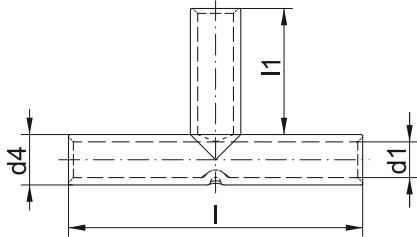


T-connectors, Cu, standard type



- ▶ For multi-stranded, round conductors e.g. to DIN EN 60228
- ▶ For pre-rounded multi-stranded sector shaped conductors
- ▶ Special version for cable tap conductors
- ▶ With reducing sleeves also suitable for connecting different cross-sections

Characteristics

- Annealed material optimises material and crimping properties
- Simple cable entry due to internal chamfer

Material

- Copper (EN13600)

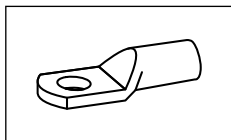
Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 38
- Sleeves for compacted conductors and sleeves for 3-core and 4-core cables, see chapter „Sleeves for compacted conductors and sector shaped conductors - Cu“
- Reduction sleeves for connecting different conductor cross-sections you will find on page 68

| Nominal cross section mm ² | Part No. | Dimension mm | | | | Weight/ 100 pcs. ~ kg | Packing unit/pcs |
|---------------------------------------|--------------|--------------|------|-----|----|-----------------------|------------------|
| | | d1 | d4 | l | l1 | | |
| 1.5 | TV15 | 1.8 | 3.3 | 30 | 12 | 0.23 | 50 |
| 2.5 | TV2.5 | 2.3 | 4.2 | 30 | 12 | 0.37 | 50 |
| 4 | TV4 | 3.0 | 5.0 | 30 | 12 | 0.45 | 50 |
| 6 | TV6 | 4.0 | 6.0 | 35 | 14 | 0.73 | 50 |
| 10 | TV10 | 4.5 | 7.0 | 35 | 14 | 1.05 | 50 |
| 16 | TV16 | 5.5 | 8.5 | 50 | 21 | 2.20 | 50 |
| 25 | TV25 | 7.0 | 10.0 | 55 | 23 | 2.90 | 25 |
| 35 | TV35 | 8.5 | 12.0 | 70 | 30 | 5.20 | 25 |
| 50 | TV50 | 10.0 | 14.0 | 80 | 34 | 7.90 | 25 |
| 70 | TV70 | 12.0 | 16.5 | 85 | 35 | 11.20 | 10 |
| 95 | TV95 | 13.5 | 18.0 | 90 | 36 | 13.00 | 10 |
| 120 | TV120 | 15.0 | 19.5 | 95 | 38 | 14.70 | 10 |
| 150 | TV150 | 16.5 | 21.0 | 110 | 44 | 18.90 | 10 |
| 185 | TV185 | 19.0 | 24.0 | 115 | 45 | 25.00 | 5 |
| 240 | TV240 | 21.0 | 26.0 | 130 | 52 | 31.10 | 5 |

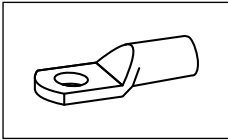


Tool application chart

Tubular cable lugs, butt connectors, parallel connectors and T-connectors „standard type“ and tubular cable lugs for switchgear connections made from Cu
Part 1 of 2





























| Tool type | Crimping range corresponds to nominal cross-section mm ² | Crimping Tool | | Catalogue page | | Crimp profile |
|--|---|---------------|-------------------------|----------------|--------------|---------------|
| | | Part No. | Crimping head / adapter | Crimping Tool | Crimping die | |
| Mechanical crimping tools | 0,75 - 16 | K2 | | 224 | | |
| | 1 - 4 | K511 | | 233 | | |
| | 6 - 50 | K5 | | 226 | | |
| | | K05 | | 229 | | |
| | 6 + 10 | K512 | | 233 | | |
| | 10 - 25 | K04 | | 228 | | |
| | 6 - 120 | K06 | | 231 | | |
| | 16 - 95 | K95 | | 225 | | |
| | | TK95 | | 225 | | |
| | 25 - 150 | K09 | | 232 | | |
| | 50 - 120 | K6 | | 226 | | |
| | 35 - 95 | K8 | | 228 | | |
| | 120 - 240 | K7 | | 227 | | |
| | 185 - 400 | K07 | | 227 | | |
| Mechanical, electrical, pneumatic crimping tools with interchangeable dies / heads | 0.75 - 10 | K50 | | 235 | 312 | |
| | | EK50ML | | 244 | 312 | |
| | 6 - 150 | K354 | | 236 | 314 | |
| | 6 - 240 | K18 | | 239 | 323 | |
| | 6 - 300 | K22 | | 240 | 327 | |
| Hand hydraulic crimping tools | 6 - 185 | HK6018 | | 280 | 323 | |
| | | HK60UNV | +UA18 | 465 | 323 | |
| | 6 - 300 | HK6022 | | 282 | 327 | |
| | | HK60UNV | +UA22 | 465 | 327 | |
| | 10 - 240 | HK60VP | | 284 | | |
| | 16 - 300 | HK60VPFT | | 285 | | |
| | 16 - 400 | HK12030 | | 286 | 333 | |
| | | HK12042 | | 288 | 333 | |
| HK120U | | | 290 | 333 | | |
| Battery powered crimping tools | 0.75 - 10 | EK1550ML | | 248 | 312 | |
| | | EK30IDML | | 247 | | |
| | 6 - 150 | EK354ML | | 250 | 314 | |
| | | EK354 | | 256 | 314 | |
| | 6 - 240 | EK5018 | | 260 | 323 | |
| | | EK60UNV | +UA18 | 468 | 323 | |
| | | EKM60UNV | +UA18 | 467 | 323 | |
| | 6 - 240 | EK505 | | 258 | 319 | |

See next page



Tool application chart

Tubular cable lugs, butt connectors, parallel connectors and T-connectors „standard type“ and tubular cable lugs for switchgear connections made from Cu
Part 2 of 2

| Tool type | Crimping range corresponds to nominal cross-section mm ² | Crimping Tool | | Catalogue page | | Crimp profile |
|--------------------------------|---|---------------|-------------------------|----------------|--------------|---|
| | | Part No. | Crimping head / adapter | Crimping Tool | Crimping die | |
| Battery powered crimping tools | 6 - 300 | EK6022 | | 264 | 327 |  |
| | | EKM6022 | | 262 | 327 |  |
| | | EK60UNV | +UA22 | 468 | 327 |  |
| | | EKM60UNV | +UA22 | 467 | 327 |  |
| | 10 - 240 | EK60VP | | 266 | |  |
| | | EKM60ID | | 268 | |  |
| | 16 - 300 | EK60VPFT | | 267 | |  |
| | 16 - 400 | EK12032 | | 270 | 333 |  |
| | | EK12042 | | 272 | 333 |  |
| | | EK120U | | 274 | 333 |  |
| | | EK135FT | +UA12T | 276 | 333 |  |
| | | EK120UNV | +UA15T | 469 | 333 |  |
| | 70 - 185 | EK120ID | | 269 | |  |
| | 400 - 630 | EK135FT | | 276 | 338 |  |
| Hydraulic crimping systems | 6 - 240 | THK18 | | 294 | 323 |  |
| | 6 - 300 | THK22 | | 296 | 327 |  |
| | 10 - 400 | THK120 | | 300 | 333 |  |
| | 16 - 400 | HK252 | +25A13 | 308 | 333 + 339 |  |
| Hydraulic crimping heads | 6 - 240 | PK18 | | 294 | 323 |  |
| | | PK60UNV | +UA18 | 466 | 323 |  |
| | 6 - 300 | PK22 | | 296 | 327 |  |
| | | PK60UNV | +UA22 | 466 | 327 |  |
| | 10 - 240 | PK60VP | | 298 | |  |
| | | PK60ID | | 299 | |  |
| | 16 - 300 | PK60VPFT | | 298 | |  |
| | 16 - 400 | PK12042 | | 300 | 333 |  |
| | | PK120U | | 302 | 333 |  |
| | 16 - 400 | PK252 | +25A13 | 304 | 333 + 339 |  |