



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 stocklist. 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 dielectric 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 the 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:

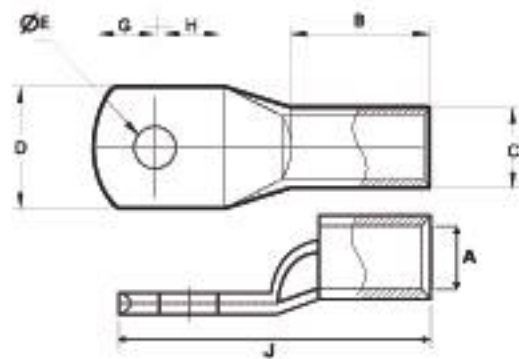
Our modern warehousing facilities and storage systems ensure availability of the complete range of products and its prompt despatch. Strategically positioned, all the complexes are technologically equipped to streamline order processing and delivery.

CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

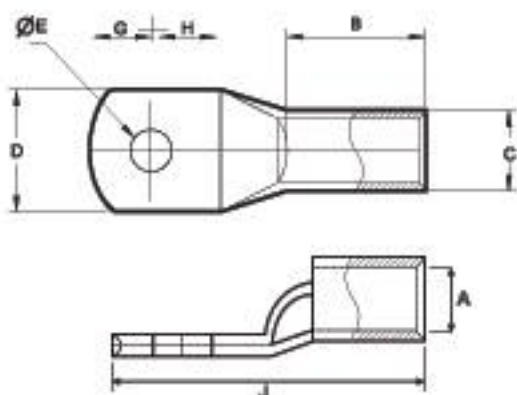
| Cable mm ² | Stud Hole E | Dimensions | | | | | | | Product Code |
|--------------------------|----------------|------------|------|----|----|----|------|----|-----------------|
| | | A | C | D | G | H | B | J | |
| 1.5 | 4.2 | 1.8 | 3.7 | 8 | 4 | 5 | 6 | 17 | HT 1.5 - 4 |
| | 5.2 | 1.8 | 3.7 | 8 | 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 |
| 20 | 8.4 | 6 | 7.7 | 12 | 7 | 7 | 12 | 32 | HT 20 - 8 |
| 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

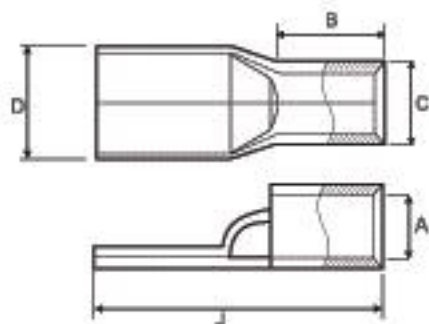


CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS

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 |
| | 17 | 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 |
| *630 | 16 | 35 | 41.5 | 61 | 25 | 25 | 70 | 144 | HLT 630 - 16 |
| *630 | 20 | 35 | 41.5 | 61 | 25 | 25 | 70 | 144 | HLT 630 - 20 |
| 800 | - | 39 | 50.6 | 72 | - | - | 78 | 170 | HT 800 - BL |
| 1000 | - | 43 | 56.2 | 78.5 | - | - | 90 | 200 | HT 1000-BL |

*630 : For Low Voltage Application

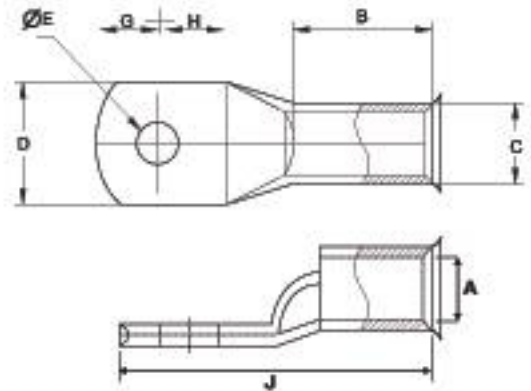
Note : All dimensions in mm

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 | 7.8 | 15 | 8 | 12 | 12 | 36 | BHT 16-10 |
| | 13 | 5.5 | 7.8 | 17 | 11 | 13 | 12 | 39 | BHT 16-13 |
| | 17 | 5.5 | 7.8 | 21 | 13 | 14 | 12 | 44 | BHT 16-16 |
| 20 | 8.4 | 6 | 7.7 | 12 | 7 | 7 | 12 | 32 | BHT 20-8 |
| 25 | 6.5 | 8.8 | 8.8 | 13 | 7 | 7 | 12 | 30 | BHT 25-6 |
| | 8.4 | 8.8 | 8.8 | 13 | 7 | 7 | 12 | 30 | BHT 25-8 |
| | 10.5 | 8.8 | 8.8 | 15 | 10 | 11 | 13 | 38 | BHT 25-10 |
| | 13 | 8.8 | 9.2 | 17 | 10 | 12 | 15 | 41 | BHT 25-12 |
| | 17 | 8.8 | 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.

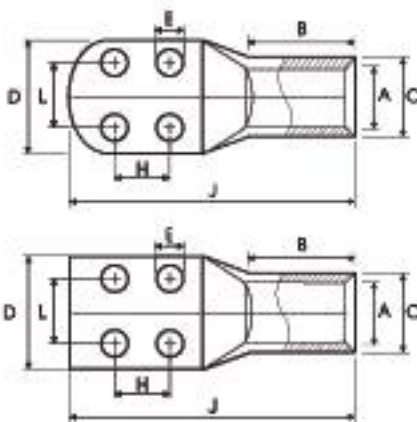
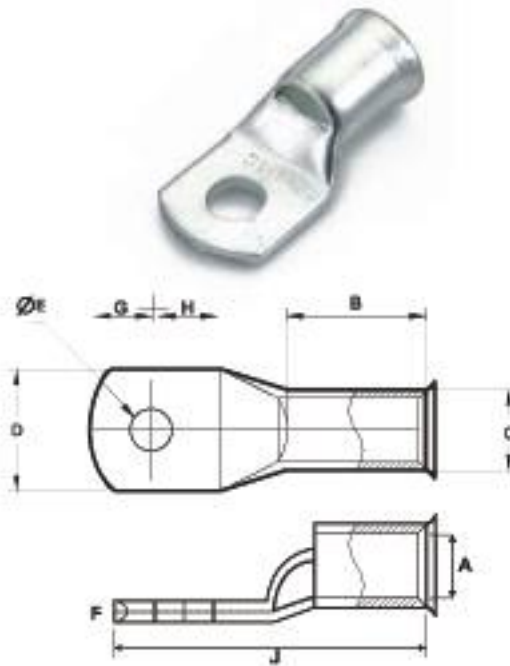
FOUR HOLE CABLE TERMINAL ENDS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

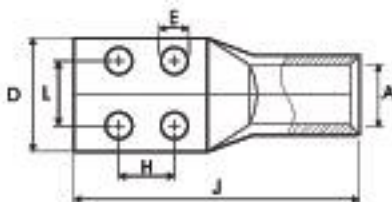
| Cable mm ² | Stud Hole E | Dimensions | | | | | | | Product Code |
|--------------------------|----------------|------------|------|------|----|----|----|-----|-----------------|
| | | A | C | D | B | L | H | J | |
| 300 | 8.5 | 23.5 | 30 | 56 | 42 | 35 | 25 | 101 | HT 3004EB |
| | 10.5 | 23.5 | 30 | 56 | 42 | 35 | 25 | 101 | HT 3004E10 |
| 400 | 8.5 | 28.5 | 36.5 | 56 | 44 | 35 | 25 | 114 | HT4004EB |
| | 10.5 | 28.5 | 36.5 | 56 | 44 | 35 | 25 | 114 | HT 4004E10 |
| 500 | 8.5 | 30 | 39 | 56 | 48 | 35 | 25 | 124 | HT 5004EB |
| | 10.5 | 30 | 39 | 56 | 48 | 35 | 25 | 124 | HT 5004E10 |
| 630 | 8.5 | 35 | 45 | 66 | 56 | 35 | 25 | 144 | HT 6304EB |
| | 10.5 | 35 | 45 | 66 | 56 | 35 | 25 | 144 | HT 6304E10 |
| 800 | 8.5 | 35 | 45 | 63.8 | 58 | 35 | 25 | 148 | HT 8004EB |
| | 8.5 | 35 | 45 | 36.8 | 58 | 35 | 25 | 148 | HT 8004E10 |
| 1000 | 10.5 | 43 | 56.2 | 78.5 | 90 | 35 | 25 | 250 | HT10004EB |
| | 10.5 | 43 | 56.2 | 78.5 | 90 | 35 | 25 | 250 | HT 10004E10 |

Note : All dimensions in mm

| Cable mm ² | Dimensions | | | | | | Product Code |
|--------------------------|------------|------|----|----|----|-----|--------------------|
| | E | A | D | L | H | J | |
| 630 | 10.5 | 33.4 | 61 | 35 | 25 | 144 | HT 630 4E10 - SPL. |



For 800 & 1000 mm²



CRIMPING TYPE COPPER TUBULAR IN - LINE CONNECTORS (LINKS)

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

Long Barrel Connectors

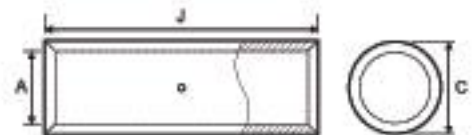
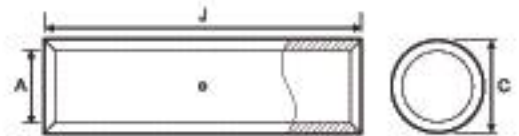
| Cable mm ² | Dimensions | | | Product Code |
|--------------------------|------------|------|-----|-----------------|
| | A | C | J | |
| 1.5 | 1.8 | 3.7 | 22 | HC 1.5 |
| 2.5 | 2.4 | 4 | 22 | HC 2.5 |
| 4 | 3.1 | 4.8 | 22 | HC 4 |
| 6 | 3.8 | 5.5 | 22 | HC 6 |
| 10 | 4.5 | 6.2 | 22 | HC 10 |
| 16 | 5.4 | 7.1 | 44 | HC 16 |
| 20 | 6.3 | 7.7 | 44 | HC 20 |
| 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

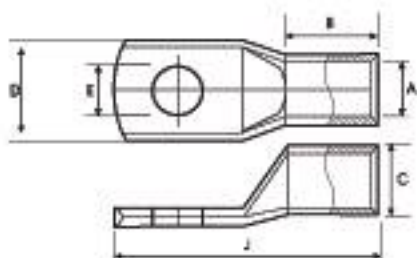
| Cable mm ² | Dimensions | | | Product Code |
|--------------------------|------------|------|-----|-----------------|
| | A | C | J | |
| 1.5 | 1.8 | 3.7 | 12 | HL 1.5 |
| 2.5 | 2.4 | 4 | 15 | HL 2.5 |
| 4 | 3.1 | 4.8 | 15 | HL 4 |
| 6 | 3.8 | 5.5 | 15 | HL 6 |
| 10 | 4.5 | 6.2 | 20 | HL 10 |
| 16 | 5.4 | 7.1 | 20 | HL 16 |
| 20 | 6.3 | 7.7 | 22 | HL 20 |
| 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 |
| 10 | 13 | 3.8 | 6 | 17 | 9 | 36 | HNL 6-12 |
| | 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 |
| 16 | 10.5 | 4.5 | 7 | 15 | 10 | 34 | HNL 10-10 |
| | 13 | 4.5 | 7 | 17 | 10 | 40 | HNL 10-12 |
| | 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 |
| 25 | 8.5 | 5.4 | 7.1 | 12 | 13 | 32 | HNL 16-8 |
| | 10.5 | 5.5 | 7.8 | 15 | 13 | 38 | HNL 16-10 |
| | 13 | 5.5 | 7.8 | 17 | 13 | 42 | HNL 16-12 |
| | 5.3 | 6.8 | 8.8 | 13 | 13 | 32 | HNL 25-5 |
| 35 | 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 |
| 50 | 6.5 | 8.2 | 10.8 | 15 | 15 | 37.5 | HNL 35-6 |
| | 8.5 | 8.2 | 10.8 | 15 | 15 | 42 | HNL 35-8 |
| | 10.5 | 8.2 | 10.8 | 15 | 16 | 48 | HNL 35-10 |
| | 13 | 8.2 | 10.8 | 17 | 15 | 53 | HNL 35-12 |
| | 15 | 8.2 | 10.8 | 20 | 15 | 53 | HNL 35-12 |
| 70 | 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 |
| 95 | 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)

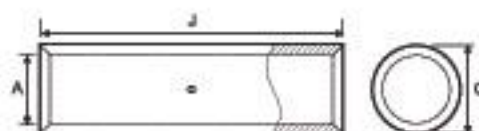
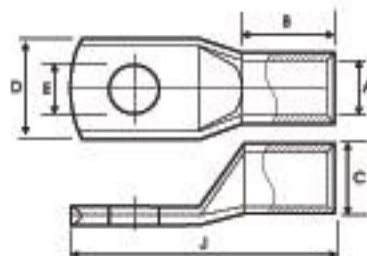
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

| 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 150-8 |
| | 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 UPTO 36KV - RED / CU. COLOR

| 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 | 180.00 | 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

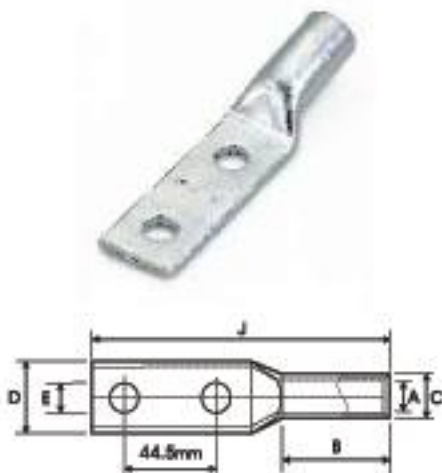


| Cable mm ² | Stud Hole E | Dimensions | | | | | | | Product Code |
|--------------------------|----------------|------------|------|------|----|----|----|-----|-----------------|
| | | A | C | D | G | H | B | J | |
| 6 | 8.4 | 3.8 | 5.5 | 12 | 6 | 9 | 11 | 29 | HTL 6 - 8 |
| 10 | 8.4 | 4.5 | 6.2 | 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 |

- 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 | 7.8 | 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 | 10.8 | 16.5 | 16 | 100 | HT35 2E - 10 |
| 50 | 10.5 | 9.5 | 12.4 | 17 | 25 | 109 | HT50 2E - 10 |
| | 13 | 9.5 | 12.4 | 17 | 25 | 109 | HT50 2E - 12 |
| 70 | 10.5 | 11.3 | 14.7 | 21 | 30 | 114 | HT70 2E - 10 |
| | 13 | 11.3 | 14.7 | 21 | 30 | 114 | HT70 2E - 12 |
| 95 | 10.5 | 13.5 | 17.4 | 25 | 30 | 116 | HT95 2E - 10 |
| | 13 | 13.5 | 17.4 | 25 | 30 | 116 | HT95 2E - 12 |
| 120 | 10.5 | 15 | 19.4 | 27.5 | 35 | 122 | HT120 2E - 10 |
| | 13 | 15 | 19.4 | 27.5 | 35 | 122 | HT120 2E - 12 |
| 150 | 10.5 | 16.5 | 21.2 | 30 | 40 | 126 | HT150 2E - 10 |
| | 13 | 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 | 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 | 21 | 26.5 | 38.5 | 50 | 143 | HT240 2E - 12 |
| 300 | 13.7 | 23.5 | 30 | 43 | 55 | 144 | HT3002E - 10 |
| 400 | 13.7 | 28.5 | 36.5 | 52.5 | 60 | 149 | HT4002E - 10 |
| 500 | 13.7 | 30 | 39 | 56 | 65 | 160 | HT5002E - 10 |
| 630 | 13.7 | 35 | 45 | 36.8 | 75 | 160 | HT6302E - 10 |

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

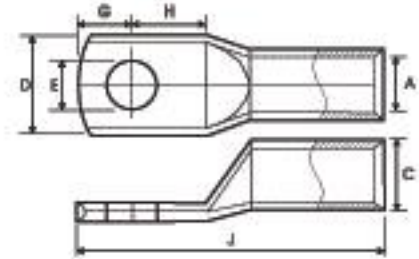
HIGH VOLTAGE COPPER TERMINALS - 33 KV

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



TINNED COPPER TUBULAR CABLE LUGS DOUBLE HOLE



| Cable mm ² | Dimensions | | | | | Product Code |
|--------------------------|------------|------|------|-------|--------|-----------------|
| | E | A | C | B | J | |
| 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 |

COPPER CONNECTORS FOR MV 33KV CABLE LONG BARREL

MATERIAL : E COPPER - FINISH : ELECTRO TINNED



| Cable mm ² | Dimensions | | | Product Code |
|--------------------------|------------|-------|--------|-----------------|
| | A | C | J | |
| 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 |

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.



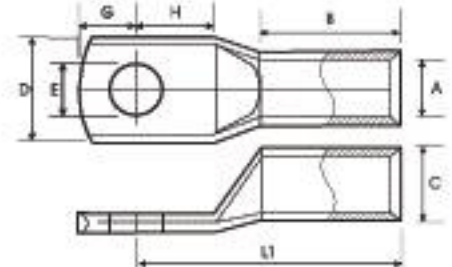
TUBULAR COMPRESSION CABLE LUGS (AS PER DIN 46235)

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

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

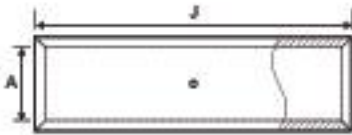
| Cable mm ² | Stud Hole E | Dimensions | | | | | | | Product Code |
|--------------------------|----------------|------------|------|-----|------|------|------|------|-----------------|
| | | D | A | B | C | G | H | L1 | |
| 6 | 5.3 | 8.5 | 3.8 | 10 | 5.5 | 6.5 | 7.5 | 24 | HUTD 6 - 5 |
| 10 | 6.5 | 8.5 | 4.5 | 10 | 6 | 7 | 8.5 | 27.5 | HUTD 10 - 6 |
| 16 | 6.5 | 12 | 5.5 | 20 | 8.5 | 7.5 | 8 | 35 | HUTD 16 - 6 |
| | 8.4 | 12 | 5.5 | 20 | 8.5 | 10 | 10 | 35 | HUTD 16 - 8 |
| | 10.5 | 17 | 5.5 | 20 | 8.5 | 12 | 12 | 37 | HUTD 16 - 10 |
| | 13 | 19 | 5.5 | 20 | 8.5 | 13 | 13 | 37 | HUTD 16 - 12 |
| 25 | 6.5 | 15 | 7 | 20 | 10 | 7.5 | 8 | 39 | HUTD 25 - 6 |
| | 8.4 | 15 | 7 | 20 | 10 | 10 | 10 | 39 | HUTD 25 - 8 |
| | 10.5 | 17 | 7 | 20 | 10 | 12 | 12 | 39 | HUTD 25 - 10 |
| | 13 | 19 | 7 | 20 | 10 | 13 | 13 | 39 | HUTD 25 - 12 |
| 35 | 8.4 | 17 | 8.2 | 20 | 12.5 | 7.5 | 8 | 42 | HUTD 35 - 8 |
| | 10.5 | 19 | 8.2 | 20 | 12.5 | 10 | 10 | 42 | HUTD 35 - 10 |
| | 13 | 21 | 8.2 | 20 | 12.5 | 12 | 12 | 42 | HUTD 35 - 12 |
| 50 | 8.4 | 22 | 10 | 28 | 14.5 | 10 | 10 | 51 | HUTD 50 - 8 |
| | 10.5 | 22 | 10 | 28 | 14.5 | 12 | 12 | 51 | HUTD 50 - 10 |
| | 13 | 23 | 10 | 28 | 14.5 | 13 | 13 | 51 | HUTD 50 - 12 |
| | 17 | 28 | 10 | 28 | 14.5 | 14.5 | 14.5 | 51 | HUTD 50 - 18 |
| 70 | 10.5 | 24 | 11.5 | 28 | 16.5 | 10 | 10 | 54 | HUTD 70 - 10 |
| | 13 | 24 | 11.5 | 28 | 16.5 | 12 | 12 | 54 | HUTD 70 - 12 |
| | 17 | 32 | 11.5 | 28 | 16.5 | 13 | 13 | 54 | HUTD 70 - 16 |
| | 21 | 32 | 11.5 | 28 | 16.5 | 14.5 | 14.5 | 54 | HUTD 70 - 20 |
| 95 | 10.5 | 28 | 13.5 | 35 | 19 | 12 | 12 | 64 | HUTD 95 - 10 |
| | 13 | 28 | 13.5 | 35 | 19 | 12 | 12 | 64 | HUTD 95 - 12 |
| | 17 | 32 | 13.5 | 35 | 19 | 13 | 13 | 67 | HUTD 95 - 16 |
| | 21 | 34 | 13.5 | 35 | 19 | 14.5 | 14.5 | 67 | HUTD 95 - 20 |
| 120 | 10.5 | 32 | 15.5 | 35 | 21 | 15 | 16 | 68 | HUTD 120 - 10 |
| | 13 | 32 | 15.5 | 35 | 21 | 16 | 17 | 68 | HUTD 120 - 12 |
| | 17 | 32 | 15.5 | 35 | 21 | 18 | 19 | 69 | HUTD 120 - 16 |
| | 21 | 38 | 15.5 | 35 | 21 | 19 | 20 | 69 | HUTD 120 - 20 |
| 150 | 10.5 | 34 | 17 | 35 | 23.5 | 15 | 16 | 77 | HUTD 150 - 10 |
| | 13 | 34 | 17 | 35 | 23.5 | 16 | 17 | 77 | HUTD 150 - 12 |
| | 17 | 34 | 17 | 35 | 23.5 | 19 | 20 | 77 | HUTD 150 - 16 |
| | 21 | 40 | 17 | 35 | 23.5 | 19 | 20 | 77 | HUTD 150 - 20 |
| 185 | 10.5 | 37 | 19 | 40 | 25.5 | 15 | 16 | 81 | HUTD 185 - 10 |
| | 13 | 37 | 19 | 40 | 25.5 | 16 | 17 | 81 | HUTD 185 - 12 |
| | 17 | 37 | 19 | 40 | 25.5 | 19 | 20 | 81 | HUTD 185 - 16 |
| | 21 | 40 | 19 | 40 | 25.5 | 19 | 20 | 81 | HUTD 185 - 20 |
| 240 | 10.5 | 42 | 21.5 | 40 | 29 | 16 | 17 | 91 | HUTD 240 - 10 |
| | 13 | 42 | 21.5 | 40 | 29 | 19 | 20 | 91 | HUTD 240 - 12 |
| | 17 | 42 | 21.5 | 40 | 29 | 19 | 20 | 91 | HUTD 240 - 16 |
| | 21 | 46 | 21.5 | 40 | 29 | 21 | 22 | 91 | HUTD 240 - 20 |
| 300 | 13 | 48 | 24 | 50 | 32 | 19 | 22 | 100 | HUTD 300 - 12 |
| | 17 | 48 | 24 | 50 | 32 | 19 | 22 | 100 | HUTD 300 - 16 |
| | 21 | 48 | 24 | 50 | 32 | 22 | 22 | 100 | HUTD 300 - 20 |
| 400 | 17 | 55 | 27.5 | 70 | 38.5 | 25 | 25 | 115 | HUTD 400 - 16 |
| | 21 | 55 | 27.5 | 70 | 38.5 | 25 | 25 | 115 | HUTD 400 - 20 |
| 500 | 21 | 60 | 31 | 70 | 42 | 25 | 25 | 127 | HUTD 500 - 20 |
| 630 | 21 | 60 | 34.5 | 80 | 44 | 25 | 25 | 135 | HUTD 630 - 20 |
| 800 | 21 | 70 | 40 | 100 | 52 | 30 | 30 | 165 | HUTD 800 - 20 |
| 1000 | 21 | 80 | 44 | 100 | 58 | 30 | 30 | 165 | HUTD 1000 - 20 |

Note : All dimensions in mm



COPPER CONNECTORS FOR MV 30KV CABLE LONG BARREL

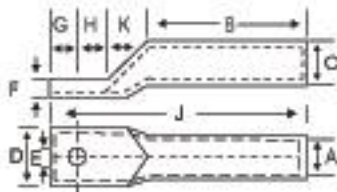
MATERIAL : E COPPER • FINISH : ELECTRO TINNED



| 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.



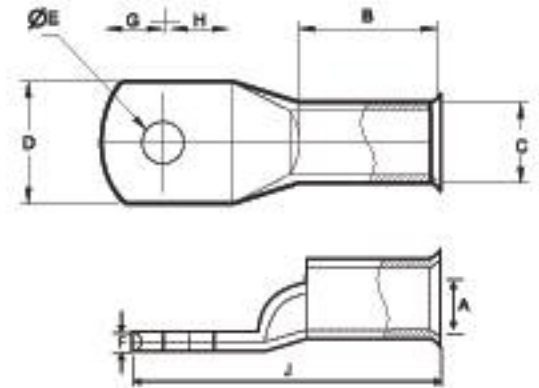
| Cable mm ² | Hoe E | Dimensions | | | | | | | | | Product Code |
|--------------------------|----------|------------|------|------|------|-----|----|----|----|-----|-----------------|
| | | A | C | D | F | B | K | H | G | J | |
| 25 | 8 | 7.2 | 9.6 | 14.0 | 2.4 | 41 | 7 | 12 | 9 | 89 | HAC - 25 |
| 35 | 8 | 8.3 | 11.1 | 16.0 | 2.8 | 50 | 7 | 11 | 11 | 79 | HAC - 35 |
| 50 | 10 | 10.1 | 13.5 | 19.5 | 3.4 | 49 | 8 | 13 | 11 | 81 | HAC - 50 |
| 70 | 10 | 10.2 | 14.5 | 20.5 | 4.3 | 62 | 8 | 13 | 13 | 98 | HAC - 70 |
| 95 | 13 | 12.0 | 16.9 | 23.5 | 4.9 | 73 | 8 | 14 | 14 | 109 | HAC - 95 |
| 120 | 13 | 13.7 | 19.0 | 26.5 | 5.3 | 73 | 11 | 15 | 15 | 114 | HAC - 120 |
| 150 | 13 | 15.1 | 21.1 | 29.5 | 6.1 | 83 | 11 | 17 | 17 | 128 | HAC - 150 |
| 185 | 13 | 16.6 | 23.9 | 33.0 | 7.3 | 83 | 12 | 18 | 18 | 131 | HAC - 185 |
| 225 | 13 | 18.6 | 26.1 | 36.0 | 7.5 | 86 | 14 | 20 | 20 | 140 | HAC - 225 |
| 240 | 13 | 19.3 | 27.2 | 37.5 | 7.9 | 86 | 14 | 22 | 22 | 144 | HAC - 240 |
| 300 | 20 | 21.8 | 30.2 | 42.0 | 8.4 | 89 | 14 | 27 | 27 | 157 | HAC - 300 |
| 400 | 20 | 25.0 | 34.8 | 48.0 | 9.8 | 113 | 13 | 30 | 30 | 187 | HAC - 400 |
| 500 | 20 | 28.2 | 39.1 | 54.0 | 11.0 | 125 | 15 | 32 | 32 | 205 | HAC - 500 |
| 630 | 20 | 31.7 | 44.4 | 61.0 | 13.0 | 140 | 18 | 34 | 34 | 225 | HAC - 625 |
| 800 | 20 | 35.7 | 49.5 | 68.0 | 13.8 | 147 | 25 | 39 | 39 | 250 | HAC - 800 |
| 1000 | 20 | 41.0 | 56.0 | 77.5 | 16.0 | 180 | 30 | 45 | 45 | 280 | HAC - 1000 |

- * PVC Capping & Greasing available on request
- * Other Hole sizes also available on request

CABLE TERMINAL ENDS AS PER AUSTRALIAN STANDARD

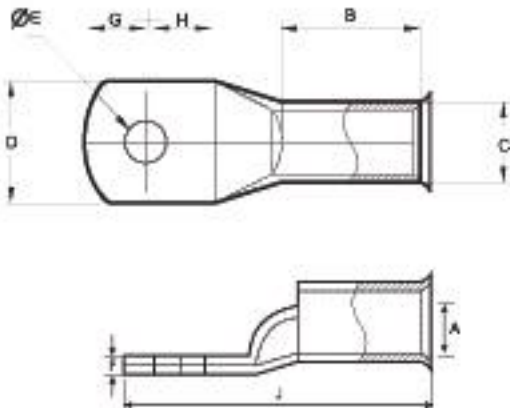
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

| 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

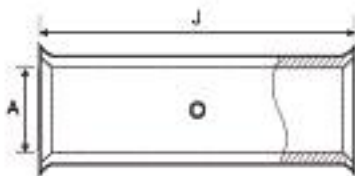
MATERIAL : E - COPPER - FINISH : ELECTRO TINNED



| 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 Mouth Lugs starts from 10 mm² & are upto 300 mm²
Note : All dimensions in mm

CONNECTOR AS PER AUSTRALIAN STANDARD



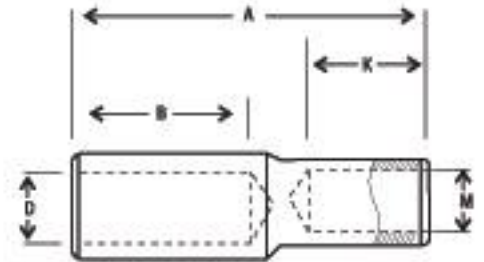
| Cable mm ² | Dimensions | | Product Code |
|-----------------------|------------|-------|--------------|
| | A | J | |
| 2.5 | 2.50 | 22.2 | HAHC - 2.5 |
| 4 | 3.30 | 22.2 | HAHC - 4 |
| 6 | 3.70 | 22.2 | HAHC - 6 |
| 10 | 4.70 | 22.2 | HAHC - 10 |
| 16 | 5.50 | 44.4 | HAHC - 16 |
| 25 | 7.10 | 47.6 | HAHC - 25 |
| 35 | 8.40 | 47.6 | HAHC - 35 |
| 50 | 9.50 | 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 Mouth Lugs starts from 10 mm² & are upto 300 mm²
Note : All dimensions in mm

TINNED COPPER REDUCING LINKS

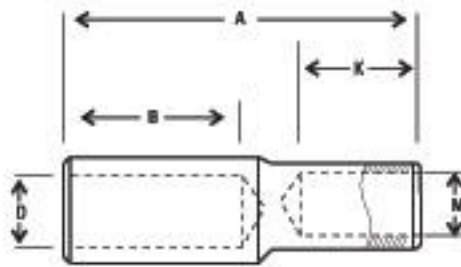
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

| 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

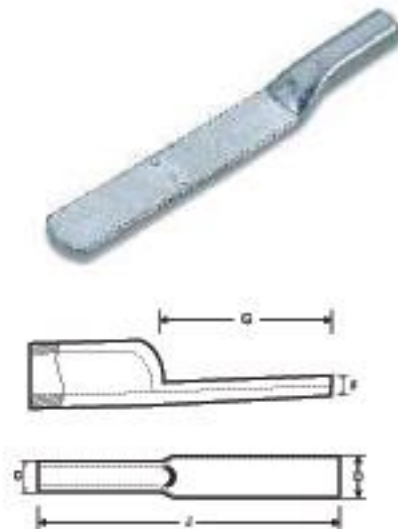
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



| 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

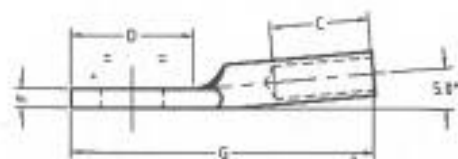
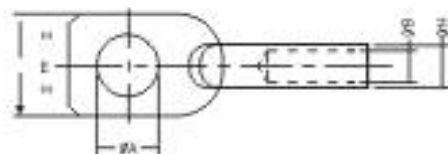
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



| Cable mm ² | Dimensions | | | | | Product Code |
|--------------------------|------------|-----|------|-----|------|-----------------|
| | C | J | D | G | F | |
| 16 | 5.5 | 96 | 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 |

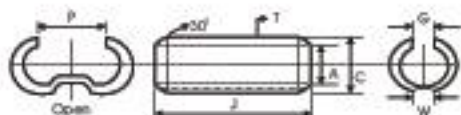
TINNED COPPER FORGED CABLE LUGS

| Cable mm ² | Dimensions | | | | | | | | Product Code |
|--------------------------|------------|------|----|----|----|-----|-----|------|-----------------|
| | A | B | C | D | E | F | G | H | |
| 16 | 8.3 | 5.5 | 30 | 32 | 22 | 4.5 | 80 | 11.5 | HCFL 16 - 8 |
| 16 | 10.3 | 5.5 | 30 | 32 | 22 | 4.5 | 80 | 11.5 | HCFL 16 - 10 |
| 16 | 12.3 | 5.5 | 30 | 32 | 22 | 4.5 | 80 | 11.5 | HCFL 16 - 12 |
| 16 | 16.3 | 5.5 | 30 | 38 | 25 | 4.0 | 85 | 11.5 | HCFL 16 - 16 |
| 25 | 10.3 | 7.0 | 30 | 32 | 22 | 4.5 | 80 | 11.5 | HCFL 25 - 10 |
| 25 | 12.3 | 7.0 | 30 | 32 | 22 | 4.5 | 80 | 11.5 | HCFL 25 - 12 |
| 25 | 16.3 | 7.0 | 30 | 38 | 25 | 4.0 | 85 | 11.5 | HCFL 25 - 16 |
| 35 | 10.3 | 8.5 | 31 | 32 | 22 | 4.5 | 80 | 11.5 | HCFL 35 - 10 |
| 35 | 12.3 | 8.5 | 31 | 32 | 22 | 4.5 | 80 | 11.5 | HCFL 35 - 12 |
| 50 | 10.3 | 9.5 | 33 | 32 | 25 | 5.0 | 80 | 12.7 | HCFL 50 - 10 |
| 50 | 12.3 | 9.5 | 33 | 32 | 25 | 5.0 | 80 | 12.7 | HCFL 50 - 12 |
| 50 | 16.3 | 9.5 | 33 | 38 | 28 | 4.5 | 90 | 12.7 | HCFL 50 - 16 |
| 50 | 18.3 | 9.5 | 33 | 38 | 28 | 4.5 | 90 | 12.7 | HCFL 50 - 18 |
| 70 | 10.3 | 11.0 | 36 | 38 | 27 | 6.0 | 90 | 14.5 | HCFL 70 - 10 |
| 70 | 12.3 | 11.0 | 36 | 38 | 27 | 6.0 | 90 | 14.5 | HCFL 70 - 12 |
| 70 | 20.3 | 11.0 | 36 | 38 | 30 | 5.5 | 90 | 14.5 | HCFL 70 - 20 |
| 95 | 10.3 | 13.5 | 40 | 42 | 36 | 6.5 | 100 | 17.3 | HCFL 95 - 10 |
| 95 | 16.3 | 13.5 | 40 | 42 | 36 | 6.5 | 100 | 17.3 | HCFL 95 - 16 |
| 95 | 18.3 | 13.5 | 40 | 42 | 36 | 6.5 | 100 | 17.3 | HCFL 95 - 18 |
| 95 | 20.3 | 13.5 | 40 | 42 | 36 | 6.5 | 100 | 17.3 | HCFL 95 - 20 |



SOLDERING TYPE COPPER WEAK BACK FERRULES

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

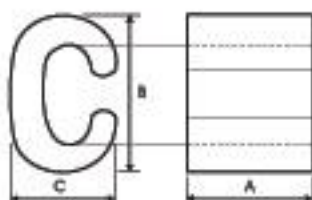


| Cable mm ² | Dimensions | | | | | | Product Code |
|--------------------------|------------|------|---|-----|----|-----|-----------------|
| | A | C | G | J | P | W | |
| 6 | 3.0 | 4.6 | 2 | 20 | 3 | - | HWB - 6 |
| 10 | 4.4 | 6.0 | 2 | 25 | 4 | - | HWB - 10 |
| 16 | 5.5 | 7.5 | 2 | 25 | 5 | 1.5 | 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 |

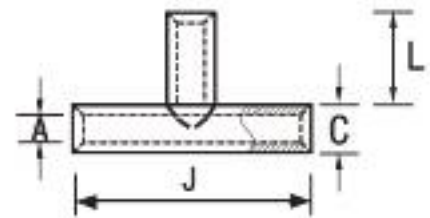
- * Add 'T' for Tinned Connectors
- * Note : All dimensions in mm

T - CONNECTORS

- Standard type
- Material : E - Copper
- Finish : Copper / Tin Plated

| 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

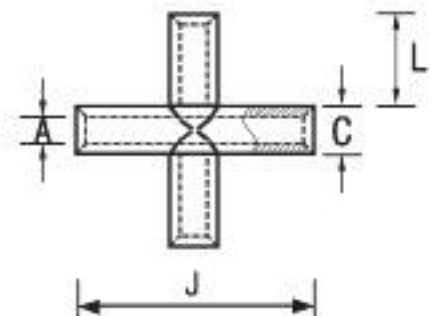


CROSS-CONNECTORS

- Standard type
- Material: E - Copper
- Finish : Copper / Tin Plated

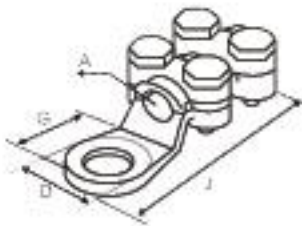
| Cable mm ² | Dimensions | | | | Product Code |
|--------------------------|------------|------|-----|----|-----------------|
| | A | C | J | L | |
| 1.5 | 1.8 | 3.3 | 30 | 12 | HCCW-1.5 |
| 2.5 | 2.3 | 4.2 | 30 | 12 | HCCW-2.5 |
| 4 | 3.0 | 5.0 | 30 | 12 | HCCW-4 |
| 6 | 4.0 | 6.0 | 35 | 14 | HCCW-6 |
| 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 | 96 | 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





TYPE I



TYPE II

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

TINNED SCREW SLEEVES

MATERIAL : BRASS • FINISH : ELECTRO TINNED



| 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 | 106 | 59 | HBT 120-12 |
| 150 | 15.5 | 25 | 30 | 12.8 | 106 | 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 ø 9 | 196 | 95 | HBT 500-16 |
| 630* | 33.5 | 47 | 60X60 | 4 ø 9 | 196 | 95 | HBT 630-4 X 9 |
| 800* | 37.5 | 53 | 80X80 | 4 ø 9 | 232 | 100 | HBT 800-4 X 9 |
| 1000* | 42 | 60 | 80X80 | 4 ø 9 | 256 | 126 | HBT 1000-4 X 9 |
| 1300* | 46.5 | 65 | 80X80 | 4 ø 11 | 267 | 136 | HBT 1300-4 X 11 |

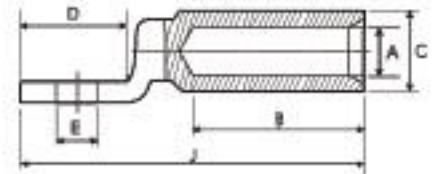
* Square Palm

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.

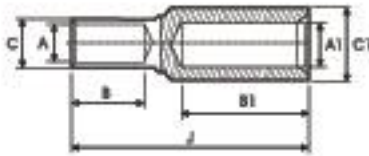
Construction : Forged circular Copper palm is friction welded to an EC grade aluminium circular barrel thus achieving the best possible transition.

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 | 5.5 | 21.0 | 11.0 | 13.0 | 77.0 | HAT 16 - 8 |
| 25 | 8 | 6.5 | 21.0 | 11.0 | 13.0 | 77.0 | HAT 25 - 8 |
| 35 | 8 | 8.0 | 23.0 | 11.0 | 13.0 | 77.5 | HAT 35 - 8 |
| | 10 | 8.0 | 23.0 | 11.0 | 13.0 | 77.5 | HAT 35 - 10 |
| 50 | 12 | 9.0 | 26.0 | 14.0 | 16.0 | 91.0 | HAT 50 - 12 |
| | 14 | 9.0 | 26.0 | 16.0 | 18.0 | 95.0 | HAT 50 - 14 |
| 70 | 12 | 11.0 | 27.0 | 14.0 | 16.0 | 91.0 | HAT 70 - 12 |
| | 14 | 11.0 | 27.0 | 16.0 | 18.0 | 95.0 | HAT 70 - 14 |
| 95 | 12 | 12.5 | 27.0 | 14.0 | 16.0 | 91.0 | HAT 95 - 12 |
| | 14 | 12.5 | 27.0 | 16.0 | 18.0 | 95.0 | HAT 95 - 14 |
| 120 | 12 | 13.7 | 35.0 | 14.0 | 16.0 | 115.0 | HAT 120 - 12 |
| | 14 | 13.7 | 35.0 | 16.0 | 18.0 | 119.0 | HAT 120 - 14 |
| 150 | 12 | 15.5 | 34.0 | 14.0 | 16.0 | 115.0 | HAT 150 - 12 |
| | 14 | 15.5 | 34.0 | 16.0 | 18.0 | 119.0 | HAT 150 - 14 |
| 185 | 12 | 17.0 | 42.0 | 14.0 | 20.0 | 122.0 | HAT 185 - 12 |
| | 14 | 17.5 | 42.0 | 16.0 | 22.0 | 126.0 | HAT 185 - 14 |
| 240 | 12 | 19.5 | 44.0 | 14.0 | 20.0 | 122.0 | HAT 240 - 12 |
| | 14 | 19.5 | 44.0 | 16.0 | 22.0 | 126.0 | HAT 240 - 14 |
| 300 | 12 | 22.5 | 47.0 | 14.0 | 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

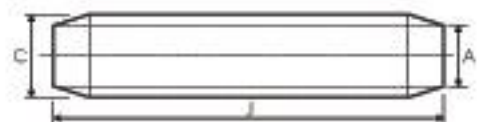
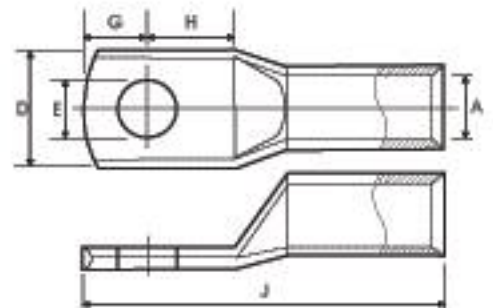
MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM

Connectors are fully PVC insulated.

| 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 | Bolt | Dimensions | | | | | Product Code |
|--------------------------|----------------|------|------------|----|----|----|-----|-----------------|
| | | | 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.

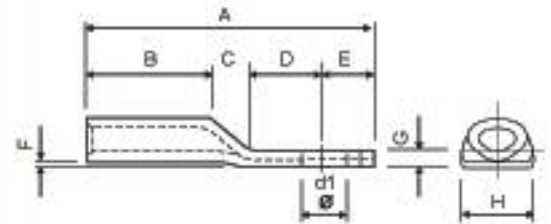
Note : All dimensions in mm

- 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

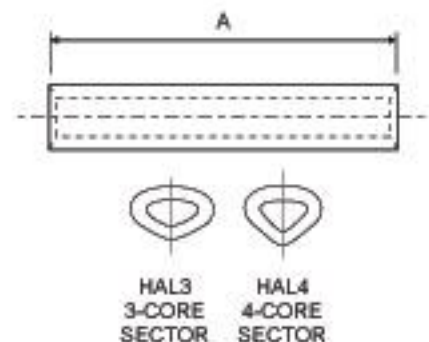
| Cable mm ² | Stud Ø | Dimensions | | | | | | | | Product Code | |
|--------------------------|-----------|------------|------|------|------|----|-----|-----|------|-----------------|-------------|
| | | A | B | C | D | E | F | G | H | | d10 |
| 25 | 8 | | | | | | | 4.1 | 15.2 | 8.4 | HAL3 25-8 |
| | 10 | 65 | 25 | 8 | 17 | 12 | 1 | | | 10.4 | HAL3 25-10 |
| | 12 | | | | | | | 2.9 | 21 | 12.5 | HAL3 25-12 |
| 35 | 8 | | | | | | | 4.4 | 17.6 | 8.4 | HAL3 35-8 |
| | 10 | 68 | 30 | 8 | 17 | 12 | 1 | | | 10.4 | HAL3 35-10 |
| | 12 | | | | | | | 3.6 | 21 | 12.5 | HAL3 35-12 |
| 50 | 10 | | | | | | | 4.5 | 20.3 | 8.4 | HAL3 10-50 |
| | 12 | 71 | 32 | 10 | 17 | 12 | 1 | | | 10.4 | HAL3 12-50 |
| | 16 | | | | | | | 2.9 | 21 | 12.5 | HAL3 16-50 |
| 70 | 10 | | | | | | | 5 | 23.2 | 10.4 | HAL3 10-70 |
| | 12 | 75 | 35.5 | 11 | 17 | 12 | 1 | | | 12.5 | HAL3 12-70 |
| | 16 | | | | | | | 4.6 | 26 | 16.5 | HAL3 16-70 |
| 95 | 10 | | | | | | | | | 10.4 | HAL3 10-95 |
| | 12 | 82 | 39 | 14 | 17 | 12 | 1.5 | 5.7 | 27.7 | 12.5 | HAL3 12-95 |
| | 16 | | | | | | | | | 16.5 | HAL3 16-95 |
| 120 | 12 | | | | | | | | | 10.4 | HAL3 12-120 |
| | 16 | 88 | 44 | 15 | 17 | 12 | 1.5 | 6.5 | 31 | 12.5 | HAL3 16-120 |
| | 20 | | | | | | | | | 16.5 | HAL3 20-120 |
| 150 | 12 | | | | | | | | | 12.4 | HAL3 12-150 |
| | 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 |
| 185 | 12 | | | | | | | | | 12.4 | HAL3 12-185 |
| | 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

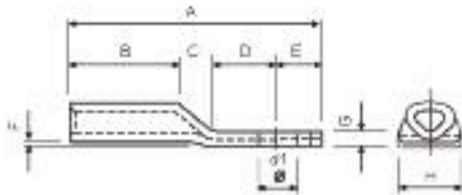
MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM

| 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 | — | — | — |

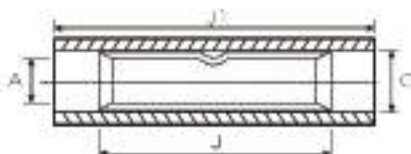


ALUMINIUM 4-CORE SECTOR CABLE LUGS

MATERIAL : ALUMINIUM • FINISH : NATURAL / PASSIVATED ALUMINIUM



| Cable mm ² | Stud Ø | Dimensions | | | | | | | | | Product Code |
|--------------------------|-----------|------------|-------|------|------|----|-----|-----|------|------|-----------------|
| | | A | B | C | D | E | F | G | H | d10 | |
| 25 | 8 | | | | | | | 4.1 | 15.2 | 8.4 | HAL4-8-25 |
| | 10 | 65 | 25 | 8 | 17 | 12 | 1 | | | 10.4 | HAL4-10-25 |
| | 12 | | | | | | | 2.9 | 21 | 12.5 | HAL4-12-25 |
| 35 | 8 | | | | | | | 4.4 | 17.6 | 8.4 | HAL4-8-35 |
| | 10 | 68 | 30 | 8 | 17 | 12 | 1 | | | 10.4 | HAL4-10-35 |
| | 12 | | | | | | | 3.6 | 21 | 12.5 | HAL4-12-35 |
| 50 | 10 | | | | | | | 4.5 | 20.3 | 8.4 | HAL4-10-50 |
| | 12 | 71 | 32 | 10 | 17 | 12 | 1 | | | 10.4 | HAL4-12-50 |
| | 16 | | | | | | | 2.9 | 21 | 12.5 | HAL4-16-50 |
| 70 | 10 | | | | | | | 5 | 23.2 | 10.4 | HAL4-10-70 |
| | 12 | 76 | 35.5 | 11 | 17 | 12 | 1 | | | 12.5 | HAL4-12-70 |
| | 16 | | | | | | | 4.6 | 26 | 16.5 | HAL4-16-70 |
| 96 | 10 | | | | | | | | | 10.4 | HAL4-10-96 |
| | 12 | 82 | 39 | 14 | 17 | 12 | 1.5 | 5.7 | 27.7 | 12.5 | HAL4-12-96 |
| | 16 | | | | | | | | | 16.5 | HAL4-16-96 |
| 120 | 12 | | | | | | | | | 10.4 | HAL4-12-120 |
| | 16 | 88 | 44 | 15 | 17 | 12 | 1.5 | 6.5 | 31 | 12.5 | HAL4-16-120 |
| | 20 | | | | | | | | | 16.5 | HAL4-20-120 |
| 150 | 12 | | | | | | | | | 12.4 | HAL4-12-150 |
| | 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 |
| 185 | 12 | | | | | | | | | 12.4 | HAL4-12-185 |
| | 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 |



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 |

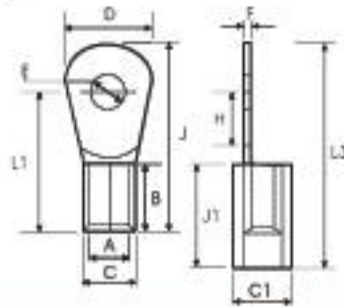
Note : All dimensions in mm

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 | 25.5 | 7.1 | HRI - 7094 |
| | 9.7 | 3.5 | 5.5 | 14 | 1 | 6 | 10.5 | 18.5 | 25.5 | HR - 7021 | 14 | 25.5 | 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 | | | | |

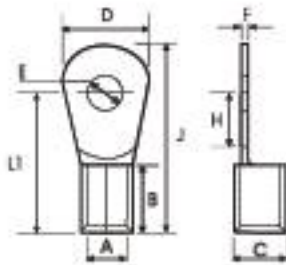
Note : All dimensions in mm



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 |

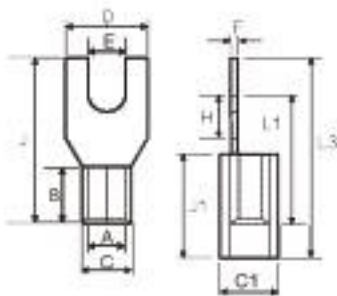
Note : All dimensions in mm

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

MATERIAL : E - COPPER - FINISH : ELECTRO TINNED

COLOUR CODING OF INSULATION SLEEVE

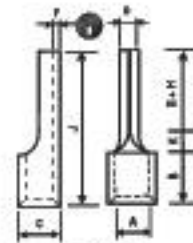
1.5 - RED, 2.5 - BLUE, 4 - 6 - YELLOW



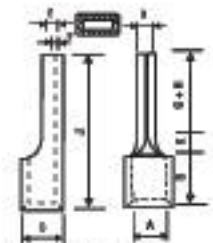
| Cable mm ² | Stud Hole E | Dimensions | | | | | | | | Non Insulated Product Code | Dimensions | | | Insulated Product Code |
|--------------------------|----------------|------------|-----|------|-----|-----|-----|----|------|-------------------------------|------------|----|------|---------------------------|
| | | 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

| Cable mm ² | Stud Hole E | 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 | 2.4 | 4.5 | 6.7 | 4.3 | 1.1 | 8 | 12 | 22 | II | HP - 7 | |
| 16 | 2.6 | 5.8 | 8.2 | 5.5 | 1.2 | 10 | 13 | 26 | II | HP - 8 | |
| 25 | 3.8 | 7.5 | 11.1 | 7.2 | 1.8 | 11 | 15 | 33 | II | HP - 10 | |
| 35 | 3.8 | 9 | 12.6 | 8.2 | 1.8 | 12 | 15 | 33 | II | HP - 11 | |
| 50 | 3.8 | 10.5 | 14.1 | 9 | 1.8 | 16 | 17 | 41 | II | HP - 12 | |
| 70 | 4.1 | 12 | 16 | 10 | 2 | 16 | 16 | 46 | II | HP - 13 | |
| 95 | 4.8 | 13.5 | 18.1 | 10 | 2.3 | 20 | 20 | 51 | II | HP - 14 | |



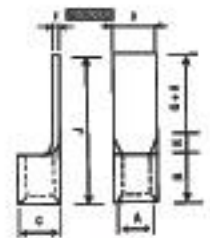
TYPE I



TYPE II

COPPER BLADE TYPE / CABLE TERMINAL ENDS

| Cable mm ² | Stud Hole E | 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 | 6.4 | 12.4 | 20.4 | HP - 15 | |

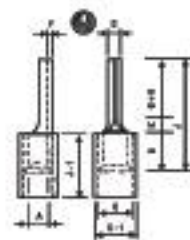


TYPE III

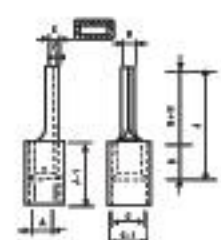
COPPER INSULATED PIN TYPE CABLE TERMINAL ENDS

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

| Cable mm ² | Stud Hole E | Dimensions | | | | | | | | | | TYPE | Product Code |
|--------------------------|----------------|------------|-----|-----|-----|----|----|-----|-----|----|----|----------|-----------------|
| | | A | C | D | F | G | B | G+H | C1 | J1 | | | |
| 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 | HP - 20 | |
| 6 | - | 3.6 | 5.6 | 2.7 | 1 | 6 | 10 | 20 | 7.1 | 14 | I | HP - 22 | |
| 6 | - | 4 | 6 | 2.7 | 1 | 6 | 10 | 20 | 7.9 | 14 | I | HP - 23 | |
| 10 | 2.4 | 4.5 | 6.7 | 4.3 | 1.1 | 8 | 12 | 22 | 7.9 | 16 | II | HP - 24 | |
| 16 | 2.6 | 5.8 | 8.2 | 5.5 | 1.2 | 10 | 13 | 26 | 10 | 20 | II | HP - 25 | |



TYPE I

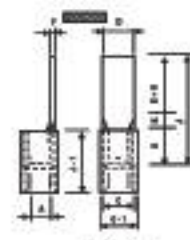


TYPE II

COPPER INSULATED FLAT TYPE CABLE TERMINAL ENDS

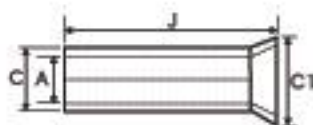
COLOUR CODING OF INSULATION SLEEVE 1.5 - RED, 2.5 - BLUE, 4 - 6 - YELLOW

| Cable mm ² | Stud Hole E | Dimensions | | | | | | | | | | Product Code |
|--------------------------|----------------|------------|-----|-----|-----|---|----|-----|-----|----|----------|-----------------|
| | | A | C | D | F | G | B | G+H | C1 | J1 | | |
| 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 | |



TYPE III





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

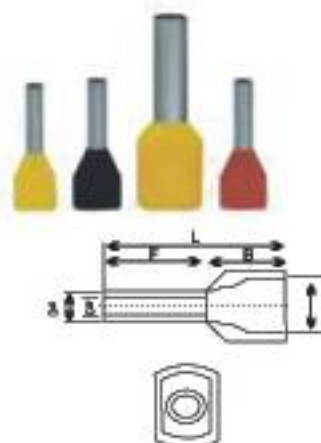
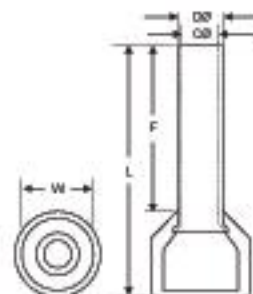
MATERIAL : E - COPPER • FINISH : ELECTRO TINNED

| Colour of Insulation | Cable mm ² | Dimensions | | | | | Product Code |
|----------------------|-----------------------|------------|------|------|------|------|--------------|
| | | F | L | W | DB | CB | |
| 0.5 | White | 6.0 | 12.0 | 2.6 | 1.3 | 1.0 | HE0506 |
| | | 8.0 | 14.0 | | | | HE0508 |
| | | 10.0 | 16.4 | | | | HE0510 |
| | | 12.0 | 18.4 | | | | HE0512 |
| 0.75 | Blue | 8.0 | 12.4 | 2.6 | 1.5 | 1.2 | HE7506 |
| | | 8.0 | 14.4 | | | | HE7508 |
| | | 10.0 | 16.4 | | | | HE7510 |
| | | 12.0 | 18.4 | | | | HE7512 |
| 1.0 | Red | 6.0 | 12.0 | 3.0 | 1.7 | 1.4 | HE1006 |
| | | 8.0 | 14.0 | | | | HE1008 |
| | | 10.0 | 16.0 | | | | HE1010 |
| | | 12.0 | 18.0 | | | | HE1012 |
| 1.5 | Black | 8.0 | 14.6 | 3.5 | 2.0 | 1.7 | HE1508 |
| | | 10.0 | 16.4 | | | | HE1510 |
| | | 12.0 | 18.4 | | | | HE1512 |
| | | 18.0 | 24.4 | | | | HE1518 |
| 2.5 | Grey | 8.0 | 15.2 | 4.0 | 2.6 | 2.3 | HE2508 |
| | | 10.0 | 17.2 | | | | HE2510 |
| | | 12.0 | 19.2 | | | | HE2512 |
| | | 18.0 | 25.2 | | | | HE2518 |
| 4.0 | Orange | 9.0 | 16.5 | 4.4 | 3.2 | 2.8 | HE4009 |
| | | 12.0 | 19.5 | | | | HE4012 |
| | | 18.0 | 25.5 | | | | HE4018 |
| 6.0 | Green | 10.0 | 18.0 | 6.3 | 3.9 | 3.5 | HE6010 |
| | | 12.0 | 20.0 | | | | HE6012 |
| | | 18.0 | 26.0 | | | | HE6018 |
| 10.0 | Brown | 12.0 | 21.5 | 7.6 | 4.9 | 4.5 | HE10-12 |
| | | 18.0 | 27.5 | | | | HE10-18 |
| 16.0 | White | 12.0 | 22.2 | 8.8 | 6.2 | 5.8 | HE16-12 |
| | | 18.0 | 28.2 | | | | HE16-18 |
| 25.0 | Brown | 16.0 | 29.0 | 11.2 | 7.9 | 7.5 | HE25-16 |
| | | 22.0 | 35.0 | | | | HE25-22 |
| 35.0 | White | 16.0 | 30.0 | 12.7 | 8.7 | 8.3 | HE35-16 |
| | | 25.0 | 39.0 | | | | HE35-25 |
| 50.0 | Olive | 20.0 | 36.0 | 15.3 | 10.9 | 10.3 | HE50-20 |
| | | 25.0 | 41.0 | | | | HE50-25 |

Note : All dimensions in mm

TWIN END SEALING FERRULES

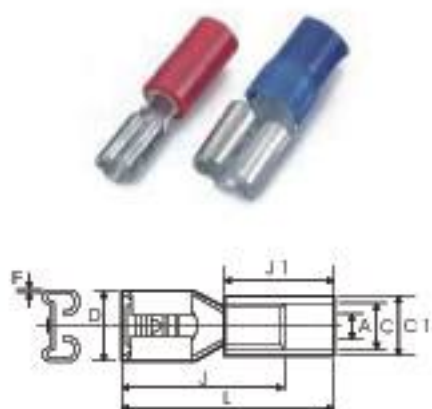
| Colour of Insulation | Cable mm ² | Dimensions | | | | | | Product Code |
|----------------------|-----------------------|------------|------|------|------|-----|-----|--------------|
| | | F | L | W | B | D | C | |
| White | 2 x 0.50 | 8.0 | 14.5 | 5.0 | 6.5 | 1.8 | 1.5 | HTSFI 0508 |
| | 2 x 0.75 | 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



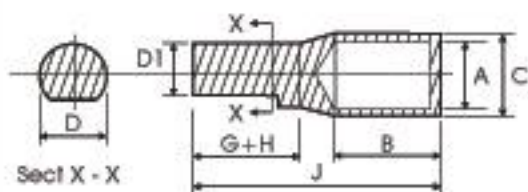
| Cable mm ² | Dimensions | | | | | | | | Product Code |
|--------------------------|------------|----|-----|-----|-----|----|----|-----|-----------------|
| | D | J | A | C | F | J1 | L | C1 | |
| 1.5 | 6.6 | 16 | 2.4 | 3.2 | 0.4 | - | - | - | HSP - 8351 |
| 1.5 | 6.6 | 16 | 2.4 | 3.2 | 0.4 | 10 | 21 | 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 | 15.8 | 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 | 15.8 | 14 | 46 | 32 | 90 | HPC - 48 |

LINE TAPS / SPLIT BOLTS

MATERIAL : BRASS - FINISH : COPPER/TINNED

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 - OZ 112. Threads are formed by rolling process giving the nut extra clamping force. Pressure pads are made from extruded brass (not cast), preventing the pads from cracking. Brass line taps are manufactured in polished natural brass with electro-tinned finish. They are also supplied in high conductivity copper.

| Size | J | C | B ø/F | D ø/F | F |
|---------------------|-------|-------|-------|-------|-------|
| 8 mm ² | 24.00 | 3.20 | 10.00 | 17.70 | 5.50 |
| 10 mm ² | 27.30 | 3.30 | 10.70 | 18.00 | 5.80 |
| 16 mm ² | 27.30 | 5.50 | 12.70 | 19.00 | 5.80 |
| 25 mm ² | 28.90 | 6.90 | 13.00 | 19.00 | 6.30 |
| 35 mm ² | 34.80 | 8.10 | 15.00 | 24.00 | 7.10 |
| 50 mm ² | 42.00 | 8.90 | 17.00 | 27.30 | 8.90 |
| 70 mm ² | 47.20 | 11.17 | 23.00 | 30.00 | 9.40 |
| 95 mm ² | 53.00 | 14.00 | 25.40 | 34.30 | 9.90 |
| 120 mm ² | 59.00 | 15.00 | 30.00 | 35.50 | 12.20 |
| 160 mm ² | 59.00 | 18.00 | 30.00 | 38.30 | 12.30 |
| 185 mm ² | 59.00 | 18.00 | 32.00 | 38.10 | 12.50 |
| 240 mm ² | 75.30 | 22.20 | 38.30 | 44.25 | 14.50 |
| 300 mm ² | 78.00 | 23.00 | 39.00 | 48.25 | 14.50 |
| 400 mm ² | 78.50 | 28.00 | 49.00 | 59.00 | 16.00 |
| 500 mm ² | 80.00 | 30.00 | 55.00 | 66.00 | 16.00 |

SPLIT BOLT CONNECTOR WITH ROUND HEAD

HEX has a complete range of split bolts that are used for joining castal 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. They can be supplied in natural copper alloy or electro-tinned.

Technical Data:

Conductive Material

Copper alloy

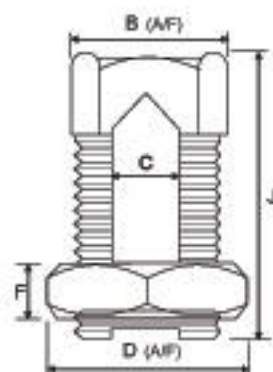
Operating Temperature

-50°C to 100°C

Electroplating Material

Tin 99.7% pure

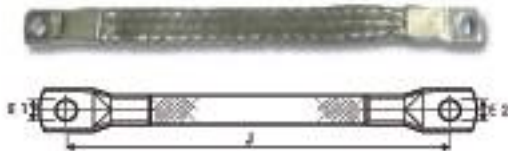
| Natural Brass | Electro Tinned | Max Cond. Size (mm ²) | Slot Width mm ² | Cross Reference |
|---------------|----------------|-----------------------------------|----------------------------|-----------------|
| HSBC12 | HSBC12T | 25 | 6.6 | - |
| HSBC22 | HSBC22T | 16 | 5.3 | Type A |
| HSBC24 | HSBC24T | 35 | 8.3 | Type B |
| HSBC25 | HSBC25T | 70 | 10.9 | Type C |
| HSBC26 | HSBC26T | 95 | 12.9 | Type D |
| HSBC28 | HSBC28T | 185 | 18.5 | Type E |



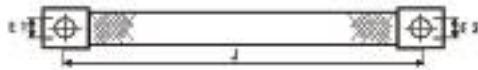
TINNED COPPER FLEXIBLE BRAIDS -

CRIMPED with CONNECTORS / TERMINALS

MATERIAL : E - COPPER • FINISH : ELECTRO TINNED



HFT- crimped with lugs



HFC- crimped with connectors

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

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

INSULATED SCREW CONNECTORS

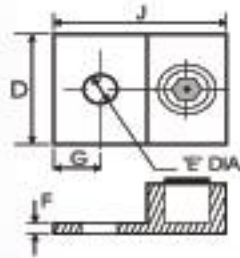
Body : PVC Connections : Brass Voltage : 240/415V Amperage : 32A

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 |



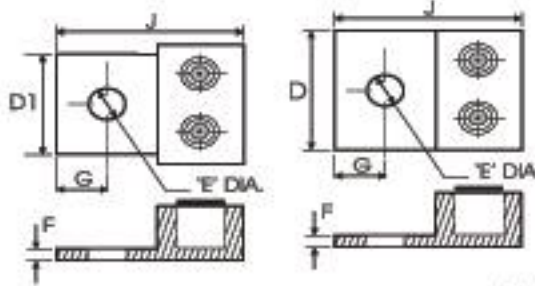


ALUMINIUM SINGLE BARREL CONNECTOR, ONE HOLE MOUNT

MATERIAL : ALUMINIUM • FINISH : ELECTRO TINNED

| Cable mm ² | Stud Hole E | Dimensions | | | | | Product Code |
|--------------------------|----------------|--------------|--------------|--------------|------|--------------|-----------------|
| | | J | D | G | E | F | |
| 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

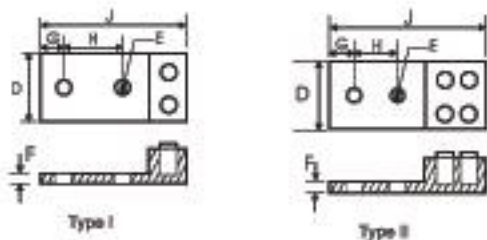


MATERIAL : ALUMINIUM • FINISH : ELECTRO TINNED

| Cond. Ram. (Al. or Cu.) | | Dimensions | | | | | | Product Code |
|-------------------------|-----------|--------------|--------------|--------------|-----|--------------|-------------|-----------------|
| Max. | Min. | J | D | G | E | F | D1 | |
| 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

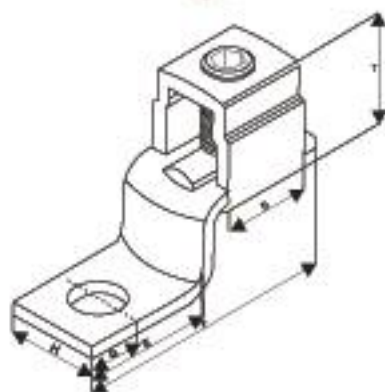
MATERIAL : ALUMINIUM • FINISH : ELECTRO TINNED

| Conductor Range | | Stud Hole | Dimensions | | | | | Product Code |
|-----------------|-----------|-----------|------------------|-----------------|-----------------|-----------------|-----------------|--------------|
| Max. | Min. | | J | D | F | G | H | |
| 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 | K | H | T | |
| 10-14 | Slotted | 26 | 12 | 7 | 5.3 | 6.5 | 7.95 | 9.5 | HUL 25 |
| 6-14 & List | | | | | | | | | |
| Comb. (A) | Slotted | 31.5 | 15 | 11 | 5.6 | 11 | 9.5 | 12.3 | HUL 35 |
| 2-8 & List | | | | | | | | | |
| Comb. (B) | Slotted | 39.5 | 20.5 | 12.7 | 6.35 | 14.2 | 12 | 16.3 | HUL 70 |
| 1 / 0-6 | Slotted | 50.5 | 26 | 15.5 | 10.75 | 19 | 15.85 | 23.3 | HUL 125 |
| 3 / 0-4 | 3/16" | 56 | 30 | 18 | 11 | 20 | 19 | 26.5 | HUL 175 |
| 4 / 0-2 | 7/32" | 65 | 33.8 | 24.5 | 13 | 26 | 25.2 | 29.75 | HUL 225 |
| 350 MCM | | | | | | | | | |
| 1 AWG | 8 mm | 72 | 34 | 31 | 13.10 | 26.2 | 25.2 | 35.7 | HUL 300 |
| *500 MCM | | | | | | | | | |
| - 1/0 | 8 mm | 104 | 56.5 | 36 | 23 | 35.5 | 38 | 41 | HUL 400 |
| *1000 MCM | | | | | | | | | |
| -600 MCM | 3/8" | 123 | 62 | 57 | 28.5 | 42 | 50 | 59 | HUL 650 |

* U.L. under process

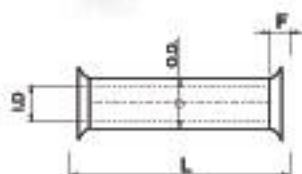
(A) - U.L. Listed wire combinations: (2) #10, (2) #12, (2) #14, (1) #12 and (1) #14, (1) #10 and (1) #12

(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



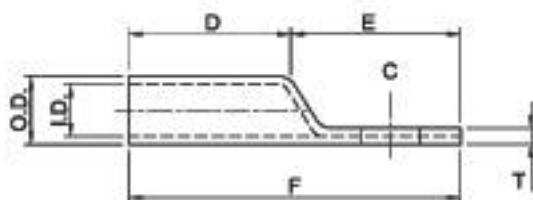
| Wire Size | Dimensions | | | | Product Code |
|-----------|------------|-------|-------|------|--------------|
| | I.D. | O.D. | L | F | |
| 8 | 4.72 | 6.35 | 27.94 | 2.54 | HBC - T8 |
| 6 | 5.89 | 7.92 | 29.21 | 2.54 | HBC - T6 |
| 4 | 7.14 | 9.04 | 30.99 | 2.54 | HBC - T3 |
| 2 | 8.43 | 10.67 | 34.04 | 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

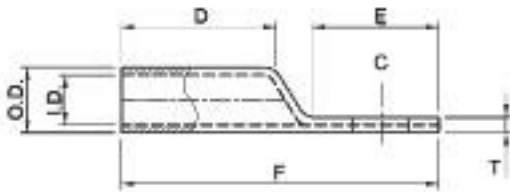


| Wire Size | Bolt Size | Colour Code | Dimensions | | Product Code |
|-----------|-----------|-------------|------------|---------|--------------|
| | | | D | F | |
| 8 | #10 | RED | 7/16 | 1-1/8 | HCRA-8 |
| 6 | #10 | BLUE | 13/16 | 1-1/2 | HCRA-6 |
| 6 | 1/4 | BLUE | 13/16 | 1-1/2 | HCRA-6 |
| 4 |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

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



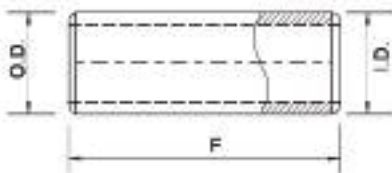
COPPER COMPRESSION LUGS - LONG BARREL



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



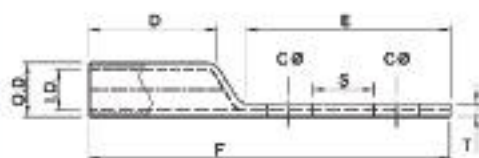
| Wire Size | Colour | Dimensions | | | Product Code |
|-----------|--------|------------|-----------|-----------|--------------|
| | | F | O.d Inch. | L.d Inch. | |
| 8 | RED | 1-3/4 | 9/32 | 11/64 | HCTL-8 |
| 6 | BLUE | 2-3/8 | 19/64 | 13/64 | HCTL-6 |
| 4 | GRAY | 2-3/8 | 11/32 | 1/4 | HCTL-4 |
| 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 |



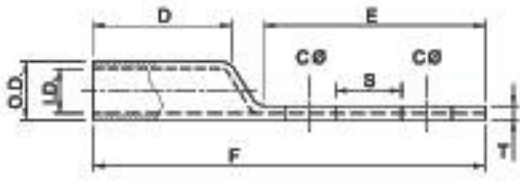
COPPER COMPRESSION LUGS - LONG BARREL, 2 HOLES



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



COPPER COMPRESSION LUGS - LONG BARREL, 2 HOLES



| Wire Size | Bolt Size | Colour Code | Dimensions D | Product Code |
|-----------|-----------|-------------|--------------|-------------------|
| 6 | 1/4(2) | BLUE | 1-1/8 | HCRB-6L2 |
| 6 | #10(2) | BLUE | 1-1/8 | HCRA-6L2-10-34 |
| 6 | 1/4(2) | BLUE | 1-1/8 | HCRB-6L2-14-58 |
| 6 | 1/4(2) | BLUE | 1-1/8 | HCRA-6L2-14-34 |
| 6 | 1/4(2) | BLUE | 1-1/8 | HCRA-6L2-14-1 |
| 6 | 5/16(2) | BLUE | 1-1/8 | HCRB-6L2-516-1 |
| 6 | 3/8(2) | BLUE | 1-1/8 | HCRB-6L2-38-34 |
| 6 | 3/8(2) | BLUE | 1-1/8 | HCRB-6L2-38-78 |
| 6 | 3/8(2) | BLUE | 1-1/8 | HCRB-6L2-38-1 |
| 4 | 1/4(2) | BLUE | 1-1/8 | HCRB-4L2 |
| 4 | 1/2(2) | GRAY | 1-1/8 | HCRC-4L2 |
| 4 | #10(2) | GRAY | 1-1/8 | HCRA-4L2-10-34 |
| 4 | 1/4(2) | GRAY | 1-1/8 | HCRB-4L2-14-58 |
| 4 | 1/4(2) | GRAY | 1-1/8 | HCRA-4L2-14-34 |
| 4 | 1/4(2) | GRAY | 1-1/8 | HCRA-4L2-14-1 |
| 4 | 5/16(2) | GRAY | 1-1/8 | HCRA-4L2-516-58 |
| 4 | 5/16(2) | GRAY | 1-1/8 | HCRA-4L2-516-34 |
| 4 | 5/16(2) | GRAY | 1-1/8 | HCRA-4L2-516-1 |
| 4 | 3/8(2) | GRAY | 1-1/8 | HCRB-4L2-38-34 |
| 4 | 3/8(2) | GRAY | 1-1/8 | HCRB-4L2-38-1 |
| 4 | 1/2(2) | GRAY | 1-1/8 | HCRB-4L2-12-134 |
| 3 | 1/4(2) | WHITE | 1-1/8 | HCRA-3L2 |
| 3 | 3/8(2) | WHITE | 1-1/8 | HCRA-3L2 |
| 2/0 | 1/2(2) | BLACK | 1-1/2 | HCRA-2/0L2 |
| 3/0 | 1/2(2) | ORANGE | 1-1/2 | HCRB-3/0L2 |
| 4/0 | 1/2(2) | PURPLE | 1-5/8 | HCRB-4/0L2 |
| 250MCM | 1/2(2) | YELLOW | 1-5/8 | HCRA-250L2 |
| 250MCM | 3/8(2) | YELLOW | 1-5/8 | HCRA-250L2-38-1 |
| 250MCM | 3/8(2) | YELLOW | 1-5/8 | HCRA-250L2-38-134 |
| 300MCM | 1/2(2) | WHITE | 2 | HCRA-300L2 |
| 350MCM | 1/2(2) | RED | 2 | HCRA-350L2 |
| 400MCM | 1/2(2) | BLUE | 2-1/8 | HCRA-400L2 |
| 500MCM | 1/2(2) | BROWN | 2-1/4 | HCRA-500L2 |
| 600MCM | 1/2(2) | GREEN | 2-1/4 | HCRA-600L2 |
| *700MCM | 1/2(2) | PINK | 2-1/4 | HCRA-700L2 |
| *750MCM | 1/2(2) | BLACK | 2-7/8 | HCRA-750L2 |
| *1000MCM | 1/2(2) | WHITE | 3 | HCRA-1000L2 |

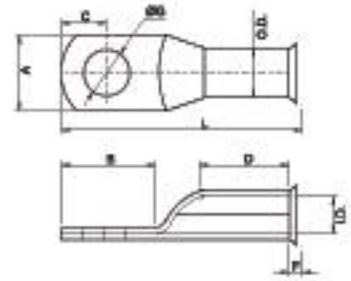
*Wire Size 700MCM, 750MCM & 1000MCM UL under process

COPPER STANDARD WALL STARTER TERMINAL ENDS

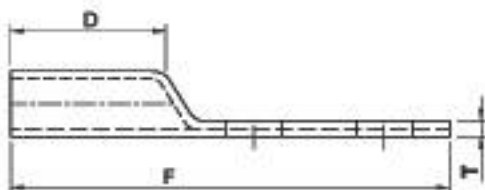


MATERIAL : E-COPPER - FINISH : COPPER

| Amp Rating | Wire Size | Bolt Size | Dimensions | | | | | | | | | | | Product Code |
|------------|-----------|-----------|------------|-------|-------|-------|-------|-------|-------|------|------|-------|-------------|--------------|
| | | | I.D. | O.D. | L | A | B | C | D | E | F | G | | |
| 35 | 8 | 1/4 | 4.72 | 6.35 | 32.00 | 11.58 | 17.15 | 8.64 | 13.97 | 1.78 | 2.54 | 6.40 | HBCT - 86 | |
| | 8 | 5/16 | 4.72 | 6.35 | 32.00 | 11.58 | 17.15 | 8.64 | 13.97 | 1.78 | 2.54 | 8.41 | HBCT - 88 | |
| | 8 | 3/8 | 4.72 | 6.35 | 35.18 | 14.48 | 17.15 | 8.64 | 13.97 | 1.78 | 2.54 | 10.49 | HBCT - 810 | |
| | 8 | 1/2 | 4.72 | 6.35 | 42.55 | 16.26 | 20.82 | 9.78 | 13.97 | 1.78 | 2.54 | 13.00 | HBCT - 812 | |
| 50 | 6 | 1/4 | 5.89 | 7.92 | 32.64 | 13.72 | 17.78 | 7.62 | 13.97 | 1.78 | 2.54 | 6.40 | HBCT - 66 | |
| | 6 | 5/16 | 5.89 | 7.92 | 32.64 | 13.72 | 17.78 | 7.62 | 13.97 | 1.78 | 2.54 | 8.41 | HBCT - 68 | |
| | 6 | 3/8 | 5.89 | 7.92 | 32.64 | 13.72 | 17.78 | 7.62 | 13.97 | 1.78 | 2.54 | 10.49 | HBCT - 610 | |
| | 6 | 1/2 | 5.89 | 7.92 | 42.55 | 16.26 | 20.82 | 9.78 | 13.97 | 1.78 | 2.54 | 13.00 | HBCT - 612 | |
| 70 | 4 | 1/4 | 7.14 | 9.04 | 40.64 | 13.72 | 20.32 | 7.37 | 14.73 | 1.83 | 2.54 | 6.40 | HBCT - 46 | |
| | 4 | 5/16 | 7.14 | 9.04 | 40.64 | 13.72 | 20.32 | 7.37 | 14.73 | 1.83 | 2.54 | 8.41 | HBCT - 48 | |
| | 4 | 3/8 | 7.14 | 9.04 | 40.64 | 14.48 | 20.32 | 9.78 | 14.73 | 1.83 | 2.54 | 10.49 | HBCT - 410 | |
| | 4 | 1/2 | 7.14 | 9.04 | 40.64 | 14.48 | 20.32 | 9.78 | 14.73 | 1.83 | 2.54 | 13.00 | HBCT - 412 | |
| 90 | 2 | 1/4 | 8.43 | 10.67 | 43.94 | 16.51 | 19.61 | 8.43 | 17.02 | 1.83 | 2.54 | 6.40 | HBCT - 26 | |
| | 2 | 5/16 | 8.43 | 10.67 | 43.94 | 16.51 | 19.61 | 8.43 | 17.02 | 1.83 | 2.54 | 8.41 | HBCT - 28 | |
| | 2 | 3/8 | 8.43 | 10.67 | 43.94 | 16.51 | 19.61 | 8.43 | 17.02 | 1.83 | 2.54 | 10.49 | HBCT - 210 | |
| | 2 | 1/2 | 8.43 | 10.67 | 43.94 | 16.51 | 19.61 | 8.43 | 17.02 | 1.83 | 2.54 | 13.00 | HBCT - 212 | |
| 125 | 1/0 | 1/4 | 10.19 | 12.65 | 48.56 | 18.59 | 21.34 | 10.16 | 19.30 | 2.24 | 2.54 | 6.40 | HBCT - 106 | |
| | 1/0 | 5/16 | 10.19 | 12.65 | 48.56 | 18.59 | 21.34 | 10.16 | 19.30 | 2.24 | 2.54 | 8.41 | HBCT - 108 | |
| | 1/0 | 3/8 | 10.19 | 12.65 | 48.56 | 18.59 | 21.34 | 10.16 | 19.30 | 2.24 | 2.54 | 10.49 | HBCT - 1010 | |
| | 1/0 | 1/2 | 10.19 | 12.65 | 48.56 | 18.59 | 21.34 | 10.16 | 19.30 | 2.24 | 2.54 | 13.00 | HBCT - 1012 | |
| 150 | 2/0 | 1/4 | 11.58 | 14.22 | 55.88 | 20.83 | 24.38 | 11.05 | 21.59 | 2.54 | 2.54 | 6.40 | HBCT - 206 | |
| | 2/0 | 5/16 | 11.58 | 14.22 | 55.88 | 20.83 | 24.38 | 11.05 | 21.59 | 2.54 | 2.54 | 8.41 | HBCT - 208 | |
| | 2/0 | 3/8 | 11.58 | 14.22 | 55.88 | 20.83 | 24.38 | 11.05 | 21.59 | 2.54 | 2.54 | 10.49 | HBCT - 2010 | |
| | 2/0 | 1/2 | 11.58 | 14.22 | 55.88 | 20.83 | 24.38 | 11.05 | 21.59 | 2.54 | 2.54 | 13.00 | HBCT - 2012 | |
| 175 | 3/0 | 3/8 | 12.93 | 15.62 | 57.15 | 22.95 | 25.04 | 12.52 | 21.45 | 2.67 | 2.54 | 6.40 | HBCT - 3010 | |
| | 3/0 | 1/2 | 12.93 | 15.62 | 57.15 | 22.95 | 25.04 | 12.52 | 21.45 | 2.67 | 2.54 | 13.00 | HBCT - 3012 | |
| 225 | 4/0 | 3/8 | 14.94 | 17.63 | 65.29 | 26.31 | 28.40 | 13.34 | 23.11 | 2.79 | 2.54 | 10.49 | HBCT - 4010 | |
| | 4/0 | 1/2 | 14.94 | 17.63 | 65.29 | 26.31 | 28.40 | 13.34 | 23.11 | 2.79 | 2.54 | 13.00 | HBCT - 4012 | |



COPPER COMPRESSION LUGS - SHORT BARREL, 2 HOLES



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

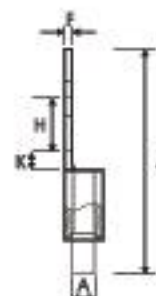
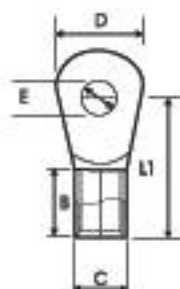
RING TYPE TINNED COPPER CABLE TERMINAL ENDS (NON INSULATED)



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 |

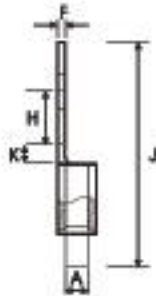


RING TYPE TINNED COPPER CABLE TERMINAL ENDS (NON INSULATED)



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 | HR 7124 |
| | 5.2 | 5.6 | 8 | 12 | 1.2 | 10 | 4.0 | 6.0 | 20 | 26 | HR 7125 |
| | 6.4 | 5.6 | 8 | 12 | 1.2 | 10 | 4.0 | 6.0 | 20 | 26 | HR 7029 |
| | 6.4 | 5.6 | 8 | 16 | 1.2 | 10 | 4.0 | 8.0 | 22 | 30 | HR 7126 |
| | 8.2 | 5.6 | 8 | 16 | 1.2 | 10 | 4.0 | 8.0 | 22 | 30 | HR 7030 |
| | 9.7 | 5.6 | 8 | 16 | 1.2 | 10 | 4.0 | 8.0 | 22 | 30 | HR 7031 |
| | 8.2 | 5.6 | 8 | 18 | 1.2 | 10 | 4.0 | 10.0 | 24 | 33 | HR 7127 |
| | 10.2 | 5.6 | 8 | 18 | 1.2 | 10 | 4.0 | 10.0 | 24 | 33 | HR 7032 |
| | 10.2 | 5.6 | 8 | 22 | 1.2 | 10 | 6.0 | 8.0 | 24 | 35 | HR 7128 |
| | 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 |
| 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 |
| | 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 IN - 6
(for Insulated)
Crimping Capacity : 1.5mm² , 2.5mm² , 4-6mm²



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



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



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



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



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



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



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 CRIMPING TOOLS



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*



OVERSEAS OFFICES : UK • Dubai • Malaysia • RSA • Nigeria



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Website : www.hexworldwide.com • E-Mail : bca@hexworldwide.com



ELECTRICAL CABLE ACCESSORIES

History in Engineering eXcellence



**Nestled in the
very bosom of
mother nature
the HEX factory at
Vadkhambha - Vapi.**

**REMEMBERING THE PAST,
SINCE 24th October 1991,
EMBRACING THE FUTURE...**

1992 self-starter, dedicated engineers ventured to seed the Asia's largest industry of Cable Accessories and Connectors. The values set forth then, has been the cornerstone of group's vision. Today the business of HEX in India and abroad carries the hallmark, that would continue as legacy.

As 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 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 scale 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 services.

Company Policy :

◀ Corporate Goal ▶

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

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

◀ Technologies ▶

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

◀ Product Quality ▶

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

◀ Planning ▶

Strict adherence to ABC analysis for production planning and inventory management. We employ ERP tools to integrate our sales, production, purchase and dispatch divisions.

◀ HEX Family - Team Work ▶

At HEX house we instill family values into our working environment. We believe, as the individual spends a major part of his day at work, being in a close knit and congenial environment enhances their productivity.

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



AWARDS FOR EXPORT EXCELLENCE
AT BANGLORE FOR THE YEAR 2008-2009

AWARDED BY SHRI SHUBHAS SHROOKAR
PRESIDENT OF CONGRESS AT GOA FOR ZONE LEVEL



"MAN OF THE YEAR"
FOR PROTECTION OF INFRASTRUCTURE, DUBAI UAE
AT LOS ANGELES, USA FOR THE YEAR 2010

AWARDED BY SHRI MAHESH JETHMALANI
AT MUMBAI FOR CHAPTER LEVEL



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