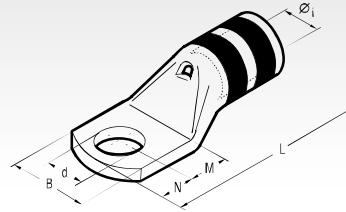


C

COLOUR CODED COPPER CRIMPING LUGS

for Copper conductors



C series lugs are manufactured from electrolytic Copper tube.

The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.

Cembre lugs are annealed to guarantee optimum ductility, an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation.

In applications subject to vibration, terminals have to perform a reliable connection, the annealing process plays a vital role in avoiding cracking or breaks between the barrel and palm.

The presence of an inspection hole facilitates full insertion of the conductor. The barrel length has been designed to allow easy and accurate positioning of the dies during the crimping operation.

Lugs are electrolytically Tin plated to avoid oxidation.

The tongue is clearly marked with wire size and die index for Cembre tools.

UL listed for US and Canada per UL486A up to 35 KV.

C series lugs are an important part of Cembre crimping systems for power carrying conductors.

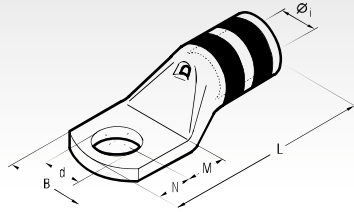
Details of the appropriate crimping tools and dies are shown on page 239.

Cembre technicians are available to provide technical advice as required. Please consult Cembre for products not listed.

| Cond. Size sqmm | Conductor AWG | | Ø Stud mm | Type | Dimensions mm | | | | | Colour Code | Quantity Box/Bag | Mechanical Tools | Hydraulic Tools |
|-----------------|---------------|------|-----------|----------|---------------|------|------|------|------|-------------|------------------|------------------|-----------------|
| | Size | Navy | | | Ø1 | B | M | N | L | | | | |
| 10 | 8 | 23 | 4 | C8-8 | 4,6 | 10,0 | 5,0 | 4,0 | 22,5 | 4,3 | RED | 600/50 | B15MD |
| | | | 5 | C8-10 | 4,6 | 10,0 | 6,5 | 6,0 | 26,0 | 5,3 | | 600/50 | |
| | | | 6 | C8-14 | 4,6 | 11,0 | 7,0 | 6,0 | 26,5 | 6,4 | | 600/50 | |
| | | | 8 | C8-516 | 4,6 | 15,0 | 9,0 | 8,0 | 30,5 | 8,4 | | 600/50 | |
| | | | 10 | C8-38 | 4,6 | 18,0 | 11,0 | 10,0 | 34,5 | 10,5 | | 600/50 | |
| | | | 12 | C8-12 | 4,6 | 19,0 | 14,0 | 12,0 | 39,5 | 13,2 | | 600/50 | |
| 16 | 6 | 40 | 4 | C6-8 | 5,8 | 11,5 | 5,0 | 4,0 | 25,5 | 4,3 | BLUE | 600/50 | B15MD |
| | | | 5 | C6-10 | 5,8 | 11,5 | 6,5 | 6,0 | 29,0 | 5,3 | | 600/50 | |
| | | | 6 | C6-14 | 5,8 | 11,5 | 7,0 | 6,0 | 29,5 | 6,4 | | 600/50 | |
| | | | 8 | C6-516 | 5,8 | 15,0 | 9,0 | 8,0 | 33,5 | 8,4 | | 600/50 | |
| | | | 10 | C6-38 | 5,8 | 18,0 | 11,0 | 10,0 | 37,5 | 10,5 | | 600/50 | |
| | | | 12 | C6-12 | 5,8 | 20,0 | 14,0 | 12,0 | 43,5 | 13,2 | | 400/50 | |
| 25 | 4 | 40 | 4 | C4-8 | 6,2 | 12,5 | 5,0 | 4,0 | 25,5 | 4,3 | GREY | 600/50 | B15MD |
| | | | 5 | C4-10 | 6,2 | 12,5 | 6,5 | 6,0 | 29,0 | 5,3 | | 600/50 | |
| | | | 6 | C4-14 | 6,2 | 12,5 | 7,0 | 6,0 | 29,5 | 6,4 | | 600/50 | |
| | | | 8 | C4-516 | 6,2 | 15,0 | 9,0 | 8,0 | 33,5 | 8,4 | | 600/50 | |
| | | | 10 | C4-38 | 6,2 | 18,0 | 11,0 | 10,0 | 37,5 | 10,5 | | 400/50 | |
| | | | 12 | C4-12 | 6,2 | 20,0 | 14,0 | 12,0 | 42,5 | 13,2 | | 400/50 | |
| 35 | 2 | 60 | 4 | C3-8 | 7,0 | 14,0 | 5,0 | 4,0 | 28,0 | 4,3 | WHITE | 600/50 | B15MD |
| | | | 5 | C3-10 | 7,0 | 14,0 | 6,5 | 6,0 | 31,5 | 5,3 | | 600/50 | |
| | | | 6 | C3-14 | 7,0 | 14,0 | 7,0 | 6,0 | 32,0 | 6,4 | | 600/50 | |
| | | | 8 | C3-516 | 7,0 | 15,0 | 9,0 | 8,0 | 36,0 | 8,4 | | 600/50 | |
| | | | 10 | C3-38 | 7,0 | 18,0 | 11,0 | 10,0 | 40,0 | 10,5 | | 400/50 | |
| | | | 12 | C3-12 | 7,0 | 21,0 | 14,0 | 12,0 | 45,0 | 13,2 | | 400/50 | |
| 50 | 1/0 | 100 | 5 | C2-10 | 7,6 | 17,0 | 6,5 | 6,0 | 33,0 | 5,3 | BROWN | 400/50 | B15MD |
| | | | 6 | C2-14 | 7,6 | 17,0 | 7,0 | 6,0 | 33,5 | 6,4 | | 400/50 | |
| | | | 8 | C2-516 | 7,6 | 17,0 | 9,0 | 8,0 | 37,5 | 8,4 | | 400/50 | |
| | | | 10 | C2-38 | 7,6 | 19,0 | 11,0 | 10,0 | 41,5 | 10,5 | | 400/50 | |
| | | | 12 | C2-12 | 7,6 | 21,0 | 14,0 | 12,0 | 46,5 | 13,2 | | 200/50 | |
| | | | 6 | C1-14 | 8,9 | 17,0 | 7,0 | 6,0 | 34,5 | 6,4 | | 400/50 | |
| 70 | 2/0 | 125 | 8 | C1-516 | 8,9 | 17,0 | 9,0 | 8,0 | 38,5 | 8,4 | GREEN | 400/50 | B15MD |
| | | | 10 | C1-38 | 8,9 | 19,0 | 11,0 | 10,0 | 42,5 | 10,5 | | 200/50 | |
| | | | 12 | C1-12 | 8,9 | 21,0 | 14,0 | 12,0 | 47,5 | 13,2 | | 200/50 | |
| | | | 6 | C1/0-14 | 10,0 | 19,0 | 8,0 | 7,0 | 40,5 | 6,4 | | 200/25 | |
| | | | 8 | C1/0-516 | 10,0 | 19,0 | 9,0 | 8,0 | 42,5 | 8,4 | | 200/25 | |
| | | | 10 | C1/0-38 | 10,0 | 20,0 | 11,0 | 10,0 | 46,5 | 10,5 | | 200/25 | |
| 95 | 3/0 | 150 | 12 | C1/0-12 | 10,0 | 21,0 | 14,0 | 12,0 | 51,5 | 13,2 | PINK | 200/25 | B15MD |
| | | | 14 | C1/0-916 | 10,0 | 25,0 | 16,0 | 14,0 | 55,5 | 15,0 | | 200/25 | |
| | | | 16 | C1/0-58 | 10,0 | 26,0 | 18,0 | 16,0 | 59,5 | 17,0 | | 200/25 | |
| | | | 6 | C2/0-14 | 11,3 | 21,0 | 8,0 | 7,0 | 44,0 | 6,4 | | 200/25 | |
| | | | 8 | C2/0-516 | 11,3 | 21,0 | 9,0 | 8,0 | 46,0 | 8,4 | | 200/25 | |
| | | | 10 | C2/0-38 | 11,3 | 21,0 | 11,0 | 10,0 | 50,0 | 10,5 | | 200/25 | |
| 125 | 4/0 | 200 | 12 | C2/0-12 | 11,3 | 22,0 | 14,0 | 12,0 | 55,0 | 13,2 | BLACK | 200/25 | B15MD |
| | | | 14 | C2/0-916 | 11,3 | 25,0 | 16,0 | 14,0 | 59,0 | 15,0 | | 100/25 | |
| | | | 16 | C2/0-58 | 11,3 | 26,0 | 18,0 | 16,0 | 63,0 | 17,0 | | 100/25 | |
| | | | 20 | C2/0-34 | 11,3 | 29,5 | 22,0 | 20,0 | 75,0 | 21,0 | | 100/25 | |
| | | | 6 | C3/0-14 | 12,4 | 23,0 | 8,0 | 7,0 | 45,0 | 6,4 | | 200/25 | |
| | | | 8 | C3/0-516 | 12,4 | 23,0 | 9,0 | 8,0 | 47,0 | 8,4 | | 100/25 | |
| 175 | 5/0 | 250 | 10 | C3/0-38 | 12,4 | 23,0 | 11,0 | 10,0 | 51,0 | 10,5 | ORANGE | 100/25 | B15MD |
| | | | 12 | C3/0-12 | 12,4 | 24,0 | 14,0 | 12,0 | 56,0 | 13,2 | | 100/25 | |
| | | | 14 | C3/0-916 | 12,4 | 27,0 | 16,0 | 14,0 | 60,0 | 15,0 | | 100/25 | |
| | | | 16 | C3/0-58 | 12,4 | 28,0 | 18,0 | 16,0 | 64,0 | 17,0 | | 100/25 | |
| | | | 20 | C3/0-34 | 12,4 | 31,5 | 22,0 | 20,0 | 72,0 | 21,0 | | 100/25 | |

COLOUR CODED COPPER CRIMPING LUGS

for Copper conductors



| Cond. Size sqmm | Sez. Cond. AWG | | Type | Dimensions mm | | | | | | | Colour Code | Quantity Box/Bag | Mechanical Tools | Hydraulic Tools | | | | | | |
|-----------------|----------------|------|----------|---------------|---------|------|------|-------|------|--------|-------------|------------------|------------------|--|------------------|-------|--|---------|------------------|--|
| | Size | Navy | | Ø Stud mm | Ø1 | B | M | N | L | d | | | | | | | | | | |
| 4/0 | 200 | 6 | C4/0-14 | 13,5 | 25,0 | 8,0 | 7,0 | 50,5 | 6,4 | PURPLE | 100/25 | TIN20SE | HTS1 RH50 BS00ND | HT120 and tools and heads with 130 kN crimping force | | | | | | |
| | | 8 | C4/0-516 | 13,5 | 25,0 | 9,0 | 8,0 | 52,5 | 8,4 | | 100/25 | | | | | | | | | |
| | | 10 | C4/0-38 | 13,5 | 25,0 | 11,0 | 10,0 | 56,5 | 10,5 | | 100/25 | | | | | | | | | |
| | | 12 | C4/0-12 | 13,5 | 25,0 | 14,0 | 12,0 | 61,5 | 13,2 | | 100/25 | | | | | | | | | |
| | | 14 | C4/0-916 | 13,5 | 25,0 | 16,0 | 14,0 | 65,5 | 15,0 | | 100/25 | | | | | | | | | |
| | | 16 | C4/0-58 | 13,5 | 27,0 | 18,0 | 16,0 | 69,5 | 17,0 | | 50/25 | | | | | | | | | |
| | | 20 | C4/0-34 | 13,5 | 29,5 | 22,0 | 20,0 | 77,5 | 21,0 | | 50/25 | | | | | | | | | |
| 120 | 250 | 6 | C250-14 | 15,2 | 28,5 | 8,0 | 7,0 | 52,0 | 6,4 | YELLOW | 100/25 | TIN20SE | HTS1 RH50 BS00ND | HT120 and tools and heads with 130 kN crimping force | | | | | | |
| | | 8 | C250-516 | 15,2 | 28,5 | 9,0 | 8,0 | 54,0 | 8,4 | | 100/25 | | | | | | | | | |
| | | 10 | C250-38 | 15,2 | 28,5 | 11,0 | 10,0 | 58,0 | 10,5 | | 100/25 | | | | | | | | | |
| | | 12 | C250-12 | 15,2 | 28,5 | 14,0 | 12,0 | 63,0 | 13,2 | | 50/25 | | | | | | | | | |
| | | 14 | C250-916 | 15,2 | 28,5 | 16,0 | 14,0 | 67,0 | 15,0 | | 50/25 | | | | | | | | | |
| | | 16 | C250-58 | 15,2 | 28,5 | 18,0 | 16,0 | 71,0 | 17,0 | | 50/25 | | | | | | | | | |
| | | 20 | C250-34 | 15,2 | 30,0 | 22,0 | 20,0 | 79,0 | 21,0 | | 50/25 | | | | | | | | | |
| 150 | 300 | 8 | C300-516 | 16,7 | 31,5 | 13,0 | 11,0 | 69,0 | 8,4 | WHITE | 40/10 | TIN20SE | HTS1 RH50 BS00ND | HT120 and tools and heads with 130 kN crimping force | | | | | | |
| | | 10 | C300-38 | 16,7 | 31,5 | 13,0 | 11,0 | 69,0 | 10,5 | | 40/10 | | | | | | | | | |
| | | 12 | C300-12 | 16,7 | 31,5 | 16,0 | 14,0 | 75,0 | 13,2 | | 40/10 | | | | | | | | | |
| | | 14 | C300-916 | 16,7 | 31,5 | 18,0 | 16,0 | 79,0 | 15,0 | | 40/10 | | | | | | | | | |
| | | 16 | C300-58 | 16,7 | 31,5 | 19,0 | 17,0 | 81,0 | 17,0 | | 40/10 | | | | | | | | | |
| | | 20 | C300-34 | 16,7 | 31,5 | 22,0 | 20,0 | 87,0 | 21,0 | | 40/10 | | | | | | | | | |
| | | 22 | C300-78 | 16,7 | 31,5 | 24,0 | 23,0 | 92,0 | 23,0 | | 40/10 | | | | | | | | | |
| 185 | 350 | 10 | C350-38 | 17,6 | 33,0 | 13,0 | 11,0 | 70,5 | 10,5 | RED | 40/20 | TIN20SE | HTS1 RH50 BS00ND | HT120 and tools and heads with 130 kN crimping force | | | | | | |
| | | 12 | C350-12 | 17,6 | 33,0 | 16,0 | 14,0 | 76,5 | 13,2 | | 40/20 | | | | | | | | | |
| | | 14 | C350-916 | 17,6 | 33,0 | 18,0 | 16,0 | 80,5 | 15,0 | | 40/20 | | | | | | | | | |
| | | 16 | C350-58 | 17,6 | 33,0 | 19,0 | 17,0 | 82,5 | 17,0 | | 40/20 | | | | | | | | | |
| | | 20 | C350-34 | 17,6 | 33,0 | 22,0 | 20,0 | 88,5 | 21,0 | | 40/20 | | | | | | | | | |
| | | 22 | C350-78 | 17,6 | 37,0 | 24,0 | 23,0 | 93,5 | 23,0 | | 30/15 | | | | | | | | | |
| | | 400 | 400 | 10 | C400-38 | 19,2 | 35,5 | 13,0 | 11,0 | | 76,0 | | | | 10,5 | BLUE | 40/20 | TIN20SE | HTS1 RH50 BS00ND | HT120 and tools and heads with 130 kN crimping force |
| 12 | C400-12 | 19,2 | 35,5 | 16,0 | 14,0 | 82,0 | 13,2 | 40/20 | | | | | | | | | | | | |
| 14 | C400-916 | 19,2 | 35,5 | 18,0 | 16,0 | 86,0 | 15,0 | 40/20 | | | | | | | | | | | | |
| 16 | C400-58 | 19,2 | 35,5 | 19,0 | 17,0 | 88,0 | 17,0 | 40/20 | | | | | | | | | | | | |
| 20 | C400-34 | 19,2 | 35,5 | 22,0 | 20,0 | 94,0 | 21,0 | 40/20 | | | | | | | | | | | | |
| 22 | C400-78 | 19,2 | 35,5 | 24,0 | 23,0 | 99,0 | 23,0 | 40/20 | | | | | | | | | | | | |
| 240 | 500 | 10 | C500-38 | 21,1 | 39,0 | 13,0 | 11,0 | 82,0 | 10,5 | BROWN | 30/15 | TIN20SE | HTS1 RH50 BS00ND | HT120 and tools and heads with 130 kN crimping force | | | | | | |
| | | 12 | C500-12 | 21,1 | 39,0 | 16,0 | 14,0 | 88,0 | 13,2 | | 30/15 | | | | | | | | | |
| | | 14 | C500-916 | 21,1 | 39,0 | 18,0 | 16,0 | 92,0 | 15,0 | | 30/15 | | | | | | | | | |
| | | 16 | C500-58 | 21,1 | 39,0 | 19,0 | 17,0 | 94,0 | 17,0 | | 30/15 | | | | | | | | | |
| | | 20 | C500-34 | 21,1 | 39,0 | 22,0 | 20,0 | 100,0 | 21,0 | | 20/10 | | | | | | | | | |
| | | 22 | C500-78 | 21,1 | 39,0 | 24,0 | 23,0 | 105,0 | 23,0 | | 20/10 | | | | | | | | | |
| | | 300 | 600 | 12 | C600-12 | 23,7 | 44,0 | 20,0 | 14,0 | | 99,0 | | | | 13,2 | GREEN | 20/10 | TIN20SE | HTS1 RH50 BS00ND | HT120 and tools and heads with 130 kN crimping force |
| 14 | C600-916 | | | 23,7 | 44,0 | 22,0 | 16,0 | 103,0 | 15,0 | 20/10 | | | | | | | | | | |
| 16 | C600-58 | | | 23,7 | 44,0 | 22,0 | 19,0 | 106,0 | 17,0 | 20/10 | | | | | | | | | | |
| 20 | C600-34 | | | 23,7 | 44,0 | 24,0 | 23,0 | 112 | 21,0 | 10/5 | | | | | | | | | | |
| 22 | C600-78 | | | 23,7 | 44,0 | 24,0 | 23,0 | 112,0 | 23,0 | 10/5 | | | | | | | | | | |
| 750 | MCM | | | 12 | C750-12 | 26,0 | 48,0 | 22,0 | 19,0 | 113,0 | 13,2 | BLACK | 10/5 | TIN20SE | HTS1 RH50 BS00ND | | HT120 and tools and heads with 130 kN crimping force | | | |
| | | | | 16 | C750-58 | 26,0 | 48,0 | 22,0 | 19,0 | 113,0 | 17,0 | | 10/5 | | | | | | | |
| | | 20 | C750-34 | 26,0 | 48,0 | 24,0 | 23,0 | 119,0 | 21,0 | 10/5 | | | | | | | | | | |
| | | 22 | C750-78 | 26,0 | 48,0 | 24,0 | 23,0 | 119,0 | 23,0 | 10/5 | | | | | | | | | | |

