

■ **Sleeves for compacted conductors, copper, 16 - 400 mm²**

For tubular compression cable lugs and connectors „DIN-type“

- For equalising the reduces conductor volume
- Annealed material optimises material and crimping characteristics

Characteristics

- For stranded, compacted conductors e.g. VDE 0295 Class 2

Material

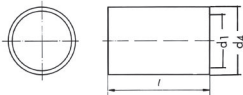
- Copper to EN 13600

Surface

- tin plated

Order info

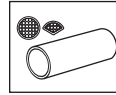
- Please observe instructions on page i-7



| Cross-section mm ² | Part No. | Dimensions mm | | | Weight/100 pcs. ~ kg | pcs. |
|-------------------------------|----------|---------------|------|----|----------------------|------|
| | | d1 | d4 | l | | |
| 16 | VHD16 | 5.0 | 5.3 | 16 | 0.035 | 100 |
| 25 | VHD25 | 6.4 | 6.7 | 16 | 0.043 | 100 |
| 35 | VHD35 | 7.7 | 8.2 | 17 | 0.094 | 100 |
| 50 | VHD50 | 9.0 | 9.5 | 23 | 0.151 | 50 |
| 70 | VHD70 | 10.6 | 11.2 | 24 | 0.219 | 50 |
| 95 | VHD95 | 12.4 | 13.0 | 28 | 0.298 | 50 |
| 120 | VHD120 | 13.9 | 14.5 | 30 | 0.357 | 50 |
| 150 | VHD150 | 15.4 | 16.0 | 30 | 0.395 | 25 |
| 185 | VHD185 | 17.6 | 18.2 | 38 | 0.579 | 25 |
| 240 | VHD240 | 19.9 | 20.5 | 38 | 0.645 | 25 |
| 300 | VHD300 | 22.4 | 23.0 | 48 | 0.913 | 5 |
| 400 | VHD400 | 25.4 | 26.2 | 58 | 1.692 | 5 |

■ **Sleeves for sector shaped conductors, copper, 35 - 240 mm²**

For tubular compression cable lugs and connectors „DIN-type“



- Prevents sector shaped conductors from splicing during pre-rounding
- Annealed material optimises material and crimping characteristics

Characteristics

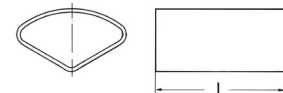
- For 3-core sector shaped conductor (120° angle)

Material

- Copper to EN 13600

Surface

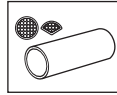
- tin plated



Order info

- Please observe instructions on page i-7
- Pre-rounding dies, see „Crimping dies“ column

| Cross-section mm ² | Part No. | mm l | Weight/ 100 pcs. ~ kg | pcs. |
|-------------------------------|----------|---------|-----------------------------|------|
| 35 | VHD353 | 17.5 | 0.11 | 100 |
| 50 | VHD503 | 25.0 | 0.26 | 50 |
| 70 | VHD703 | 25.0 | 0.39 | 50 |
| 95 | VHD953 | 32.0 | 0.66 | 50 |
| 120 | VHD1203 | 32.0 | 0.68 | 50 |
| 150 | VHD1503 | 32.0 | 0.74 | 25 |
| 185 | VHD1853 | 35.0 | 1.13 | 25 |
| 240 | VHD2403 | 35.0 | 1.22 | 25 |



■ **Sleeves for sector shaped conductors, copper, 35 - 240 mm²**

For tubular compression cable lugs and connectors „DIN-type“

- Prevents sector shaped conductors from splicing during pre-rounding
- Annealed material optimises material and crimping characteristics

Characteristics

- For 4-core sector shaped conductor (90° angle)

Material

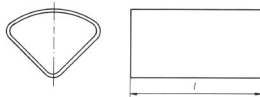
- Copper to EN 13600

Surface

- tin plated

Order info

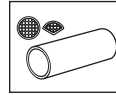
- Please observe instructions on page i-7
- Pre-rounding dies, see „Crimping dies“ column



| Cross-section mm ² | Part No. | mm l | Weight/ 100 pcs. ~ kg | pcs. |
|-------------------------------|----------------|---------|-----------------------------|------|
| 35 | VHD354 | 17.5 | 0.11 | 100 |
| 50 | VHD504 | 25.0 | 0.25 | 50 |
| 70 | VHD704 | 25.0 | 0.38 | 50 |
| 95 | VHD954 | 32.0 | 0.63 | 50 |
| 120 | VHD1204 | 32.0 | 0.71 | 50 |
| 150 | VHD1504 | 32.0 | 0.73 | 25 |
| 185 | VHD1854 | 35.0 | 1.09 | 25 |
| 240 | VHD2404 | 35.0 | 1.00 | 25 |

■ **Sleeves for compacted conductors, copper, 16 - 400 mm²**

For tubular cable lugs and connectors „standardtype“



- For equalising the reduced conductor volume
- Annealed material optimises material and crimping characteristics

Characteristics

- For stranded, compacted conductors e.g. VDE 0295 Class 2

Material

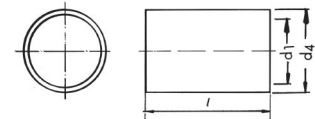
- Copper to EN 13600

Surface

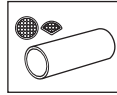
- tin plated

Order info

- Please observe instructions on page i-7



| Cross-section mm ² | Part No. | Dimensions mm | | | Weight/100 pcs. ~ kg | pcs. |
|-------------------------------|---------------|---------------|------|----|----------------------|------|
| | | d1 | d4 | l | | |
| 16 | VHR16 | 5.0 | 5.3 | 11 | 0.024 | 100 |
| 25 | VHR25 | 6.4 | 6.7 | 14 | 0.038 | 100 |
| 35 | VHR35 | 7.7 | 8.2 | 15 | 0.083 | 100 |
| 50 | VHR50 | 9.0 | 9.5 | 18 | 0.118 | 50 |
| 70 | VHR70 | 10.6 | 11.2 | 19 | 0.173 | 50 |
| 95 | VHR95 | 12.4 | 13.0 | 21 | 0.223 | 50 |
| 120 | VHR120 | 13.9 | 14.5 | 22 | 0.261 | 50 |
| 150 | VHR150 | 15.4 | 16.0 | 26 | 0.342 | 25 |
| 185 | VHR185 | 17.6 | 18.2 | 26 | 0.396 | 25 |
| 240 | VHR240 | 19.9 | 20.5 | 30 | 0.508 | 25 |
| 300 | VHR300 | 22.4 | 23.0 | 38 | 0.723 | 10 |
| 400 | VHR400 | 25.4 | 26.2 | 38 | 1.108 | 10 |



■ Sleeves for sector shaped conductors, copper, 35 - 240 mm²

For tubular cable lugs and connectors „standard type“

- Prevents sector shaped conductors from splicing during pre-rounding
- Annealed material optimises material and crimping characteristics

Characteristics

- For 3-core sector shaped conductor (120° angle)

Material

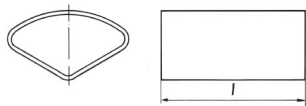
- Copper to EN 13600

Surface

- tin plated

Order info

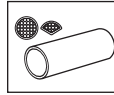
- Please observe instructions on page i-7
- Pre-rounding dies, see „Crimping dies“ column



| Cross-section mm ² | Part No. | Dim. mm | | Weight/100 pcs. ~ kg | pcs. |
|-------------------------------|----------------|---------|--|----------------------|------|
| | | l | | | |
| 35 | VHR353 | 14 | | 0.08 | 100 |
| 50 | VHR503 | 17 | | 0.17 | 50 |
| 70 | VHR703 | 18 | | 0.29 | 50 |
| 95 | VHR953 | 22 | | 0.45 | 50 |
| 120 | VHR1203 | 23 | | 0.49 | 50 |
| 150 | VHR1503 | 25 | | 0.58 | 25 |
| 185 | VHR1853 | 25 | | 0.80 | 25 |
| 240 | VHR2403 | 30 | | 1.04 | 25 |

■ **Sleeves for sector shaped conductors, copper, 35 - 240 mm²**

For tubular cable lugs and connectors „standard type“



- Prevents sector shaped conductors from splicing during pre-rounding
- Annealed material optimises material and crimping characteristics

Characteristics

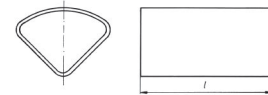
- For 4-core sector shaped conductor (90° angle)

Material

- Copper to EN 13600

Surface

- tin plated



Order info

- Please observe instructions on page i-7
- Pre-rounding dies, see „Crimping dies“ column

| Cross-section mm ² | Part No. | Dim. mm | | Weight/100 pcs. ~ kg | pcs. |
|-------------------------------|----------------|---------|--|----------------------|------|
| | | l | | | |
| 35 | VHR354 | 14 | | 0.13 | 100 |
| 50 | VHR504 | 17 | | 0.17 | 50 |
| 70 | VHR704 | 18 | | 0.28 | 50 |
| 95 | VHR954 | 22 | | 0.40 | 50 |
| 120 | VHR1204 | 23 | | 0.51 | 50 |
| 150 | VHR1504 | 25 | | 0.57 | 25 |
| 185 | VHR1854 | 25 | | 0.78 | 25 |
| 240 | VHR2404 | 30 | | 0.85 | 25 |