

CRIMPING THROUGH CONNECTORS - HSV SERIES for copper conductors



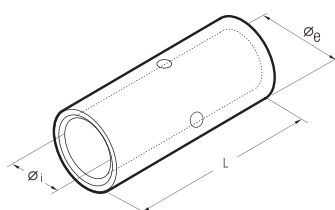
Description:

- HSV series through connectors are manufactured from electrolytic Copper tube, annealed and surface protected by tin plating.
- Sono realizzati in rame elettrolitico Cu-OF CW008A secondo UNI EN 13600:2003.
- Annealed and electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation.
- The annealing process optimizes the structural features of the material allows an easier crimping and guarantees the use of the connector even with mechanical solicitations of various nature.
- Chamfered ends and a central stop provide easy and correct insertion of the conductor.

Each connector is marked as follows:

- trade mark and Cembre catalogue number.
- section of the conductor (mm²).
- Ø of the screw (mm).

Sections and Dimensions:



| Cond. Size sqmm | Ref. | Dimensions mm | | |
|--------------------|---------|-----------------|-----------------|-----|
| | | \varnothing_i | \varnothing_e | L |
| 10 | HSV 10 | 4,5 | 7,0 | 30 |
| 16 | HSV 16 | 5,5 | 8,5 | 35 |
| 25 | HSV 25 | 7,0 | 10,0 | 40 |
| 35 | HSV 35 | 8,5 | 12,0 | 45 |
| 50 | HSV 50 | 10,0 | 14,0 | 50 |
| 70 | HSV 70 | 12,0 | 16,5 | 55 |
| 95 | HSV 95 | 13,5 | 18,0 | 60 |
| 120 | HSV 120 | 15,0 | 19,5 | 65 |
| 150 | HSV 150 | 16,5 | 21,0 | 70 |
| 185 | HSV 185 | 19,0 | 24,0 | 75 |
| 240 | HSV 240 | 21,0 | 28,0 | 85 |
| 300 | HSV 300 | 23,5 | 29,5 | 100 |

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Die Selector Chart:



DIE SELECTOR CHART

HYDRAULIC TOOLS

| APPLICATION | Conductor Size sqmm | TERMINAL | | B 15D | B 35-45D | B 35-50D | HT 45 B 46 | HT 51 RHM 50 B 51 | RH 50 RHU 81D HT 61 RH 61 B 62 ³ | HT 120 and tools and heads with 130 kN crimping force | | ECW-H3D |
|--|---------------------|----------|---------|-------|----------|----------|------------|-------------------|---|---|---------|---------|
| | | LUGS | SPLICES | | | | | | | DIE SET | DIE SET | |
|  DM | 6-10 | | | | | | | | | | | |
| | 10-16 | | | | | | | | | | | |
| | 16-25 | | | | | | | | | | | |
| | 25-35 | | | | | | | | | | | |
| | 35-50 | | | | | | | | | | | |
| | 50-70 | | | | | | | | | | | |
| | 70-95 | | | | | | | | | | | |
| | 95-120 | | | | | | | | | | | |
| | 120-150 | | | | | | | | | | | |
| | 150-185 | | | | | | | | | | | |
| 185-240 | | | | | | | | | | | | |
|  DR | 6 | | | | | | | | | | | |
| | 10 | | | | | | | | | | | |
| | 16 | | | | | | | | | | | |
| | 25 | | | | | | | | | | | |
| | 35 | | | | | | | | | | | |
| | 50 | | | | | | | | | | | |
| | 70 | | | | | | | | | | | |
| | 95 | | | | | | | | | | | |
| | 120 | | | | | | | | | | | |
| | 185 | | | | | | | | | | | |
|  DSB | 240 | | | | | | | | | | | |
| | 300 | | | | | | | | | | | |
| | 400 | | | | | | | | | | | |
| | 500 | | | | | | | | | | | |
| | 625 | | | | | | | | | | | |
| | 10 | | | | | | | | | | | |
| | 16 | | | | | | | | | | | |
| | 25 | | | | | | | | | | | |
| | 35 | | | | | | | | | | | |
| | 50 | | | | | | | | | | | |
|  HR | 95 | | | | | | | | | | | |
| | 120 | | | | | | | | | | | |
| | 150 | | | | | | | | | | | |
| | 185 | | | | | | | | | | | |
| | 240 | | | | | | | | | | | |
| | 300 | | | | | | | | | | | |
| | 400 | | | | | | | | | | | |
| | 500 | | | | | | | | | | | |
| | 625 | | | | | | | | | | | |
| | 10 | | | | | | | | | | | |
|  HSV | 16 | | | | | | | | | | | |
| | 25 | | | | | | | | | | | |
| | 35 | | | | | | | | | | | |
| | 50 | | | | | | | | | | | |
| | 70 | | | | | | | | | | | |
| | 95 | | | | | | | | | | | |
| | 120 | | | | | | | | | | | |
| | 150 | | | | | | | | | | | |
| | 185 | | | | | | | | | | | |
| | 240 | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| 625 | | | | | | | | | | | | |

COPPER CONDUCTORS

DM:  DR:  DSB:  HR:  HSV: 

Legend:  = Hexagonal crimp  = Index crimp NS: for through connectors this is the number of crimps per conductor ³With tools type HT 61 (D, RHU 81D, RHU 81D, HT 61, RH 61 and B 60D) use the same die set of HT 51, using the spring with code 6522051

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