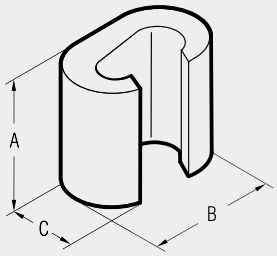
# SLEEVE CONNECTORS

## C

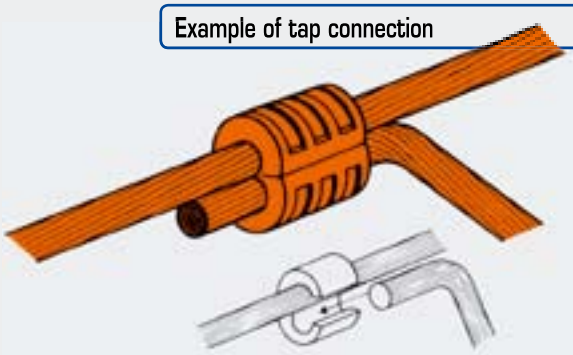
*Tin plated version*



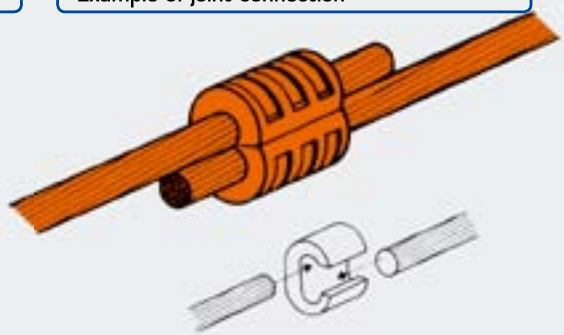

"C" connectors are manufactured from high purity copper profiles and are suitable for a variety of uses either to create an earthing network or tapping off from overhead distribution lines.
Each connector is marked as follows:
- Cembre trade mark
- Reference number
- Conductor size-Run
- Conductor size-Tap
- Number of crimps
- Die reference.

| Conductor Size sqmm Run | Tap | Ref. | Dimensions mm A | B | C | Quantity Box/Bag | Mechanical Tools | Hydraulic Tools | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6÷2,5 | 6÷1,5 | **C 6-C 6 ST** | 9,0 | 9,8 | 6,4 | 100 | HP4-C10 | HT 45-E | B 51 | RH 50 | HT 51 | RHU 81 | HT 81-J | HT 120 and tools and heads with 130 kN crimping force | ECW-H3D |
| 10 | 10÷1,5 | **C 10-C 10 ST** | 12,0 | 12,6 | 8,4 | 100 | | | | | | | | | |
| 16 | 16÷1,5 | **C 16-C 16 ST** | 17,0 | 19,4 | 12,0 | 100 | | | | | | | | | |
| 25÷16 | 10÷1,5 | **C 25-C 10 ST** | 17,0 | 19,8 | 13,0 | 50 | | | | | | | | | |
| 25 | 25÷16 | **C 25-C 25 ST** | 17,0 | 21,4 | 13,0 | 50 | | | | | | | | | |
| 40÷35 | 16÷1,5 | **C 35-C 16 ST** | 21,0 | 24,6 | 15,4 | 25 | | | | | | | | | |
| 40÷35 | 40÷25 | **C 35-C 35 ST** | 21,0 | 26,6 | 15,6 | 25 | | | | | | | | | |
| 50 | 25÷10 | | | | | | | | | | | | | | |
| 50 | 25÷4 | **C 50-C 25 ST** | 25,0 | 32,9 | 21,0 | 25 | | | | | | | | | |
| 50 | 50÷35 | **C 50-C 50 ST** | 26,0 | 33,0 | 21,0 | 25 | | | | | | | | | |
| 70÷63 | 25÷1,5 | **C 70-C 25 N ST** | 21,0 | 26,4 | 17,5 | 25 | | | | | | | | | |
| 70÷50 | 40÷4 | **C 70-C 35 ST** | 28,0 | 33,0 | 21,0 | 25 | | | | | | | | | |
| 70÷50 | 70÷35 | **C 70-C 70 ST** | 28,0 | 34,0 | 21,0 | 25 | | | | | | | | | |
| 100÷95 | 40÷4 | **C 95-C 35 ST** | 29,0 | 40,6 | 26,0 | 25 | | | | | | | | | |
| 100÷95 | 70÷40 | **C 95-C 70 ST** | 29,0 | 41,0 | 26,0 | 25 | | | | | | | | | |
| 100÷95 | 100÷63 | **C 95-C 95 ST** | 29,0 | 41,0 | 26,0 | 25 | | | | | | | | | |
| 125÷110 | 125÷25 | **C 120-C 120 ST** | 30,0 | 45,0 | 28,0 | 25 | | | | | | | | | |
| 160÷150 | 125÷25 | **C 150-C 120 ST** | 31,0 | 45,0 | 28,0 | 25 | | | | | | | | | |
| 150 | 150÷63 | **C 150-C 150 ST** | 30,0 | 45,0 | 28,0 | 25 | | | | | | | | | |
| 185 | 100÷16 | **C 185-C 95 ST** | 31,0 | 45,0 | 28,0 | 25 | | | | | | | | | |
| 185÷120 | 185÷120 | **C 185-C 185 ST** | 22,6 | 68,0 | 34,0 | 15 | | | | | | | | | |
| 240÷150 | 120÷95 | **C 240-C 120 ST** | 22,6 | 68,0 | 34,0 | 15 | | | | | | | | | |

**Example of tap connection**

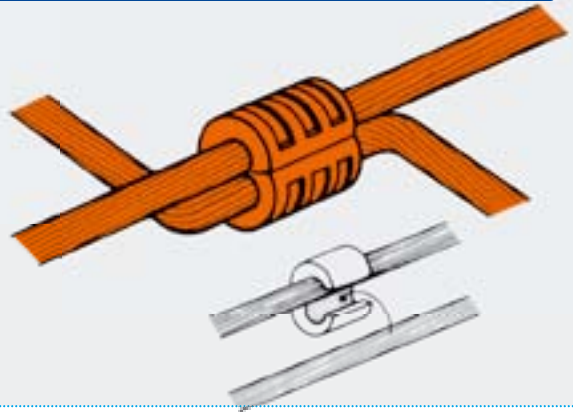


**Example of joint connection**



**Example of joining two running conductors**

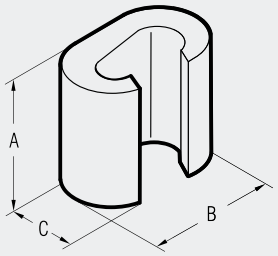
| Conductor Size sqmm | Ref. |
|---|---|
| 25-25 | **C 35-C 16 ST** |
| 35-35 | **C 35-C 35 ST** |
| 50-50 | **C 70-C 70 ST** |
| 63-63 | **C 95-C 70 ST** |
| 70-70 | |
| 95-95 | **C 150-C 120 ST** |
| 120-120 | |
| 125-125 | **C 150-C 150** |
| 120-120 | **C 185-C 95 ST** |
| 125-125 | |



# SLEEVE CONNECTORS

*Bright surface version*

C



| Conductor Size sqmm Run | Tap | Ref. | Dimensions mm A | B | C | *Quantity Box/Bag* | Mechanical Tools | Hydraulic Tools |
|---|---|---|---|---|---|---|---|---|
| 6÷2,5 | 6÷1,5 | **C 6-C 6** | 9,0 | 9,8 | 6,4 | *100* | HP4-C10 | HT 45-E / B 51 / RH 50 / RHU 81 / HT 81-J / HT 51 / HT 120 and tools and heads with 130 kN crimping force / ECW-H3D |
| 10 | 10÷1,5 | **C 10-C 10** | 12,0 | 12,6 | 8,4 | *100* | | |
| 16 | 16÷1,5 | **C 16-C 16** | 17,0 | 19,4 | 12,0 | *100* | | |
| 25÷16 | 10÷1,5 | **C 25-C 10** | 17,0 | 19,8 | 13,0 | *50* | | |
| 25 | 25÷16 | **C 25-C 25** | 17,0 | 21,4 | 13,0 | *50* | | |
| 40÷35 | 16÷1,5 | **C 35-C 16** | 21,0 | 24,6 | 15,4 | *25* | | |
| 40÷35 | 40÷25 | **C 35-C 35** | 21,0 | 26,6 | 15,6 | *25* | | |
| 50 | 25÷10 | | | | | | | |
| 50 | 25÷4 | **C 50-C 25** | 25,0 | 32,9 | 21,0 | *25* | | |
| 50 | 50÷35 | **C 50-C 50** | 26,0 | 33,0 | 21,0 | *25* | | |
| 70÷63 | 25÷1,5 | **C 70-C 25 N** | 21,0 | 26,4 | 17,5 | *25* | | |
| 70÷50 | 40÷4 | **C 70-C 35** | 28,0 | 33,0 | 21,0 | *25* | | |
| 70÷50 | 70÷35 | **C 70-C 70** | 28,0 | 34,0 | 21,0 | *25* | | |
| 100÷95 | 40÷4 | **C 95-C 35** | 29,0 | 40,6 | 26,0 | *25* | | |
| 100÷95 | 70÷40 | **C 95-C 70** | 29,0 | 41,0 | 26,0 | *25* | | |
| 100÷95 | 100÷63 | **C 95-C 95** | 29,0 | 41,0 | 26,0 | *25* | | |
| 125÷110 | 125÷25 | **C 120-C 120** | 30,0 | 45,0 | 28,0 | *25* | | |
| 160÷150 | 125÷25 | **C 150-C 120** | 31,0 | 45,0 | 28,0 | *25* | | |
| 150 | 150÷63 | **C 150-C 150** | 30,0 | 45,0 | 28,0 | *25* | | |
| 185 | 100÷16 | **C 185-C 95** | 31,0 | 45,0 | 28,0 | *25* | | |
| 185÷120 | 185÷120 | **C 185-C 185** | 22,6 | 68,0 | 34,0 | *15* | | |
| 240÷150 | 120÷95 | **C 240-C 120** | 22,6 | 68,0 | 34,0 | *15* | | |

Featuring same characteristics of tin plated version, (see opposite page).