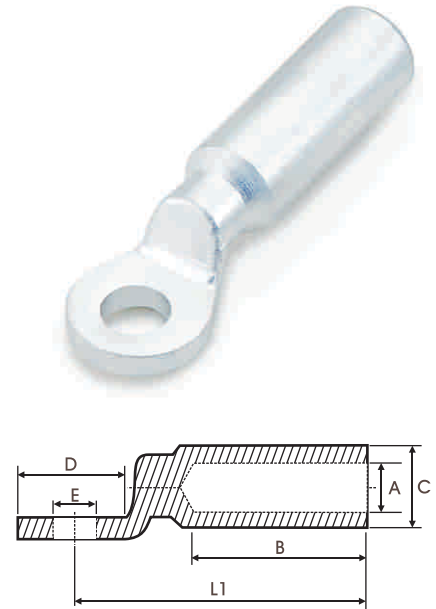
MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM

Cable mm ²	Stud Hole E	Dimensions						Product Code
		Bolt	A	C	D	B	L1	
16	8.4	M 8	5.8	12	20	30	50	HAFL 16-8
25	8.4	M 8	6.8	12	20	30	50	HAFL 25-8
35	8.4	M 8	8	14	25	42	62	HAFL 35-8
50	8.4	M 8	9.8	16	25	42	62	HAFL 50-8
70	8.4	M 8	11.2	18	25	52	72	HAFL 70-8
95	10.5	M 10	13.2	22	25	56	75	HAFL 95-10
120	10.5	M 10	14.7	22	30	56	80	HAFL 120-10
150	10.5	M 10	16.3	25	30	60	90	HAFL 150-10
185	10.5	M 10	18.3	28	30	60	91	HAFL 185-10
240	10.5	M 10	21	32	38	70	103	HAFL 240-10
300	13	M12	23.3	34	38	70	103	HAFL 300-12
400	13	M12	26	38	38	73	116	HAFL 400-12
500	13	M12	29	44	44	79	122	HAFL 500-12

* Other Hole sizes available on request.

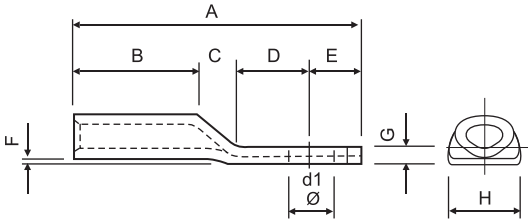
Note : All dimensions in mm

- ONLY ON SPECIAL REQUEST : Barrels can be filled with grease & capped to avoid oxidation of the conductor.



ALUMINIUM 3-CORE SECTOR CABLE LUGS

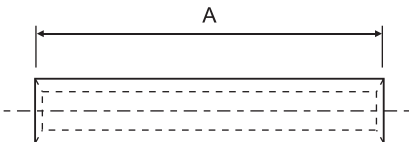
MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM



Cable mm ²	Stud Ø	Dimensions									Product Code
		A	B	C	D	E	F	G	H	d1Ø	
	8							4.1	15.2	8.4	HAL3 25-8
25	10	65	25	8	17	12	1			10.4	HAL3 25-10
	12							2.9	21	12.5	HAL3 25-12
	8							4.4	17.6	8.4	HAL3 35-8
35	10	68	30	8	17	12	1			10.4	HAL3 35-10
	12							3.6	21	12.5	HAL3 35-12
	10							4.5	20.3	8.4	HAL3 10-50
50	12	71	32	10	17	12	1			10.4	HAL3 12-50
	16							2.9	21	12.5	HAL3 16-50
	10							5	23.2	10.4	HAL3 10-70
70	12	76	35.5	11	17	12	1			12.5	HAL3 12-70
	16							4.6	26	16.5	HAL3 16-70
	10									10.4	HAL3 10-95
95	12	82	39	14	17	12	1.5	5.7	27.7	12.5	HAL3 12-95
	16									16.5	HAL3 16-95
	12									10.4	HAL3 12-120
120	16	88	44	15	17	12	1.5	6.5	31	12.5	HAL3 16-120
	20									16.5	HAL3 20-120
	12									12.4	HAL3 12-150
150	16	100	47.5	16	20.5	16	1.5	7.2	34.7	16.5	HAL3 16-150
	20									20.5	HAL3 20-150
	12									12.4	HAL3 12-185
185	16	106	47.5	16	20.5	16	1.5	7.2	34.7	16.5	HAL3 16-185
	20									20.5	HAL3 20-185
240	20	116	55.5	20.5	22	18	2	5.7	43.6	20.5	HAL3 0-240
300	20	128.5	60.5	23	25	20	2	9.7	49.2	20.5	HAL3 0-300

ALUMINIUM SECTOR FERRULES

MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM



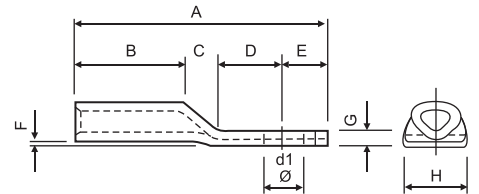
HAL3 3-CORE SECTOR HAL4 4-CORE SECTOR

Cable mm ²	A	Product Code	
		3-CORE SECTOR	4-CORE SECTOR
25	66	HAL-3F-25	HAL-4F-25
35	70	HAL-3F-35	HAL-4F-35
50	74	HAL-3F-50	HAL-4F-50
70	78	HAL-3F-70	HAL-4F-70
95	84	HAL-3F-95	HAL-4F-95
120	91	HAL-3F-120	HAL-4F-120
150	102	HAL-3F-150	HAL-4F-150
185	108	HAL-3F-185	HAL-4F-185
240	118	HAL-3F-240	HAL-4F-240
300	130	HAL-3F-300	HAL-4F-300
400	140	—	—
500	155	—	—
630	172	—	—
800	—	—	—
1000	—	—	—

ALUMINIUM 4-CORE SECTOR CABLE LUGS

MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM

Cable mm ²	Stud Ø	Dimensions										Product Code
		A	B	C	D	E	F	G	H	d1Ø		
	8							4.1	15.2	8.4		HAL4-8-25
25	10	65	25	8	17	12	1			10.4		HAL4-10-25
	12							2.9	21	12.5		HAL4-12-25
	8							4.4	17.6	8.4		HAL4-8-35
35	10	68	30	8	17	12	1			10.4		HAL4-10-35
	12							3.6	21	12.5		HAL4-12-35
	10							4.5	20.3	8.4		HAL4-10-50
50	12	71	32	10	17	12	1			10.4		HAL4-12-50
	16							2.9	21	12.5		HAL4-16-50
	10							5	23.2	10.4		HAL4-10-70
70	12	76	35.5	11	17	12	1			12.5		HAL4-12-70
	16							4.6	26	16.5		HAL4-16-70
	10									10.4		HAL4-10-95
95	12	82	39	14	17	12	1.5	5.7	27.7	12.5		HAL4-12-95
	16									16.5		HAL4-16-95
	12									10.4		HAL4-12-120
120	16	88	44	15	17	12	1.5	6.5	31	12.5		HAL4-16-120
	20									16.5		HAL4-20-120
	12									12.4		HAL4-12-150
150	16	100	47.5	16	20.5	16	1.5	7.2	34.7	16.5		HAL4-16-150
	20									20.5		HAL4-20-150
	12									12.4		HAL4-12-185
185	16	106	47.5	16	20.5	16	1.5	7.2	34.7	16.5		HAL4-16-185
	20									20.5		HAL4-20-185
240	20	116	55.5	20.5	22	18	2	5.7	43.6	20.5		HAL4-20-240
300	20	128.5	60.5	23	25	20	2	9.7	49.2	20.5		HAL4-20-300



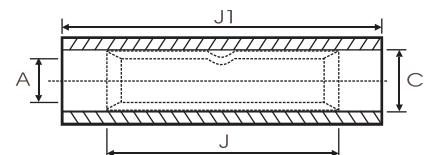
INSULATED IN-LINE CONNECTORS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Connectors are fully PVC insulated.

Cable mm ²	Dimensions				Product Code
	A	C	J	J1	
1.50	1.80	3.70	12.00	20.00	HTIC - 1.5
2.50	2.40	4.00	15.00	25.00	HTIC - 2.5
4.00	3.10	3.80	15.00	25.00	HTIC - 4
6.00	3.80	5.50	15.00	27.00	HTIC - 6

Note : All dimensions in mm

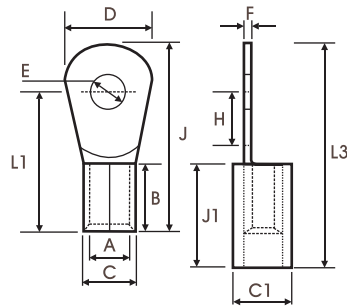


RING TYPE TINNED COPPER CABLE TERMINAL ENDS - INSULATED & NON INSULATED



MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

COLOUR CODING OF INSULATION SLEEVE
1.5 - RED, 2.5 - BLUE, 4 - 6 - YELLOW



Cable mm ²	Stud Hole E	Dimensions								Non Insulated Product Code	Dimensions			Insulated Product Code
		A	C	D	F	B	H	L1	J		J1	L1	C1	
1.5	2.2	1.6	3.2	6	0.8	5	4	11	14	HR - 7103	10	16	4.8	HRI - 7052
	2.6	1.6	3.2	6	0.8	5	4	11	14	HR - 7000	10	16	4.8	HRI - 7053
	3.2	1.6	3.2	6	0.8	5	4	11	14	HR - 7001	10	16	4.8	HRI - 7054
	3.7	1.6	3.2	6	0.8	5	4	11	14	HR - 7002	10	16	4.8	HRI - 7055
	4.2	1.6	3.2	6	0.8	5	4	11	14	HR - 7003	10	16	4.8	HRI - 7056
	5.2	1.6	3.2	8	0.8	5	5	12	16	HR - 7005	10	17	4.8	HRI - 7062
	6.4	1.6	3.2	10	0.8	5	6	13	18	HR - 7007	10	18	4.8	HRI - 7066
2.5	3.2	2.3	3.9	6.5	0.8	5	3.5	9.5	12.7	HR - 7107	10	14.5	5.5	HRI - 7068
	3.7	2.3	3.9	6.5	0.8	5	3.5	9.5	12.7	HR - 7008	10	14.5	5.5	HRI - 7069
	4.2	2.3	3.9	8	0.8	5	5	12	16	HR - 7009	10	17	5.5	HRI - 7071
	5.2	2.3	3.9	8	0.8	5	5	12	16	HR - 7010	10	17	5.5	HRI - 7072
	6.4	2.3	3.9	10	0.8	5	7	13	18	HR - 7011	10	18	5.5	HRI - 7074
	8.2	2.3	3.9	12	0.8	5	9	16	22	HR - 7013	10	21	5.5	HRI - 7077
	8.2	2.3	3.9	16	0.8	5	10	17	25	HR - 7014	10	22	5.5	HRI - 7079
	10.2	2.3	3.9	16	0.8	5	10	17	25	HR - 7015	10	22	5.5	HRI - 7080
12.7	2.3	3.9	18	0.8	5	14	20	29	HR - 7047	10	25	5.5	HRI - 7082	
4-6	4.2	3.5	5.5	10	1	6	5	14	19	HR - 7112	14	22	7.1	HRI - 7085
	5.2	3.5	5.5	10	1	6	5	14	19	HR - 7016	14	22	7.1	HRI - 7086
	6.4	3.5	5.5	12	1	6	6	14	20	HR - 7017	14	22	7.1	HRI - 7089
	8.2	3.5	5.5	12	1	6	6	14	20	HR - 7018	14	22	7.1	HRI - 7090
	8.2	3.5	5.5	14	1	6	10.5	18.5	25.5	HR - 7020	14	26.5	7.1	HRI - 7094
	9.7	3.5	5.5	14	1	6	10.5	18.5	25.5	HR - 7021	14	26.5	7.1	HRI - 7095
10	4.2	4.3	6.3	10	1	8	7	17	22	HR - 7118				
	5.2	4.3	6.3	10	1	8	7	17	22	HR - 7025				
	6.4	4.3	6.3	12	1	8	7	17	23	HR - 7120				
	8.2	4.3	6.3	16	1	8	7	19	27	HR - 7121				
	10.2	4.3	6.3	22	1	8	10	23	34	HR - 7123				
	12.7	4.3	6.3	22	1	8	10	23	34	HR - 7028				
16	6.4	5.6	8	16	1.2	10	8	22	30	HR - 7126				
	8.2	5.6	8	16	1.2	10	8	22	30	HR - 7030				
	10.2	5.6	8	22	1.2	10	8	24	35	HR - 7128				
	12.7	5.6	8	22	1.2	10	8	24	35	HR - 7033				
25	6.4	7.5	11.1	16	1.8	11	6	22	30	HR - 7129				
	8.2	7.5	11.1	16	1.8	11	6	22	30	HR - 7034				
	10.2	7.5	11.1	16	1.8	11	6	22	30	HR - 7035				
	12.7	7.5	11.1	22	1.8	11	14	31	42	HR - 7037				
35	6.4	9	12.6	16	1.8	12	6	23	31	HR - 7133				
	8.2	9	12.6	16	1.8	12	6	23	31	HR - 7038				
	10.2	9	12.6	22	1.8	12	15	31	42	HR - 7135				
	12.7	9	12.6	22	1.8	12	15	31	42	HR - 7040				

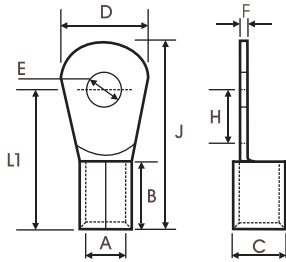
Note : All dimensions in mm



Only for Non-insulated cable terminal ends

RING TYPE TINNED COPPER CABLE TERMINAL ENDS (NON INSULATED)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



Cable mm ²	Stud Hole E	Dimensions								Non Insulated Product Code
		A	C	D	F	B	H	L1	J	
50	8.2	10.5	14.1	18	1.8	16	12	34	43	HR - 7136
	10.2	10.5	14.1	24	1.8	16	14	36	48	HR - 7138
	12.7	10.5	14.1	24	1.8	16	14	36	48	HR - 7042
	16.2	10.5	14.1	32	1.8	16	15	38	54	HR - 7139
70	10.2	12	16	22	2	18	11	36	47	HR - 7140
	12.7	12	16	22	2	18	11	36	47	HR - 7043
	16.2	12	16	28	2	18	16	40	54	HR - 7142
95	10.2	13.5	18.1	24	2.3	20	12	38	50	HR - 7144
	12.7	13.5	18.1	24	2.3	20	12	38	50	HR - 7044
	16.2	13.5	18.1	28	2.3	20	17	44	58	HR - 7145
120	12.7	15	20.2	26	2.6	22	7	39	52	HR - 7146
	20.3	15	20.2	40	2.6	22	20	52	72	HR - 7148
150	16.2	16.5	23.7	40	3.6	24	20	54	74	HR - 7150
	20.3	16.5	23.7	40	3.6	24	20	54	74	HR - 7046

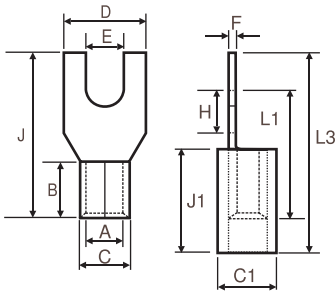
Note : All dimensions in mm

FORK TYPE TINNED COPPER CABLE TERMINAL ENDS (NON INSULATED & INSULATED)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

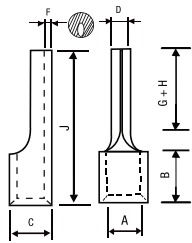
COLOUR CODING OF INSULATION SLEEVE

1.5 : RED, 2.5 : BLUE, 4 - 6 : YELLOW, 10 : BLACK

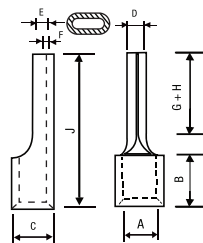


Cable mm ²	Stud Hole E	Dimensions								Non Insulated Product Code	Dimensions			Insulated Product Code
		A	C	D	F	B	H	J	L1		C1	J1	L3	
1.5	5.1	1.6	3.2	8	0.8	5	10	21	17	HF - 7214	4.8	10	27	HFI - 7925
	3.5	1.6	3.2	6.8	0.8	4	4.8	13	8.8	HF - 7249	4.8	10	20.8	HFI - 7926
	3	2	2.8	6.2	0.4	5	3.1	13	10.5	HF - 7250	4.8	10	20.5	HFI - 7927
2.5	3.5	2.3	3.9	6.5	0.8	5	4.3	15	11.8	HF - 7251	5.5	10	21.8	HFI - 7928
	5	2.6	4.6	10.6	1.6	6.2	6.2	21	12.4	HF - 7280	5.5	10	20	HFI - 7929
4 - 6	3.1	3.5	5.5	6	1	6	5.5	15	11.5	HF - 7252	7.1	14	27.5	HFI - 7930
	3.5	3.5	5.5	6	1	6	5	15	11	HF - 7253	7.1	14	27	HFI - 7931
10	6.5	4.5	6.9	16	1.2	8	11	27	19	HF - 7254	7.9	16	35	HFI - 7932
	8.2	4.5	6.9	16	1.2	8	11	27	19	HF - 7255	7.9	16	35	HFI - 7933

COPPER PIN TYPE / BLAND CABLE TERMINAL ENDS



TYPE I

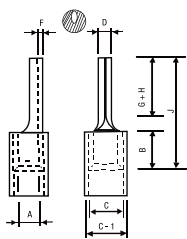


TYPE II

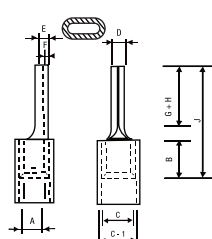
Cable mm ²	Dimensions							TYPE	Product Code
	A	C	D	F	B	G+H	J		
1.5	1.6	3.2	1.9	0.8	5	10	17	I	HP - 9
2.5	2.3	3.9	1.9	0.8	5	10	17	I	HP - 1
4	2.9	4.9	2.7	1	6	10	20	I	HP - 3
6	3.6	5.6	2.7	1	6	10	20	I	HP - 5
6	4	6	2.7	1	6	10	20	I	HP - 6
10	4.5	6.7	4.3	1.1	8	12	22	II	HP - 7
16	5.8	8.2	5.5	1.2	10	13	26	II	HP - 8
25	7.5	11.1	7.2	1.8	11	15	33	II	HP - 10
35	9	12.6	8.2	1.8	12	15	33	II	HP - 11
50	10.5	14.1	9	1.8	16	17	41	II	HP - 12
70	12	16	10	2	16	16	46	II	HP - 13
95	13.5	18.1	10	2.3	20	20	51	II	HP - 14

COPPER INSULATED PIN TYPE CABLE TERMINAL ENDS

COLOUR CODING OF INSULATION SLEEVE 1.5 - RED, 2.5 - BLUE, 4 - 6 - YELLOW



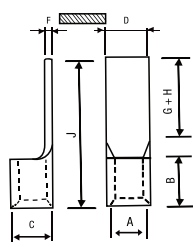
TYPE I



TYPE II

Cable mm ²	Dimensions									TYPE	Product Code
	A	C	D	F	B	G+H	J	C 1	J 1		
1.5	1.6	3.2	1.9	0.8	5	10	17	4.8	10	I	HPI - 17
2.5	2.3	3.9	1.9	0.8	5	10	17	5.5	10	I	HPI - 18
4	2.9	4.9	2.7	1	6	10	20	7.1	14	I	HPI - 20
6	3.6	5.6	2.7	1	6	10	20	7.1	14	I	HPI - 22
6	4	6	2.7	1	6	10	20	7.9	14	I	HPI - 23
10	4.5	6.7	4.3	1.1	8	12	22	7.9	16	II	HPI - 24
16	5.8	8.2	5.5	1.2	10	13	26	10	20	II	HPI - 25

COPPER BLADE TYPE / CABLE TERMINAL ENDS

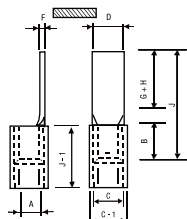


TYPE III

Cable mm ²	Dimensions							Product Code
	A	C	D	F	B	G+H	J	
1.5	1.6	3.2	3.1	0.8	5	10	17	HP - 35
2.5	2.3	3.9	3.1	0.8	5	10	17	HP - 2
4	3.6	5.6	5.1	1	6	10	20	HP - 4
6	3.5	5.5	5.1	1	6.4	12.4	20	HP - 15

COPPER INSULATED FLAT TYPE CABLE TERMINAL ENDS

COLOUR CODING OF INSULATION SLEEVE 1.5 - RED, 2.5 - BLUE, 4 - 6 - YELLOW



TYPE III



Cable mm ²	Dimensions									Product Code
	A	C	D	F	B	G+H	J	C 1	J 1	
1.5	1.6	3.2	3.1	0.8	5	10	17	4.8	10	HPI - 40
2.5	2.3	3.9	3.1	0.8	5	10	17	5.5	10	HPI - 19
4	3.6	5.6	5.1	1	6	10	20	7.1	14	HPI - 21

COPPER END SEALING FERRULES

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

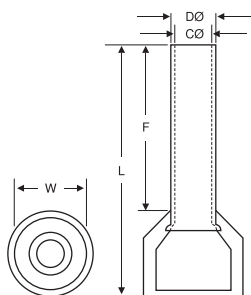
Cable mm ²	Dimensions				Product Code
	A	C	C 1	J	
0.5	1	1.4	2.1	6	HSF - 508
0.75	1.4	1.8	2.5	6	HSF - 509
1	1.6	2	2.7	6	HSF - 510
	1.6	2	2.7	10	HSF - 511
1.5	1.8	2.2	2.9	7	HSF - 512
	1.8	2.2	2.9	10	HSF - 513
2.5	2.3	2.7	2.9	7	HSF - 514
	2.3	2.7	3.5	12	HSF - 515
4	2.8	3.2	4	9	HSF - 516
	2.8	3.2	4	12	HSF - 517
6	3.7	4.1	4.8	10	HSF - 518
	3.7	4.1	4.8	12	HSF - 519
	3.7	4.1	4.8	15	HSF - 520
10	4.6	5	5.8	12	HSF - 521
	4.6	5	5.8	15	HSF - 522
	4.6	5	5.8	18	HSF - 523
16	5.9	6.3	7.5	12	HSF - 524
	5.9	6.3	7.5	15	HSF - 525
	5.9	6.3	7.5	18	HSF - 526
25	6.7	7.2	9	12	HSF - 527
	7.3	7.9	9.5	12	HSF - 528
	7.3	7.9	9.5	15	HSF - 529
	7.3	7.9	9.5	18	HSF - 530
	7.3	7.9	9.5	20	HSF - 531
35	8.3	8.9	11	15	HSF - 532
	8.3	8.9	11	18	HSF - 533
	8.3	8.9	11	20	HSF - 534
	8.3	8.9	11	25	HSF - 535
50	10.3	10.9	13	18	HSF - 536
	10.3	10.9	13	22	HSF - 537
	10.3	10.9	13	25	HSF - 538
	10.3	10.9	13	30	HSF - 539
70	12.5	13.3	15	22	HSF - 540
	12.5	13.3	15	25	HSF - 541
	12.5	13.3	15	30	HSF - 542
95	14.5	15.3	17	25	HSF - 543
	14.5	15.3	17	30	HSF - 544
	14.5	15.3	17	32	HSF - 545
120	16.5	17.5	19	30	HSF - 546
	16.5	17.5	19	32	HSF - 547
	16.5	17.5	19	34	HSF - 548

Note : All dimensions in mm



INSULATED END-SEALING FERRULES

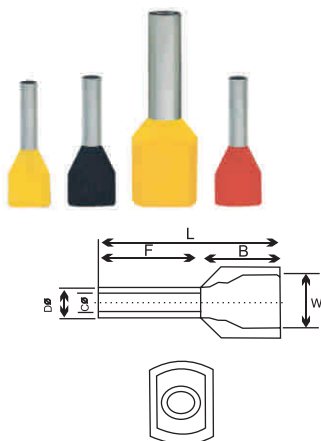
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



Colour of Insulation	Cable mm ²	Dimensions					Product Code
		F	L	W	DØ	CØ	
0.5	White	6.0	12.0	2.6	1.3	1.0	HE-0506
		8.0	14.0				HE-0508
		10.0	16.4				HE-0510
		12.0	18.4				HE-0512
0.75	Blue	6.0	12.4	2.8	1.5	1.2	HE-7506
		8.0	14.4				HE-7508
		10.0	16.4				HE-7510
		12.0	18.4				HE-7512
1.0	Red	6.0	12.0	3.0	1.7	1.4	HE-1006
		8.0	14.0				HE-1008
		10.0	16.0				HE-1010
		12.0	18.0				HE-1012
1.5	Black	8.0	14.6	3.5	2.0	1.7	HE-1508
		10.0	16.4				HE-1510
		12.0	18.4				HE-1512
		18.0	24.4				HE-1518
2.5	Grey	8.0	15.2	4.0	2.6	2.3	HE-2508
		10.0	17.2				HE-2510
		12.0	19.2				HE-2512
		18.0	25.2				HE-2518
4.0	Orange	9.0	16.5	4.4	3.2	2.8	HE-4009
		12.0	19.5				HE-4012
		18.0	25.5				HE-4018
6.0	Green	10.0	18.0	6.3	3.9	3.5	HE-6010
		12.0	20.0				HE-6012
		18.0	26.0				HE-6018
10.0	Brown	12.0	21.5	7.6	4.9	4.5	HE-10-12
		18.0	27.5				HE-10-18
16.0	White	12.0	22.2	8.8	6.2	5.8	HE-16-12
		18.0	28.2				HE-16-18
25.0	Brown	16.0	29.0	11.2	7.9	7.5	HE-25-16
		22.0	35.0				HE-25-22
35.0	White	16.0	30.0	12.7	8.7	8.3	HE-35-16
		25.0	39.0				HE-35-25
50.0	Olive	20.0	36.0	15.3	10.9	10.3	HE-50-20
		25.0	41.0				HE-50-25

Note : All dimensions in mm

TWIN END SEALING FERRULES



Colour of Insulation	Cable mm ²	Dimensions						Product Code
		F	L	W	B	D	C	
White	2 x 0.50	8.0	14.5	5.0	6.5	1.8	1.5	HTSFI - 0508
	2 x 0.75	8.0	14.7	5.5	6.7	2.1	1.8	HTSFI - 7508
Grey	2 x 0.75	10.0	16.7	5.5	7.1	2.3	2.0	HTSFI - 7510
	2 x 1.00	8.0	15.1	5.5	7.1	2.3	2.0	HTSFI - 1008
	2 x 1.00	10.0	17.1	5.5	7.2	2.6	2.3	HTSFI - 1010
	2 x 1.50	8.0	15.5	6.4	7.5	2.6	2.3	HTSFI - 1508
	2 x 1.50	12.0	19.5	6.4	8.5	3.3	2.9	HTSFI - 1512
	2 x 2.50	10.0	18.5	8.0	8.5	3.3	2.9	HTSFI - 2510
Blue	2 x 2.50	13.0	21.5	8.0	5.0	5.0	5.0	HTSFI - 2513
Grey	2 x 4.00	12.0	23.1	8.8	11.1	4.2	3.8	HTSFI - 4012
Yellow	2 x 6.00	14.0	26.1	9.5	12.1	5.3	4.9	HTSFI - 6014
Red	2 x 10.00	14.0	27.0	13.0	12.0	7.0	7.0	HTSFI - 10-14
Blue	2 x 16.00	14.0	31.3	19.0	17.0	8.7	8.3	HTSFI - 16-14

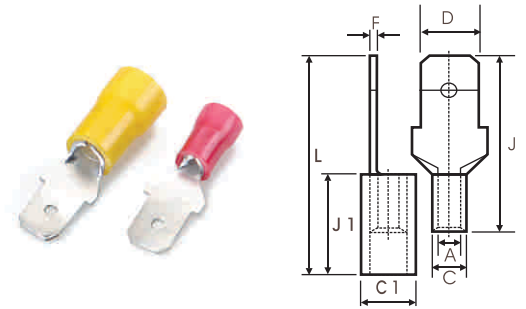
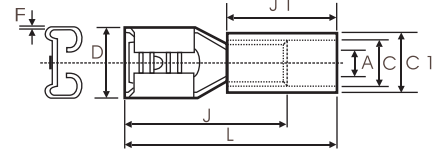
SNAP ON TERMINALS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

COLOUR CODING OF INSULATION SLEEVE 1.5 - RED, 2.5 - BLUE, 4 - 6 - YELLOW

Cable mm ²	Dimensions								Product Code
	D	J	A	C	F	J1	L	C1	
1.5	6.6	16	2.4	3.2	0.4	-	-	-	HSP - 8351
1.5	6.6	16	2.4	3.2	0.4	10	21	4.8	HSP - 8351 (I)
2.5	6.6	16	3.1	3.9	0.4	-	-	-	HSP - 8349
2.5	6.6	16	3.1	3.9	0.4	10	21	5.5	HSP - 8349 (I)
4-6	6.6	19	3.8	5.5	0.8	-	-	-	HSP - 8451
4-6	6.6	19	3.8	5.5	0.8	14	26	7.1	HSP - 8451 (I)

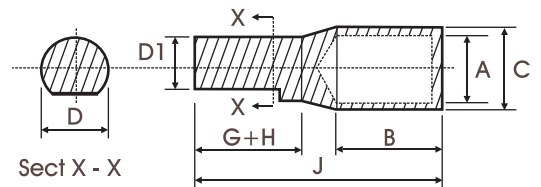
Cable mm ²	Dimensions								Product Code
	D	J	A	C	F	J1	L	C1	
1.5	6.4	20	1.6	3.2	0.8	-	-	-	HSP - 8362
1.5	6.4	20	1.6	3.2	0.8	10	23	4.8	HSP - 8362 (I)
2.5	6.4	20	2.3	3.9	0.8	-	-	-	HSP - 8363
2.5	6.4	20	2.3	3.9	0.8	10	23	5.5	HSP - 8363 (I)
4-6	6.4	20	3.8	5.5	0.8	-	-	-	HSP - 8463
4-6	6.4	20	3.8	5.5	0.8	14	25	7.1	HSP - 8463 (I)



COPPER REDUCER PIN TYPE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

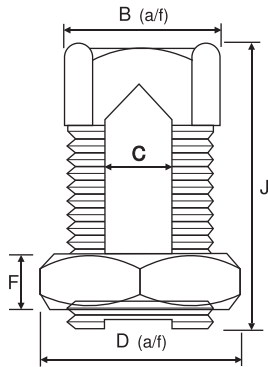
Cable mm ²	Dimensions							Product Code
	A	C	D	D1	B	G+H	J	
2.5	2.5	4.7	3.8	3.3	6	10	20	HPC - 7
4	2.8	4.7	3.8	3.3	6	10	20	HPC - 16
6	3.1	4.7	3.8	3.3	6	10	20	HPC - 18
10	3.8	5.5	3.8	3.3	9	10	23	HPC - 20
16	5.3	7.1	3.8	3.3	12	13	30	HPC - 2
25	7	9	6	5.5	12	15	32	HPC - 25
25	7	9	7.5	6.5	12	20	37	HPC - 3
35	8	10	7.5	6.5	12	20	37	HPC - 4
50	9.2	11.2	7.5	6.5	16	20	41	HPC - 26
70	11.5	13.8	7.5	6.5	18	20	43	HPC - 27
70	11.5	13.8	11.5	10.5	18	25	48	HPC - 6
70	11.5	13.8	11.5	10.5	18	32	55	HPC - 28
95	12.8	15.6	11.5	10.5	20	25	51	HPC - 29
95	12.8	15.6	7.5	6.5	20	22	48	HPC - 31
95	12.8	15.6	15.6	14	20	27	53	HPC - 8
120	14.8	17.8	11.5	10.5	22	25	53	HPC - 32
120	14.8	17.8	7.5	6.5	22	22	50	HPC - 34
120	14.8	17.8	11.5	10.5	22	32	60	HPC - 35
150	16	19.6	11.5	10.5	26	32	64	HPC - 37
185	18	22	11.5	10.5	32	32	70	HPC - 38
240	22	26	16	15	38	42	88	HPC - 44
300	24	28.7	16	15	42	42	92	HPC - 45
400	28	33.2	15.6	14	46	32	90	HPC - 48



LINE TAPS / SPLIT BOLTS

MATERIAL : BRASS - FINISH : NATURAL

'HEX' manufactures a vast range of line taps to meet the materials and dimensional specifications laid by different international standards. Brass line taps are made with high tensile brass as per BS 2874 - CZ 112. Threads are formed by rolling process giving the nut extra clamping force. Pressure pads are made from extruded bars (not cast), preventing the pads from cracking. Brass line taps are manufactured in passivated natural brass with electro tinned finish. They are also supplied in high conductivity copper.



Size	J	C	B a/f	D a/f	F	Product Code
6 mm ²	24.00	3.20	10.00	12.70	6.50	HSBC - 6
10 mm ²	27.30	5.50	12.70	19.00	5.60	HSBC - 10
16 mm ²	27.30	5.50	12.70	19.00	5.60	HSBC - 16
25 mm ²	28.90	6.90	15.00	19.00	5.60	HSBC - 25
35 mm ²	34.80	8.10	18.00	24.00	7.10	HSBC - 35
50 mm ²	42.00	9.60	23.00	27.30	9.40	HSBC - 50
70 mm ²	47.50	11.17	23.00	30.00	9.40	HSBC - 70
95 mm ²	53.00	14.00	25.40	34.30	9.40	HSBC - 95
120 mm ²	59.00	16.00	30.00	35.55	12.20	HSBC - 120
150 mm ²	59.00	16.00	30.00	35.55	12.20	HSBC - 150
185 mm ²	59.00	18.00	32.00	38.10	12.20	HSBC - 185
240 mm ²	76.20	22.20	39.00	48.25	14.60	HSBC - 240
300 mm ²	76.20	23.00	39.00	48.25	14.60	HSBC - 300
400 mm ²	76.50	26.00	48.00	56.00	16.00	HSBC - 400
500 mm ²	80.00	30.00	55.00	65.00	16.00	HSBC - 500

* Add 'T' for Tinned Finish & 'C' for Copper Finish

SPLIT BOLT CONNECTOR WITH ROUND HEAD

HEX has a complete range of split bolts that are used for joining aerial hard drawn copper conductors or insulated copper conductors. The split bolts are made from a high conductivity copper alloy with captive saddle which applies a distributed pressure to conductors. The head of the split bolt is suitable for standard spanner to fit in. They can be supplied in natural copper alloy or electro tinned.

Technical Data :

Conductive Material

Copper alloy

Operating Temperature

-55°C to 100°C

Electroplating Material

Tin 99.7% pure

Natural Brass	Electro Tinned	Max Cond. Size (mm ²)	Slot Width mm ²
HSBC12	HSBC12T	25	6.6
HSBC22	HSBC22T	16	5.3
HSBC24	HSBC24T	35	8.3
HSBC25	HSBC25T	70	10.9
HSBC26	HSBC26T	95	12.9
HSBC28	HSBC28T	185	18.5

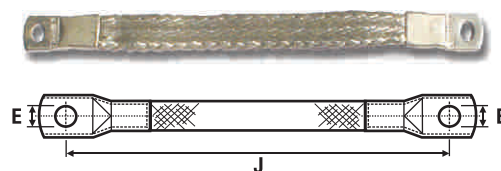
* TINNED COPPER FLEXIBLE BRAIDS -

CRIMPED with CONNECTORS / TERMINALS (LUGS)

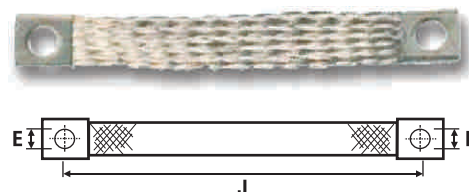
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Cable mm ²	Dimensions in mm		Current Rating AMP	Product Code Crimped with lugs	Product Code Crimped with connector
	J	E			
4	50	6	50	HFT4 - 50 - 50	HFC4 50 - 50
	100	6	50	HFT4 - 100 - 50	HFC4 100 - 50
	150	6	50	HFT4 - 150 - 50	HFC4 150 - 50
	200	6	50	HFT4 - 200 - 50	HFC4 200 - 50
10	50	6	90	HFT10 - 50 - 90	HFC10 50 - 90
	100	6	90	HFT10 - 100 - 90	HFC10 100 - 90
	150	6	90	HFT10 - 150 - 90	HFC10 150 - 90
	200	6	90	HFT10 - 200 - 90	HFC10 200 - 90
16	100	8.5	125	HFT16 - 100 - 125	HFC16 100 - 125
	150	8.5	125	HFT16 - 150 - 125	HFC16 150 - 125
	200	8.5	125	HFT16 - 200 - 125	HFC16 200 - 125
	250	8.5	125	HFT16 - 250 - 125	HFC16 250 - 125
	300	8.5	125	HFT16 - 300 - 125	HFC16 300 - 125
25	100	10	160	HFT25 - 100 - 160	HFC25 100 - 160
	150	10	160	HFT25 - 150 - 160	HFC25 150 - 160
	200	10	160	HFT25 - 200 - 160	HFC25 200 - 160
	250	10	160	HFT25 - 250 - 160	HFC25 250 - 160
30	100	10	180	HFT30 - 100 - 180	HFC30 100 - 180
	150	10	180	HFT30 - 150 - 180	HFC30 150 - 180
	200	10	180	HFT30 - 200 - 180	HFC30 200 - 180
	250	10	180	HFT30 - 250 - 180	HFC30 250 - 180
35	100	10	210	HFT35 - 100 - 210	HFC35 100 - 210
	150	10	210	HFT35 - 150 - 210	HFC35 150 - 210
	200	10	210	HFT35 - 200 - 210	HFC35 200 - 210
	250	10	210	HFT35 - 250 - 210	HFC35 250 - 210
50	100	12	250	HFT50 - 100 - 250	HFC50 100 - 250
	150	12	250	HFT50 - 150 - 250	HFC50 150 - 250
	200	12	250	HFT50 - 200 - 250	HFC50 200 - 250
	250	12	250	HFT50 - 250 - 250	HFC50 250 - 250

Also available with other hole sizes, current rating, lengths etc. as per customer specifications.



HFT- crimped with lugs



HFC- crimped with connectors

* T. C. BRAID DIMENSIONS

Size mm ²	Width in mm	Thickness in mm
4	8	1
10	12	2
16	15	2
25	25	2
30	25	2.5
35	25	3
50	30	3

INSULATED SCREW CONNECTORS

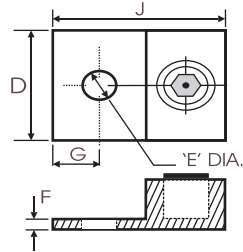
Body : PVC Connections : Brass Voltage : 240/415V Amperage : 32A

Insulated screw connectors accommodate a maximum of 2 x 6 mm² cables, and are made in one and two screw formats, the two screw being for the earth.

- They have a clear plastic housing so that the termination can be visually checked
- Nominal 32A rating, dependant on conductor loading
- Rated for normal 240/415V applications
- Connectors are supplied in handy, screw top jars

Catalogue No.	Description Conductor
HSCS1	Single Screw Connector 32A
HSCS2	Double Screw Connector 32A



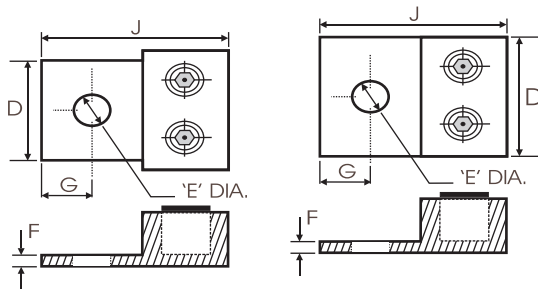


ALUMINIUM SINGLE BARREL CONNECTOR, ONE HOLE MOUNT

MATERIAL : ALUMINIUM • FINISH : ELECTRO TINNED

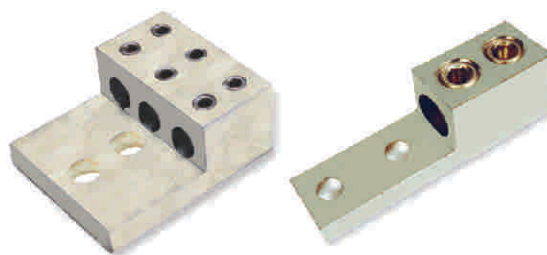
Cable mm ²		Dimensions						Stud		Product	
Max.	Min.	J		D		G		Hole E	F		Code
		mm	Inch.	mm	Inch.	mm	Inch.		mm	Inch.	
4 STR	14 AWG	27.00	(1.10)	12.70	(0.50)	5.95	(0.23)	1/4	2.40	(0.09)	HLA - 4
2 STR	14 AWG	29.40	(1.15)	12.70	(0.50)	7.55	(0.29)	1/4	2.75	(0.10)	HLA - 2
1/0 STR	14 AWG	37.10	(1.46)	15.90	(0.62)	11.10	(0.43)	1/4	4.70	(0.18)	HLA - 10
2/0 STR	14 AWG	37.10	(1.46)	15.90	(0.62)	11.10	(0.43)	1/4	4.70	(0.18)	HLA - 20
250 KCMIL	6 STR	50.60	(2.00)	21.75	(0.85)	12.75	(0.50)	5/16	6.40	(0.25)	HLA - 250
300 KCMIL	6 STR	50.60	(2.00)	21.75	(0.85)	11.90	(0.46)	5/16	6.40	(0.25)	HLA - 300
350 KCMIL	6 STR	57.15	(2.25)	28.60	(1.12)	12.70	(0.50)	3/8	6.40	(0.25)	HLA - 350
500 KCMIL	4 STR	71.50	(2.81)	38.10	(1.50)	19.05	(0.75)	3/8	8.00	(0.31)	HLA - 500
600 KCMIL	2 STR	81.00	(3.19)	38.10	(1.50)	20.60	(0.81)	3/8	11.10	(0.43)	HLA - 600
800 KCMIL	300 KCMIL	85.70	(3.37)	44.50	(1.75)	22.20	(0.87)	5/8	12.70	(0.50)	HLA - 800
1000 KCMIL	500 KCMIL	85.70	(3.37)	44.50	(1.75)	22.20	(0.87)	5/8	12.70	(0.50)	HLA - 1000

ALUMINIUM DOUBLE BARREL CONNECTOR, ONE HOLE MOUNT



MATERIAL : ALUMINIUM • FINISH : ELECTRO TINNED

Cond. Ram. (Al. or Cu.)		Dimensions										Product	
Max.	Min.	J		D		G		E	F		D1		Code
		mm	Inch.	mm	Inch.	mm	Inch.		mm	Inch.	mm	Inch.	
1/0 STR	14 AWG	37.10	(1.46)	30.95	(1.22)	11.10	(0.43)	1/4	4.70	(0.18)	-	-	HL2A - 10
2/0 STR	14 AWG	37.10	(1.46)	31.75	(1.25)	10.70	(0.42)	1/4	4.70	(0.18)	-	-	HL2A - 20
250 KCMIL	6STR	65.10	(2.56)	41.70	(1.64)	22.20	(0.87)	3/8	6.40	(0.25)	38.1	(1.50)	HL2A - 250
350 KCMIL	6 STR	73.00	(2.87)	48.60	(1.91)	22.20	(0.87)	1/2	6.40	(0.25)	44.8	(1.76)	HL2A - 350
600 KCMIL	2 STR	81.00	(3.19)	61.10	(2.40)	15.90	(0.62)	1/2	11.10	(0.43)	50.4	(1.98)	HL2A - 600
800 KCMIL	300 KCMIL	85.70	(3.37)	80.90	(3.18)	22.20	(0.87)	5/8	12.70	(0.50)	50.4	(1.98)	HL2A - 800
1000 KCMIL	500 KCMIL	85.70	(3.37)	80.90	(3.18)	22.20	(0.87)	5/8	12.70	(0.50)	-	-	HL2A - 1000

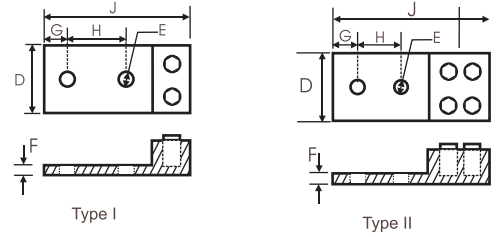


Other types and sizes of Aluminium Mechanical lugs like 2 Hole Palm - 2 Hole Screw, 3 Hole Palm - 2 Hole Screw, 3 Hole Palm - 3 Hole screw etc. can be made on demand and/or customers specifications.

ALUMINIUM DOUBLE BARREL CONNECTOR, TWO HOLE MOUNT

MATERIAL : ALUMINIUM • FINISH : ELECTRO TINNED

Conductor Range		Stud Hole	Dimensions						Product Code
Max.	Min.		J	D	F	G	H	TYPE	
350 KCMIL	6 STR	1/2	104.65 (4.12)	48.51 (1.91)	7.87 (0.31)	15.75 (0.62)	44.45 (1.75)	I	HL2LA 350
600 KCMIL	4 STR	1/2	141.73 (5.58)	60.96 (2.40)	11.17 (0.44)	15.75 (0.62)	44.45 (1.75)	II	HL2LA 600
800 KCMIL	350 KCMIL	1/2	147.82 (5.82)	81.03 (3.19)	12.70 (0.50)	15.75 (0.62)	44.45 (1.75)	II	HL2LA 800



COPPER ONE HOLE OFFSET TONGUE TERMINAL ENDS / CONNECTORS



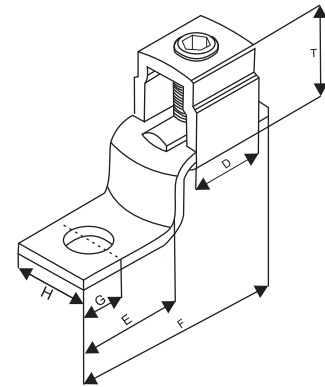
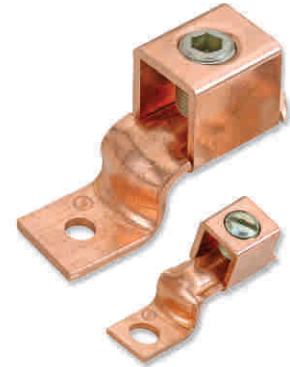
Steel Screws : Zinc Plated

Copper Conductor Size Ran.	Screw Hex Size	Dimensions (mm)						Product Code
		F	E	D	G	H	T	
10-14	Slotted	26	12	7	5.3	7.95	9.5	HUL 25
6-14 & List Comb. (A)	Slotted	31.5	15	11	5.6	9.5	12.3	HUL 35
2-8 & List Comb. (B)	Slotted	39.5	20.5	12.7	6.35	12	16.3	HUL 70
1 / 0-6	Slotted	50.5	26	15.5	10.75	15.85	23.3	HUL 125
3 / 0-4	3/16"	56	30	18	11	19	26.5	HUL 175
4 / 0-2	7/32"	65	33.8	24.5	13	25.2	29.75	HUL 225
350 MCM								
1 AWG	8 mm	72	34	31	13.10	25.2	35.7	HUL 300
*500 MCM								
- 1/0	8 mm	104	56.5	36	23	38	41	HUL 400
*1000 MCM								
-600 MCM	3/8"	123	62	57	28.5	50	59	HUL 650

* U.L. under process

(A) - U.L. Listed wire combinations: (2) #10, (2) # 12, (2) # 14, (1) # 12 and (1) # 14, (1) # 10 and (1) # 12

(B) - U.L. Listed wire combinations: (1) # 8 and (1) # 4, (1) # 8 and (1) # 6 (2) # 4, (3) # 8, (3) # 6, (2) # 8 and (1) # 4, (2) # 8 and (1) # 6, (1) # 6 and (1) # 4, (2) # 6

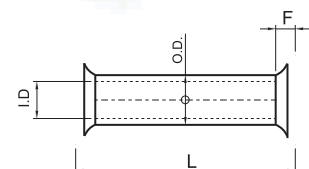


BUTT CONNECTOR

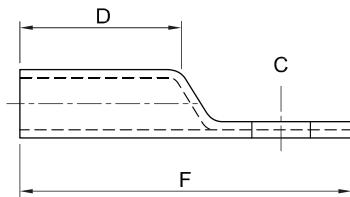


MATERIAL : E-COPPER • FINISH : COPPER

Wire Size	Dimensions				Product Code
	I.D.	O.D.	L	F	
8	4.72	6.35	27.94	2.54	HBC - T8
6	5.89	7.92	29.21	2.54	HBC - T6
4	7.14	9.04	30.99	2.54	HBC - T3
2	8.43	10.67	34.04	2.54	HBC - T2
1	8.94	11.18	34.04	2.54	HBC - T1
1/0	10.19	12.65	39.62	2.54	HBC - T11
2/0	11.58	14.22	45.97	2.54	HBC - T12
3/0	12.93	15.62	48.26	2.54	HBC - T13
4/0	14.94	17.63	62.48	2.54	HBC - T14



COPPER COMPRESSION LUGS - SHORT BARREL



Wire Size	Colour Code	Bolt Size	Dimensions		Product Code
			D	F	
8	RED	#10	7/16	1-1/8	HCRA-8
6	BLUE	#10	13/16	1-1/2	HCRA-6
6	BLUE	1/4	13/16	1-1/2	HCRA-6
4	GRAY	#10	13/16	1-1/2	HCRA-4
4	GRAY	5/16	13/16	1-1/2	HCRA-4-516
4	GRAY	1/4	13/16	1-1/2	HCRA-4
3	WHITE	1/4	13/16	1-1/2	HCRA-3
2	BROWN	1/4	7/8	1-26/32	HCRA-2
2	BROWN	5/16	7/8	1-27/32	HCRA-2
2	BROWN	3/8	1-3/32	1-27/32	HCRA-2
1	GREEN	5/16	7/8	1-7/8	HCRA-1
1	GREEN	1/4	7/8	1-7/8	HCRA-1-14
1	GREEN	3/8	7/8	1-7/8	HCRA-1-38
1/0	PINK	5/16	7/8	1-7/8	HCRA-0
1/0	PINK	1/4	7/8	1-7/8	HCRA-0-14
1/0	PINK	3/8	7/8	1-7/8	HCRA-0
2/0	BLACK	3/8	15/16	2-3/32	HCRA-2/0
2/0	BLACK	1/4	15/16	2-3/32	HCRA-2/0-14
2/0	BLACK	5/16	1-7/32	2-3/32	HCRA-2/0
3/0	ORANGE	3/8	1	2-5/16	HCRA-3/0
3/0	ORANGE	1/4	1	2-5/16	HCRA-3/0-14
3/0	ORANGE	1/2	1	2-5/16	HCRA-3/0
3/0	ORANGE	5/16	1-5/16	2-5/16	HCRA-3/0
4/0	PURPLE	3/8	1	2-11/32	HCRA-4/0
4/0	PURPLE	1/4	1	2-11/32	HCRA-4/0-14
4/0	PURPLE	1/2	1	2-11/32	HCRA-4/0
4/0	PURPLE	5/16	1-11/32	2-5/16	HCRA-4/0
250MCM	YELLOW	1/2	1-1/16	2-5/8	HCRA-250
250MCM	YELLOW	3/8	1-1/16	2-5/8	HCRA-250-38
300MCM	WHITE	1/2	1-1/16	2-5/8	HCRA-300
300MCM	WHITE	3/8	1-1/16	2-5/8	HCRA-300-38
300MCM	WHITE	5/16	1-1/16	2-5/8	HCRA-300-516
300MCM	WHITE	5/8	1-1/16	2-5/8	HCRA-300-58
350MCM	RED	1/2	1-1/8	2-11/16	HCRA-350
400MCM	BLUE	5/8	1-3/16	3-5/16	HCRA-400
400MCM	BLUE	1/2	1-3/16	3-5/16	HCRA-400-12
500MCM	BROWN	5/8	1-3/8	3-1/2	HCRA-500
500MCM	BROWN	1/2	1-3/8	3-1/2	HCRA-500-12
600MCM	GREEN	5/8	1-1/2	3-5/8	HCRA-600
600MCM	GREEN	1/2	1-1/2	3-5/8	HCRA-600-12
*700MCM	PINK	5/8	1-3/8	3-31/32	*HCRA-700
*750MCM	BLACK	5/8	1-5/8	4-11/32	*HCRA-750
*1000MCM	WHITE	5/8	1-7/8	4-7/8	*HCRA-1000

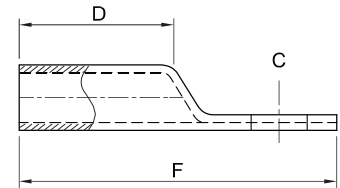
*Wire Size 700MCM, 750MCM & 1000MCM UL under process

COPPER COMPRESSION LUGS - LONG BARREL



Wire Size	Colour	Bolt Size	Dimensions		Product Code
			D	F	
8	RED	-	1-1/8	1-5/2	HCRB-8L
6	BLUE	0.250	1-1/8	1-13/16	HCRB-6L
4	GRAY	0.250	1-1/8	1-13/16	HCRB-4L
4	GRAY	0.312	1-1/8	1-13/16	HCRB-4L-516
3	WHITE	0.250	1-1/8	1-13/16	HCRA-3L
2	BROWN	0.312	1-1/4	2-7/32	HCRB-2L
2	BROWN	0.250	1-1/4	2-7/32	HCRB-2L-14
2	BROWN	0.375	1-1/4	2-7/32	HCRB-2L-38
1	GREEN	0.312	1-3/8	2-3/8	HCRA-1L
1/0	PINK	0.312	1-3/8	2-3/8	HCRA-1/0L
2/0	BLACK	0.375	1-1/2	2-21/32	HCRA-2/0L
3/0	ORANGE	0.500	1-1/2	2-29/32	HCRB-3/0L
4/0	PURPLE	0.500	1-5/8	2-31/32	HCRB-4/0L
250MCM	YELLOW	0.500	1-5/8	3-3/16	HCRA-250L
300MCM	WHITE	0.500	2	3-9/16	HCRA-300L
350MCM	RED	0.500	2	3-9/16	HCRA-350L
400MCM	BLUE	0.625	2-1/8	4-1/4	HCRA-400L
500MCM	BROWN	0.625	2-1/4	4-3/8	HCRA-500L
600MCM	GREEN	0.625	2-1/4	4-15/32	HCRA-600L
*750MCM	BLACK	0.625	2-7/8	5-15/32	*HCRA-750L
*1000MCM	WHITE	0.625	3	6.0	*HCRA-1000L

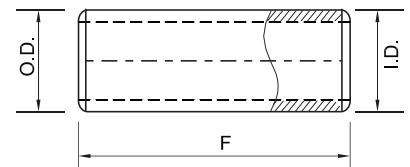
*Wire Size 750MCM & 1000MCM UL under process



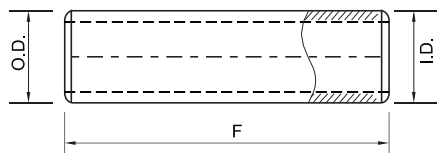
COPPER COMPRESSION SLEEVES - SHORT BARREL



Wire Size	Colour	Dimensions			Product Code
		F	O.D Inch	I.D Inch.	
8	RED	1-1/8	9/32	11/64	HCT-8
6	BLUE	1-3/4	19/64	13/34	HCT-6
4	GRAY	1-7/8	11/32	1/4	HCT-4
3	WHITE	1-3/4	3/8	9/32	HCT-3
2	BROWN	1-7/8	27/64	5/16	HCT-2
1	GREEN	1-7/8	15/32	23/64	HCT-1
1/0	PINK	1-7/8	33/64	25/64	HCT-1/0
2/0	BLACK	2	9/16	7/16	HCT-2/0
3/0	ORANGE	2-1/8	39/64	31/64	HCT-3/0
4/0	PURPLE	2-1/8	11/16	35/64	HCT-4/0
300MCM	WHITE	2-1/4	13/16	21/32	HCT-300
350MCM	RED	2-3/8	7/8	11/16	HCT-350
400MCM	BLUE	2-1/2	15/16	3/4	HCT-400
500MCM	BROWN	2-7/8	1-1/16	53/64	HCT-500
600MCM	GREEN	2-7/8	1-5/16	59/64	HCT-600

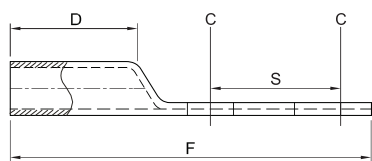


COPPER COMPRESSION SLEEVES - LONG BARREL



Wire Size	Colour	Dimensions			Product Code
		F	O.D Inch.	I.D Inch.	
8	RED	1-3/4	9/32	11/64	HCTL-8
6	BLUE	2-3/8	19/64	13/64	HCTL-6
4	GRAY	2-3/8	11/32	1/4	HCTL-4
3	WHITE	2-3/8	3/2	9/32	HCTL-3
2	BROWN	2-5/8	27/64	5/16	HCTL-2
1	GREEN	2-7/8	15/32	23/64	HCTL-1
1/0	PINK	2-7/8	33/64	25/64	HCTL-1/0
2/0	BLACK	3-1/8	9/16	7/16	HCTL-2/0
3/0	ORANGE	3-1/8	39/64	31/64	HCTL-3/0
4/0	PURPLE	3-3/8	11/16	35/64	HCTL-4/0
300MCM	WHITE	4-1/8	13/16	21/32	HCTL-300
400MCM	BLUE	4-3/8	15/16	3/4	HCTL-400
500MCM	BROWN	4-5/8	1-1/16	53/64	HCTL-500
600MCM	GREEN	4-5/8	1-3/16	59/64	HCTL-600

COPPER COMPRESSION LUGS - LONG BARREL, 2 HOLES



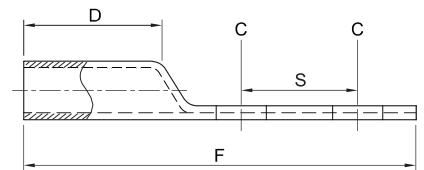
Wire Size	Colour Code	Bolt Size	Dimensions			Product Code
			D	F	S	
2	BROWN	5/16(2)	1-1/4	3	0.75	HCRB-2L2
2	BROWN	1/2(2)	1-1/4	4-13/16	0.1	HCRC-2L2
2	BROWN	#10(2)	1-1/4	3-5/16	0.75	HCRA-2L2-10-34
2	BROWN	1/4(2)	1-1/4	3-5/16	0.63	HCRA--2L2-14-58
2	BROWN	1/4(2)	1-1/4	3-5/16	0.75	HCRA-2L2-14-34
2	BROWN	1/4(2)	1-1/4	3-5/16	1	HCRA-2L2-14-1
2	BROWN	5/16(2)	1-1/4	3-5/16	0.63	HCRA-2L2-516-58
2	BROWN	5/16(2)	1-1/4	3-5/16	0.75	HCRB-2L2-516-34
2	BROWN	5/16(2)	1-1/4	3-5/16	1	HCRA-2L2-516-1
2	BROWN	3/8(2)	1-1/4	3-5/16	0.63	HCRA-2L2-38-58
2	BROWN	3/8(2)	1-1/4	3-5/16	0.75	HCRA-2L2-38-34
2	BROWN	3/8(2)	1-1/4	3-5/16	0.88	HCRA-2L2-38-78
2	BROWN	3/8(2)	1-1/4	3-5/16	1	HCRA-2L2-38-1
2	BROWN	4-1/2	1-1/4	4-1/2	0.75	HCRB-2L2-12-134
1	GREEN	3-7/16	1-3/8	3-7/16	0.88	HCRA-1L2
1	GREEN	3-7/16	1-3/8	3-7/16	0.63	HCRA-1L2-14-58
1	GREEN	4-3/4	1-3/8	4-3/4	0.75	HCRC-1L2
1/0	PINK	5/16(2)	1-3/8	3-7/16	0.88	HCRA-1/0L2
1/0	PINK	1/2(2)	1-3/8	4-29/32	0.75	HCRC-1/0L2
8	RED	5/16(2)	13/16	2.19	0.625	HCRA-8L2
8	RED	1/2(2)	13/16	2.19	0.625	HCRB-8L2

COPPER COMPRESSION LUGS - LONG BARREL, 2 HOLES

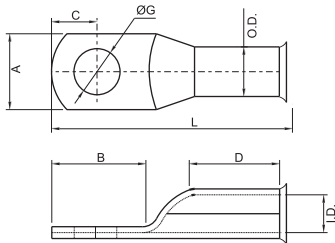


Wire Size	Colour Code	Bolt Size	Dimensions			Product Code
			D	F	S	
6	BLUE	1/4(2)	1-1/8	2.81	0.625	HCRB-6L2
6	BLUE	#10(2)	1-1/8	3.18	0.75	HCRA-6L2-10-34
6	BLUE	1/4(2)	1-1/8	3.18	0.625	HCRB-6L2-14-58
6	BLUE	1/4(2)	1-1/8	3.18	0.625	HCRA-6L2-14-34
6	BLUE	1/4(2)	1-1/8	3.18	1	HCRA-6L2-14-1
6	BLUE	5/16(2)	1-1/8	3.18	1	HCRB-6L2-516-1
6	BLUE	3/8(2)	1-1/8	3.18	0.75	HCRB-6L2-38-34
6	BLUE	3/8(2)	1-1/8	3.18	0.875	HCRB-6L2-38-78
6	BLUE	3/8(2)	1-1/8	3.18	1	HCRB-6L2-38-1
4	BLUE	1/4(2)	1-1/8	2.81	0.625	HCRB-4L2
4	GRAY	1/2(2)	1-1/8	4.87	0.75	HCRC-4L2
4	GRAY	#10(2)	1-1/8	3.18	0.75	HCRA-4L2-10-34
4	GRAY	1/4(2)	1-1/8	3.18	0.625	HCRB-4L2-14-58
4	GRAY	1/4(2)	1-1/8	3.18	0.75	HCRA-4L2-14-34
4	GRAY	1/4(2)	1-1/8	3.18	1	HCRA-4L2-14-1
4	GRAY	5/16(2)	1-1/8	3.18	0.625	HCRA-4L2-516-58
4	GRAY	5/16(2)	1-1/8	3.18	0.75	HCRA-4L2-516-34
4	GRAY	5/16(2)	1-1/8	3.18	1	HCRA-4L2-516-1
4	GRAY	3/8(2)	1-1/8	3.18	0.75	HCRB-4L2-38-34
4	GRAY	3/8(2)	1-1/8	3.18	1	HCRB-4L2-38-1
4	GRAY	1/2(2)	1-1/8	4.37	0.75	HCRB-4L2-12-134
3	WHITE	1/4(2)	1-1/8	2.81	0.625	HCRA-3L2
3	WHITE	3/8(2)	1-1/8	2.81	0.6	HCRA-3L2
2/0	BLACK	1/2(2)	1-1/2	4.78	0.75	HCRA-2/0L2
3/0	ORANGE	□(2)	1-1/2	4.97	0.75	HCRB-3/0L2
4/0	PURPLE	1/2(2)	1-5/8	4.97	0.75	HCRB-4/0L2
250MCM	YELLOW	1/2(2)	1-5/8	5.06	0.75	HCRA-250L2
250MCM	YELLOW	3/8(2)	1-5/8	5.06	1	HCRA-250L2-38-1
250MCM	YELLOW	3/8(2)	1-5/8	5.06	0.75	HCRA-250L2-38-134
300MCM	WHITE	1/2(2)	2	5.44	0.75	HCRA-300L2
350MCM	RED	1/2(2)	2	5.44	0.75	HCRA-350L2
400MCM	BLUE	1/2(2)	2-1/8	5.75	0.75	HCRA-400L2
500MCM	BROWN	1/2(2)	2-1/4	5.75	0.75	HCRA-500L2
600MCM	GREEN	1/2(2)	2-1/4	6.06	0.75	HCRA-600L2
*700MCM	PINK	1/2(2)	2-1/4	6.06	0.75	HCRA-700L2
*750MCM	BLACK	1/2(2)	2-7/8	6.53	0.75	HCRA-750L2
*1000MCM	WHITE	1/2(2)	3	6.53	0.75	HCRA-1000L2

*Wire Size 700MCM, 750MCM & 1000MCM UL under process



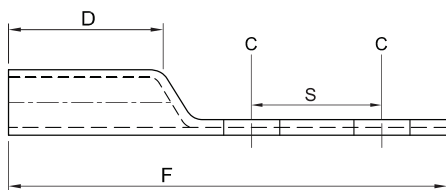
COPPER STANDARD WALL STARTER TERMINAL ENDS



MATERIAL : E-COPPER • FINISH : COPPER

Amp Rating	Wire Size	Bolt Size	Dimensions							Product Code	
			I.D.	O.D.	L	A	B	C	D		G
35	8	1/4	4.72	6.35	32.00	11.58	17.15	8.64	13.97	6.40	HBCT - 86
	8	5/16	4.72	6.35	32.00	11.58	17.15	8.64	13.97	8.41	HBCT - 88
	8	3/8	4.72	6.35	35.18	14.48	17.15	8.64	13.97	10.49	HBCT - 810
	8	1/2	4.72	6.35	42.55	16.26	20.62	9.78	13.97	13.00	HBCT - 812
50	6	1/4	5.89	7.92	32.64	13.72	17.78	7.62	13.97	6.40	HBCT - 66
	6	5/16	5.89	7.92	32.64	13.72	17.78	7.62	13.97	8.41	HBCT - 68
	6	3/8	5.89	7.92	32.64	13.72	17.78	7.62	13.97	10.49	HBCT - 610
	6	1/2	5.89	7.92	42.55	16.26	20.82	9.78	13.97	13.00	HBCT - 612
70	4	1/4	7.14	9.04	40.64	13.72	20.32	7.37	14.73	6.40	HBCT - 46
	4	5/16	7.14	9.04	40.64	13.72	20.32	7.37	14.73	8.41	HBCT - 48
	4	3/8	7.14	9.04	40.64	14.48	20.32	9.78	14.73	10.49	HBCT - 410
	4	1/2	7.14	9.04	40.64	14.48	20.32	9.78	14.73	13.00	HBCT - 412
90	2	1/4	8.43	10.67	43.94	16.51	19.61	8.43	17.02	6.40	HBCT - 26
	2	5/16	8.43	10.67	43.94	16.51	19.61	8.43	17.02	8.41	HBCT - 28
	2	3/8	8.43	10.67	43.94	16.51	19.61	8.43	17.02	10.49	HBCT - 210
	2	1/2	8.43	10.67	43.94	16.51	19.61	8.43	17.02	13.00	HBCT - 212
125	1/0	1/4	10.19	12.65	48.56	18.59	21.34	10.16	19.30	6.40	HBCT - 106
	1/0	5/16	10.19	12.65	48.56	18.59	21.34	10.16	19.30	8.41	HBCT - 108
	1/0	3/8	10.19	12.65	48.56	18.59	21.34	10.16	19.30	10.49	HBCT - 1010
	1/0	1/2	10.19	12.65	48.56	18.59	21.34	10.16	19.30	13.00	HBCT - 1012
150	2/0	1/4	11.58	14.22	55.88	20.83	24.38	11.05	21.59	6.40	HBCT - 206
	2/0	5/16	11.58	14.22	55.88	20.83	24.38	11.05	21.59	8.41	HBCT - 208
	2/0	3/8	11.58	14.22	55.88	20.83	24.38	11.05	21.59	10.49	HBCT - 2010
	2/0	1/2	11.58	14.22	55.88	20.83	24.38	11.05	21.59	13.00	HBCT - 2012
175	3/0	3/8	12.93	15.62	57.15	22.95	25.04	12.52	21.45	6.40	HBCT - 3010
	3/0	1/2	12.93	15.62	57.15	22.95	25.04	12.52	21.45	13.00	HBCT - 3012
225	4/0	3/8	14.94	17.63	65.29	26.31	28.40	13.34	23.11	10.49	HBCT - 4010
	4/0	1/2	14.94	17.63	65.29	26.31	28.40	13.34	23.11	13.00	HBCT - 4012

COPPER COMPRESSION LUGS - SHORT BARREL, 2 HOLES



Wire Size	Bolt Size	Dimensions			Colour Code	Product Code
		D	F	S		
8	10	0.44	1.82	0.625	Red	HS-8 L2
6	1/4	0.71	2.09	0.625	Red	HS-6 L2
4	1/4	0.71	2.09	0.625	Gray	HS-4 L2
2	5/16	0.83	2.62	0.75	Brown	HS-2 L2
1	1/4	0.83	2.28	0.625	Green	HS-1 L2
1/0	5/16	0.83	2.64	0.875	Pink	HS-1/0 L2
1/0	3/8	0.83	2.83	1	Pink	HS-1/0-38 L2
2/0	3/8	0.94	2.99	1	Black	HS-2/0 L2
2/0	1/2	0.94	4.17	1.75	Black	HS-2/0-12 L2
3/0	1/2	0.98	4.29	1.75	Orange	HS-3/0 L2
4/0	1/2	0.98	4.29	1.75	Purple	HS-4/0 L2
4/0	3/8	0.98	3.11	1	Purple	HS-4/0 - 38 L2
250 MCM	1/2	1.06	4.41	1.75	Yellow	HS-250 L2
300 MCM	1/2	1.06	4.41	1.75	White	HS-300 L2
350 MCM	1/2	1.10	4.53	1.75	Red	HS-350 L2
400 MCM	1/2	1.18	4.69	1.75	Blue	HS-400 L2
500 MCM	1/2	1.38	4.88	1.75	Brown	HS-500 L2
600 MCM	3/8	1.50	4.96	1.75	Green	HS-600 L2
600 MCM	1/2	1.50	5.04	1.75	Green	HS-600-12 L2
750 MCM	1/2	1.85	5.51	1.75	Black	HS-750 L2

RING TYPE TINNED COPPER CABLE TERMINAL ENDS (NON INSULATED)

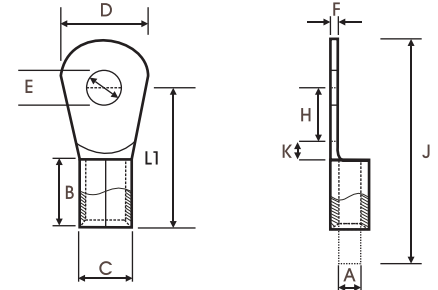


MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Specification : E. C. Grade 99.9% IACS



Cable mm ²	Stud Hole E	Dimensions									Product Code
		A	C	D	F	B	K	H	L1	J	
1.5	3.2	1.6	3.2	6.8	0.8	5	1.0	3.6	9.6	13	HR 7153
	3.7	1.6	3.2	6.8	0.8	5	1.0	3.6	9.6	13	HR 7048
	4.2	1.6	3.2	6.8	0.8	5	1.0	3.6	9.6	13	HR 7049
	2.2	1.6	3.2	6	0.8	5	2.0	4.0	11	14	HR 7103
	2.6	1.6	3.2	6	0.8	5	2.0	4.0	11	14	HR 7000
	3.2	1.6	3.2	6	0.8	5	2.0	4.0	11	14	HR 7001
	3.7	1.6	3.2	6	0.8	5	2.0	4.0	11	14	HR 7002
	4.2	1.6	3.2	6	0.8	5	2.0	4.0	11	14	HR 7003
	4.2	1.6	3.2	7	0.8	5	1.0	5.0	11	14.5	HR 7154
	3.2	1.6	3.2	8	0.8	5	2.0	5.0	12	16	HR 7104
	4.2	1.6	3.2	8	0.8	5	2.0	5.0	12	16	HR 7004
	5.2	1.6	3.2	8	0.8	5	2.0	5.0	12	16	HR 7005
	4.2	1.6	3.1	10	0.8	5	2.0	6.0	13	18	HR 7105
	5.2	1.6	3.2	10	0.8	5	2.0	6.0	13	18	HR 7006
6.4	1.6	3.2	10	0.8	5	2.0	6.0	13	18	HR 7007	
6.4	1.6	3.2	12	0.8	5	1.0	6.0	12	18	HR 7106	
2.5	3.2	2.3	3.9	6.5	0.8	5	1.0	3.5	9.5	12.7	HR 7107
	3.7	2.3	3.9	6.5	0.8	5	1.0	3.5	9.5	12.7	HR 7008
	3.7	2.3	3.9	8	0.8	5	2.0	5.0	12	16	HR 7108
	4.2	2.3	3.9	8	0.8	5	2.0	5.0	12	16	HR 7009
	5.2	2.3	3.9	8	0.8	5	2.0	5.0	12	16	HR 7010
	5.2	2.3	3.9	10	0.8	5	1.0	7.0	13	18	HR 7109
	6.4	2.3	3.9	10	0.8	5	1.0	7.0	13	18	HR 7011
	5.2	2.3	3.9	12	0.8	5	2.0	9.0	16	22	HR 7110
	6.4	2.3	3.9	12	0.8	5	2.0	9.0	16	22	HR 7012
	8.2	2.3	3.9	12	0.8	5	2.0	9.0	16	22	HR 7013
	6.4	2.3	3.9	16	0.8	5	2.0	10.0	17	25	HR 7111
	8.2	2.3	3.9	16	0.8	5	2.0	10.0	17	25	HR 7014
	10.2	2.3	3.9	16	0.8	5	2.0	10.0	17	25	HR 7015
	10.2	2.3	3.9	18	0.8	5	1.0	14.0	20	29	HR 7151
12.7	2.3	3.9	18	0.8	5	1.0	14.0	20	29	HR 7047	
4 - 6	4.2	3.5	5.5	8	1.0	6	2.0	5.0	13	17	HR 7155
	5.2	3.5	5.5	8	1.0	6	2.0	5.0	13	17	HR 7050
	4.2	3.5	5.5	10	1.0	6	3.0	5.0	14	19	HR 7112
	5.2	3.5	5.5	10	1.0	6	3.0	5.0	14	19	HR 7016
	5.2	3.5	5.5	12	1.0	6	2.0	6.0	14	20	HR 7113
	6.4	3.5	5.5	12	1.0	6	2.0	6.0	14	20	HR 7017
	8.2	3.5	5.5	12	1.0	6	2.0	6.0	14	20	HR 7018
	5.2	3.5	5.5	12	1.0	6	3.0	7.0	16	22	HR 7114
	6.4	3.5	5.5	12	1.0	6	3.0	7.0	16	22	HR 7019
	5.2	3.5	5.5	8	1.0	6	3.0	9.8	18.8	22.8	HR 7157
	6.4	3.5	5.5	14	1.0	6	2.0	10.5	18.5	25.5	HR 7115
	8.2	3.5	5.5	14	1.0	6	2.0	10.5	18.5	25.5	HR 7020
	9.7	3.5	5.5	14	1.0	6	2.0	10.5	18.5	25.5	HR 7021
	8.2	3.5	5.5	16	1.0	6	3.0	13.0	22	30.0	HR 7116
	10.2	3.5	5.5	16	1.0	6	3.0	13.0	22	30.0	HR 7022
	8.2	3.5	5.5	18	1.0	6	3.0	12.0	21	30.0	HR 7117
10.2	3.5	5.5	18	1.0	6	3.0	12.0	21	30.0	HR 7023	
12.7	3.5	5.5	18	1.0	6	3.0	12.0	21	30.0	HR 7024	
10	4.2	4.3	6.3	10	1.0	8	2.0	7.0	17	22	HR 7118
	5.2	4.3	6.3	10	1.0	8	2.0	7.0	17	22	HR 7025
	4.2	4.3	6.3	10	1.0	8	3.0	4.0	15	20	HR 7119

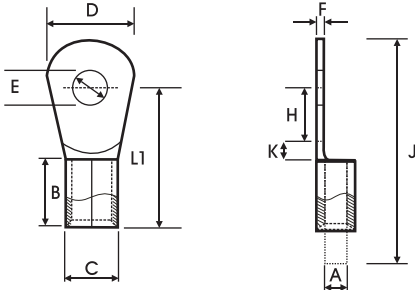


RING TYPE TINNED COPPER CABLE TERMINAL ENDS (NON INSULATED)



MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Specification : E. C. Grade 99.9% IACS



Cable mm ²	Stud Hole E	Dimensions									Product Code
		A	C	D	F	B	K	H	L1	J	
10	5.2	4.3	6.3	10	1.0	8	3.0	4.0	15	20	HR 7026
	6.4	4.3	6.3	12	1.0	8	2.0	7.0	17	23	HR 7120
	8.2	4.3	6.3	16	1.0	8	4.0	7.0	19	27	HR 7121
	8.2	4.3	6.3	18	1.0	8	4.0	9.0	21	30	HR 7122
	10.2	4.3	6.3	18	1.0	8	4.0	9.0	21	30	HR 7027
	10.2	4.3	6.3	22	1.0	8	5.0	10.0	23	34	HR 7123
	12.7	4.3	6.3	22	1.0	8	5.0	10.0	23	34	HR 7028
	16	5.2	5.6	8	10	1.2	10	3.0	6.0	19	24
16	5.2	5.6	8	12	1.2	10	4.0	6.0	20	26	HR 7125
16	6.4	5.6	8	12	1.2	10	4.0	6.0	20	26	HR 7029
16	6.4	5.6	8	16	1.2	10	4.0	8.0	22	30	HR 7126
16	8.2	5.6	8	16	1.2	10	4.0	8.0	22	30	HR 7030
16	9.7	5.6	8	16	1.2	10	4.0	8.0	22	30	HR 7031
16	8.2	5.6	8	18	1.2	10	4.0	10.0	24	33	HR 7127
16	10.2	5.6	8	18	1.2	10	4.0	10.0	24	33	HR 7032
16	10.2	5.6	8	22	1.2	10	6.0	8.0	24	35	HR 7128
16	12.7	5.6	8	22	1.2	10	6.0	8.0	24	35	HR 7033
25	6.4	7.5	11.1	12	1.8	11	4.0	10.0	25	31	HR 7156
	8.2	7.5	11.1	12	1.8	11	4.0	10.0	25	31	HR 7051
	6.4	7.5	11.1	16	1.8	11	5.0	6.0	22	30	HR 7129
	8.2	7.5	11.1	16	1.8	11	5.0	6.0	22	30	HR 7034
	10.2	7.5	11.1	16	1.8	11	5.0	6.0	22	30	HR 7035
	6.4	7.5	11.1	16	1.8	11	4.0	10.0	25	33	HR 7130
	8.2	7.5	11.1	16	1.8	11	4.0	10.0	25	33	HR 7036
	10.2	7.5	11.1	18	1.8	11	5.0	9.0	25	34	HR 7131
	10.2	7.5	11.1	22	1.8	11	6.0	14.0	31	42	HR 7132
	12.7	7.5	11.1	22	1.8	11	6.0	14.0	31	42	HR 7037
35	6.4	9	12.6	16	1.8	12	5.0	6.0	23	31	HR 7133
	8.2	9	12.6	16	1.8	12	5.0	6.0	23	31	HR 7038
	8.2	9	12.6	18	1.8	12	5.0	10.0	27	36	HR 7134
	10.2	9	12.6	18	1.8	12	5.0	10.0	27	36	HR 7039
	10.2	9	12.6	22	1.8	12	4.0	15.0	31	42	HR 7135
	12.7	9	12.6	22	1.8	12	4.0	15.0	31	42	HR 7040
50	8.2	10.5	14.1	18	1.8	16	6.0	12.0	34	43	HR 7136
	10.2	10.5	14.1	18	1.8	16	6.0	12.0	34	43	HR 7041
	10.2	10.5	14.1	22	1.8	16	7.0	9.0	32	43	HR 7137
	10.2	10.5	14.1	24	1.8	16	6.0	14.0	36	48	HR 7138
	12.7	10.5	14.1	24	1.8	16	6.0	14.0	36	48	HR 7042
	16.2	10.5	14.1	32	1.8	16	7.0	15.0	38	54	HR 7139
70	10.2	12	16	22	2	18	7.0	11.0	36	47	HR 7140
	12.7	12	16	22	2	18	7.0	11.0	36	47	HR 7043
	12.7	12	16	24	2	18	8.0	10.0	36	48	HR 7141
	16.2	12	16	28	2	18	6.0	16.0	40	54	HR 7142
95	10.2	13.5	18.1	22	2.3	20	5.0	10.0	35	46	HR 7143
	10.2	13.5	18.1	24	2.3	20	6.0	12.0	38	50	HR 7144
	12.7	13.5	18.1	24	2.3	20	6.0	12.0	38	50	HR 7044
	16.2	13.5	18.1	28	2.3	20	7.0	17.0	44	58	HR 7145
120	12.7	15	20.2	26	2.6	22	10.0	7.0	39	52	HR 7146
	23.0	15	20.2	40	2.6	22	10.0	20.0	52	72	HR 7148
150	12.7	16.5	23.7	34	3.6	24	8.0	16.0	49	66	HR 7149
	16.2	16.5	23.7	34	3.6	24	9.0	16.0	49	66	HR 7045
	16.2	16.5	23.7	40	3.6	24	10.0	20.0	54	74	HR 7150
	20.3	16.5	23.7	40	3.6	24	10.0	20.0	54	74	HR 7046

HEXPRESS CRIMPING TOOLS



HEXPRESS A - 6
Crimping Capacity : 0.5mm² to 6mm²



HEXPRESS B - 16
Crimping Capacity : 0.5mm² to 16mm²



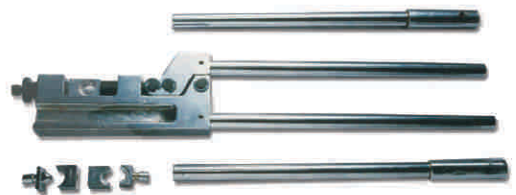
HEXPRESS IN - 6
(for Insulated)
Crimping Capacity : 1.5mm² , 2.5mm² , 4-6mm²



HEXPRESS F - 6
(for End Sealing Ferrules)
Crimping Capacity : 0.5mm² to 6mm²



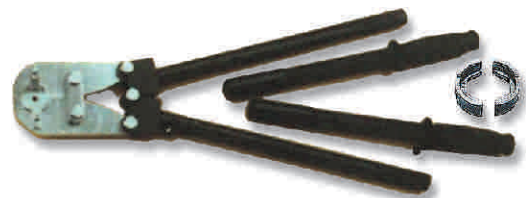
HEXPRESS E - 95
Dies : R - 1 to R - 10
Crimping Capacity : 10mm² to 95mm²



HEXPRESS F - 185
Dies : R - 1 to R - 13
Crimping Capacity : 10mm² to 185mm²



HEXPRESS F1 - 185
Dies : R - 1 to R - 13
Crimping Capacity : 10mm² to 185mm² (Al. & Cu.)



HEXPRESS G - 400
Dies : Hex profile
Crimping Capacity : 50mm² to 400mm² (Al.)
50mm² to 240mm² (Cu.)

HEXPRESS CRIMPING TOOLS



HEXPRESS H - 50
(Dieless)
Crimping Capacity :
for Cu. & Al. crimping socket : 25mm², 35mm² & 50mm²
for Ring Type : 16mm², 25mm² & 35mm²



HEXPRESS G1 - 400
(Gear Operated)
Crimping Capacity : 50mm² to 400mm² (Al.)
50mm² to 300mm² (Cu.)



HEXPRESS HY - 400
(Hydraulic)
Dies : R - 11 to R - 18
Crimping Capacity : 50mm² to 400mm²



HEXPRESS HYF - 400
(Hydraulic Foot Operated)
Crimping Capacity : 50mm² to 400mm²



HEXPRESS H - 70
(Dieless)
for Ring Type only
Crimping Capacity : 16mm² to 70mm²

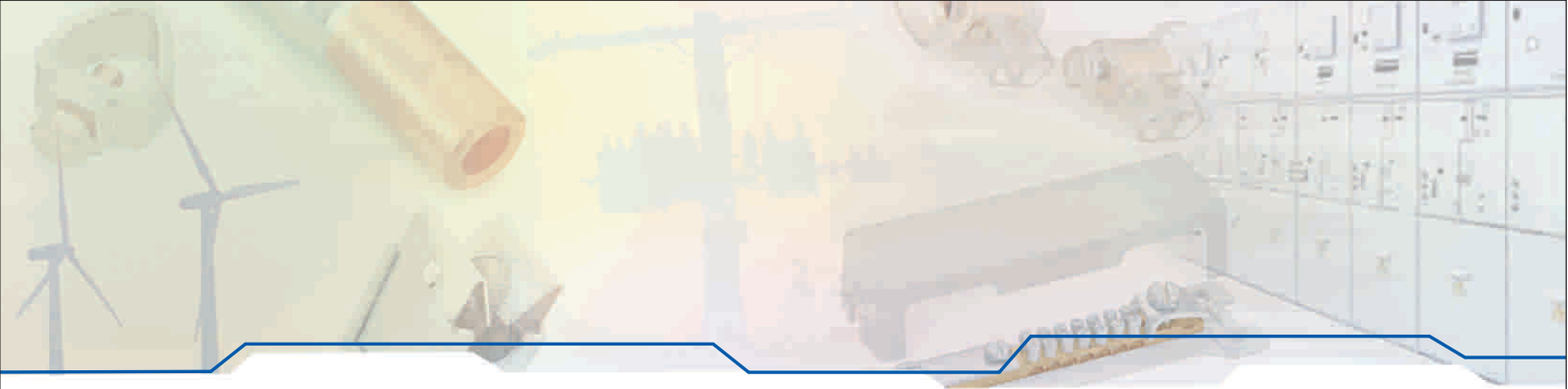


HEXPRESS H - 95
(Dieless)
Crimping Capacity :
for Cu. & Al. crimping socket : 10mm² to 95mm²

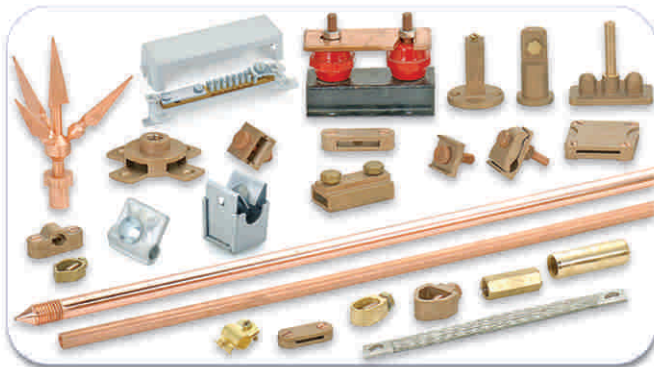
HEXPRESS HY - 1000
(Hydraulic)
Dies : R - 11 to R - 29
Crimping Capacity : 50mm² to 1000mm²



HEXPRESS HSC - 100
Anti Corrosive Compound



Overview of products:



Earthing & Lightning Protection



Brass Cable Gland Kits & Accessories



Conduit Accessories, Channels & Pipe Clamps



Control Panel / Switchboard Accessories



Stainless Steel Cable Ties & Markers



Cable Jointing & Termination Kit Components



HEX *Worldwide*



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