



**Winkelrohrkabelschuhe, Cu 6 - 400 mm<sup>2</sup>, 45° abgewinkelt**  
Normalausführung

- Für mehrdrähtige Rundleiter z. B. VDE 0295 Klasse 2
- Für rundgedrückte mehrdrähtige Sektorleiter

**Eigenschaften**

- Optimale Material- und Verpresseigenschaften durch geglühtes Material
- Plane Auflagefläche durch spezielle Winkelprägetechnik
- Präzise Endenbearbeitung zur einfachen Kabeleinführung

**Werkstoff**

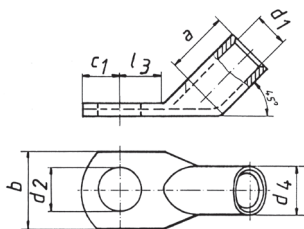
- Cu gemäß EN 13600

**Oberfläche**

- galvanisch verzinkt

**Bestellinfo**

- Auch mit Sichtloch lieferbar, Artikel-Nummer-Zusatz "ms"



| Nennquerschnitt mm <sup>2</sup> | Anschl.-bolzen Ø | Art.-Nr. | Abmessung mm |    |    |      |      |      |    | Gewicht/100 St. ~ kg | VE/St. |
|---------------------------------|------------------|----------|--------------|----|----|------|------|------|----|----------------------|--------|
|                                 |                  |          | d1           | a  | b  | d2   | d4   | c1   | l3 |                      |        |
| 6                               | M5               | 41R545   | 3,5          | 9  | 10 | 5,5  | 6,5  | 7,5  | 9  | 0,60                 | 50     |
|                                 | M6               | 41R645   | 3,5          | 9  | 12 | 6,5  | 6,5  | 7,5  | 10 | 0,58                 | 50     |
|                                 | M8               | 41R845   | 3,5          | 9  | 14 | 8,5  | 6,5  | 10,0 | 13 | 0,68                 | 50     |
|                                 | M10              | 41R1045  | 3,5          | 9  | 17 | 10,5 | 6,5  | 12,0 | 15 | 0,70                 | 50     |
|                                 | M12              | 41R1245  | 3,5          | 9  | 19 | 13,0 | 6,5  | 13,0 | 17 | 0,70                 | 50     |
| 10                              | M5               | 42R545   | 4,5          | 10 | 12 | 5,5  | 7,0  | 6,5  | 10 | 0,57                 | 50     |
|                                 | M6               | 42R645   | 4,5          | 10 | 12 | 6,5  | 7,0  | 6,5  | 10 | 0,57                 | 50     |
|                                 | M8               | 42R845   | 4,5          | 10 | 15 | 8,5  | 7,0  | 10,0 | 13 | 0,63                 | 50     |
|                                 | M10              | 42R1045  | 4,5          | 10 | 17 | 10,5 | 7,0  | 12,0 | 15 | 0,68                 | 50     |
|                                 | M12              | 42R1245  | 4,5          | 10 | 19 | 13,0 | 7,0  | 13,0 | 18 | 0,68                 | 50     |
| 16                              | M5               | 43R545   | 5,5          | 13 | 12 | 5,5  | 8,5  | 7,5  | 10 | 1,01                 | 50     |
|                                 | M6               | 43R645   | 5,5          | 13 | 12 | 6,5  | 8,5  | 7,5  | 11 | 1,06                 | 50     |
|                                 | M8               | 43R845   | 5,5          | 13 | 15 | 8,5  | 8,5  | 10,0 | 13 | 1,15                 | 50     |
|                                 | M10              | 43R1045  | 5,5          | 13 | 17 | 10,5 | 8,5  | 12,0 | 15 | 1,09                 | 50     |
|                                 | M12              | 43R1245  | 5,5          | 13 | 19 | 13,0 | 8,5  | 13,0 | 18 | 1,15                 | 50     |
| 25                              | M5               | 44R545   | 7,0          | 15 | 14 | 5,5  | 10,0 | 7,5  | 11 | 1,40                 | 25     |
|                                 | M6               | 44R645   | 7,0          | 15 | 14 | 6,5  | 10,0 | 7,5  | 11 | 1,32                 | 25     |
|                                 | M8               | 44R845   | 7,0          | 15 | 16 | 8,5  | 10,0 | 10,0 | 13 | 1,44                 | 25     |
|                                 | M10              | 44R1045  | 7,0          | 15 | 18 | 10,5 | 10,0 | 12,0 | 15 | 1,49                 | 25     |
|                                 | M12              | 44R1245  | 7,0          | 15 | 19 | 13,0 | 10,0 | 13,0 | 18 | 1,44                 | 25     |
|                                 | M14              | 44R1445  | 7,0          | 15 | 21 | 15,0 | 10,0 | 14,5 | 20 | 1,55                 | 25     |
| 35                              | M6               | 45R645   | 8,5          | 17 | 17 | 6,5  | 12,0 | 7,5  | 11 | 2,05                 | 25     |
|                                 | M8               | 45R845   | 8,5          | 17 | 17 | 8,5  | 12,0 | 10,0 | 13 | 2,20                 | 25     |
|                                 | M10              | 45R1045  | 8,5          | 17 | 19 | 10,5 | 12,0 | 12,0 | 15 | 2,28                 | 25     |
|                                 | M12              | 45R1245  | 8,5          | 17 | 21 | 13,0 | 12,0 | 13,0 | 18 | 2,38                 | 25     |
|                                 | M14              | 45R1445  | 8,5          | 17 | 21 | 15,0 | 12,0 | 14,5 | 20 | 2,41                 | 25     |
|                                 | M16              | 45R1645  | 8,5          | 17 | 26 | 17,0 | 12,0 | 16,0 | 22 | 2,40                 | 25     |
| 50                              | M6               | 46R645   | 10,0         | 19 | 20 | 6,5  | 14,0 | 10,0 | 13 | 3,43                 | 25     |
|                                 | M8               | 46R845   | 10,0         | 19 | 20 | 8,5  | 14,0 | 10,0 | 13 | 3,28                 | 25     |
|                                 | M10              | 46R1045  | 10,0         | 19 | 20 | 10,5 | 14,0 | 12,0 | 16 | 3,47                 | 25     |
|                                 | M12              | 46R1245  | 10,0         | 19 | 23 | 13,0 | 14,0 | 13,0 | 18 | 3,42                 | 25     |
|                                 | M14              | 46R1445  | 10,0         | 19 | 23 | 15,0 | 14,0 | 14,5 | 20 | 3,65                 | 25     |
|                                 | M16              | 46R1645  | 10,0         | 19 | 28 | 17,0 | 14,0 | 16,0 | 22 | 3,76                 | 25     |
|                                 | M20              | 46R2045  | 10,0         | 19 | 30 | 21,0 | 14,0 | 19,0 | 24 | 3,30                 | 25     |

■ **Winkelrohrkabelschuhe, Cu 6 - 400 mm<sup>2</sup>,  
45° abgewinkelt**  
Normalausführung

| Nennquerschnitt mm <sup>2</sup> | Anschl.-bolzen Ø | Art.-Nr.       | Abmessung mm |    |    |      |      |      |    | Gewicht/100 St. ~ kg | VE/St. |
|---------------------------------|------------------|----------------|--------------|----|----|------|------|------|----|----------------------|--------|
|                                 |                  |                | d1           | a  | b  | d2   | d4   | c1   | l3 |                      |        |
| 70                              | M6               | <b>47R645</b>  | 12,0         | 21 | 23 | 6,5  | 16,5 | 10,0 | 13 | 5,06                 | 25     |
|                                 | M8               | <b>47R845</b>  | 12,0         | 21 | 23 | 8,5  | 16,5 | 10,0 | 14 | 5,06                 | 25     |
|                                 | M10              | <b>47R1045</b> | 12,0         | 21 | 23 | 10,5 | 16,5 | 12,0 | 16 | 5,25                 | 25     |
|                                 | M12              | <b>47R1245</b> | 12,0         | 21 | 23 | 13,0 | 16,5 | 13,0 | 18 | 5,30                 | 25     |
|                                 | M14              | <b>47R1445</b> | 12,0         | 21 | 23 | 15,0 | 16,5 | 14,5 | 20 | 5,60                 | 25     |
|                                 | M16              | <b>47R1645</b> | 12,0         | 21 | 28 | 17,0 | 16,5 | 16,0 | 22 | 5,61                 | 25     |
|                                 | M20              | <b>47R2045</b> | 12,0         | 21 | 30 | 21,0 | 16,5 | 19,0 | 24 | 5,60                 | 25     |
| 95                              | M8               | <b>48R845</b>  | 13,5         | 25 | 26 | 8,5  | 18,0 | 12,0 | 14 | 6,19                 | 25     |
|                                 | M10              | <b>48R1045</b> | 13,5         | 25 | 26 | 10,5 | 18,0 | 12,0 | 17 | 5,70                 | 25     |
|                                 | M12              | <b>48R1245</b> | 13,5         | 25 | 26 | 13,0 | 18,0 | 13,0 | 18 | 6,67                 | 25     |
|                                 | M14              | <b>48R1445</b> | 13,5         | 25 | 26 | 15,0 | 18,0 | 14,5 | 20 | 6,60                 | 25     |
|                                 | M16              | <b>48R1645</b> | 13,5         | 25 | 28 | 17,0 | 18,0 | 16,0 | 22 | 6,78                 | 25     |
|                                 | M20              | <b>48R2045</b> | 13,5         | 25 | 36 | 21,0 | 18,0 | 22,0 | 24 | 6,80                 | 25     |
| 120                             | M8               | <b>49R845</b>  | 15,0         | 26 | 28 | 8,5  | 19,5 | 14,0 | 16 | 7,92                 | 10     |
|                                 | M10              | <b>49R1045</b> | 15,0         | 26 | 28 | 10,5 | 19,5 | 14,0 | 17 | 7,99                 | 10     |
|                                 | M12              | <b>49R1245</b> | 15,0         | 26 | 28 | 13,0 | 19,5 | 14,0 | 18 | 7,96                 | 10     |
|                                 | M14              | <b>49R1445</b> | 15,0         | 26 | 28 | 15,0 | 19,5 | 15,0 | 20 | 7,94                 | 10     |
|                                 | M16              | <b>49R1645</b> | 15,0         | 26 | 30 | 17,0 | 19,5 | 16,0 | 22 | 8,26                 | 10     |
|                                 | M20              | <b>49R2045</b> | 15,0         | 26 | 36 | 21,0 | 19,5 | 22,0 | 24 | 8,20                 | 10     |
| 150                             | M8               | <b>50R845</b>  | 16,5         | 30 | 31 | 8,5  | 21,0 | 14,0 | 16 | 9,00                 | 10     |
|                                 | M10              | <b>50R1045</b> | 16,5         | 30 | 31 | 10,5 | 21,0 | 14,0 | 17 | 9,15                 | 10     |
|                                 | M12              | <b>50R1245</b> | 16,5         | 30 | 31 | 13,0 | 21,0 | 15,0 | 18 | 8,75                 | 10     |
|                                 | M14              | <b>50R1445</b> | 16,5         | 30 | 31 | 15,0 | 21,0 | 15,0 | 20 | 9,20                 | 10     |
|                                 | M16              | <b>50R1645</b> | 16,5         | 30 | 31 | 17,0 | 21,0 | 16,0 | 22 | 9,22                 | 10     |
|                                 | M20              | <b>50R2045</b> | 16,5         | 30 | 36 | 21,0 | 21,0 | 22,0 | 24 | 9,26                 | 10     |
| 185                             | M10              | <b>51R1045</b> | 19,0         | 30 | 35 | 10,5 | 24,0 | 18,0 | 22 | 13,30                | 10     |
|                                 | M12              | <b>51R1245</b> | 19,0         | 30 | 35 | 13,0 | 24,0 | 18,0 | 22 | 13,32                | 10     |
|                                 | M14              | <b>51R1445</b> | 19,0         | 30 | 35 | 15,0 | 24,0 | 18,0 | 22 | 13,40                | 10     |
|                                 | M16              | <b>51R1645</b> | 19,0         | 30 | 35 | 17,0 | 24,0 | 18,0 | 22 | 12,80                | 10     |
|                                 | M20              | <b>51R2045</b> | 19,0         | 30 | 39 | 21,0 | 24,0 | 22,0 | 24 | 13,10                | 10     |
| 240                             | M10              | <b>52R1045</b> | 21,0         | 35 | 39 | 10,5 | 26,0 | 21,5 | 22 | 16,28                | 10     |
|                                 | M12              | <b>52R1245</b> | 21,0         | 35 | 39 | 13,0 | 26,0 | 21,5 | 22 | 16,80                | 10     |
|                                 | M14              | <b>52R1445</b> | 21,0         | 35 | 39 | 15,0 | 26,0 | 21,5 | 22 | 16,40                | 10     |
|                                 | M16              | <b>52R1645</b> | 21,0         | 35 | 39 | 17,0 | 26,0 | 21,5 | 22 | 16,10                | 10     |
|                                 | M20              | <b>52R2045</b> | 21,0         | 35 | 39 | 21,0 | 26,0 | 21,5 | 24 | 16,10                | 10     |
| 300                             | M12              | <b>53R1245</b> | 23,5         | 44 | 43 | 13,0 | 29,5 | 24,0 | 24 | 24,08                | 5      |
|                                 | M14              | <b>53R1445</b> | 23,5         | 44 | 43 | 15,0 | 29,5 | 24,0 | 24 | 24,20                | 5      |
|                                 | M16              | <b>53R1645</b> | 23,5         | 44 | 43 | 17,0 | 29,5 | 24,0 | 24 | 23,23                | 5      |
|                                 | M20              | <b>53R2045</b> | 23,5         | 44 | 43 | 21,0 | 29,5 | 24,0 | 24 | 23,50                | 5      |
| 400                             | M12              | <b>54R1245</b> | 27,0         | 44 | 49 | 13,0 | 34,0 | 24,0 | 24 | 34,00                | 5      |
|                                 | M14              | <b>54R1445</b> | 27,0         | 44 | 49 | 15,0 | 34,0 | 24,0 | 24 | 33,40                | 5      |
|                                 | M16              | <b>54R1645</b> | 27,0         | 44 | 49 | 17,0 | 34,0 | 24,0 | 24 | 34,28                | 5      |
|                                 | M20              | <b>54R2045</b> | 27,0         | 44 | 49 | 21,0 | 34,0 | 24,0 | 24 | 31,80                | 5      |

► 10-400 mm<sup>2</sup> IEC geprüft

ⓘ Hülsen für verdichtete Leiter sowie Hülsen für 3-Leiter und 4-Leiter Kabel  
siehe Kapitel "Hülsen für verdichtete Leiter und Sektorleiter - Cu"

► Werkzeug: siehe Tabelle Seite 43