# Cu terminals and connectors 0.75 - 1000 mm²

# General information about Cu terminals

## System Elpress

System Elpress consists of connectors and tools tested together for optimum connection result. The System concept makes you as a customer able to feel secure when using our system and to be sure a safe connection is made when Elpress products are used correctly.

## Cu-connections

Elpress Cu-connections are produced from electrolytic 99.9% copper. Terminals and through connectors exist in a large variety of types for stranded as well as for flexible conductors. C-sleeves for earth conductor branch off also come in a large number of sizes. If a standard type is not suitable, we produce tailor made designs specific to the application.

**KR/KRF** terminals and **KS/KSF** connectors may be used for both stranded and flexible conductors.

**KRD** terminals and **KSD** connectors are used for stranded conductors.

**KRT** terminals and **KST** connectors equal the German "Standard types" (not DIN!) and are used for stranded conductors.

**C-sleeves** are used for branch-off or cross connections for mainly earth conductors such as for lightning protection and earthing grids.

By crimping Elpress terminals and connectors with Elpress crimp tools, connections are achieved that meet the requirements of SEN 245010, BS 4579:1, VDE 0220:1, EN-IEC 61238:1 whichever is applicable.

## UL approved terminals

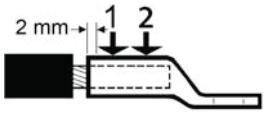
UL is an American standard which is also internationally accepted. Elpress standard Cu terminals of types **KR/KS, KRF/KSF** and **KRT/KST,** are UL approved according to no. E205350. Cu terminals of types **KR/KS, KRF/KSF** are for stranded and flexible copper wires, classes 2 and 5 according to IEC 60228, and have a working area of 1-500 mm².
Cu terminals of types **KRT/KST** is used for stranded copper wires 10-500 mm².

## DNV approved

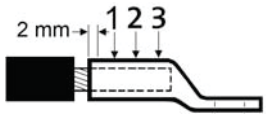
Elpress **KRF/KSF, KRT/KST** terminals comply with DNV's rules for the classification of ships and Det Norske Veritas' Offshore Standards. The terminals are approved for installations on ships and mobile offshore units.

## Number of crimps

Normally only one crimp per conductor end is needed up to and including 150 mm² and two crimps for larger areas. For detailed information reg no. of crimps, see tables for dies/tools. If possible multiple crimps should be positioned with a few mm distance from each other and from the neck end. In many cases however, overlapping crimps have to be made for space reasons.




*Crimp sequence with two adjacent crimps.*




*Crimp sequence with three adjacent crimps.*

## Markings on Cu-connections

Elpress marking system for Cu-connectors shows logotype, conductor area and ID-number for crimp die to be used. This system enables final inspection of proper die use as the die number is automatically imprinted by the die on the crimped barrel.

| Marking of tube terminals |
|---|
| **32** (on the terminal neck) |
| ID-no. for the hexagonal die |
| **(Elpress logo) 300-16F** (on the palm) |
| 300 = Cu-conductor area, mm² |
| 16 = hole for screw M16 |
| F = KRF |

| Marking of connectors |
|---|
| **(Elpress logo) 27** |
| ID-no. for hexagonal die |
| **185 F (possible screen area and an earth-sign)** |
| 185 = Cu-conductor area, mm² |
| F = KSF |

| Marking of tap-off C-sleeves |
|---|
| **120 - 150/70 - 95** |
| 120 - 150 = Cu-wire range, mm² |
| 70 - 95 = Cu-wire range, mm² |
| **(Elpress logotype) C16 - 13** Cat.no. |

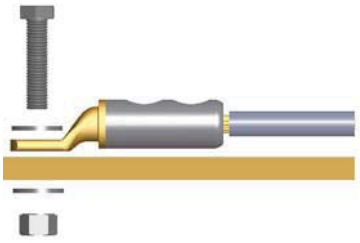
## Stud holes in terminal palms

| Screw-dimension | Hole diameter tolerance H13 (Ø mm) |
|---|---|
| M 3 | 3,2 |
| M 4 | 4,3 |
| M 5 | 5,3 |
| M 6 | 6,4 |
| M 8 | 8,4 |
| M 10 | 10,5 |
| M 12 | 13 |
| M 16 | 17 |
| M 20 | 21 |
| M 24 | 25 |

## Screws and washers

The following apply to bright galvanized nuts and screws in strength class 8.8 used for connecting terminals to Cu and Al bus bars:

- Always use a torque wrench to ensure that they are tightened to the right torque. Ensure it is regularly calibrated in accordance with the supplier's instructions.
- Use the recommended torque in accordance with the screw manufacturer's instructions.
- Always use a hard flat washer to reduce friction between the installation surface and hole edge pressure, min hardness HB200.
- A spring washer in accordance with DIN 6796 may be used together with a flat washer to further increase strength in advanced applications.
- Assemble as shown in image.



| Screw | Tightening torque (Nm) |
|---|---|
| M5 | 5 |
| M6 | 9 |
| M8 | 21 |
| M10 | 41 |
| M12 | 70 |
| M14 | 110 |
| M16 | 170 |
| M20 | 340 |

## EasyGuide

*- to easily insert flexible conductors into the terminal*

**EasyGuide** consists of a stand **(EG-TS)** and tapered inserts **(EG-xx)** which are chosen to fit the terminal size. Place the terminal in the guiding groove on one side of the insert and introduce the conductor from the other side, open the insert halves and remove the terminal with the conductor in place.
Finally a simple way to get all the strands into the barrel! Suits Elpress type - KRF terminals and connectors from 6 to 240 mm².

| Inserts | |
|---|---|
| 6 mm² | EG 6 |
| 10 mm² | EG 10 |
| 16 mm² | EG 16 |
| 25 mm² | EG 25 |
| 35 mm² | EG 35 |
| 50 mm² | EG 50 |
| 70 mm² | EG 70 |
| 95 mm² | EG 95 |
| 120 mm² | EG 120 |
| 150 mm² | EG 150 |
| 185 mm² | EG 185 |
| 240 mm² | EG 240 |


*EasyGuide.*

## Customized products

A customized product is an important part of our work. It is a special challenge to solve problems for customers while producing products profitably. In this way, we also have our knowledge of customer needs. Among these connectors include different models of T-connectors where you can connect three conductors of the same size by using only one connection. These are used for example in transformer manufacturing. Other connections in the transformer manufacturing is the terminal for tap changers and lead-through terminals. In summary, all connections are designed to be an easy way to ensure a high quality crimped connection even in advanced applications.

# Tube terminals 0.75 - 10 mm²

- Data: Cu 99.95%, tin plated
- Cable inspection hole, for flexible (class 5) and stranded (class 2) Cu-conductors.
- UL-approved (1-10 mm²).

**Marking example KR: 10 10**

10 = mm²  10 = palm hole for M10

c UL US LISTED


| AWG | mm² | Cat. no. | Screw | mm W | d | t | L | s | Pcs/ pack | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|---|
| (22)-18 | 0,75 | KR0,75-3* | M3 | 6,0 | 1,3 | 0,8 | 16,0 | 7 | 100 | DKB0760 |
| (22)-18 | | KR0,75-4* | M4 | 6,0 | 1,3 | 0,8 | 17,0 | 7 | 100 | DKB0760 |
| (18)-16 | 1,5 | KR1,5-3* | M3 | 6,5 | 1,8 | 1,0 | 16,0 | 7 | 100 | DKB0760 |
| (18)-16 | | KR1,5-4* | M4 | 6,5 | 1,8 | 1,0 | 17,0 | 7 | 100 | DKB0760 |
| (18)-16 | | KR1,5-5* | M5 | 7,5 | 1,8 | 0,8 | 18,0 | 7 | 100 | DKB0760 |
| (16)-14 | 2,5 | KR2,5-3* | M3 | 7,5 | 2,3 | 1,3 | 17,0 | 8 | 100 | DKB0760 |
| (16)-14 | | KR2,5-4* | M4 | 7,5 | 2,3 | 1,3 | 18,0 | 8 | 100 | DKB0760 |
| (16)-14 | | KR2,5-5* | M5 | 8,5 | 2,3 | 1,2 | 19,0 | 8 | 100 | DKB0760 |
| (16)-14 | | KR2,5-6* | M6 | 8,5 | 2,3 | 1,1 | 19,0 | 8 | 100 | DKB0760 |
| 12 | 4 | KR4-4 | M4 | 8,5 | 3,0 | 1,5 | 21 | 9 | 100 | GWB4099, ES2258 |
| 12 | | KR4-5 | M5 | 9,0 | 3,0 | 1,5 | 22 | 9 | 100 | GWB4099, ES2258 |
| 12 | | KR4-6 | M6 | 10,0 | 3,0 | 1,4 | 23 | 9 | 100 | GWB4099, ES2258 |
| 10 | 6 | KR6-4 | M4 | 9,5 | 4,0 | 1,7 | 22 | 9 | 100 | GWB4099, ES2258 |
| 10 | | KR6-5 | M5 | 9,5 | 4,0 | 1,7 | 22 | 9 | 100 | GWB4099, ES2258 |
| 10 | | KR6-6 | M6 | 10,0 | 4,0 | 1,6 | 23 | 9 | 100 | GWB4099, ES2258 |
| 10 | | KR6-8 | M8 | 13,0 | 4,0 | 1,2 | 30 | 9 | 100 | GWB4099, ES2258 |
| 8 | 10 | KR10-5 | M5 | 11,5 | 5,0 | 3,0 | 29 | 11 | 100 | GWB4099, ES2258 |
| 8 | | KR10-6 | M6 | 11,5 | 5,0 | 3,0 | 29 | 11 | 100 | GWB4099, ES2258 |
| 8 | | KR10-8 | M8 | 13,5 | 5,0 | 2,2 | 33 | 11 | 100 | GWB4099, ES2258 |
| 8 | | KR10-10 | M10 | 16,0 | 5,0 | 2,0 | 34 | 11 | 100 | GWB4099, ES2258 |
| 8 | | KR10-12 | M12 | 19,0 | 5,0 | 1,7 | 41 | 11 | 100 | GWB4099, ES2258 |

t = palm thickness  s = strip length
* without inspection hole

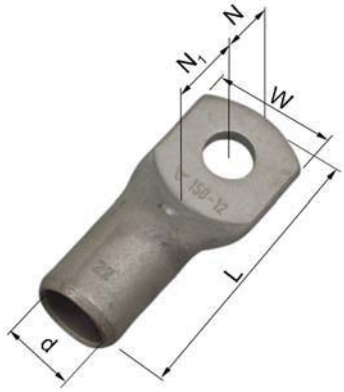
*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 16 - 800 mm², KRF, and 500 - 1000 mm², KRD

- Data: electrolytic copper, tin plated.
- Cable inspection hole, for stranded (class 2) and flexible (class 5) Cu-conductors.
- UL-approved (KRF 16-500 mm²). DNV-approved (KRF 16-400 mm²).

**Marking example KRF: 70 10F, KRD: 500 16 (Elpress logotype included)**

70 = mm² 10 = palm hole for M10 F = type KRF, for stranded and flexible conductors
500 = mm² 16 = palm hole for M16




| AWG | Cat. no. mm² - bolt hole M | mm W | d | N | $N_1$ | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 6 | KRF16-6 | 13,0 | 6,0 | 8,0 | 9,0 | 34 | 100 | 9 | V600, V1300 |
| 6 | KRF16-8 | 13,0 | 6,0 | 8,0 | 9,0 | 34 | 100 | 9 | V600, V1300 |
| 6 | KRF16-10 | 16,0 | 6,0 | 10,0 | 11,0 | 38 | 100 | 9 | V600, V1300 |
| 6 | KRF16-12 | 22 | 6,0 | 12,0 | 13,0 | 47 | 100 | 9 | V600, V1300 |
| 4 | KRF25-6 | 16,0 | 8,0 | 8,0 | 10,0 | 39 | 100 | 11 | V600, V1300 |
| 4 | KRF25-8 | 16,0 | 8,0 | 8,0 | 10,0 | 39 | 100 | 11 | V600, V1300 |
| 4 | KRF25-10 | 17,0 | 8,0 | 10,0 | 11,0 | 42 | 100 | 11 | V600, V1300 |
| 4 | KRF25-12 | 22 | 8,0 | 12,0 | 13,0 | 47 | 100 | 11 | V600, V1300 |
| 2 | KRF35-6 | 18,0 | 9,0 | 10,0 | 11,0 | 47 | 100 | 13 | V600, V1300 |
| 2 | KRF35-8 | 18,0 | 9,0 | 10,0 | 11,0 | 47 | 100 | 13 | V600, V1300 |
| 2 | KRF35-10 | 18,0 | 9,0 | 10,0 | 11,0 | 47 | 100 | 13 | V600, V1300 |
| 2 | KRF35-12 | 22 | 9,0 | 12,0 | 14,0 | 52 | 100 | 13 | V600, V1300 |
| 1/0 | KRF50-6 | 21 | 11,0 | 11,0 | 12,0 | 50 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-8 | 21 | 11,0 | 11,0 | 12,0 | 50 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-10 | 21 | 11,0 | 11,0 | 12,0 | 50 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-12 | 21 | 11,0 | 12,0 | 14,0 | 53 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-16 | 27 | 11,0 | 15,0 | 17,0 | 59 | 100 | 14,5 | V600, V1300 |
| 2/0 | KRF70-6 | 25 | 13,0 | 11,0 | 12,0 | 55 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-8 | 25 | 13,0 | 11,0 | 12,0 | 55 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-10 | 25 | 13,0 | 11,0 | 12,0 | 55 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-12 | 25 | 13,0 | 12,0 | 14,0 | 58 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-16 | 28 | 13,0 | 15,0 | 17,0 | 64 | 50 | 17 | V600, V1300 |
| 4/0 | KRF95-8 | 29 | 15,0 | 15,0 | 17,0 | 69 | 50 | 20 | V600, V1300 |
| 4/0 | KRF95-10 | 29 | 15,0 | 15,0 | 17,0 | 69 | 50 | 20 | V600, V1300 |
| 4/0 | KRF95-12 | 29 | 15,0 | 15,0 | 17,0 | 69 | 50 | 20 | V600, V1300 |
| 4/0 | KRF95-16 | 29 | 15,0 | 15,0 | 17,0 | 69 | 50 | 20 | V600, V1300 |
| 250 | KRF120-10 | 32 | 17,0 | 15,0 | 17,0 | 73 | 25 | 22 | V1300, V250 |
| 250 | KRF120-12 | 32 | 17,0 | 15,0 | 17,0 | 73 | 25 | 22 | V1300, V250 |
| 250 | KRF120-16 | 32 | 17,0 | 15,0 | 17,0 | 73 | 25 | 22 | V1300, V250 |
| 300 | KRF150-10 | 36 | 19,0 | 15,0 | 16,0 | 80 | 25 | 25 | V1300, V250 |
| 300 | KRF150-12 | 36 | 19,0 | 15,0 | 16,0 | 80 | 25 | 25 | V1300, V250 |
| 300 | KRF150-16 | 36 | 19,0 | 15,0 | 16,0 | 80 | 25 | 25 | V1300, V250 |
| 300 | KRF150-20 | 36 | 19,0 | 19,0 | 19,0 | 87 | 25 | 25 | V1300, V250 |
| 350 | KRF185-10 | 39 | 21 | 15,0 | 16,0 | 86 | 20 | 27 | V1300, V250 |
| 350 | KRF185-12 | 39 | 21 | 15,0 | 16,0 | 86 | 20 | 27 | V1300, V250 |
| 350 | KRF185-16 | 39 | 21 | 15,0 | 16,0 | 86 | 20 | 27 | V1300, V250 |
| 350 | KRF185-20 | 39 | 21 | 19,0 | 19 | 93 | 20 | 27 | V1300, V250 |
| 500 | KRF240A-10 | 42 | 22,5 | 19 | 20 | 96 | 10 | 30 | V1300, V250 |
| 500 | KRF240A-12 | 42 | 22,5 | 19 | 20 | 96 | 10 | 30 | V1300, V250 |
| 500 | KRF240A-16 | 42 | 22,5 | 19 | 20 | 96 | 10 | 30 | V1300, V250 |
| 500 | KRF240A-20 | 42 | 22,5 | 19 | 20 | 96 | 10 | 30 | V1300, V250 |

** total palm length

Table continue on next page.

*For detailed information regarding recommended tool or system, see chapter 6.*

*Cu terminals and connectors 0.75 - 1000 mm²*

| AWG | Cat. no. mm² - bolt hole M | mm W | d | N | $N_1$ | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 600 | KRF300A-10 | 46 | 24,5 | 15 | 19 | 93 | 10 | 32 | V1300, V250 |
| 600 | KRF300A-12 | 46 | 24,5 | 15 | 19 | 93 | 10 | 32 | V1300, V250 |
| 600 | KRF300A-16 | 46 | 24,5 | 20 | 20 | 99 | 10 | 32 | V1300, V250 |
| 600 | KRF300A-20 | 46 | 24,5 | 23 | 25 | 99 | 10 | 32 | V1300, V250 |
| 600 | KRF300A-24 | 46 | 24,5 | 23 | 25 | 107 | 10 | 32 | V1300, V250 |
| 750 | KRF400A-00 | 56 | 30 | - | - | 118 | 10 | 38 | V1300, V250 |
| 750 | KRF400A-12 | 56 | 30 | 15 | 25 | 111 | 10 | 38 | V1300, V250 |
| 750 | KRF400A-16 | 56 | 30 | 20 | 20 | 111 | 10 | 38 | V1300, V250 |
| 750 | KRF400A-20 | 56 | 30 | 23 | 25 | 118 | 10 | 38 | V1300, V250 |
| 750 | KRF400A-24 | 56 | 30 | 23 | 25 | 118 | 10 | 38 | V1300, V250 |
| | **For flexible Cu-conductors** | | | | | | | | |
| 1000 | KRF500-00 | 61 | 33 | 70** | | 160 | 5 | 42 | V250 |
| 1000 | KRF500-16 | 61 | 33 | 25 | 35 | 150 | 5 | 42 | V250 |
| 1000 | KRF500-20 | 61 | 33 | 25 | 35 | 150 | 5 | 42 | V250 |
| 1000 | KRF500-24 | 61 | 33 | 25 | 35 | 150 | 5 | 42 | V250 |
| | KRF630-00 | 75 | 39 | 80** | | 195 | 1 | 53 | V250 |
| | KRF630-20 | 75 | 39 | 35 | 45 | 195 | 1 | 53 | V250 |
| | KRF630-24 | 75 | 39 | 35 | 45 | 195 | 1 | 53 | V250 |
| | KRF800-00 | 75 | 42 | 80** | | 195 | 1 | 53 | V250 |
| | KRF800-24 | 75 | 42 | 35 | 45 | 195 | 1 | 53 | V250 |
| | **For stranded Cu-conductors** | | | | | | | | |
| | KRD500-00 | 58 | 31 | 70** | | 160 | 5 | 40 | V250 |
| | KRD500-16 | 58 | 31 | 25 | 35 | 150 | 5 | 40 | V250 |
| | KRD500-20 | 58 | 31 | 25 | 35 | 150 | 5 | 40 | V250 |
| | KRD500-24 | 58 | 31 | 25 | 35 | 150 | 5 | 40 | V250 |
| | KRD630-00 | 65 | 34 | 75** | | 165 | 1 | 45 | V250 |
| | KRD630-20 | 65 | 34 | 25 | 35 | 150 | 1 | 45 | V250 |
| | KRD630-24 | 65 | 34 | 25 | 35 | 150 | 1 | 45 | V250 |
| | KRD800-00 | 75 | 39 | 80** | | 195 | 1 | 53 | V250 |
| | KRD800-24 | 75 | 39 | 35 | 45 | 195 | 1 | 53 | V250 |
| | KRD1000-00 | 80 | 43 | 80** | | 195 | 1 | 56 | V1470 |

** total palm length

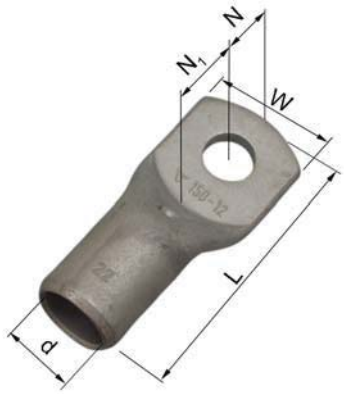
*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 10 - 1000 mm², KRT

- Data: electrolytic copper, tin plated.
- Cable inspection hole, for stranded (class 2) Cu-conductors.
- UL-approved (KRT 10-500 mm²). DNV-approved (KRT 10-400 mm²).

**Marking example KRT: 70 10 (Elpress logotype included)**

70 = mm² 10 = palm hole for M10




| AWG | Cat. no. | mm W | d | N | $N_1$ | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 8 | KRT10-5 | 10 | 4,5 | 6 | 8 | 29 | 100 | 7 | V600, V1300 |
| 8 | KRT10-6 | 10 | 4,5 | 6 | 8 | 29 | 100 | 7 | V600, V1300 |
| 8 | KRT10-8 | 13 | 4,5 | 8 | 11 | 34 | 100 | 7 | V600, V1300 |
| 8 | KRT10-10 | 16 | 4,5 | 8 | 11 | 34 | 100 | 7 | V600, V1300 |
| 8 | KRT10-12 | 19 | 4,5 | 10 | 14 | 41 | 100 | 7 | V600, V1300 |
| 6 | KRT16-5 | 12 | 5,5 | 6 | 8 | 34 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-6 | 12 | 5,5 | 6 | 8 | 34 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-8 | 15 | 5,5 | 8 | 11 | 39 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-10 | 16 | 5,5 | 8 | 11 | 39 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-12 | 19 | 5,5 | 10 | 15 | 47 | 100 | 8,5 | V600, V1300 |
| 4 | KRT25-6 | 14 | 7 | 9 | 12 | 43 | 100 | 10 | V600, V1300 |
| 4 | KRT25-8 | 15 | 7 | 9 | 12 | 43 | 100 | 10 | V600, V1300 |
| 4 | KRT25-10 | 16 | 7 | 9 | 12 | 43 | 100 | 10 | V600, V1300 |
| 4 | KRT25-12 | 19 | 7 | 12 | 13 | 48 | 100 | 10 | V600, V1300 |
| 2 | KRT35-6 | 17 | 8,5 | 9,5 | 11,5 | 49 | 100 | 12 | V600, V1300 |
| 2 | KRT35-8 | 17 | 8,5 | 9,5 | 11,5 | 49 | 100 | 12 | V600, V1300 |
| 2 | KRT35-10 | 19 | 8,5 | 9,5 | 11,5 | 49 | 100 | 12 | V600, V1300 |
| 2 | KRT35-12 | 22 | 8,5 | 12 | 14 | 53 | 100 | 12 | V600, V1300 |
| 1/0 | KRT50-6 | 20 | 10 | 11 | 12 | 53 | 100 | 14 | V600, V1300 |
| 1/0 | KRT50-8 | 20 | 10 | 11 | 12 | 53 | 100 | 14 | V600, V1300 |
| 1/0 | KRT50-10 | 20 | 10 | 11 | 12 | 53 | 100 | 14 | V600, V1300 |
| 1/0 | KRT50-12 | 22 | 10 | 12 | 14 | 56 | 100 | 14 | V600, V1300 |
| 2/0 | KRT70-8 | 23 | 12 | 11 | 12 | 55 | 100 | 16 | V600, V1300 |
| 2/0 | KRT70-10 | 23 | 12 | 11 | 12 | 55 | 100 | 16 | V600, V1300 |
| 2/0 | KRT70-12 | 23 | 12 | 12 | 14 | 58 | 100 | 16 | V600, V1300 |
| 4/0 | KRT95-8 | 26 | 13,5 | 11 | 12 | 60 | 100 | 18 | V600, V1300 |
| 4/0 | KRT95-10 | 26 | 13,5 | 11 | 12 | 60 | 100 | 18 | V600, V1300 |
| 4/0 | KRT95-12 | 26 | 13,5 | 12 | 14 | 63 | 100 | 18 | V600, V1300 |
| 4/0 | KRT95-16 | 28 | 13,5 | 15 | 17 | 69 | 100 | 18 | V600, V1300 |
| 250 | KRT120-10 | 28 | 15 | 11 | 14 | 64 | 100 | 19 | V1300, V250 |
| 250 | KRT120-12 | 28 | 15 | 12 | 14 | 64 | 100 | 19 | V1300, V250 |
| 250 | KRT120-16 | 28 | 15 | 15 | 17 | 70 | 100 | 19 | V1300, V250 |
| 300 | KRT150-12 | 32 | 17 | 15 | 17 | 76 | 50 | 22 | V1300, V250 |
| 300 | KRT150-16 | 32 | 17 | 15 | 17 | 76 | 50 | 22 | V1300, V250 |
| 300 | KRT150-20 | 32 | 17 | 19 | 20 | 83 | 50 | 22 | V1300, V250 |
| 350 | KRT185-12 | 35 | 19 | 15 | 17 | 79 | 50 | 24 | V1300, V250 |
| 350 | KRT185-16 | 35 | 19 | 15 | 17 | 79 | 50 | 24 | V1300, V250 |
| 350 | KRT185-20 | 35 | 19 | 19 | 20 | 86 | 50 | 24 | V1300, V250 |
| 500 | KRT240-12 | 38 | 21 | 15 | 17 | 86 | 50 | 26 | V1300, V250 |
| 500 | KRT240-16 | 38 | 21 | 15 | 17 | 86 | 50 | 26 | V1300, V250 |
| 500 | KRT240-20 | 38 | 21 | 19 | 20 | 93 | 50 | 26 | V1300, V250 |
| 600 | KRT300-12 | 44 | 24 | 19 | 20 | 100 | 25 | 30 | V1300, V250 |
| 600 | KRT300-16 | 44 | 24 | 19 | 20 | 100 | 25 | 30 | V1300, V250 |
| 600 | KRT300-20 | 44 | 24 | 19 | 20 | 100 | 25 | 30 | V1300, V250 |

** total palm length

Table continue on next page.

*For detailed information regarding recommended tool or system, see chapter 6.*

*Cu terminals and connectors 0.75 - 1000 mm²*

| AWG | Cat. no. | mm W | d | N | $N_1$ | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 750 | KRT400-16 | 48 | 26 | 21 | 31 | 114 | 25 | 32 | V1300, V250 |
| 750 | KRT400-20 | 48 | 26 | 21 | 31 | 114 | 25 | 32 | V1300, V250 |
| 750 | KRT400-24 | 48 | 26 | 21 | 31 | 114 | 25 | 32 | V1300, V250 |
| 1000 | KRT500-00 | 58 | 31 | 70** | - | 160 | - | 40 | V250 |
| 1000 | KRT500-16 | 58 | 31 | 25 | 35 | 150 | - | 40 | V250 |
| 1000 | KRT500-20 | 58 | 31 | 25 | 35 | 150 | - | 40 | V250 |
| 1000 | KRT500-24 | 58 | 31 | 25 | 35 | 150 | - | 40 | V250 |
| | KRT630-00 | 65 | 34 | 70** | - | 160 | - | 45 | V250 |
| | KRT630-20 | 65 | 34 | 25 | 35 | 150 | - | 45 | V250 |
| | KRT630-24 | 65 | 34 | 25 | 35 | 150 | - | 45 | V250 |
| | KRT800-00 | 75 | 39 | 80** | - | 195 | - | 53 | V250 |
| | KRT800-24 | 75 | 39 | 35 | 45 | 195 | - | 53 | V250 |
| | KRT1000-00 | 80 | 43 | 80** | - | 195 | - | 56 | V1470 |

** total palm length

*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 16 - 1000 mm², KRD

- Data: electrolytic copper, tin plated.
- Cable inspection hole, for stranded (class 2) Cu-conductors.

**Marking example KRD: 70 10 (Elpress logotype included)**

70 = mm²  10 = palm hole for M10


| Cat. no. | mm W | d | N | $N_1$ | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|
| KRD16-5 | 12 | 5,4 | 6 | 8 | 29 | 100 | 8 | V600, V1300 |
| KRD16-6 | 12 | 5,4 | 6 | 8 | 29 | 100 | 8 | V600, V1300 |
| KRD16-8 | 14 | 5,4 | 8 | 9 | 33 | 100 | 8 | V600, V1300 |
| KRD16-10 | 16 | 5,4 | 8 | 10 | 34 | 100 | 8 | V600, V1300 |
| KRD16-12 | 18 | 5,4 | 10 | 14 | 41 | 100 | 8 | V600, V1300 |
| KRD25-6 | 13 | 6,7 | 7 | 9 | 32 | 100 | 9 | V600, V1300 |
| KRD25-8 | 13 | 6,7 | 7 | 9 | 32 | 100 | 9 | V600, V1300 |
| KRD25-10 | 16 | 6,7 | 10 | 12 | 38 | 100 | 9 | V600, V1300 |
| KRD25-12 | 22 | 6,7 | 12 | 13 | 47 | 100 | 9 | V600, V1300 |
| KRD35-6 | 16 | 8 | 8 | 10 | 39 | 100 | 11 | V600, V1300 |
| KRD35-8 | 16 | 8 | 8 | 10 | 39 | 100 | 11 | V600, V1300 |
| KRD35-10 | 17 | 8 | 10 | 11 | 42 | 100 | 11 | V600, V1300 |
| KRD35-12 | 22 | 8 | 12 | 13 | 47 | 100 | 11 | V600, V1300 |
| KRD50-6 | 18 | 9,5 | 8,5 | 11,5 | 44 | 100 | 12 | V600, V1300 |
| KRD50-8 | 18 | 9,5 | 8,5 | 11,5 | 44 | 100 | 12 | V600, V1300 |
| KRD50-10 | 18 | 9,5 | 9,5 | 11,5 | 49 | 100 | 12 | V600, V1300 |
| KRD50-12 | 20 | 9,5 | 12 | 14 | 53 | 100 | 12 | V600, V1300 |
| KRD70-8 | 22 | 11,3 | 11 | 12 | 54 | 50 | 14 | V600, V1300 |
| KRD70-10 | 22 | 11,3 | 11 | 12 | 54 | 50 | 14 | V600, V1300 |
| KRD70-12 | 22 | 11,3 | 12 | 14 | 57 | 50 | 14 | V600, V1300 |
| KRD95-8 | 24 | 13 | 11 | 12 | 58 | 50 | 16 | V600, V1300 |
| KRD95-10 | 24 | 13 | 11 | 12 | 58 | 50 | 16 | V600, V1300 |
| KRD95-12 | 24 | 13 | 12 | 14 | 61 | 50 | 16 | V600, V1300 |
| KRD95-16 | 28 | 13 | 15 | 17 | 67 | 50 | 16 | V600, V1300 |
| KRD120-10 | 28 | 15 | 11 | 15 | 64 | 50 | 19 | V1300, V250 |
| KRD120-12 | 28 | 15 | 11 | 15 | 64 | 50 | 19 | V1300, V250 |
| KRD120-16 | 28 | 15 | 15 | 17 | 70 | 50 | 19 | V1300, V250 |
| KRD150-12 | 32 | 17 | 15 | 17 | 76 | 50 | 22 | V1300, V250 |
| KRD150-16 | 32 | 17 | 15 | 17 | 76 | 50 | 22 | V1300, V250 |
| KRD150-20 | 32 | 17 | 19 | 20 | 83 | 50 | 22 | V1300, V250 |
| KRD185-12 | 36 | 19 | 15 | 17 | 80 | 50 | 25 | V1300, V250 |
| KRD185-16 | 36 | 19 | 15 | 17 | 80 | 50 | 25 | V1300, V250 |
| KRD185-20 | 36 | 19 | 19 | 20 | 87 | 50 | 25 | V1300, V250 |
| KRD240-12 | 39 | 21 | 15 | 17 | 86 | 50 | 27 | V1300, V250 |
| KRD240-16 | 39 | 21 | 15 | 17 | 86 | 50 | 27 | V1300, V250 |
| KRD240-20 | 39 | 21 | 19 | 20 | 93 | 50 | 27 | V1300, V250 |
| KRD300-12 | 44 | 24 | 19 | 20 | 100 | 25 | 30 | V1300, V250 |
| KRD300-16 | 44 | 24 | 19 | 20 | 100 | 25 | 30 | V1300, V250 |
| KRD300-20 | 44 | 24 | 19 | 20 | 100 | 25 | 30 | V1300, V250 |
| KRD400-16 | 48 | 26 | 22 | 31 | 116 | 25 | 32 | V1300, V250 |
| KRD400-20 | 48 | 26 | 22 | 31 | 116 | 25 | 32 | V1300, V250 |
| KRD400-24 | 48 | 26 | 22 | 31 | 116 | 25 | 32 | V1300, V250 |
| KRD500-00 | 58 | 31 | 70** | | 160 | 5 | 40 | V250 |
| KRD500-16 | 58 | 31 | 25 | 35 | 150 | 5 | 40 | V250 |
| KRD500-20 | 58 | 31 | 25 | 35 | 150 | 5 | 40 | V250 |
| KRD500-24 | 58 | 31 | 25 | 35 | 150 | 5 | 40 | V250 |

** total palm length

Table continue on next page.

*For detailed information regarding recommended tool or system, see chapter 6.*

| Cat. no. | mm W | d | N | $N_1$ | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|
| KRD630-00 | 65 | 34 | 75** | | 165 | 1 | 45 | V250 |
| KRD630-20 | 65 | 34 | 25 | 35 | 150 | 1 | 45 | V250 |
| KRD630-24 | 65 | 34 | 25 | 35 | 150 | 1 | 45 | V250 |
| KRD800-00 | 75 | 39 | 80** | | 195 | 1 | 53 | V250 |
| KRD800-24 | 75 | 39 | 35 | 45 | 195 | 1 | 53 | V250 |
| KRD1000-00 | 80 | 43 | 80** | | 195 | 1 | 56 | V1470 |

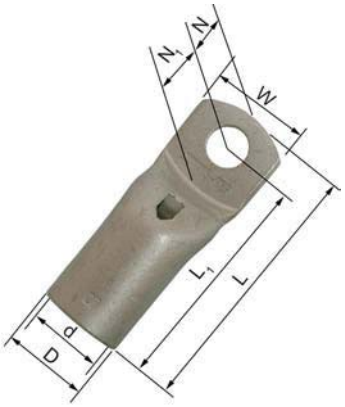
** total palm length

## Cu terminals 50 - 240 mm², KRFN, with narrow palm

- Data: electrolytic copper, tin plated.
- Cable inspection hole, for stranded (class 2) and flexible (class 5) Cu-conductors.
- Easy to mount through conduits, enables pre-assembly.

**Marking example KRF: 70 10F (Elpress logotype included)**

70 = mm² 10 = palm hole for M10 F = type KRF, for stranded and flexible conductors




| Cat. no. mm², Bolt | mm W | d | D | N | $N_1$ | $L_1$ | L | Pcs/Pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|---|
| KRFN50-6 | 18 | 11 | 14,5 | 11 | 11 | 40 | 51 | 100 | 14,5 | V600, V1300 |
| KRFN50-8 | 18 | 11 | 14,5 | 11 | 11,5 | 40 | 51 | 100 | 14,5 | V600, V1300 |
| KRFN50-10 | 18 | 11 | 14,5 | 11 | 11,5 | 40 | 51 | 100 | 14,5 | V600, V1300 |
| KRFN70-6 | 20 | 13,0 | 17,0 | 11 | 11,5 | 45 | 56 | 50 | 14,5 | V600, V1300 |
| KRFN70-8 | 20 | 13,0 | 17,0 | 11 | 11,5 | 45 | 56 | 50 | 17 | V600, V1300 |
| KRFN70-10 | 20 | 13,0 | 17,0 | 11 | 11,5 | 45 | 56 | 50 | 17 | V600, V1300 |
| KRFN95-8 | 24 | 15,0 | 20,0 | 11 | 12 | 50 | 61 | 50 | 20 | V600, V1300 |
| KRFN95-10 | 24 | 15,0 | 20,0 | 11 | 13 | 51 | 62 | 50 | 20 | V600, V1300 |
| KRFN95-12 | 24 | 15,0 | 20,0 | 12 | 14 | 52 | 64 | 50 | 20 | V600, V1300 |
| KRFN120-8 | 26 | 17,0 | 22,0 | 11 | 12 | 54 | 65 | 50 | 22 | V1300, V250 |
| KRFN120-10 | 26 | 17,0 | 22,0 | 11 | 13 | 55 | 66 | 50 | 22 | V1300, V250 |
| KRFN120-12 | 26 | 17,0 | 22,0 | 12 | 14 | 56 | 68 | 50 | 22 | V1300, V250 |
| KRFN150-10 | 30 | 19,0 | 25,0 | 11 | 13 | 62 | 73 | 50 | 25 | V1300, V250 |
| KRFN150-12 | 30 | 19,0 | 25,0 | 12 | 14 | 63 | 75 | 50 | 25 | V1300, V250 |
| KRFN185-10 | 32 | 21,0 | 27,0 | 11 | 14 | 69 | 80 | 25 | 27 | V1300, V250 |
| KRFN185-12 | 32 | 21,0 | 27,0 | 12 | 15 | 70 | 82 | 25 | 27 | V1300, V250 |
| KRFN185-16 | 32 | 21,0 | 27,0 | 15 | 16 | 71 | 86 | 25 | 27 | V1300, V250 |
| KRFN240A-10 | 38 | 22,5 | 29,0 | 11 | 16 | 73 | 84 | 50 | 30 | V1300, V250 |
| KRFN240A-12 | 38 | 22,5 | 29,0 | 12 | 15 | 72 | 84 | 50 | 30 | V1300, V250 |
| KRFN240A-16 | 38 | 22,5 | 29,0 | 15 | 18 | 75 | 90 | 50 | 30 | V1300, V250 |

KRFN terminals suitable for narrow spaces.

Easy to mount through conduits.

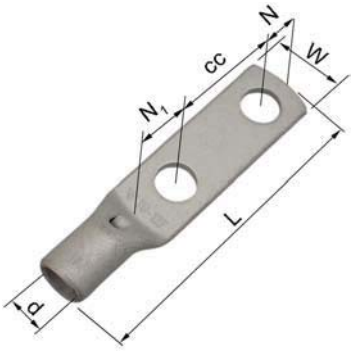
*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals with two stud holes 35 - 400 mm², KRF

- Data: electrolytic copper, tin plated.
- Cable inspection hole, for stranded (class 2) and flexible (class 5) Cu-conductors.
- UL-approved (KRF 35-400 mm²). DNV-approved (marked with *).

**Marking example KRF: 70 10F (Elpress logotype included)**

70 = mm² 10 = palm hole for M10 F = type KRF, for flexible and stranded conductors




| AWG | Cat. no. mm², bolt hole, cc-measure | mm W | d | N | $N_1$ | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 2 | KRF35-10X2-24-26 | 18,5 | 9 | 11 | 16 | 78 | 100 | 13 | V600, V1300 |
| 1/0 | KRF50-10X2-24-26 | 20,5 | 11 | 11 | 16 | 82 | 100 | 14,5 | V600, V1300 |
| 2/0 | KRF70-10x2-24-26 | 25 | 13,0 | 11 | 17 | 86 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-12X2-40* | 25 | 13,0 | 12 | 18 | 103 | 25 | 17 | V600, V1300 |
| 4/0 | KRF95-10X2-24-26 | 29 | 15,0 | 11 | 19 | 93 | 25 | 20 | V600, V1300 |
| 4/0 | KRF95-12X2-40* | 29 | 15,0 | 12 | 18 | 109 | 25 | 20 | V600, V1300 |
| 250 | KRF120-10X2-24-26 | 32 | 17,0 | 11 | 19 | 97 | 25 | 22 | V1300, V250 |
| 250 | KRF120-12X2-40* | 32 | 17,0 | 12 | 19 | 113 | 25 | 22 | V1300, V250 |
| 300 | KRF150-10X2-24-26 | 36 | 19,0 | 11 | 19 | 104 | 25 | 25 | V1300, V250 |
| 300 | KRF150-12X2-40 | 36 | 19,0 | 12 | 19 | 120 | 20 | 25 | V1300, V250 |
| 350 | KRF185-10X2-24-26 | 39 | 21 | 13 | 19 | 111 | 20 | 27 | V1300, V250 |
| 350 | KRF185-12X2-40* | 39 | 21 | 12 | 20 | 126 | 20 | 27 | V1300, V250 |
| 500 | KRF240A-10X2-24-26 | 42 | 22,5 | 11 | 22 | 115 | 10 | 30 | V1300, V250 |
| 500 | KRF240A-12X2-40* | 42 | 22,5 | 12 | 21 | 130 | 10 | 30 | V1300, V250 |
| 600 | KRF300A-12X2-40* | 46 | 24,5 | 12 | 22 | 133 | 5 | 32 | V1300, V250 |
| 750 | KRF400A-12X2-40 | 56 | 30 | 12 | 23 | 145 | 1 | 38 | V1300, V250 |

* DNV-approved

*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 45°, 10 - 150 mm², KRF

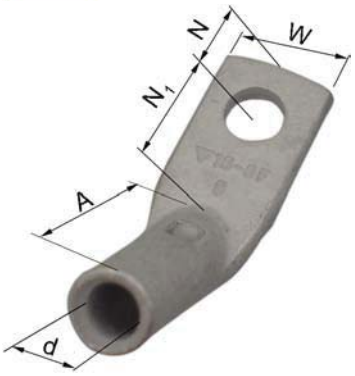
- Data: electrolytic copper, tin plated.
- Cable inspection hole, for stranded (class 2) and flexible (class 5) Cu-conductors.
- UL-approved (KRF 35-150 mm²). DNV-approved (16-150 mm²).

**Marking example KRF: 70 10F (Elpress logotype included)**

70 = mm² 10 = palm hole for M10 F = type KRF, for stranded and flexible conductors

c UL US LISTED

DNV




| AWG | Cat. no. mm², Bolt, 45° | mm W | d | N | $N_1$ | A | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 8 | KR10-6-45GR | 13,0 | 5,0 | 6,5 | 11,5 | 19 | 100 | 8 | V600, V1300 |
| 8 | KR10-8-45GR | 13,5 | 5,0 | 8,5 | 12,0 | 19 | 100 | 8 | V600, V1300 |
| 6 | KRF16-6-45GR | 13,0 | 6,0 | 6,5 | 11,5 | 23 | 100 | 9 | V600, V1300 |
| 6 | KRF16-8-45GR | 13,5 | 6,0 | 8,5 | 12,0 | 23 | 100 | 9 | V600, V1300 |
| 4 | KRF25-6-45GR | 17,0 | 8,0 | 6,5 | 11,5 | 24 | 100 | 11 | V600, V1300 |
| 4 | KRF25-8-45GR | 17,0 | 8,0 | 8,5 | 12,0 | 24 | 100 | 11 | V600, V1300 |
| 4 | KRF25-10-45GR | 17,0 | 8,0 | 11,5 | 13,5 | 24 | 100 | 11 | V600, V1300 |
| 2 | KRF35-6-45GR | 18,0 | 9,0 | 6,5 | 11,5 | 30 | 100 | 13 | V600, V1300 |
| 2 | KRF35-8-45GR | 18,0 | 9,0 | 8,5 | 12,0 | 30 | 100 | 13 | V600, V1300 |
| 2 | KRF35-10-45GR | 18,0 | 9,0 | 11,5 | 13,5 | 30 | 100 | 13 | V600, V1300 |
| 1/0 | KRF50-8-45GR | 21 | 11,0 | 8,5 | 17,5 | 31 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-10-45GR | 21 | 11,0 | 11,5 | 18,5 | 31 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-12-45GR | 21 | 11,0 | 12,5 | 19,5 | 31 | 100 | 14,5 | V600, V1300 |
| 2/0 | KRF70-8-45GR | 25 | 13,0 | 8,5 | 17,5 | 35 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-10-45GR | 25 | 13,0 | 11,5 | 18,5 | 35 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-12-45GR | 25 | 13,0 | 12,5 | 19,5 | 35 | 50 | 17 | V600, V1300 |
| 4/0 | KRF95-10-45GR | 29 | 15,0 | 11,5 | 18,5 | 40 | 50 | 20 | V600, V1300 |
| 4/0 | KRF95-12-45GR | 29 | 15,0 | 12,5 | 19,5 | 40 | 50 | 20 | V600, V1300 |
| 4/0 | KRF95-16-45GR | 29 | 15,0 | 15,5 | 20,5 | 40 | 50 | 20 | V600, V1300 |
| 250 | KRF120-10-45GR | 32 | 17,0 | 11,5 | 18,5 | 43 | 25 | 22 | V1300, V250 |
| 250 | KRF120-12-45GR | 32 | 17,0 | 12,5 | 19,5 | 43 | 25 | 22 | V1300, V250 |
| 250 | KRF120-16-45GR | 32 | 17,0 | 15,5 | 20,4 | 43 | 25 | 22 | V1300, V250 |
| 300 | KRF150-10-45GR | 36 | 19,0 | 11,5 | 18,5 | 49 | 25 | 25 | V1300, V250 |
| 300 | KRF150-12-45GR | 36 | 19,0 | 12,5 | 19,5 | 49 | 25 | 25 | V1300, V250 |
| 300 | KRF150-16-45GR | 36 | 19,0 | 15,5 | 20,5 | 49 | 25 | 25 | V1300, V250 |

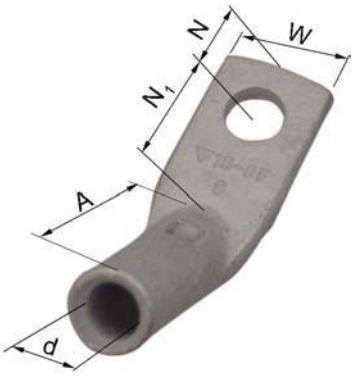
*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 45°, 10 - 120 mm², KRT

- Data: electrolytic copper, tin plated.
- Without cable inspection hole, for stranded (class 2) Cu-conductors.
- UL-approved. DNV-approved.

**Marking example KRF: 70 10F (Elpress logotype included)**

70 = mm² 10 = palm hole for M10 F = type KRF, for stranded and flexible conductors




| AWG | Cat. no. | mm W | d | N | $N_1$ | A | Pcs/pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 8 | KRT10-6NS-45GR | 13 | 4,5 | 6,5 | 11,5 | 20 | 100 | 7 | V600, V1300 |
| 8 | KRT10-8NS-45GR | 13,5 | 4,5 | 8,5 | 12 | 20 | 100 | 7 | V600, V1300 |
| 6 | KRT16-6NS-45GR | 13 | 5,4 | 6,5 | 11,5 | 23 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-8NS-45GR | 13,5 | 5,4 | 8,5 | 12 | 23 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-10NS-45GR | 16 | 5,4 | 11,5 | 13,5 | 23 | 100 | 8,5 | V600, V1300 |
| 4 | KRT25-6NS-45GR | 14 | 7 | 6,5 | 11,5 | 26 | 100 | 10 | V600, V1300 |
| 4 | KRT25-8NS-45GR | 14 | 7 | 8,5 | 12 | 26 | 100 | 10 | V600, V1300 |
| 4 | KRT25-10NS-45GR | 16 | 7 | 11,5 | 13,5 | 26 | 100 | 10 | V600, V1300 |
| 2 | KRT35-6NS-45GR | 17 | 8,5 | 6,5 | 11,5 | 30 | 100 | 12 | V600, V1300 |
| 2 | KRT35-8NS-45GR | 17 | 8,5 | 8,5 | 12 | 30 | 100 | 12 | V600, V1300 |
| 2 | KRT35-10NS-45GR | 19 | 8,5 | 11,5 | 13,5 | 30 | 100 | 12 | V600, V1300 |
| 1/0 | KRT50-8NS-45GR | 20 | 10 | 8,5 | 17,5 | 32 | 100 | 14 | V600, V1300 |
| 1/0 | KRT50-10NS-45GR | 20 | 10 | 11,5 | 18,5 | 32 | 100 | 14 | V600, V1300 |
| 1/0 | KRT50-12NS-45GR | 22 | 10 | 12,5 | 19,5 | 32 | 100 | 14 | V600, V1300 |
| 2/0 | KRT70-8NS-45GR | 23 | 12 | 8,5 | 17,5 | 38 | 50 | 16 | V600, V1300 |
| 2/0 | KRT70-10NS-45GR | 23 | 12 | 11,5 | 18,5 | 38 | 50 | 16 | V600, V1300 |
| 2/0 | KRT70-12NS-45GR | 23 | 12 | 12,5 | 19,5 | 38 | 50 | 16 | V600, V1300 |
| 4/0 | KRT95-8NS-45GR | 28 | 13,5 | 8,5 | 17,5 | 38 | 50 | 18 | V600, V1300 |
| 4/0 | KRT95-10NS-45GR | 28 | 13,5 | 11,5 | 18,5 | 38 | 50 | 18 | V600, V1300 |
| 4/0 | KRT95-12NS-45GR | 28 | 13,5 | 12,5 | 19,5 | 38 | 50 | 18 | V600, V1300 |
| 4/0 | KRT95-16NS-45GR | 28 | 13,5 | 15,5 | 20,5 | 38 | 50 | 18 | V600, V1300 |
| 250 | KRT120-10NS-45GR | 29 | 15 | 11,5 | 18,5 | 41 | 25 | 19 | V600, V1300 |
| 250 | KRT120-12NS-45GR | 29 | 15 | 12,5 | 19,5 | 41 | 25 | 19 | V600, V1300 |
| 250 | KRT120-16NS-45GR | 29 | 15 | 15,5 | 20,5 | 41 | 25 | 19 | V600, V1300 |



*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 90° degrees 10 - 150 mm², KRF

- Data: electrolytic copper, tin plated.
- Cable inspection hole, for stranded (class 2) and flexible (class 5) Cu-conductors.
- UL-approved (35-150 mm²). DNV-approved (16-150 mm²).

**Marking example KRF: 70 10F (Elpress logotype included)**

70 = mm² 10 = palm hole for M10 F = type KRF, for stranded and flexible conductors

c UL US LISTED

DNV


| AWG | Cat. no. mm², Bolt | mm W | d | N | $N_1$ | A | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 8 | KR10-6-90GR | 13,0 | 5,0 | 6,5 | 11,5 | 15 | 100 | 8 | V600, V1300 |
| 8 | KR10-8-90GR | 13,5 | 5,0 | 8,5 | 12,0 | 15 | 100 | 8 | V600, V1300 |
| 6 | KRF16-6-90GR | 13,0 | 6,0 | 6,5 | 11,5 | 16,5 | 100 | 9 | V600, V1300 |
| 6 | KRF16-8-90GR | 13,5 | 6,0 | 8,5 | 12,0 | 16,5 | 100 | 9 | V600, V1300 |
| 4 | KRF25-6-90GR | 17,0 | 8,0 | 6,5 | 11,5 | 18,5 | 100 | 11 | V600, V1300 |
| 4 | KRF25-8-90GR | 17,0 | 8,0 | 8,5 | 12,0 | 18,5 | 100 | 11 | V600, V1300 |
| 4 | KRF25-10-90GR | 17,0 | 8,0 | 11,5 | 13,5 | 18,5 | 100 | 11 | V600, V1300 |
| 2 | KRF35-6-90GR | 18,0 | 9,0 | 6,5 | 11,5 | 22,5 | 100 | 13 | V600, V1300 |
| 2 | KRF35-8-90GR | 18,0 | 9,0 | 8,5 | 12,0 | 22,5 | 100 | 13 | V600, V1300 |
| 2 | KRF35-10-90GR | 18,0 | 9,0 | 11,5 | 13,5 | 22,5 | 100 | 13 | V600, V1300 |
| 1/0 | KRF50-8-90GR | 21 | 11,0 | 8,5 | 17,5 | 30,5 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-10-90GR | 21 | 11,0 | 11,5 | 18,5 | 30,5 | 100 | 14,5 | V600, V1300 |
| 1/0 | KRF50-12-90GR | 21 | 11,0 | 12,5 | 19,5 | 30,5 | 100 | 14,5 | V600, V1300 |
| 2/0 | KRF70-8-90GR | 25 | 13,0 | 8,5 | 17,5 | 31,5 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-10-90GR | 25 | 13,0 | 11,5 | 18,5 | 31,5 | 50 | 17 | V600, V1300 |
| 2/0 | KRF70-12-90GR | 25 | 13,0 | 12,5 | 19,5 | 31,5 | 50 | 17 | V600, V1300 |
| 4/0 | KRF95-10-90GR | 29 | 15,0 | 11,5 | 18,5 | 32,5 | 50 | 20 | V600, V1300 |
| 4/0 | KRF95-12-90GR | 29 | 15,0 | 12,5 | 19,5 | 32,5 | 50 | 20 | V600, V1300 |
| 4/0 | KRF95-16-90GR | 29 | 15,0 | 15,5 | 20,5 | 32,5 | 50 | 20 | V600, V1300 |
| 250 | KRF120-10-90GR | 32 | 17,0 | 11,5 | 18,5 | 34,5 | 25 | 22 | V1300, V250 |
| 250 | KRF120-12-90GR | 32 | 17,0 | 12,5 | 19,5 | 34,5 | 25 | 22 | V1300, V250 |
| 250 | KRF120-16-90GR | 32 | 17,0 | 15,5 | 20,5 | 34,5 | 25 | 22 | V1300, V250 |
| 300 | KRF150-10-90GR | 36 | 19,0 | 11,5 | 18,5 | 37,5 | 25 | 25 | V1300, V250 |
| 300 | KRF150-12-90GR | 36 | 19,0 | 12,5 | 19,5 | 37,5 | 25 | 25 | V1300, V250 |
| 300 | KRF150-16-90GR | 36 | 19,0 | 15,5 | 20,5 | 37,5 | 25 | 25 | V1300, V250 |

*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 90° degrees 10 - 120 mm², KRT

- Data: electrolytic copper, tin plated.
- For stranded (class 2) Cu-conductors.
- **KRT**-types are without inspection hole (NS).
- UL-approved. DNV-approved.

**Marking example KRF: 70 10F (Elpress logotype included)**

70 = mm² 10 = palm hole for M10 F = type KRF, for stranded and flexible conductors


| AWG | Cat. no. | mm W | d | N | $N_1$ | A | Pcs/Pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| 8 | KRT10-6NS-90GR | 13 | 4,5 | 6,5 | 11,5 | 15,5 | 100 | 7 | V600, V1300 |
| 8 | KRT10-8NS-90GR | 13,5 | 4,5 | 8,5 | 12 | 15,5 | 100 | 7 | V600, V1300 |
| 6 | KRT16-6NS-90GR | 13 | 5,4 | 6,5 | 11,5 | 16,5 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-8NS-90GR | 13,5 | 5,4 | 8,5 | 12 | 16,5 | 100 | 8,5 | V600, V1300 |
| 6 | KRT16-10NS-90GR | 16 | 5,4 | 11,5 | 13,5 | 17 | 100 | 8,5 | V600, V1300 |
| 4 | KRT25-6NS-90GR | 14 | 7 | 6,5 | 11,5 | 20 | 100 | 10 | V600, V1300 |
| 4 | KRT25-8NS-90GR | 14 | 7 | 8,5 | 12 | 20 | 100 | 10 | V600, V1300 |
| 4 | KRT25-10NS-90GR | 16 | 7 | 11,5 | 13,5 | 20 | 100 | 10 | V600, V1300 |
| 2 | KRT35-6NS-90GR | 17 | 8,5 | 6,5 | 11,5 | 23,5 | 100 | 12 | V600, V1300 |
| 2 | KRT35-8NS-90GR | 17 | 8,5 | 8,5 | 12 | 23,5 | 100 | 12 | V600, V1300 |
| 2 | KRT35-10NS-90GR | 19 | 8,5 | 11,5 | 13,5 | 23,5 | 100 | 12 | V600, V1300 |
| 1/0 | KRT50-6NS-90GR | 22 | 10 | 8,5 | 12 | 32,5 | 100 | 14 | V600, V1300 |
| 1/0 | KRT50-8NS-90GR | 20 | 10 | 11,5 | 17,5 | 31,5 | 100 | 14 | V600, V1300 |
| 1/0 | KRT50-10NS-90GR | 20 | 10 | 12,5 | 18,5 | 31,5 | 100 | 14 | V600, V1300 |
| 2/0 | KRT70-8NS-90GR | 23 | 12 | 8,5 | 17,5 | 32,5 | 50 | 16 | V600, V1300 |
| 2/0 | KRT70-10NS-90GR | 23 | 12 | 11,5 | 18,5 | 32,5 | 50 | 16 | V600, V1300 |
| 2/0 | KRT70-12NS-90GR | 23 | 12 | 12,5 | 19,5 | 32,5 | 50 | 16 | V600, V1300 |
| 4/0 | KRT95-8NS-90GR | 28 | 13,5 | 8,5 | 17,5 | 32,5 | 50 | 18 | V600, V1300 |
| 4 | KRT95-10NS-90GR | 28 | 13,5 | 11,5 | 18,5 | 32,5 | 50 | 18 | V600, V1300 |
| 4 | KRT95-12NS-90GR | 28 | 13,5 | 12,5 | 19,5 | 32,5 | 50 | 18 | V600, V1300 |
| 4 | KRT95-16NS-90GR | 28 | 13,5 | 15,5 | 20,5 | 32,5 | 50 | 18 | V600, V1300 |
| 250 | KRT120-10NS-90GR | 28 | 15 | 11,5 | 18,5 | 34,5 | 25 | 19 | V600, V1300 |
| 250 | KRT120-12NS-90GR | 28 | 15 | 12,5 | 19,5 | 34,5 | 25 | 19 | V600, V1300 |
| 250 | KRT120-16NS-90GR | 28 | 15 | 15,5 | 20,5 | 34,5 | 25 | 19 | V600, V1300 |

*For detailed information regarding recommended tool or system, see chapter 6.*

# Tube terminals 10 - 300 mm² DIN 46235

- Data: electrolytic copper, tin plated.
- Dimensions according to DIN 46235, number of crimps marked on the neck of the terminal.

**Palm marking example: 70 10**

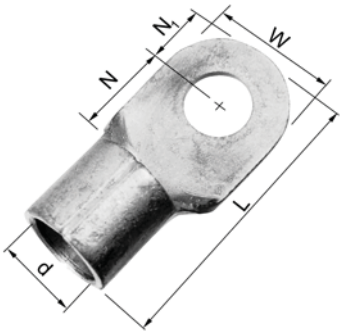
70 = mm² 10 = palm hole for M10


| Cat. no. mm², bolt | mm W | d | L | Pcs/ pack | DIN die no. | Rec tool |
|---|---|---|---|---|---|---|
| KR10-6DIN | 9,0 | 4,4 | 27 | 100 | 6 | V600, V1300 |
| KR16-6DIN | 13,0 | 5,5 | 36 | 100 | 8 | V600, V1300 |
| KR16-8DIN | 13,0 | 5,5 | 37 | 100 | 8 | V600, V1300 |
| KR16-10DIN | 16,5 | 5,5 | 38 | 100 | 8 | V600, V1300 |
| KR25-6DIN | 14,0 | 7,0 | 39 | 100 | 10 | V600, V1300 |
| KR25-8DIN | 17,0 | 7,0 | 39 | 100 | 10 | V600, V1300 |
| KR25-10DIN | 17,0 | 7,0 | 40,5 | 100 | 10 | V600, V1300 |
| KR25-12DIN | 18,0 | 7,0 | 40,5 | 100 | 10 | V600, V1300 |
| KR35-8DIN | 18,0 | 8,2 | 42 | 100 | 12 | V600, V1300 |
| KR35-10DIN | 19,0 | 8,2 | 42 | 100 | 12 | V600, V1300 |
| KR35-12DIN | 21 | 8,2 | 43 | 100 | 12 | V600, V1300 |
| KR50-8DIN | 20 | 10,0 | 52 | 100 | 14 | V600, V1300 |
| KR50-10DIN | 22 | 10,0 | 52 | 100 | 14 | V600, V1300 |
| KR50-12DIN | 24 | 10,0 | 52 | 100 | 14 | V600, V1300 |
| KR50-16DIN | 28 | 10,0 | 55,5 | 100 | 14 | V600, V1300 |
| KR70-10DIN | 24 | 11,3 | 56 | 50 | 16 | V600, V1300 |
| KR70-12DIN | 24 | 11,3 | 56,5 | 50 | 16 | V600, V1300 |
| KR70-16DIN | 29 | 11,3 | 57 | 50 | 16 | V600, V1300 |
| KR95-10DIN | 28 | 13,5 | 65,5 | 50 | 18 | V600, V1300 |
| KR95-12DIN | 28 | 13,5 | 65,5 | 50 | 18 | V600, V1300 |
| KR95-16DIN | 32 | 13,5 | 65,5 | 50 | 18 | V600, V1300 |
| KR120-12DIN | 31 | 15,5 | 70,5 | 50 | 20 | V1300, V250 |
| KR120-16DIN | 31,5 | 15,5 | 72 | 25 | 20 | V1300, V250 |
| KR120-20DIN | 36 | 15,5 | 72 | 25 | 20 | V1300, V250 |
| KR150-12DIN | 34 | 17,0 | 78,5 | 25 | 22 | V1300, V250 |
| KR150-16DIN | 34 | 17,0 | 78 | 25 | 22 | V1300, V250 |
| KR150-20DIN | 38 | 17,0 | 78 | 25 | 22 | V1300, V250 |
| KR185-12DIN | 37 | 19,0 | 82,5 | 25 | 25 | V1300, V250 |
| KR185-16DIN | 37 | 19,0 | 82 | 25 | 25 | V1300, V250 |
| KR185-20DIN | 40 | 19,0 | 83 | 25 | 25 | V1300, V250 |
| KR240-12DIN | 42,5 | 21,5 | 92 | 10 | 28 | V1300, V250 |
| KR240-16DIN | 42,5 | 22 | 92 | 10 | 28 | V1300, V250 |
| KR240-20DIN | 45 | 22 | 92 | 25 | 28 | V1300, V250 |
| KR300-16DIN | 48,5 | 24,5 | 100 | 10 | 32 | V1300, V250 |
| KR300-20DIN | 48,5 | 24 | 100 | 10 | 32 | V1300, V250 |

*For detailed information regarding recommended tool or system, see chapter 6.*

# Sheet metal terminals 10 - 240 mm² DIN 46234

- Data: electrolytic copper, tin plated.
- Dimensions according to DIN 46234.




| Cat. no. mm², bolt | mm W | d | N1 | N | L | Pcs/ pack | Palm marking | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|---|
| B10-5R | 10,0 | 4,5 | 5,0 | 8,0 | 21 | 100 | 10 | 7 | GWB4010, V600 |
| B10-6R | 11,0 | 4,5 | 5,5 | 9,0 | 23 | 100 | 10 | 7 | GWB4010, V600 |
| B10-8R | 14,0 | 4,5 | 7,0 | 12,0 | 27 | 100 | 10 | 7 | GWB4010, V600 |
| B10-10R | 18,0 | 4,5 | 9,0 | 13,0 | 30 | 100 | 10 | 7 | GWB4010, V600 |
| B10-12R | 22 | 4,5 | 11,0 | 15,0 | 34 | 100 | 10 | 7 | GWB4010, V600 |
| B16-5R | 11,0 | 5,8 | 5,5 | 10,0 | 26 | 100 | 16 | 8 | V600, V1300 |
| B16-6R | 11,0 | 5,8 | 5,5 | 10,0 | 26 | 100 | 16 | 8 | V600, V1300 |
| B16-8R | 14,0 | 5,8 | 7,0 | 12,0 | 29 | 100 | 16 | 8 | V600, V1300 |
| B16-10R | 18,0 | 5,8 | 9,0 | 14,0 | 33 | 100 | 16 | 8 | V600, V1300 |
| B16-12R | 22 | 5,8 | 11,0 | 16,0 | 37 | 100 | 16 | 8 | V600, V1300 |
| B25-5R | 12,0 | 7,5 | 6,0 | 14,0 | 31 | 100 | 25 | 10 | V600, V1300 |
| B25-6R | 12,0 | 7,5 | 6,0 | 14,0 | 31 | 100 | 25 | 10 | V600, V1300 |
| B25-8R | 16,0 | 7,5 | 8,0 | 14,0 | 33 | 100 | 25 | 10 | V600, V1300 |
| B25-10R | 18,0 | 7,5 | 9,0 | 15,0 | 35 | 100 | 25 | 10 | V600, V1300 |
| B25-12R | 22 | 7,5 | 11,0 | 20 | 42 | 100 | 25 | 10 | V600, V1300 |
| B25-16R | 28 | 7,5 | 14,0 | 24 | 49 | 100 | 25 | 10 | V600, V1300 |
| B35-6R | 15,0 | 9,0 | 7,5 | 14,0 | 34 | 100 | 35 | 12 | V600, V1300 |
| B35-8R | 16,0 | 9,0 | 8,0 | 14,0 | 34 | 100 | 35 | 12 | V600, V1300 |
| B35-10R | 18,0 | 9,0 | 9,0 | 15,0 | 36 | 100 | 35 | 12 | V600, V1300 |
| B35-12R | 22 | 9,0 | 11,0 | 19,0 | 42 | 100 | 35 | 12 | V600, V1300 |
| B35-16R | 28 | 9,0 | 14,0 | 24 | 50 | 100 | 35 | 12 | V600, V1300 |
| B50-6R | 18,0 | 11,0 | 9,0 | 18,0 | 43 | 100 | 50 | 14,5 | V600, V1300 |
| B50-8R | 18,0 | 11,0 | 9,0 | 18,0 | 43 | 100 | 50 | 14,5 | V600, V1300 |
| B50-10R | 18,0 | 11,0 | 9,0 | 18,0 | 43 | 100 | 50 | 14,5 | V600, V1300 |
| B50-12R | 22 | 11,0 | 11,0 | 20 | 47 | 100 | 50 | 14,5 | V600, V1300 |
| B50-16R | 28 | 11,0 | 14,0 | 24 | 54 | 100 | 50 | 14,5 | V600, V1300 |
| B70-8R | 22 | 13,0 | 11,0 | 20 | 49 | 100 | 70 | 17 | V600, V1300 |
| B70-10R | 22 | 13,0 | 11,0 | 20 | 49 | 100 | 70 | 17 | V600, V1300 |
| B70-12R | 22 | 13,0 | 11,0 | 20 | 49 | 100 | 70 | 17 | V600, V1300 |
| B70-16R | 28 | 13,0 | 14,0 | 24 | 56 | 100 | 70 | 17 | V600, V1300 |
| B95-10R | 24 | 15,0 | 12,0 | 22 | 54 | 100 | 95 | 20 | V600, V1300 |
| B95-12R | 24 | 15,0 | 12,0 | 22 | 54 | 100 | 95 | 20 | V600, V1300 |
| B95-16R | 28 | 15,0 | 14,0 | 24 | 58 | 100 | 95 | 20 | V600, V1300 |
| B120-10R | 24 | 16,5 | 12,0 | 22 | 56 | 50 | 120 | Contact elpress | V600, V1300 |
| B120-12R | 24 | 16,5 | 12,0 | 22 | 56 | 50 | 120 | Contact elpress | V600, V1300 |
| B120-16R | 28 | 16,5 | 14,0 | 26 | 62 | 50 | 120 | Contact elpress | V600, V1300 |
| B150-12R | 30 | 19,0 | 15,0 | 26 | 65 | 50 | 150 | Contact elpress | V600, V1300 |
| B150-16R | 30 | 19,0 | 15,0 | 26 | 65 | 50 | 150 | Contact elpress | V600, V1300 |
| B185-12R | 36 | 21 | 18,0 | 22 | 68 | 50 | 185 | Contact elpress | V1300, V250 |
| B185-16R | 36 | 21 | 18,0 | 22 | 68 | 50 | 185 | Contact elpress | V1300, V250 |
| B240-12R | 38 | 24 | 19,0 | 24 | 75 | 50 | 240 | Contact elpress | V1300, V250 |
| B240-16R | 38 | 24 | 19,0 | 24 | 75 | 50 | 240 | Contact elpress | V1300, V250 |



*For detailed information regarding recommended tool or system, see chapter 6.*

## Through connectors 0,75 - 800 mm², KS/KSF

- Data: electrolytic copper, tin plated.
- Cable inspection hole and cable stop, for stranded (class 2) and flexible (class 5) Cu-conductors.
- UL-approved (1-500 mm²). DNV-approved (16-400 mm²).

**Marking example: 20 95F 111 (earth-sign) Elpress logotype included**

20 = die no. 95 = mm² F = type KSF, stranded and flexible conductors 111 = screen, mm²

c UL US LISTED

DNV


| AWG | Cat. no. mm² | Screen cross section | mm d | D | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|
| (22)-18 | KS0,75 | | 1,3 | 2,8 | 14,0 | 100 | | DKB0760 |
| (18)-16 | KS1,5 | | 1,8 | 3,3 | 14,0 | 100 | | DKB0760 |
| (16)-14 | KS2,5 | | 2,3 | 4,2 | 16,0 | 100 | | DKB0760 |
| 12 | KS4 | | 3,0 | 5,0 | 19,0 | 100 | | GWB4099, ES2258 |
| 10 | KS6 | | 4,0 | 6,0 | 19,0 | 100 | | GWB4099, ES2258 |
| 8 | KS10 | | 5,0 | 8,0 | 30 | 100 | 8 | GWB4099, ES2258 |
| 6 | KSF16 | 15 | 6,0 | 9,0 | 35 | 100 | 9 | V600, V1300 |
| 4 | KSF25 | 21-29 | 8,0 | 11,0 | 35 | 100 | 11 | V600, V1300 |
| 2 | KSF35 | 41 | 9,0 | 13,0 | 35 | 100 | 13 | V600, V1300 |
| 1/0 | KSF50 | 57 | 11,0 | 14,5 | 45 | 50 | 14,5 | V600, V1300 |
| 2/0 | KSF70 | 72-88 | 13,0 | 17,0 | 45 | 50 | 17 | V600, V1300 |
| 4/0 | KSF95 | 111 | 15,0 | 20 | 45 | 50 | 20 | V600, V1300 |
| 250 | KSF120 | | 17,0 | 22 | 55 | 50 | 22 | V1300, V250 |
| 300 | KSF150 | | 19,0 | 25 | 65 | 25 | 25 | V1300, V250 |
| 350 | KSF185 | | 21 | 27 | 70 | 25 | 27 | V1300, V250 |
| 500 | KSF240A | | 22,5 | 29 | 70 | 25 | 30 | V1300, V250 |
| 600 | KSF300A | | 24 | 31,5 | 75 | 10 | 32 | V1300, V250 |
| 750 | KSF400A | | 30 | 38 | 100 | 10 | 38 | V1300, V250 |
| **For flexible Cu-conductors** | | | | | | | | |
| 1000 | KSF500 | | 33 | 42 | 135 | 5 | 42 | V250 |
| | KSF630 | | 39 | 53 | 175 | 3 | 53 | V250 |
| | KSF800 | | 42 | 53 | 175 | 2 | 53 | V250 |

*For detailed information regarding recommended tool or system, see chapter 6.*

## Through connectors 10 - 800 mm², KST

- Data: electrolytic copper, tin plated.
- Cable inspection hole and cable stop, for stranded (class 2) Cu-conductors.
- UL-approved (10-500 mm²). DNV-approved (10-400 mm²).

**Marking example: 18 95 Elpress logotype included**

18 = die no. 95 = mm²


| AWG | Cat. no. | mm d | D | L | Pcs/Pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|
| 8 | KST10 | 4,5 | 7 | 30 | 100 | 7 | GWB4099 |
| 6 | KST16 | 5,5 | 8,5 | 35 | 100 | 8,5 | V600, V1300 |
| 4 | KST25 | 7 | 10 | 40 | 100 | 10 | V600, V1300 |
| 2 | KST35 | 8,5 | 12 | 45 | 100 | 12 | V600, V1300 |
| 1/0 | KST50 | 10 | 14 | 50 | 50 | 14 | V600, V1300 |
| 2/0 | KST70 | 12 | 16 | 55 | 50 | 16 | V600, V1300 |
| 4/0 | KST95 | 13,5 | 18 | 60 | 50 | 18 | V600, V1300 |
| 250 | KST120 | 15 | 19 | 60 | 50 | 19 | V1300, V250 |
| 300 | KST150 | 17 | 22 | 65 | 50 | 22 | V1300, V250 |
| 350 | KST185 | 19 | 24 | 75 | 50 | 24 | V1300, V250 |
| 500 | KST240 | 21 | 26 | 85 | 50 | 26 | V1300, V250 |
| 600 | KST300 | 24 | 30 | 90 | 50 | 30 | V1300, V250 |
| 750 | KST400 | 26 | 32 | 90 | 50 | 32 | V1300, V250 |
| 1000 | KST500 | 31 | 40 | 135 | 5 | 40 | V250 |
| | KST630 | 34 | 45 | 135 | 5 | 45 | V250 |
| | KST800 | 39 | 53 | 175 | 1 | 53 | V250 |

## Through connectors 16 - 800 mm², KSD

- Data: electrolytic copper, tin plated.
- Cable inspection hole and cable stop, for stranded (class 2) Cu-conductors.

**Marking example: 16 95 Elpress logotype included**

16 = die no. 95 = mm²


| Cat. no. | mm d | D | L | Pcs/Pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|
| KSD16 | 5,4 | 8 | 35 | 100 | 8 | V600, V1300 |
| KSD25 | 6,7 | 9 | 30 | 100 | 9 | V600, V1300 |
| KSD35 | 8 | 11 | 35 | 100 | 11 | V600, V1300 |
| KSD50 | 9,5 | 12 | 40 | 50 | 12 | V600, V1300 |
| KSD70 | 11,3 | 14 | 45 | 50 | 14 | V600, V1300 |
| KSD95 | 13 | 16 | 55 | 50 | 16 | V600, V1300 |
| KSD120 | 15 | 19 | 60 | 50 | 19 | V1300, V250 |
| KSD150 | 17 | 22 | 65 | 50 | 22 | V1300, V250 |
| KSD185 | 19 | 25 | 70 | 50 | 25 | V1300, V250 |
| KSD240 | 21 | 27 | 70 | 50 | 27 | V1300, V250 |
| KSD300 | 24 | 30 | 90 | 50 | 30 | V1300, V250 |
| KSD400 | 26 | 32 | 90 | 25 | 32 | V1300, V250 |
| KSD500 | 31 | 40 | 135 | 5 | 40 | V250 |
| KSD630 | 34 | 45 | 135 | 5 | 45 | V250 |
| KSD800 | 39 | 53 | 175 | 1 | 53 | V250 |

*For detailed information regarding recommended tool or system, see chapter 6.*

## Through connectors with partition 10 - 400 mm²

- Data: electrolytic copper, tin plated.
- With partition to prevent oil-leakage, for stranded (class 2) and flexible (class 5) Cu-conductors.

**Marking example: 20 95F 111 (earth-sign) Elpress logotype included**

20 = die no. 95 = mm² F = type KSF, stranded and flexible conductors 111 = screen, mm²


| Cat.no. mm² | Screen cond. area | mm d | D | L | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|
| KS10M | | 5,0 | 8,0 | 36 | 100 | 8 | GWB4099,V600 |
| KSF16M | 15 | 6,0 | 9,0 | 37 | 100 | 9 | V600, V1300 |
| KSF25M | 21-29 | 8,0 | 11,0 | 38 | 100 | 11 | V600, V1300 |
| KSF35M | 41 | 9,0 | 13,0 | 41 | 100 | 13 | V600, V1300 |
| KSF50M | 57 | 11,0 | 14,5 | 48 | 50 | 14,5 | V600, V1300 |
| KSF70M | 72-88 | 13,0 | 17,0 | 49 | 50 | 17 | V600, V1300 |
| KSF95M | 111 | 15,0 | 20 | 56 | 50 | 20 | V600, V1300 |
| KSF120M | | 17,0 | 22 | 63 | 50 | 22 | V1300, V250 |
| KSF150M | | 19,0 | 25 | 64 | 25 | 25 | V1300, V250 |
| KSF185M | | 21 | 27 | 74 | 25 | 27 | V1300, V250 |
| KSF240AM | | 22,5 | 29 | 76 | 1 | 30 | V1300, V250 |
| KSF300AM | | 24,5 | 31,5 | 88 | 1 | 32 | V1300, V250 |
| KSF400AM | | 30,0 | 36 | 105 | 1 | 38 | V1300, V250 |

## Parallel connectors for total cross section areas 0.5 - 7.5 mm²

- Data: electrolytic copper, tin plated.
- For flexible (class 5) and stranded (class 2) Cu-conductors.


| mm² Total | Cat. no. | mm d | D | L | Pcs/ pack | Marking | Rec. tool |
|---|---|---|---|---|---|---|---|
| 0,5-1,5 | KS2x1P | 1,6 | 3,2 | 7,0 | 100 | - | DKB0325 |
| 1,5-3,5 | KS2x2,5P | 2,3 | 3,9 | 7,0 | 100 | - | DKB0325 |
| 4-7,5 | KS2x6P | 3,6 | 5,6 | 7,0 | 100 | - | DKB0760 |

## Connectors for solid Cu conductors 6 - 16 mm²

- Data: electrolytic copper.
- For solid conductors (to IEC 60228 class 1).


| mm² | Cat. no. | Corresponding KS-connector | mm d | D | L | Pcs/ pack | Marking* | Rec. tool |
|---|---|---|---|---|---|---|---|---|
| 6 | CUT6 | KS4 | 3,0 | 5,0 | 27 | 100 | CUT6 | ES2258 |
| 10 | CUT10 | KS6 | 4,0 | 6,0 | 27 | 100 | CUT10 | ES2258 |
| 16 | CUT16 | KS10 | 5,0 | 8,0 | 35 | 100 | CUT16 | EL2258 |

* Elpress logotype included in marking.

*For detailed information regarding recommended tool or system, see chapter 6.*

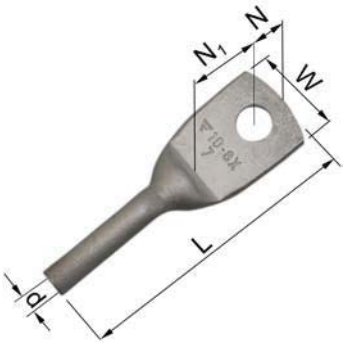
## Pin terminals 10 - 95 mm² DIN 46230

- Data: electrolytic copper, tin plated.
- Dimensions according to DIN 46230.


| mm² | Cat. no. | mm W | $L_1$ | L | Inner Ø d | Pcs/ pack | Die no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|
| 10 | B10SR | 4,3 | 12,0 | 22 | 4,5 | 100 | 7 | V600, V1300 |
| 16 | B16SR | 5,5 | 13,0 | 26 | 5,8 | 100 | 8 | V600, V1300 |
| 25 | B25SR | 6,8 | 15,0 | 34 | 7,0 | 100 | 10 | V600, V1300 |
| 35 | B35SR | 8,0 | 20 | 41 | 8,7 | 100 | 12 | V600, V1300 |
| 50 | B50SR | 9,5 | 20 | 45 | 9,8 | 50 | 14,5 | V600, V1300 |
| 70 | B70SR | 11,0 | 23 | 55 | 11,5 | 50 | 17 | V600, V1300 |
| 95 | B95SR | 12,3 | 23 | 55 | 13,8 | 50 | 20 | V600, V1300 |

## Tube terminals for Ericsson Cables Excel and Fxcel type 10 - 16 mm²

- Data: electrolytic copper, tin plated.
- For PEX-insulated cables 10 mm² Cu solid (Ericsson Excel type) and 16 mm² Cu stranded (Ericssson Fxcel type), to be applied non-tensioned.




| Cat. no. mm², bolt | mm W | d | N | $N_1$ | L | Pcs/ pack | Crimp die id-no. | Rec. tool |
|---|---|---|---|---|---|---|---|---|
| KRX10-8 | 22 | 4,5 | 8,5 | 17,5 | 68 | 3 | 7 | V600, V1300 |
| KRX10-10 | 22 | 4,5 | 11,5 | 18,5 | 72 | 3 | 7 | V600, V1300 |
| KRX10-12 | 22 | 4,5 | 12,5 | 19,5 | 74 | 3 | 7 | V600, V1300 |
| KRX16-8 | 16 | 5,5 | 8,5 | 17,5 | 61 | 3 | 8,5 | V600, V1300 |
| KRX16-10 | 16 | 5,5 | 11,5 | 18,5 | 65 | 3 | 8,5 | V600, V1300 |
| KRX16-12 | 19 | 5,5 | 12,5 | 19,5 | 67 | 3 | 8,5 | V600, V1300 |

Two crimps are made when using the V600-, V611-, PVL611- or T2600-systems, die TB7-20.

## Connectors for Ericsson Cables Excel and Fxcel type 10 - 16 mm²

- Data: electrolytic copper, tin plated.
- For PEX-insulated cables 10 mm² Cu solid (Ericsson Excel type) and 16 mm² Cu stranded (Ericsson Fxcel type), to be applied non-tensioned.


| Cat. no. mm² | mm d | D | L | Pcs/ pack | Marking* | Rec. tool |
|---|---|---|---|---|---|---|
| KSX10 | 4,5 | 7,0 | 65 | 3 | 10x7 | V600, V1300 |
| KSX16 | 5,5 | 8,5 | 65 | 3 | 16x8,5 | V600, V1300 |

* Elpress logotype included.

Two plus two crimps are made when using the V600-, V611-, PVL611-, or T2600-Systems, die TB7-20.

*For detailed information regarding recommended tool or system, see chapter 6.*