

GENERAL CATALOG CONNECTORS

www.intercable-tools.com

intercable



INTERCABLE - HISTORY

Intercable is one of the world's leading manufacturers of professional electrical products for Utilities, Power Boards, Contractors, Electricians and Industry. Our main ambition is to improve efficiency, safety and quality of our customers' daily work. As a family owned company, established in 1972, we currently count more than 1.000 employees in our manufacturing plants around the world.

Our product range is attuned to LV ,MV and HV cable preparation and consists of five main product lines:

- insulated safety tools up to 1000V
- hydraulic and mechanical crimping and cutting tools
- stripping tools
- special electro-technical devices
- cable accessories

Furthermore we are also leading in the development and production of special plastic and metal parts for the automotive market and so an important partner of the biggest car and truck manufacturers worldwide.

Quality is never an accident but the result of advantageous application of a certified quality system: Our Company comply with the latest DIN EN ISO 9001:2015 , ISO/ TS 16949:2009 and ISO 14001 International Standards. Constant internal and external audits help us to identify weaknesses and promote a continuous improvement in all the company processes.

Our tools are produced according to latest international IEC, DIN standards and are certified by independent, accredited German and Italian test institutes such us VDE, BG or CESI.

Our aim is a long lasting customer relation based on confidence. We daily try to recognize the demands and expectations of our customers to be able to fulfil them quickly and effectively but in any case to our customer's satisfaction. Further we satisfy the changing market needs by a constant improvement and development of our product range.

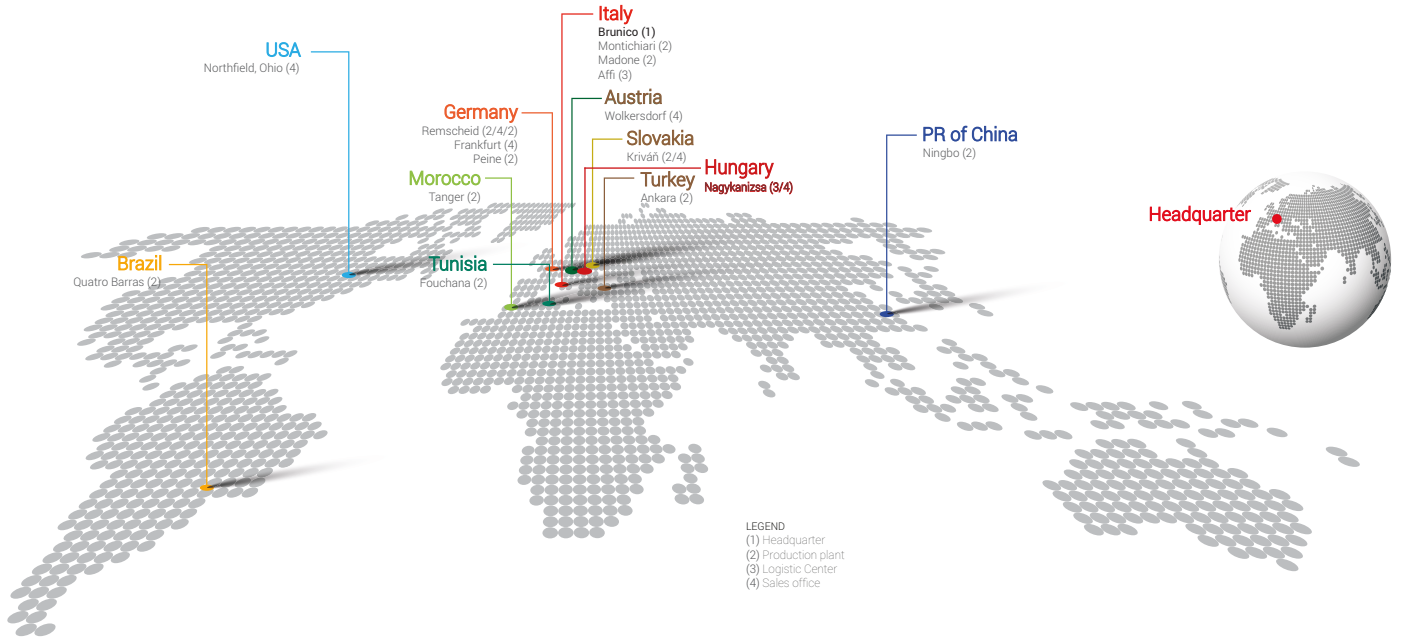
We are proud to be known as an expert and flexible partner on the international market.

THE GROUP

We are stronger as a group!

Through our headquarter in Brunico/Bruneck and locations in Italy, Germany, Morocco, Tunisia, Hungary, Slovakia and China, we supply customers in the automotive, power distribution, industrial and railway sectors.

As a modern, industrial group we strive for the optimum usage of synergies within the group.



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THE DIMENSIONS OF THE TUBE / PIPE OF THE CONNECTORS



Intercable company standard dimensions, **I-series** known as used commonly by ITALIAN colleagues, very cost-efficient and high quality solution fits perfectly for most connection processes.



Intercable company standard dimensions, known as used commonly by GERMAN colleagues, known as **R-series** or **F-series** (flexible), the same dimensions are used by our Weitkowitz EURO-series, mostly industrial high quality solution fits perfectly for most connection processes.

standard from page

standard from page





| | | | | | | | | | |
|---------------------------------------|--|--------------------------------|--|----|--------------|---------------|---------------------|-----------|----|
| Cu MEDIUM VOLTAGE | | | | 80 | Cu, Brass | | | | 95 |
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DIN

The dimensions are according to the DIN standards, or followed by the DIN guideline dimensions.

THE CRIMPING DIES AND THE CONNECTOR MUST WORK TOGETHER
The dimensions of the crimping dies must fit to the dimensions of the connectors!
SELECT THE RIGHT COMBINATION FROM THE SAME STANDARD!



| | Heads | Hand operated | Battery operated | max. Crimping section * | Crimping force | | | |
|---------------|---|--|---|---|---------------------|---------|---------|---------|
| SERIES 45 | |  HP45 |  STILO45 | 150 mm ² | 45 kN | 145-146 | 164-165 | |
| SERIES 50 | |  HP50 |  STILO50 | 240 mm ² | 50 kN | 147-148 | 166-170 | |
| SERIES 60-2/4 |  PP60-1 |  HP60-3 | |  AP60-1 | 240 mm ² | 60 kN | 149-150 | 166-170 |
| SERIES 60-2/4 |  PP60-2 |  HP60-4 |  STILO60 |  AP60-2 | 300 mm ² | 60 kN | 151-152 | 171-174 |
| SERIES 130-C |  PP130-C |  HPI130-C |  AP130-C | 400 mm ² | 130 kN | 153-154 | | |
| SERIE 130-C2 |  PP130-C2 |  HPI130-C2 |  AP130-C2 | 400 mm ² | 130 kN | 155-156 | 175-179 | |
| SERIES 130-H |  PP130-H |  HPI130-H |  AP130-H | 400 mm ² | 130 kN | 157-158 | | |
| SERIE 230 |  PP230 | | | 630 mm ² | 230 kN | 159 | 180-182 | |
| SERIES 520 |  PP520 | | | 1.000 mm ² | 520 kN | 161 | 183 | |
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*depending on type and size of terminals used

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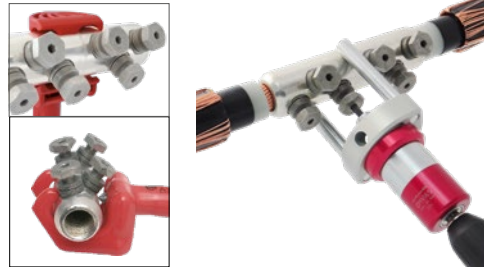
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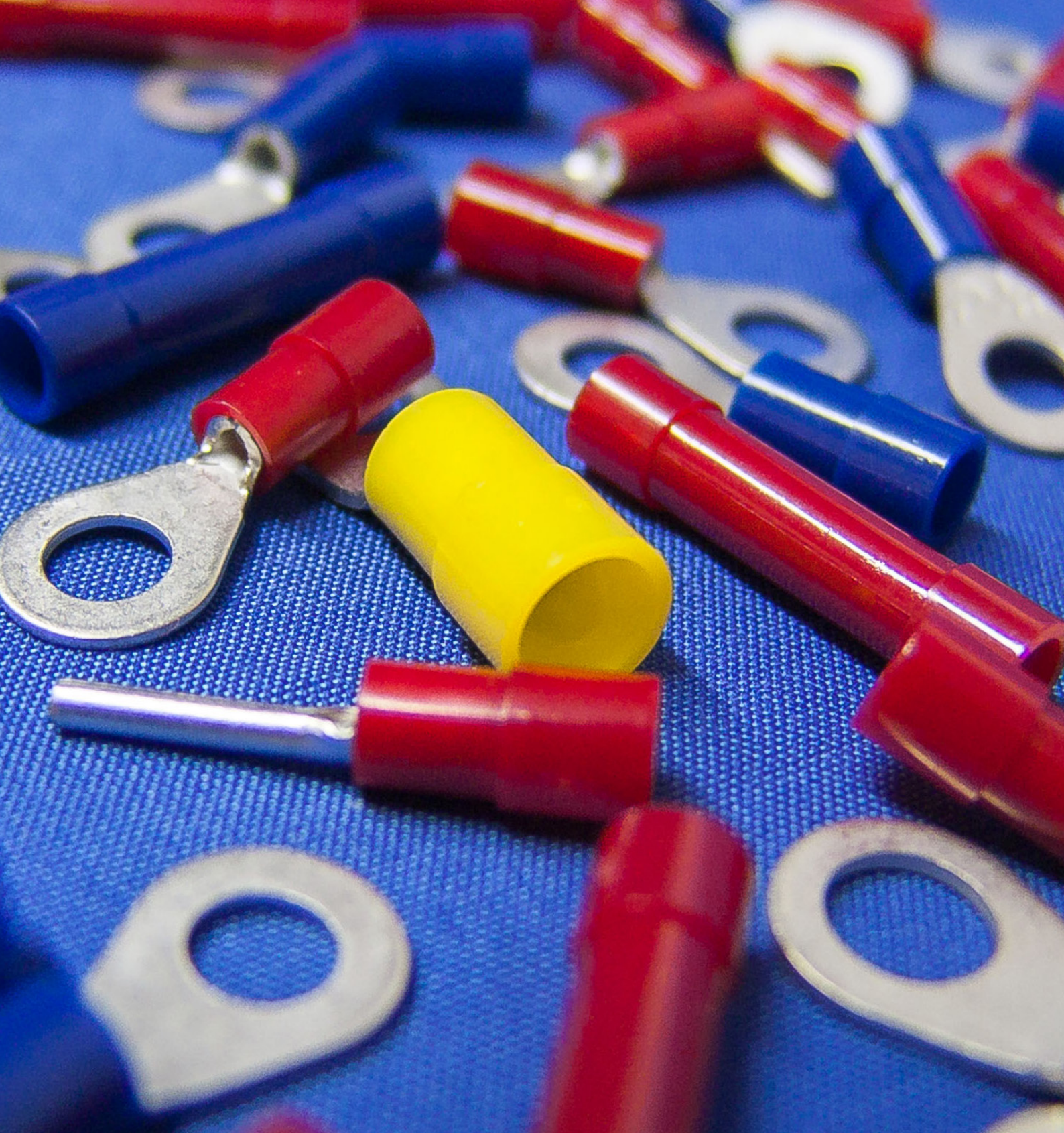
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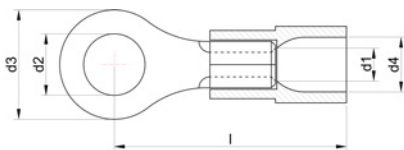
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INSULATED TERMINALS

intercable

PC



Cu-ETP 99,9%, Sn / Copper tinned
PC / Polycarbonate insulation
600V max.
T 125°C max.

DIN 46237
(exc.: *)



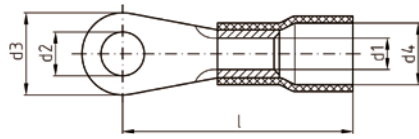
| mm ² | Ø mm | Art. N. | | mm | | | | | Pack |
|-----------------|-----------|-----------|------|-----|------|------|-----|------|------|
| | | | | d1 | d4 | d2 | d3 | l | |
| 0,1-0,5 | 2 | ICIQ052 * | ● | 1 | 2,3 | 2,2 | 5 | 14,0 | 100 |
| | 3 | ICIQ053 * | ● | | | 3,2 | 5 | 14,0 | 100 |
| | 4 | ICIQ054 * | ● | | | 4,3 | 6,5 | 16,0 | 100 |
| | 5 | ICIQ055 * | ● | | | 5,3 | 8 | 16,0 | 100 |
| 0,5-1 | 2 | ICIQ12 | ● | 1,6 | 4 | 2,2 | 6 | 17,0 | 100 |
| | 3 | ICIQ13 | ● | | | 3,2 | 6 | 17,0 | 100 |
| | 3,5 | ICIQ135 | ● | | | 3,7 | 6 | 17,0 | 100 |
| | 4 | ICIQ14 | ● | | | 4,3 | 8 | 18,0 | 100 |
| | 4 | ICIQ14S | ● | | | 4,3 | 7 | 17,5 | 100 |
| | 5 | ICIQ15 | ● | | | 5,3 | 10 | 19,0 | 100 |
| | 5 | ICIQ15S | ● | | | 5,3 | 8 | 18,5 | 100 |
| | 6 | ICIQ16 * | ● | | | 6,5 | 10 | 19,0 | 100 |
| | 8 | ICIQ18 * | ● | | | 8,4 | 14 | 23,0 | 100 |
| 10 | ICIQ110 * | ● | 10,5 | 18 | 25,0 | 100 | | | |
| 1,5-2,5 | 3 | ICIQ23 | ● | 2,3 | 4,4 | 3,2 | 6 | 17,0 | 100 |
| | 3,5 | ICIQ235 | ● | | | 3,7 | 6 | 17,0 | 100 |
| | 4 | ICIQ24 | ● | | | 4,3 | 8 | 18,0 | 100 |
| | 4 | ICIQ24S | ● | | | 4,3 | 6,8 | 17,6 | 100 |
| | 5 | ICIQ25 | ● | | | 5,3 | 10 | 20,0 | 100 |
| | 5 | ICIQ25S | ● | | | 5,3 | 8 | 19,5 | 100 |
| | 6 | ICIQ26 | ● | | | 6,5 | 11 | 22,0 | 100 |
| | 8 | ICIQ28 | ● | | | 8,4 | 14 | 23,0 | 100 |
| | 10 | ICIQ210 * | ● | | | 10,5 | 18 | 25,6 | 100 |
| 12 | ICIQ212 * | ● | 13,0 | 18 | 26,0 | 100 | | | |
| 4-6 | 4 | ICIQ64 | ● | 3,6 | 6,4 | 4,3 | 8 | 21,0 | 100 |
| | 5 | ICIQ65 | ● | | | 5,3 | 10 | 22,0 | 100 |
| | 6 | ICIQ66 | ● | | | 6,5 | 11 | 23,0 | 100 |
| | 8 | ICIQ68 | ● | | | 8,4 | 14 | 26,0 | 100 |
| | 10 | ICIQ610 | ● | | | 10,5 | 18 | 28,0 | 100 |
| | 12 | ICIQ612 | ● | | | 13,0 | 18 | 28,0 | 100 |

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PC



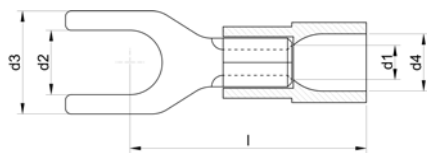
Cu-ETP 99,9%, Sn / Copper tinned
PC / Polycarbonate insulation
T 120°C max.

DIN 46234
pipe 10 - 150 mm²



| mm ² | Ø mm | Art. N. | mm | | | | | kg (/100) | Pack | |
|-----------------|------|-----------|----|------|------|------|----|-----------|------|----|
| | | | d1 | d4 | d2 | d3 | l | | | |
| 10 | 5 | ICIQ105 | ● | 4,5 | 8 | 5,3 | 10 | 24,5 | 0,23 | 50 |
| | 6 | ICIQ106 | ● | | | 6,5 | 11 | 25,5 | 0,24 | 50 |
| | 8 | ICIQ108 | ● | | | 8,4 | 14 | 28,5 | 0,30 | 50 |
| | 10 | ICIQ1010 | ● | | | 10,5 | 18 | 29,5 | 0,35 | 50 |
| 16 | 5 | ICIQ165 | ● | 5,8 | 10,5 | 5,3 | 11 | 31,5 | 0,40 | 50 |
| | 6 | ICIQ166 | ● | | | 6,5 | 11 | 31,5 | 0,38 | 50 |
| | 8 | ICIQ168 | ● | | | 8,4 | 14 | 33,5 | 0,43 | 50 |
| | 10 | ICIQ1610 | ● | | | 10,5 | 18 | 35,5 | 0,50 | 50 |
| 25 | 5 | ICIQ255 | ● | 7,5 | 13 | 5,3 | 12 | 38 | 0,71 | 50 |
| | 6 | ICIQ256 | ● | | | 6,5 | 12 | 38 | 0,69 | 50 |
| | 8 | ICIQ258 | ● | | | 8,4 | 16 | 38 | 0,76 | 50 |
| | 10 | ICIQ2510 | ● | | | 10,5 | 18 | 39 | 0,79 | 50 |
| | 12 | ICIQ2512 | ● | | | 13 | 22 | 44 | 0,97 | 50 |
| 35 | 6 | ICIQ356 | ● | 9 | 14,5 | 6,5 | 15 | 41 | 0,97 | 50 |
| | 8 | ICIQ358 | ● | | | 8,4 | 16 | 41 | 0,97 | 50 |
| | 10 | ICIQ3510 | ● | | | 10,5 | 18 | 42 | 1,01 | 50 |
| | 12 | ICIQ3512 | ● | | | 13 | 22 | 46 | 1,17 | 50 |
| 50 | 6 | ICIQ506 | ● | 11 | 16,5 | 6,5 | 18 | 47,5 | 1,76 | 50 |
| | 8 | ICIQ508 | ● | | | 8,4 | 18 | 47,5 | 1,71 | 50 |
| | 10 | ICIQ5010 | ● | | | 10,5 | 18 | 47,5 | 1,74 | 50 |
| | 12 | ICIQ5012 | ● | | | 13 | 22 | 49,5 | 1,80 | 50 |
| 70 | 6 | ICIQ706 | ● | 13 | 18,7 | 6,5 | 22 | 51 | 2,58 | 50 |
| | 8 | ICIQ708 | ● | | | 8,4 | 22 | 51 | 2,63 | 50 |
| | 10 | ICIQ7010 | ● | | | 10,5 | 22 | 51 | 2,55 | 50 |
| | 12 | ICIQ7012 | ● | | | 13 | 22 | 51 | 2,58 | 50 |
| | 16 | ICIQ7016 | ● | | | 17 | 28 | 55 | 2,68 | 50 |
| 95 | 8 | ICIQ958 | ● | 15 | 21,7 | 8,4 | 24 | 57,5 | 4,09 | 50 |
| | 10 | ICIQ9510 | ● | | | 10,5 | 24 | 57,5 | 4,22 | 50 |
| | 12 | ICIQ9512 | ● | | | 13 | 24 | 57,5 | 3,92 | 50 |
| | 16 | ICIQ9516 | ● | | | 17 | 28 | 59,5 | 3,94 | 50 |
| 120 | 8 | ICIQ1208 | ● | 16,5 | 24,2 | 8,4 | 24 | 62 | 5,63 | 25 |
| | 10 | ICIQ12010 | ● | | | 10,5 | 24 | 62 | 5,56 | 25 |
| | 12 | ICIQ12012 | ● | | | 13 | 24 | 62 | 5,33 | 25 |
| | 16 | ICIQ12016 | ● | | | 17 | 28 | 66 | 5,67 | 25 |
| 150 | 10 | ICIQ15010 | ● | 19 | 27,2 | 10,5 | 30 | 70 | 8,02 | 25 |
| | 12 | ICIQ15012 | ● | | | 13 | 30 | 70 | 7,84 | 25 |
| | 16 | ICIQ15016 | ● | | | 17 | 30 | 70 | 7,56 | 25 |

PC



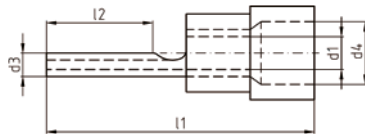
Cu-ETP 99,9%, Sn / Copper tinned
PC / Polycarbonate insulation
600V max.
T 125°C max.

DIN 46237
(exc.: *)



| mm ² | Ø mm | Art. N. | | mm | | | | | Pack |
|-----------------|------|-----------|---|-----|------|------|------|------|------|
| | | | | d1 | d4 | d2 | d3 | l | |
| 0,5-1 | 3 | ICIQ13G | ● | 1,6 | 4,0 | 3,2 | 6,0 | 17,0 | 100 |
| | 3,5 | ICIQ135G | ● | | | 3,7 | 6,0 | 17,0 | 100 |
| | 4 | ICIQ14G | ● | | | 4,3 | 8,0 | 18,1 | 100 |
| | 4 | ICIQ14GS | ● | | | 4,3 | 6,8 | 18,0 | 100 |
| | 5 | ICIQ15G | ● | | | 5,3 | 10,0 | 19,0 | 100 |
| | 6 | ICIQ16G * | ● | | | 6,5 | 11,0 | 21,0 | 100 |
| 1,5-2,5 | 3 | ICIQ23G | ● | 2,3 | 4,5 | 3,2 | 5,5 | 19,0 | 100 |
| | 3,5 | ICIQ235G | ● | | | 3,7 | 6,0 | 17,0 | 100 |
| | 4 | ICIQ24G | ● | | | 4,3 | 8,0 | 18,0 | 100 |
| | 4 | ICIQ24GS | ● | | | 4,3 | 6,8 | 18,7 | 100 |
| | 5 | ICIQ25G | ● | | | 5,3 | 10,0 | 20,0 | 100 |
| | 6 | ICIQ26G | ● | | | 6,5 | 11,0 | 22,0 | 100 |
| 4-6 | 4 | ICIQ64G | ● | 3,6 | 6,4 | 4,3 | 8,0 | 21,0 | 100 |
| | 5 | ICIQ65G | ● | | | 5,3 | 10,0 | 22,0 | 100 |
| | 6 | ICIG66G | ● | | | 6,5 | 11,0 | 23,0 | 100 |
| | 8 | ICIQ68G | ● | | | 8,4 | 14,0 | 26,0 | 100 |
| | 10 | ICIQ610G | ● | | | 10,5 | 18,0 | 28,0 | 100 |
| 10 | 5 | ICIQ105G | ● | 4,5 | 8,0 | 5,3 | 10,5 | 24,1 | 50 |
| | 6 | ICIQ106G | ● | | | 6,5 | 10,8 | 24,6 | 50 |
| 16 | 6 | ICIQ166G | ● | 5,8 | 11,0 | 6,5 | 11,0 | 32,2 | 50 |
| | 8 | ICIQ168G | ● | | | 8,4 | 13,8 | 32,2 | 50 |

PC




Cu-ETP 99,9%, Sn / Copper tinned
 PC / Polycarbonate insulation
 600V max.
 T 125°C max.

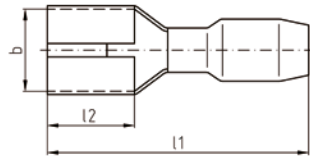
DIN 46231



| mm ² | Art. N. | | mm | | | | | Pack |
|-----------------|------------|---|-----|------|---------|------|------|------|
| | | | d1 | d4 | d3 | l1 | l2 | |
| 0,1-0,5 | ICIQ05ST * | ● | 1,0 | 2,2 | 1,2 | 18,0 | 9,0 | 100 |
| 0,5-1 | ICIQ1ST | ● | 1,7 | 4,0 | 1,9 | 22,8 | 12,0 | 100 |
| 1,5-2,5 | ICIQ2ST | ● | 2,3 | 4,5 | 1,9 | 22,8 | 12,0 | 100 |
| | ICIQ2STL | ● | 2,3 | 4,5 | 1,9 | 27,0 | 16,0 | 100 |
| 4-6 | ICIQ6ST | ● | 3,6 | 6,4 | 2,8 | 27,0 | 11,0 | 100 |
| 10 | ICIQ10ST | ● | 4,5 | 7,8 | 2,4x4,3 | 34,0 | 12,0 | 50 |
| 16 | ICIQ16ST | ● | 5,8 | 9,1 | 2,5x5,6 | 40,7 | 13,5 | 50 |
| 25 | ICIQ25ST | ● | 7,0 | 12,4 | 2,5x6,9 | 44,0 | 16,0 | 50 |
| 35 | ICIQ35ST | ● | 8,4 | 14,0 | 3,2x8,1 | 52,5 | 20,0 | 50 |

typically used tools: „GENERAL CATALOG TOOLS“  6 - 16 mm² page: 136

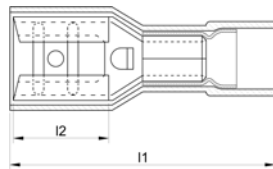
PVC



Cu-ETP 99,9%, Sn / Copper tinned
PVC
T 70°C max.

| mm ² | Art.N. | | mm | | | | kg (/100) | Pack |
|-----------------|------------|---|-----|-----|------|-----|-----------|------|
| | | | mm1 | mm2 | l1 | l2 | | |
| 0,1-0,5 | ICIQ0525FH | ● | 2,8 | 0,5 | 16 | 6,4 | 0,04 | 100 |
| | ICIQ0528FH | ● | 2,8 | 0,8 | 16 | 6,4 | 0,04 | 100 |
| 0,5-1 | ICIQ125FH | ● | 2,8 | 0,5 | 19 | 6,5 | 0,08 | 100 |
| | ICIQ128FH | ● | 2,8 | 0,8 | 19 | 6,5 | 0,08 | 100 |
| | ICIQ145FH | ● | 4,8 | 0,5 | 19,4 | 6,4 | 0,09 | 100 |
| | ICIQ148FH | ● | 4,8 | 0,8 | 19,4 | 6,4 | 0,09 | 100 |
| | ICIQ168FH | ● | 6,3 | 0,8 | 20,8 | 7,5 | 0,11 | 100 |
| 1,5-2,5 | ICIQ225FH | ● | 2,8 | 0,5 | 19 | 6,5 | 0,08 | 100 |
| | ICIQ228FH | ● | 2,8 | 0,8 | 19 | 6,5 | 0,08 | 100 |
| | ICIQ245FH | ● | 4,8 | 0,5 | 19,4 | 6,4 | 0,10 | 100 |
| | ICIQ248FH | ● | 4,8 | 0,8 | 19,4 | 6,4 | 0,10 | 100 |
| | ICIQ268FH | ● | 6,3 | 0,8 | 20,8 | 7,3 | 0,12 | 100 |
| 4-6 | ICIQ668FH | ● | 6,3 | 0,8 | 23,3 | 7,3 | 0,18 | 100 |
| | ICIQ6912FH | ● | 9,5 | 1,2 | 28,6 | 12 | 0,26 | 100 |

FULL PA / PC

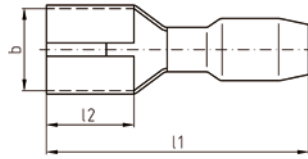


Cu-ETP 99,9%, Sn / Copper tinned
PC / Polycarbonate insulation
300V max.
T 125°C max.



| mm ² | Art.N. | | | mm | | | Pack |
|-----------------|-------------|---------------|---|---------|------|-----|------|
| | PA | PC | | mm | l1 | l2 | |
| 0,5-1 | ICIQ125FHVI | ICIQ125FHVIPC | ● | 2,8x0,5 | 19,2 | 6,4 | 100 |
| | ICIQ128FHVI | ICIQ128FHVIPC | ● | 2,8x0,8 | 19,2 | 6,4 | 100 |
| | ICIQ145FHVI | ICIQ145FHVIPC | ● | 4,8x0,5 | 20,2 | 6,4 | 100 |
| | ICIQ148FHVI | ICIQ148FHVIPC | ● | 4,8x0,8 | 20,2 | 6,4 | 100 |
| | ICIQ168FHVI | ICIQ168FHVIPC | ● | 6,3x0,8 | 21,5 | 7,3 | 100 |
| 1,5-2,5 | ICIQ245FHVI | ICIQ245FHVIPC | ● | 4,8x0,5 | 20,2 | 6,5 | 100 |
| | ICIQ248FHVI | ICIQ248FHVIPC | ● | 4,8x0,8 | 20,2 | 6,5 | 100 |
| | ICIQ268FHVI | ICIQ268FHVIPC | ● | 6,3x0,8 | 21,5 | 7,3 | 100 |
| 4-6 | ICIQ668FHVI | ICIQ668FHVIPC | ● | 6,3x0,8 | 24,2 | 7,3 | 100 |

PA

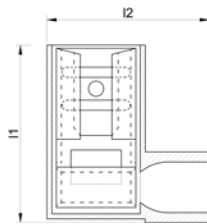
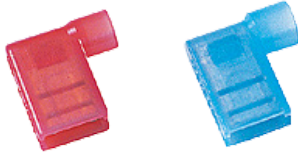


CuSn / Zinnbronze
PA
T 100°C max.

| mm ² | Art.N. | | mm | | | | kg (/100) | Pack |
|-----------------|------------|---|-----|-----|------|-----|-----------|------|
| | | | mm1 | mm2 | l1 | l2 | | |
| 0,5-1 | ICIQ125FHB | ● | 2,8 | 0,5 | 18,4 | 6,4 | 0,06 | 100 |
| | ICIQ128FHB | ● | 2,8 | 0,8 | 18,4 | 6,4 | 0,06 | 100 |
| | ICIQ148FHB | ● | 4,8 | 0,8 | 19 | 6,2 | 0,08 | 100 |
| | ICIQ168FHB | ● | 6,3 | 0,8 | 21 | 8 | 0,10 | 100 |
| 1,5-2,5 | ICIQ268FHB | ● | 6,3 | 0,8 | 21 | 8 | 0,11 | 100 |
| 4-6 | ICIQ668FHB | ● | 6,3 | 0,8 | 24,7 | 8 | 0,15 | 100 |

typically used tools: „GENERAL CATALOG TOOLS“ 6 - 16 mm² page: 136

PA



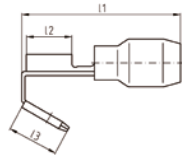
Brass, Sn / tinned
PA6.6 / Poliamide insulation
300V max.
T 105°C max.



| mm ² | Art.N. | | mm | | | Pack |
|-----------------|--------------|---|---------|------|------|------|
| | | | mm | l1 | l2 | |
| 0,5-1,5 | ICIQ168WFHVI | ● | 6,3x0,8 | 16,3 | 15,0 | 100 |
| 1,5-2,5 | ICIQ268WFHVI | ● | 6,3x0,8 | 16,8 | 15,0 | 100 |

typically used tools: „GENERAL CATALOG TOOLS“ page: 130

PVC

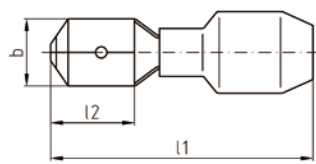


Cu-ETP 99,9%, Sn / Copper tinned
PVC
T 70°C max.

| mm ² | Art.N. | | mm | | | | | kg (/100) | Pack |
|-----------------|----------|---|-----|-----|------|----|-----|-----------|------|
| | | | mm1 | mm2 | l1 | l2 | l3 | | |
| 0,5-1 | ICIQ1FHA | ● | 6,3 | 0,8 | 23,9 | 8 | 8,2 | 0,15 | 100 |
| 1,5-2,5 | ICIQ2FHA | ● | 6,3 | 0,8 | 23 | 8 | 8,2 | 0,16 | 100 |
| 4-6 | ICIQ6FHA | ● | 6,3 | 0,8 | 25 | 8 | 8,2 | 0,18 | 100 |

typically used tools: „GENERAL CATALOG TOOLS“ 6 - 16 mm² page: 136

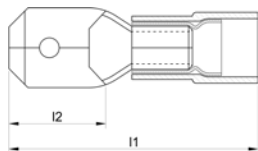
PVC



Cu-ETP 99,9%, Sn / Copper tinned
PVC
T 70°C max.

| mm ² | Art.N. | | mm | | | | kg (/100) | Pack |
|-----------------|-----------|---|-----|-----|------|-----|-----------|------|
| | | | mm1 | mm2 | l1 | l2 | | |
| 0,5-1 | ICIQ128FS | ● | 2,8 | 0,8 | 19,2 | 6,5 | 0,08 | 100 |
| | ICIQ148FS | ● | 4,8 | 0,8 | 19,8 | 6,7 | 0,09 | 100 |
| | ICIQ168FS | ● | 6,3 | 0,8 | 21,8 | 7,7 | 0,10 | 100 |
| 1,5-2,5 | ICIQ248FS | ● | 4,8 | 0,8 | 19,8 | 6,7 | 0,09 | 100 |
| | ICIQ268FS | ● | 6,3 | 0,8 | 21,8 | 7,7 | 0,11 | 100 |
| 4-6 | ICIQ668FS | ● | 6,3 | 0,8 | 24 | 7,7 | 0,18 | 100 |

PC

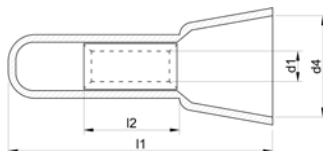


Cu-ETP 99,9%, Sn / Copper tinned
PC / Polycarbonate insulation
300V max.
T 125°C max.



| mm ² | Art.N. | | mm | | | Pack |
|-----------------|-------------|---|---------|------|-----|------|
| | | | mm | l1 | l2 | |
| 0,5-1,5 | ICIQ128FSPC | ● | 2,8x0,8 | 19,2 | 6,5 | 100 |
| | ICIQ148FSPC | ● | 4,8x0,8 | 19,8 | 6,7 | 100 |
| | ICIQ168FSPC | ● | 6,3x0,8 | 21,8 | 7,7 | 100 |
| 1,5-2,5 | ICIQ248FSPC | ● | 4,8x0,8 | 19,8 | 6,7 | 100 |
| | ICIQ268FSPC | ● | 6,3x0,8 | 21,8 | 7,7 | 100 |
| 4-6 | ICIQ668FSPC | ● | 6,3x0,8 | 24,0 | 7,7 | 100 |

PA

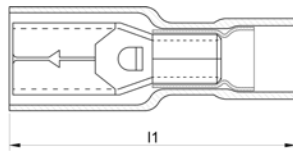


Cu-ETP 99,9%, Sn / Copper tinned
PA 6.6 / Poliamide insulation
300V max.
T 105°C max.



| mm ² | Art.N. | Colour | mm | | | | Pack |
|-----------------|----------|--------------------|-----|------|------|-----|------|
| | | | d1 | d4 | l1 | l2 | |
| 0,5-1,5 | ICIQ1EV | Transparent | 2,3 | 6,0 | 15,2 | 8,8 | 100 |
| 1,5-2,5 | ICIQ2EV | Blue-transparent | 2,3 | 6,4 | 15,4 | 8,0 | 100 |
| 4-6 | ICIQ6EV | Yellow-transparent | 3,4 | 9,2 | 17,7 | 8,5 | 100 |
| 10 | ICIQ10EV | Transparent | 5,0 | 11,8 | 22,0 | 8,0 | 50 |

PVC

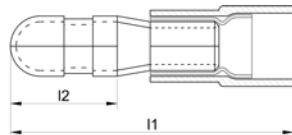


Brass, Sn / tinned
PVC
300V max.
T 75°C max.



| mm ² | Art.N. | | mm | | | Pack |
|-----------------|----------|---|----|------|--|------|
| | | | Ø | l1 | | |
| 0,5-1,5 | ICIQ1RSH | ● | 4 | 23,3 | | 100 |
| 1,5-2,5 | ICIQ2RSH | ● | 5 | 23,3 | | 100 |
| 4-6 | ICIQ6RSH | ● | 5 | 25,1 | | 100 |

PVC / PC

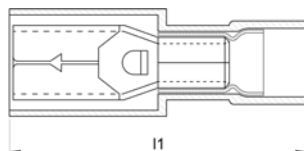


Brass, Sn / tinned
PVC
300V max.
T 75°C max.



| mm ² | Art.N. | | | mm | | | Pack |
|-----------------|----------|------------|---|----|------|-----|------|
| | PVC | PC | | Ø | l1 | l2 | |
| 0,5-1,5 | ICIQ1RST | ICIQ1RSTPC | ● | 4 | 21,5 | 8,5 | 100 |
| 1,5-2,5 | ICIQ2RST | ICIQ2RSTPC | ● | 5 | 21,2 | 8,5 | 100 |
| 4-6 | ICIQ6RST | ICIQ6RSTPC | ● | 5 | 24,0 | 8,5 | 100 |

PA

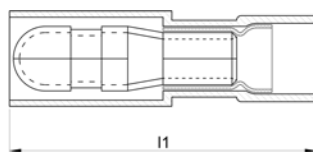


Brass, Sn / tinned
PA 6.6 / Poliamide insulation
300V max.
T 105°C max.



| mm ² | Art.N. | | mm | | | Pack |
|-----------------|------------|---|----|------|--|------|
| | | | Ø | l1 | | |
| 0,5-1,5 | ICIQ1RSHVI | ● | 4 | 25,2 | | 100 |
| 1,5-2,5 | ICIQ2RSHVI | ● | 4 | 25,2 | | 100 |

PA

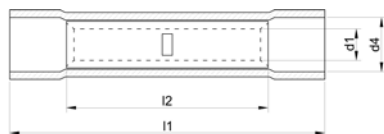


Brass, Sn / tinned
PA 6.6 / Poliamide insulation
300V max.
T 105°C max.



| mm ² | Art.N. | | mm | | | Pack |
|-----------------|------------|---|----|------|--|------|
| | | | Ø | l1 | | |
| 0,5-1,5 | ICIQ1RSTVI | ● | 4 | 27,0 | | 100 |
| 1,5-2,5 | ICIQ2RSTVI | ● | 4 | 27,0 | | 100 |

PC

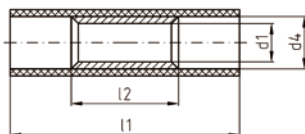
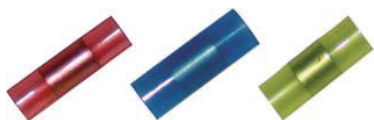


Cu-ETP 99,9%, Sn / Copper tinned
PC
300V max.
T 120°C max.



| mm ² | Art.N. | | mm | | | | Pack |
|-----------------|---------|---|-----|-----|------|------|------|
| | | | d1 | d4 | l1 | l2 | |
| 0,1-0,5 | ICIQ05V | ● | 1,2 | 2,0 | 20,0 | 12,0 | 100 |
| 0,5-1 | ICIQ1V | ● | 1,6 | 4,1 | 25,0 | 15,0 | 100 |
| 1,5-2,5 | ICIQ2V | ● | 2,3 | 4,5 | 26,0 | 15,0 | 100 |
| 4-6 | ICIQ6V | ● | 3,6 | 6,4 | 27,0 | 15,0 | 100 |

PA

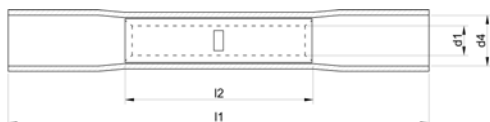


Cu-ETP 99,9%, Sn / Copper tinned
PA 6.6 / Poliamide insulation
300V max.
T 105°C max.



| mm ² | Art.N. | | mm | | | | Pack |
|-----------------|----------|---|-----|-----|------|-----|------|
| | | | d1 | d4 | l1 | l2 | |
| 0,1-0,5 | ICIQ05PV | ● | 1,2 | 2,0 | 12,0 | 5,0 | 100 |
| 0,5-1 | ICIQ1PV | ● | 1,7 | 3,2 | 17,0 | 7,0 | 100 |
| 1,5-2,5 | ICIQ2PV | ● | 2,3 | 4,0 | 17,0 | 7,0 | 100 |
| 4-6 | ICIQ6PV | ● | 3,6 | 5,4 | 21,2 | 7,0 | 100 |

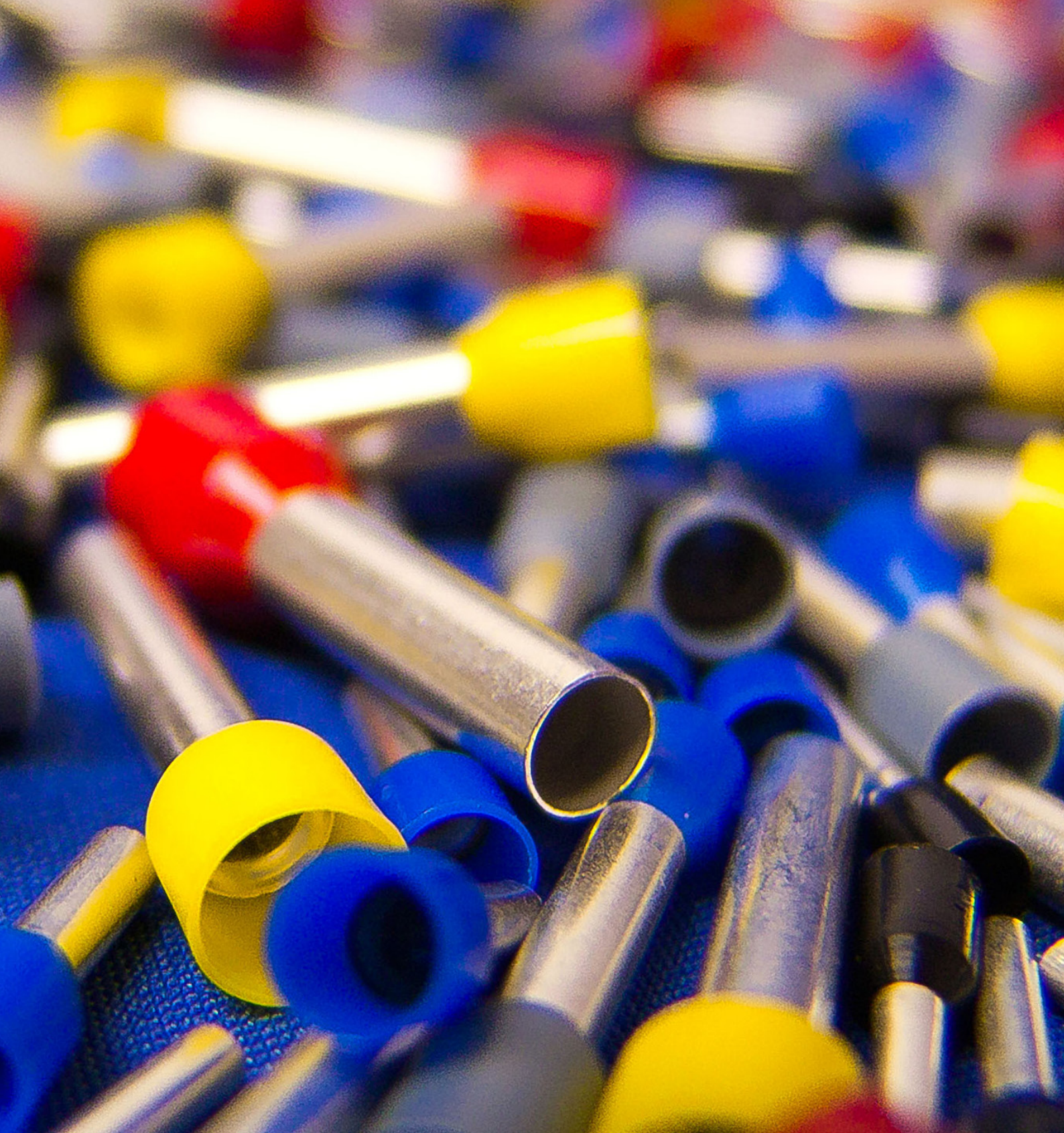
PE (thermo)



Cu-ETP 99,9%, Sn / Copper tinned
PE / Polietilene HD
300V max.
T -10 - 105°C max.

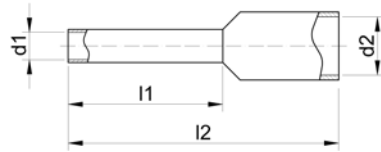


| mm ² | Art.N. | | mm | | | | Pack |
|-----------------|-----------|---|-----|-----|------|------|------|
| | | | d1 | d4 | l1 | l2 | |
| 0,1-0,5 | ICIQ05WSV | ● | 1,4 | 3,1 | 24,5 | 11,5 | 100 |
| 0,5-1 | ICIQ1WSV | ● | 1,7 | 4,4 | 36,0 | 15,0 | 100 |
| 1,5-2,5 | ICIQ2WSV | ● | 2,3 | 5,2 | 36,0 | 15,0 | 100 |
| 4-6 | ICIQ6WSV | ● | 3,6 | 6,5 | 41,0 | 15,0 | 100 |



END-SLEEVES

intercable



Cu-ETP 99,9%, Sn / Copper tinned
PP (Polipropilene insulation)
T 105°C max.
Halogen Free



| mm ² | Color 1 Art. N. | Color 2 Art. N. | DIN 46228/4 Art. N. | d1 | d2 | l2 | l1 | Pack |
|-----------------|-----------------|-----------------|---------------------|------|------|----|-----------|------|
| 0,14 | ● ICIAE0146 | ● ICIAE0146BR | | 0,7 | 1,6 | 10 | 6 | 100 |
| | ● ICIAE0148 | ● ICIAE0148BR | | 0,7 | 1,6 | 12 | 8 | 100 |
| 0,25 | ● ICIAE0256 | ● ICIAE0256HGE | | 0,75 | 1,8 | 10 | 6 | 100 |
| | ● ICIAE0258 | ● ICIAE0258HGE | | 0,75 | 1,8 | 12 | 8 | 100 |
| 0,34 | ● ICIAE0346 | ● ICIAE0346HGRÜ | | 0,8 | 2,0 | 10 | 6 | 100 |
| | ● ICIAE0348 | ● ICIAE0348HGRÜ | | 0,8 | 2,0 | 12 | 8 | 100 |
| 0,5 | ● ICIAE056OR | ● ICIAE056 | ● ICIAE056 | 1,0 | 2,6 | 12 | 6 | 100 |
| | ● ICIAE058OR | ● ICIAE058 | ● ICIAE058 | 1,0 | 2,6 | 14 | 8 | 100 |
| | ● ICIAE0510OR | ● ICIAE0510 | ● ICIAE0510 | 1,0 | 2,6 | 16 | 10 | 100 |
| 0,75 | ● ICIAE0756WE | ● ICIAE0756BL | ● ICIAE07506 | 1,2 | 2,8 | 12 | 6 | 100 |
| | ● ICIAE0758WE | ● ICIAE0758BL | ● ICIAE07508 | 1,2 | 2,8 | 14 | 8 | 100 |
| | ● ICIAE07510WE | ● ICIAE07150BL | ● ICIAE07510 | 1,2 | 2,8 | 16 | 10 | 100 |
| | ● ICIAE07512WE | ● ICIAE07512BL | ● ICIAE07512 | 1,2 | 2,8 | 18 | 12 | 100 |
| 1 | ● ICIAE16GE | ● ICIAE16 | ● ICIAE16 | 1,4 | 3,0 | 12 | 6 | 100 |
| | ● ICIAE18GE | ● ICIAE18 | ● ICIAE18 | 1,4 | 3,0 | 14 | 8 | 100 |
| | ● ICIAE110GE | ● ICIAE110 | ● ICIAE110 | 1,4 | 3,0 | 16 | 10 | 100 |
| | ● ICIAE112GE | ● ICIAE112 | ● ICIAE112 | 1,4 | 3,0 | 18 | 12 | 100 |
| 1,5 | ● ICIAE158RO | ● ICIAE158 | ● ICIAE158 | 1,7 | 3,5 | 14 | 8 | 100 |
| | ● ICIAE1510RO | ● ICIAE1510 | ● ICIAE1510 | 1,7 | 3,5 | 16 | 10 | 100 |
| | ● ICIAE1512RO | ● ICIAE1512 | ● ICIAE1512 | 1,7 | 3,5 | 18 | 12 | 100 |
| | ● ICIAE1518RO | ● ICIAE1518 | ● ICIAE1518 | 1,7 | 3,5 | 24 | 18 | 100 |
| 2,5 | ● ICIAE28 | ● ICIAE28GR | ● ICIAE28 | 2,2 | 4,2 | 14 | 8 | 100 |
| | ● ICIAE212 | ● ICIAE212GR | ● ICIAE212 | 2,2 | 4,2 | 18 | 12 | 100 |
| | ● ICIAE218 | ● ICIAE218GR | ● ICIAE218 | 2,2 | 4,2 | 24 | 18 | 100 |
| 4 | ● ICIAE410 | ● ICIAE410OR | ● ICIAE410 | 2,8 | 4,8 | 17 | 10 | 100 |
| | ● ICIAE412 | ● ICIAE412OR | ● ICIAE412 | 2,8 | 4,8 | 20 | 12 | 100 |
| | ● ICIAE418 | ● ICIAE418OR | ● ICIAE418 | 2,8 | 4,8 | 26 | 18 | 100 |
| 6 | ● ICIAE612SCH | ● ICIAE612GRÜ | ● ICIAE612 | 3,5 | 6,3 | 20 | 12 | 100 |
| | ● ICIAE618SCH | ● ICIAE618GRÜ | ● ICIAE618 | 3,5 | 6,3 | 26 | 18 | 100 |
| 10 | ● ICIAE1012ELF | ● ICIAE1012BR | ● ICIAE1012 | 4,5 | 7,6 | 22 | 12 | 100 |
| | ● ICIAE1018ELF | ● ICIAE1018BR | ● ICIAE1018 | 4,5 | 7,6 | 28 | 18 | 100 |
| 16 | ● ICIAE1612GRÜ | ● ICIAE1612ELF | ● ICIAE1612 | 5,8 | 8,8 | 24 | 12 | 100 |
| | ● ICIAE1618GRÜ | ● ICIAE1618ELF | ● ICIAE1618 | 5,8 | 8,8 | 28 | 18 | 100 |
| 25 | ● ICIAE2516BR | ● ICIAE2516SCH | ● ICIAE2516 | 7,3 | 11,2 | 30 | 16 | 50 |
| | ● ICIAE2518BR | ● ICIAE2518SCH | ● ICIAE2518 | 7,3 | 11,2 | 32 | 18 | 50 |
| | ● ICIAE2522BR | ● ICIAE2522SCH | ● ICIAE2522 | 7,3 | 11,2 | 36 | 22 | 50 |
| 35 | ● ICIAE3516BE | | ● ICIAE3516 | 8,3 | 12,7 | 30 | 16 | 50 |
| | ● ICIAE3518BE | | ● ICIAE3518 | 8,3 | 12,7 | 32 | 18 | 50 |
| | ● ICIAE3525BE | | ● ICIAE3525 | 8,3 | 12,7 | 39 | 25 | 50 |
| 50 | ● ICIAE5020OL | | ● ICIAE5020 | 10,3 | 15,0 | 36 | 20 | 50 |
| | ● ICIAE5025OL | | ● ICIAE5025 | 10,3 | 15,0 | 40 | 25 | 50 |
| 70 | ● ICIAE7021 | | | 13,5 | 16,0 | 37 | 21 | 25 |
| 95 | ● ICIAE9525 | | | 14,5 | 18,0 | 44 | 25 | 25 |
| 120 | ● ICIAE12027 | | | 16,5 | 20,0 | 48 | 27 | 10 |
| 150 | ● ICIAE15032 | | | 19,5 | 23,0 | 58 | 32 | 10 |



Cu-ETP 99,9%, Sn / Copper tinned
PP (Polipropilene insulation)
T 105°C max.
Halogen Free

| mm ² | l mm | Color | Art. N. | mm | | | | kg (/1000) | Pack |
|-----------------|------|-------|------------|------|----|-----|------|------------|------|
| | | | | l1 | l2 | d1 | d2 | | |
| 1,5 | 8 | ● | ICIAE158K | 17,5 | 8 | 1,8 | 7,5 | 0,08 | 100 |
| | 10 | ● | ICIAE1510K | 19,5 | 10 | | | 0,10 | 100 |
| 2,5 | 8 | ● | ICIAE28K | 17,5 | 8 | 2,3 | 8 | 0,09 | 100 |
| | 12 | ● | ICIAE212K | 21,5 | 12 | | | 0,14 | 100 |
| 4 | 10 | ● | ICIAE410K | 19,5 | 10 | 2,9 | 9,5 | 0,18 | 100 |
| 6 | 12 | ● | ICIAE612K | 23 | 12 | 3,6 | 10 | 0,28 | 100 |
| 10 | 12 | ● | ICIAE1012K | 24 | 12 | 4,6 | 11,5 | 0,39 | 100 |
| 16 | 12 | ● | ICIAE1612K | 25,5 | 12 | 6 | 13,5 | 0,50 | 100 |

2 x



Cu-ETP 99,9%, Sn / Copper tinned
PP (Polipropilene insulation)
T 105°C max.
Halogen Free



| mm ² | Color 1 Art. N. | Color 2 Art. N. | DIN 46228/4 Art. N. | d1 | d2 | d3 | l2 | l1 | Pack |
|-----------------|-----------------|-----------------|---------------------|------|-----|------|------|----|------|
| 2 x 0,25 | ● ICIAE0258Z | | | 1,15 | 1,8 | 3,4 | 15 | 8 | 100 |
| 2 x 0,34 | ● ICIAE0348Z | | | 1,15 | 1,8 | 3,4 | 15 | 8 | 100 |
| 2 x 0,5 | ● ICIAE058ZOR | ● ICIAE058Z | ● ICIAE058Z | 1,4 | 2,5 | 4,7 | 15 | 8 | 100 |
| 2 x 0,75 | ● ICIAE0756ZWE | ● ICIAE0756ZBL | ● ICIAE0756Z | 1,8 | 2,8 | 5 | 13 | 6 | 100 |
| | ● ICIAE0758ZWE | ● ICIAE0758ZBL | ● ICIAE0758Z | 1,8 | 2,8 | 5 | 15 | 8 | 100 |
| | ● ICIAE07510ZWE | ● ICIAE07510ZBL | ● ICIAE07510Z | 1,8 | 2,8 | 5 | 17 | 10 | 100 |
| 2 x 1 | ● ICIAE16ZGE | ● ICIAE16Z | ● ICIAE16Z | 2 | 3,4 | 5,4 | 13 | 6 | 100 |
| | ● ICIAE18ZGE | ● ICIAE18Z | ● ICIAE18Z | 2 | 3,4 | 5,4 | 15 | 8 | 100 |
| | ● ICIAE110ZGE | ● ICIAE110Z | ● ICIAE110Z | 2 | 3,4 | 5,4 | 17 | 10 | 100 |
| | ● ICIAE118ZGE | ● ICIAE118Z | ● ICIAE118Z | 2 | 3,4 | 5,4 | 25 | 18 | 100 |
| 2 x 1,5 | ● ICIAE158ZRO | ● ICIAE158Z | ● ICIAE158Z | 2,3 | 3,6 | 6,6 | 16 | 8 | 100 |
| | ● ICIAE1512ZRO | ● ICIAE1512Z | ● ICIAE1512Z | 2,3 | 3,6 | 6,6 | 20 | 12 | 100 |
| | ● ICIAE1518ZRO | ● ICIAE1518Z | ● ICIAE1518Z | 2,3 | 3,6 | 6,6 | 26 | 18 | 100 |
| 2 x 2,5 | ● ICIAE210Z | ● ICIAE210ZGR | ● ICIAE210Z | 2,9 | 4,2 | 7,8 | 18,5 | 10 | 100 |
| | ● ICIAE213Z | ● ICIAE213ZGR | ● ICIAE213Z | 2,9 | 4,2 | 7,8 | 21,5 | 13 | 100 |
| 2 x 4 | ● ICIAE412Z | ● ICIAE412ZOR | ● ICIAE412Z | 3,7 | 4,9 | 8,8 | 23 | 12 | 100 |
| 2 x 6 | ● ICIAE614ZSCH | ● ICIAE614ZGRÜ | ● ICIAE614Z | 4,8 | 6,9 | 10 | 26 | 14 | 100 |
| 2 x 10 | ● ICIAE1014ZELF | ● ICIAE1014ZBR | ● ICIAE1014Z | 6,4 | 7,2 | 13 | 26 | 14 | 100 |
| 2 x 16 | ● ICIAE1614ZGRÜ | ● ICIAE1614ZELF | ● ICIAE1614Z | 8,2 | 9,6 | 18,4 | 30 | 14 | 50 |

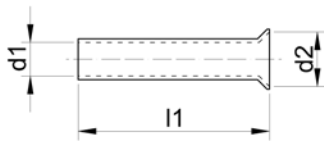
typically used tools: „GENERAL CATALOG TOOLS“



0,08 - 95 mm² page: 133-135



series 45, 50, 60, 130: 10 mm² ≤ .. page: 139-141, 144



Cu-ETP 99,9%, Sn / Copper tinned (DIN EN 13600)

DIN 46228 p. 1.
(exc.: *)

code T... :

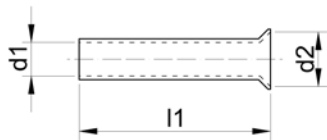


| mm ² | Art. N. | mm | | | kg (/1000) | Pack |
|-----------------|-----------|----|------|-----|------------|------|
| | | l1 | d1 | d2 | | |
| 0,14 | ICAE0147 | 7 | 0,65 | | 0,03 | 500 |
| 0,25 | ICAE0255* | 5 | 0,75 | | 0,03 | 500 |
| | ICAE0257* | 7 | | | 0,04 | 500 |
| 0,34 | ICAE0345* | 5 | 0,85 | | 0,03 | 500 |
| | ICAE0347* | 7 | | | 0,04 | 500 |
| 0,5 | ICAE056 | 6 | 1,1 | 2,1 | 0,04 | 500 |
| | ICAE058* | 8 | | | 0,05 | 500 |
| | ICAE0510 | 10 | | | 0,06 | 500 |
| 0,75 | ICAE0756 | 6 | 1,3 | 2,3 | 0,04 | 500 |
| | ICAE0758 | 8 | | | 0,05 | 500 |
| | ICAE07510 | 10 | | | 0,07 | 500 |
| 1 | ICAE16 | 6 | 1,5 | 2,5 | 0,05 | 500 |
| | ICAE18* | 8 | | | 0,06 | 500 |
| | ICAE110 | 10 | | | 0,08 | 500 |
| 1,5 | ICAE157 | 7 | 1,9 | 2,8 | 0,07 | 500 |
| | ICAE1510 | 10 | | | 0,10 | 500 |
| | ICAE1512 | 12 | | | 0,11 | 500 |
| | ICAE1515* | 15 | | | 0,15 | 500 |
| 2,5 | ICAE27 | 7 | 2,3 | 3,4 | 0,08 | 500 |
| | ICAE210 | 10 | | | 0,10 | 500 |
| | ICAE212 | 12 | | | 0,14 | 500 |
| | ICAE215* | 15 | | | 0,18 | 500 |
| | ICAE218 | 18 | | | 0,21 | 500 |
| 4 | ICAE49 | 9 | 2,9 | 4,0 | 0,17 | 100 |
| | ICAE412 | 12 | | | 0,22 | 100 |
| | ICAE418 | 18 | | | 0,34 | 100 |
| 6 | ICAE610 | 10 | 3,5 | 4,7 | 0,23 | 100 |
| | ICAE612 | 12 | | | 0,28 | 100 |
| | ICAE618 | 18 | | | 0,41 | 100 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 133-135



Cu-ETP 99,9%, Sn / Copper tinned (DIN EN 13600)

DIN 46228 p. 1.
(exc.: *)

code T... :



| mm ² | Art. N. | mm | | | kg (/1000) | Pack |
|-----------------|------------|----|------|------|------------|------|
| | | l1 | d1 | d2 | | |
| 10 | ICAE1010* | 10 | 4,6 | 5,8 | 0,30 | 100 |
| | ICAE1012 | 12 | | | 0,39 | 100 |
| | ICAE1015 | 15 | | | 0,45 | 100 |
| | ICAE1018 | 18 | | | 0,58 | 100 |
| 16 | ICAE1612 | 12 | 6 | 7,5 | 0,50 | 100 |
| | ICAE1615 | 15 | | | 0,56 | 100 |
| | ICAE1618 | 18 | | | 0,74 | 100 |
| | ICAE1625 | 25 | | | 1,00 | 100 |
| 25 | ICAE2512* | 12 | 7,5 | 9,5 | 0,61 | 50 |
| | ICAE2515 | 15 | | | 0,93 | 50 |
| | ICAE2518 | 18 | | | 0,93 | 50 |
| | ICAE2525 | 25 | | | 1,26 | 50 |
| 35 | ICAE3518 | 18 | 8,5 | 11,0 | 1,04 | 50 |
| | ICAE3525 | 25 | | | 1,38 | 50 |
| 50 | ICAE5018 | 18 | 10,5 | | 1,94 | 50 |
| | ICAE5022* | 22 | | | 2,31 | 50 |
| | ICAE5025 | 25 | | | 2,59 | 50 |
| | ICAE5032 | 32 | | | 3,02 | 50 |
| 70 | ICAE7025* | 25 | 12,7 | | 3,68 | 25 |
| | ICAE7032* | 32 | | | 4,85 | 25 |
| 95 | ICAE9525* | 25 | 14,7 | | 4,24 | 25 |
| | ICAE9532* | 32 | | | 5,30 | 25 |
| 120 | ICAE12032* | 32 | 16,7 | | 7,87 | 10 |
| | ICAE12040* | 40 | | | 10,11 | 10 |
| 150 | ICAE15032* | 32 | 18,7 | | 8,89 | 10 |
| | ICAE15040* | 40 | | | 10,70 | 10 |
| 185 | ICAE18540* | 40 | 20,2 | | 14,37 | 10 |
| 240 | ICAE24034* | 34 | 23,1 | | 13,04 | 10 |
| | ICAE24040* | 40 | | | 15,34 | 10 |

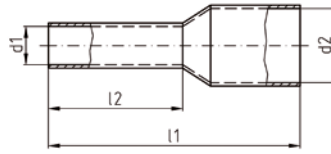
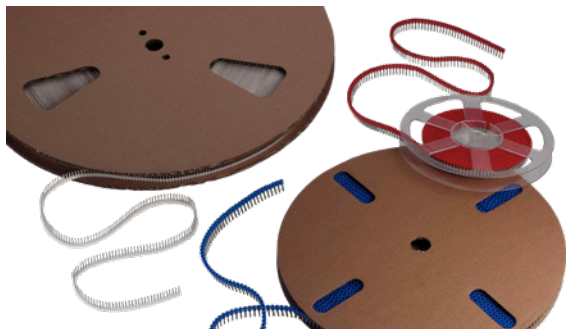
typically used tools: „GENERAL CATALOG TOOLS”



0,08 - 95 mm² page: 133-135



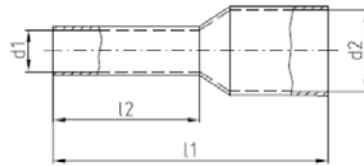
series 45, 50, 60, 130: 10 mm² ≤ .. page: 139-141, 144



Cu-ETP 99,9%, Sn / Copper tinned
PP (Polipropilene insulation)
T 105°C max.
Halogen Free



| mm ² | Color | Art. N. Reel Ø 18 cm | Qty / Reel | Art. N. Reel Ø 32 cm | Qty / Reel | Art. N. Reel Ø 45 cm | Qty / Reel | d1 | d2 | l1 | l2 |
|-----------------|-------|-------------------------|------------|-------------------------|------------|-------------------------|------------|-----|-----|------|-----|
| 0,5 | ● | TPD0508BL | 1.000 | TPD0508BM | 4.000 | TPD0508BL | 10.000 | 1,0 | 2,6 | 14,0 | 8,0 |
| 0,75 | ● | TPD7508BL | 1.000 | TPD7508BM | 4.000 | TPD7508BL | 10.000 | 1,2 | 2,8 | 14,0 | 8,0 |
| 1 | ● | TPD0108BL | 800 | TPD0108BM | 3.500 | TPD0108BL | 7.500 | 1,4 | 3,0 | 14,0 | 8,0 |
| 1,5 | ● | TPD1508BL | 800 | TPD1508BM | 3.500 | TPD1508BL | 7.500 | 1,7 | 3,5 | 14,0 | 8,0 |
| 2,5 | ● | TPD2508BL | 500 | TPD2508BM | 2.500 | TPD2508BL | 5.000 | 2,2 | 4,2 | 14,0 | 8,0 |



Cu-ETP 99,9%, Sn / Copper tinned
PP (Polipropilene insulation)
T 105°C max.
Halogen Free
DIN 46228 p. 4.



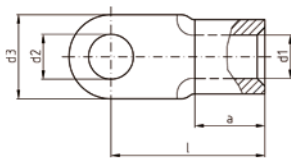
| mm ² | l mm | Color DIN Art. N. | Color 1 Art. N. | mm | | | | kg (/1000) | Pack |
|-----------------|------|----------------------|--------------------|----|----|-----|-----|------------|------|
| | | | | l1 | l2 | d1 | d2 | | |
| 0,5 | 8 | ● ICIAE058STF | ● ICIAE058ORSTF | 14 | 8 | 1 | 2,6 | 0,05 | 500 |
| 0,75 | 8 | ● ICIAE0758STF | ● ICIAE0758WESTF | 14 | 8 | 1,2 | 2,8 | 0,05 | 500 |
| 1 | 8 | ● ICIAE18STF | ● ICIAE18GESTF | 14 | 8 | 1,4 | 3 | 0,06 | 500 |
| 1,5 | 8 | ● ICIAE158STF | ● ICIAE158ROSTF | 14 | 8 | 1,7 | 3,5 | 0,08 | 500 |
| 2,5 | 8 | ● ICIAE28STF | ● ICIAE28STF | 14 | 8 | 2,2 | 4,2 | 0,09 | 500 |



UNINSULATED TERMINALS
soldered, plate types

intercable

DIN 46234



Cu-HCP 99,9%, Sn / Copper tinned

DIN 46234
(exc.: *)

| mm ² | Ø mm | Art.N. | mm | | | | | kg (/100) | Pack |
|-----------------|------|---------|-----|------|----|----|---|-----------|------|
| | | | d1 | d2 | d3 | l | a | | |
| 0,5-1 | 2 | ICQ12* | 1,6 | 2,2 | 6 | 11 | 5 | 0,06 | 100 |
| | 2,5 | ICQ125 | | 2,7 | 6 | 11 | | 0,06 | 100 |
| | 3 | ICQ13 | | 3,2 | 6 | 11 | | 0,06 | 100 |
| | 3,5 | ICQ135 | | 3,7 | 6 | 11 | | 0,06 | 100 |
| | 4 | ICQ14 | | 4,3 | 8 | 12 | | 0,07 | 100 |
| | 5 | ICQ15 | | 5,3 | 10 | 13 | | 0,08 | 100 |
| | 6 | ICQ16* | | 6,5 | 10 | 13 | | 0,08 | 100 |
| | 8 | ICQ18* | | 8,4 | 12 | 17 | | 0,10 | 100 |
| | 10 | ICQ110* | | 10,5 | 14 | 17 | | 0,10 | 100 |
| 1,5-2,5 | 3 | ICQ23 | 2,3 | 3,2 | 6 | 11 | 5 | 0,07 | 100 |
| | 3,5 | ICQ235 | | 3,7 | 6 | 11 | | 0,06 | 100 |
| | 4 | ICQ24 | | 4,3 | 8 | 12 | | 0,08 | 100 |
| | 5 | ICQ25 | | 5,3 | 10 | 14 | | 0,10 | 100 |
| | 6 | ICQ26 | | 6,5 | 11 | 16 | | 0,11 | 100 |
| | 8 | ICQ28 | | 8,4 | 14 | 17 | | 0,14 | 100 |
| | 10 | ICQ210* | | 10,5 | 18 | 20 | | 0,19 | 100 |
| 4-6 | 12 | ICQ212* | | 13 | 18 | 20 | | 0,16 | 100 |
| | 4 | ICQ64 | 3,6 | 4,3 | 8 | 14 | 6 | 0,14 | 100 |
| | 5 | ICQ65 | | 5,3 | 10 | 15 | | 0,16 | 100 |
| | 6 | ICQ66 | | 6,5 | 11 | 16 | | 0,17 | 100 |
| | 8 | ICQ68 | | 8,4 | 14 | 19 | | 0,22 | 100 |
| | 10 | ICQ610 | | 10,5 | 18 | 21 | | 0,27 | 100 |
| 10 | 12 | ICQ612* | | 13 | 18 | 21 | | 0,24 | 100 |
| | 4 | ICQ104* | 4,5 | 4,3 | 10 | 16 | 8 | 0,23 | 100 |
| | 5 | ICQ105 | | 5,3 | 10 | 16 | | 0,23 | 100 |
| | 6 | ICQ106 | | 6,5 | 11 | 17 | | 0,24 | 100 |
| | 8 | ICQ108 | | 8,4 | 14 | 20 | | 0,30 | 100 |
| | 10 | ICQ1010 | | 10,5 | 18 | 21 | | 0,35 | 100 |
| | 12 | ICQ1012 | | 13 | 22 | 23 | | 0,41 | 100 |

typically used tools: „GENERAL CATALOG TOOLS”

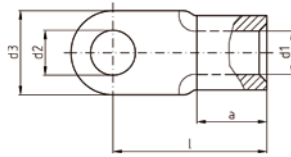


page: 137-141



series 50, 60, 130: 10 mm².≤ .. page: 144

DIN 46234



Cu-HCP 99,9%, Sn / Copper tinned

DIN 46234
(exc.: *)

| mm ² | Ø mm | Art.N. | mm | | | | | kg (/100) | Pack |
|-----------------|------|----------|-----|------|----|------|----|-----------|------|
| | | | d1 | d2 | d3 | l | a | | |
| 16 | 5 | ICQ165 | 5,8 | 5,3 | 11 | 20 | 10 | 0,40 | 100 |
| | 6 | ICQ166 | | 6,5 | 11 | 20 | | 0,38 | 100 |
| | 8 | ICQ168 | | 8,4 | 14 | 22 | | 0,43 | 100 |
| | 10 | ICQ1610 | | 10,5 | 18 | 24 | | 0,50 | 100 |
| 25 | 12 | ICQ1612 | | 13 | 22 | 26 | | 0,59 | 100 |
| | 5 | ICQ255 | 7,5 | 5,3 | 12 | 25 | 11 | 0,71 | 100 |
| | 6 | ICQ256 | | 6,5 | 12 | 25 | | 0,69 | 100 |
| | 8 | ICQ258 | | 8,4 | 16 | 25 | | 0,76 | 100 |
| 35 | 10 | ICQ2510 | | 10,5 | 18 | 26 | | 0,79 | 100 |
| | 12 | ICQ2512 | | 13 | 22 | 31 | | 0,97 | 100 |
| | 16 | ICQ2516 | | 17 | 28 | 35 | | 1,20 | 100 |
| | 6 | ICQ356 | 9 | 6,5 | 15 | 26 | 12 | 0,97 | 50 |
| 50 | 8 | ICQ358 | | 8,4 | 16 | 26 | | 0,97 | 50 |
| | 10 | ICQ3510 | | 10,5 | 18 | 27 | | 1,01 | 50 |
| | 12 | ICQ3512 | | 13 | 22 | 31 | | 1,17 | 50 |
| | 16 | ICQ3516 | | 17 | 28 | 36 | | 1,41 | 50 |
| | 20 | ICQ3520* | | 21 | 30 | 37,5 | 14 | 1,68 | 50 |
| 70 | 6 | ICQ506 | 11 | 6,5 | 18 | 34 | 16 | 1,76 | 50 |
| | 8 | ICQ508 | | 8,4 | 18 | 34 | | 1,71 | 50 |
| | 10 | ICQ5010 | | 10,5 | 18 | 34 | | 1,74 | 50 |
| | 12 | ICQ5012 | | 13 | 22 | 36 | | 1,80 | 50 |
| | 16 | ICQ5016 | | 17 | 28 | 40 | | 2,19 | 50 |
| 70 | 20 | ICQ5020* | | 21 | 32 | 41,2 | 18 | 2,57 | 50 |
| | 6 | ICQ706 | 13 | 6,5 | 22 | 38 | 18 | 2,58 | 50 |
| | 8 | ICQ708 | | 8,4 | 22 | 38 | | 2,63 | 50 |
| | 10 | ICQ7010 | | 10,5 | 22 | 38 | | 2,55 | 50 |
| | 12 | ICQ7012 | | 13 | 22 | 38 | | 2,58 | 50 |
| | 16 | ICQ7016 | | 17 | 28 | 42 | | 2,68 | 50 |
| | 20 | ICQ7020* | | 21 | 32 | 45 | 19 | 3,06 | 50 |

typically used tools: „GENERAL CATALOG TOOLS“

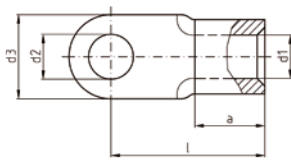


page: 137-141



series 50, 60, 130: 10 mm².s .. page: 144

DIN 46234



Cu-HCP 99,9%, Sn / Copper tinned

DIN 46234
(exc.: *)

| mm ² | Ø mm | Art.N. | mm | | | | | kg (/100) | Pack |
|-----------------|------|-----------|------|------|----|------|----|-----------|------|
| | | | d1 | d2 | d3 | l | a | | |
| 95 | 8 | ICQ958 | 15 | 8,4 | 24 | 42 | 20 | 4,09 | 50 |
| | 10 | ICQ9510 | | 10,5 | 24 | 42 | | 4,22 | 50 |
| | 12 | ICQ9512 | | 13 | 24 | 42 | | 3,92 | 50 |
| | 16 | ICQ9516 | | 17 | 28 | 44 | | 3,94 | 50 |
| | 20 | ICQ9520* | | 21 | 32 | 51,8 | | 4,26 | 50 |
| 120 | 8 | ICQ1208 | 16,5 | 8,4 | 24 | 44 | 22 | 5,63 | 50 |
| | 10 | ICQ12010 | | 10,5 | 24 | 44 | | 5,56 | 50 |
| | 12 | ICQ12012 | | 13 | 24 | 44 | | 5,33 | 50 |
| | 16 | ICQ12016 | | 17 | 28 | 48 | | 5,67 | 50 |
| | 20 | ICQ12020* | | 21 | 32 | 53 | 21 | 5,60 | 50 |
| 150 | 10 | ICQ15010 | 19 | 10,5 | 30 | 50 | 24 | 8,02 | 25 |
| | 12 | ICQ15012 | | 13 | 30 | 50 | | 7,84 | 25 |
| | 16 | ICQ15016 | | 17 | 30 | 50 | | 7,56 | 25 |
| | 20 | ICQ15020* | | 21 | 36 | 63 | 27 | 7,35 | 25 |
| 185 | 10 | ICQ18510 | 21 | 10,5 | 36 | 50 | 28 | 10,60 | 25 |
| | 12 | ICQ18512 | | 13 | 36 | 50 | | 10,78 | 25 |
| | 16 | ICQ18516 | | 17 | 36 | 50 | | 10,61 | 25 |
| | 20 | ICQ18520* | | 21 | 36 | 50 | | 10,17 | 25 |
| 240 | 10 | ICQ24010 | 23,5 | 10,5 | 38 | 56 | 32 | 15,01 | 25 |
| | 12 | ICQ24012 | | 13 | 38 | 56 | | 14,98 | 25 |
| | 16 | ICQ24016 | | 17 | 38 | 56 | | 14,53 | 25 |

typically used tools: „GENERAL CATALOG TOOLS”

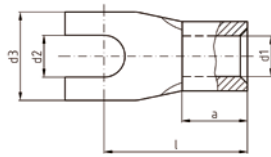


page: 137-141



series 50, 60, 130: 10 mm².≤ ... page: 144

DIN 46234

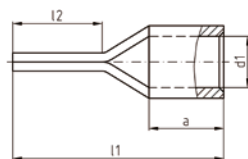


Cu-HCP 99,9%, Sn / Copper tinned

DIN 46234
(exc.: *)

| mm ² | Ø mm | Art.N. | mm | | | | | kg (/100) | Pack |
|-----------------|------|---------|-----|-----|-----|----|----|-----------|------|
| | | | d1 | d2 | d3 | l | a | | |
| 0,5-1 | 3 | ICQ13G | 1,6 | 3,2 | 6 | 11 | 5 | 0,06 | 100 |
| | 3,5 | ICQ135G | | 3,7 | 6 | 11 | | 0,05 | 100 |
| | 4 | ICQ14G | | 4,3 | 8 | 12 | | 0,07 | 100 |
| | 5 | ICQ15G | | 5,3 | 10 | 13 | | 0,08 | 100 |
| | 6 | ICQ16G | | 6,5 | 12 | 17 | | 0,09 | 100 |
| 1,5-2,5 | 3 | ICQ23G | 2,3 | 3,2 | 6 | 11 | 5 | 0,06 | 100 |
| | 3,5 | ICQ235G | | 3,7 | 6,8 | 11 | | 0,07 | 100 |
| | 4 | ICQ24G | | 4,3 | 8 | 12 | | 0,08 | 100 |
| | 5 | ICQ25G | | 5,3 | 10 | 14 | | 0,10 | 100 |
| | 6 | ICQ26G | | 6,5 | 11 | 16 | | 0,12 | 100 |
| 4-6 | 4 | ICQ64G | 3,6 | 4,3 | 8 | 14 | 6 | 0,14 | 100 |
| | 5 | ICQ65G | | 5,3 | 10 | 15 | | 0,16 | 100 |
| | 6 | ICQ66G | | 6,5 | 11 | 16 | | 0,17 | 100 |
| 10 | 8 | ICQ68G | | 8,4 | 14 | 19 | | 0,25 | 100 |
| | 5 | ICQ105G | 4,5 | 5,3 | 10 | 16 | 8 | 0,23 | 100 |
| | 6 | ICQ106G | | 6,5 | 11 | 17 | | 0,24 | 100 |
| 16 | 6 | ICQ166G | 5,8 | 6,5 | 11 | 20 | 10 | 0,50 | 50 |
| | 8 | ICQ168G | | 8,4 | 14 | 22 | | 0,50 | 50 |

DIN 46230

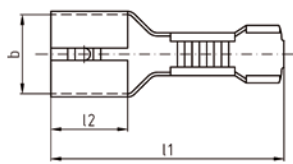


Cu-HCP 99,9%, Sn / Copper tinned

DIN 46230
(exc.: *)

| mm ² | Art.N. | mm | | | | | kg (/100) | Pack |
|-----------------|----------|------|------|----|----|------------|-----------|------|
| | | d1 | l1 | l2 | a | Ø mm | | |
| 0,5-1 | ICQ1ST | 1,6 | 17 | 10 | 5 | 1,9 | 0,06 | 100 |
| 1,5-2,5 | ICQ2ST | 2,3 | 17 | 10 | 5 | 1,9 | 0,07 | 100 |
| 4-6 | ICQ6ST | 3,6 | 20 | 11 | 6 | 2,6 | 0,15 | 100 |
| 10 | ICQ10ST | 4,5 | 22 | 12 | 8 | 2,3 x 4,2 | 0,25 | 100 |
| 16 | ICQ16ST | 5,8 | 26 | 13 | 10 | 2,5 x 5,6 | 0,43 | 100 |
| 25 | ICQ25ST* | 7 | 34,1 | 16 | 14 | 2,5 x 6,9 | 0,69 | 50 |
| 35 | ICQ35ST* | 8,4 | 41 | 20 | 16 | 3,2 x 8,1 | 1,19 | 50 |
| 50 | ICQ50ST* | 9,5 | 45,7 | 21 | 19 | 3,7 x 9,5 | 1,89 | 50 |
| 70 | ICQ70ST* | 11,2 | 55 | 24 | 24 | 4 x 11 | 3,01 | 50 |
| 95 | ICQ95ST* | 13,5 | 55,5 | 22 | 24 | 5,1 x 12,3 | 4,25 | 50 |

DIN 46247

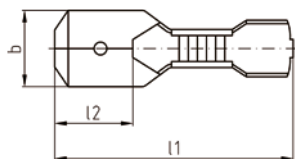


A: Brass, Sn / Brass tinned
B: Steel + Ni

DIN 46247

| mm ² | Art.N. A | mm x mm | | mm | | kg (/100) | Pack | Art. N. B |
|-----------------|-------------|---------|-----|------|-----|-----------|------|--------------|
| | | | | l1 | l2 | | | |
| 0,5-1 | ICC125FH | 2,8 | 0,5 | 14,6 | 6,2 | 0,03 | 100 | - |
| | ICC128FH | 2,8 | 0,8 | 14,6 | 6,2 | 0,03 | 100 | - |
| | ICC145FH | 4,8 | 0,5 | 15,6 | 6,4 | 0,05 | 100 | - |
| | ICC148FH | 4,8 | 0,8 | 15,6 | 6,4 | 0,05 | 100 | - |
| 1,5-2,5 | ICC168FH | 6,3 | 0,8 | 19,7 | 7,7 | 0,09 | 100 | ICC168FHSV |
| | ICC248FH | 4,8 | 0,8 | 15,9 | 6,6 | 0,05 | 100 | - |
| | ICC268FH | 6,3 | 0,8 | 19,7 | 7,7 | 0,09 | 100 | ICC268FHSV |
| 4-6 | ICC668FH | 6,3 | 0,8 | 19,8 | 7,7 | 0,10 | 100 | ICC668FHSV |

DIN 46248

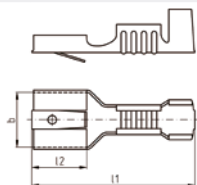


Brass, Sn / Brass tinned

DIN 46248

| mm ² | Art.N. | mm x mm | | mm | | kg (/100) | Pack |
|-----------------|----------|---------|-----|------|-----|-----------|------|
| | | | | l1 | l2 | | |
| 0,5-1 | ICC168FS | 6,3 | 0,8 | 20,5 | 9,3 | 0,06 | 100 |
| 1,5-2,5 | ICC268FS | 6,3 | 0,8 | 20,7 | 8 | 0,07 | 100 |

DIN 46340 (with lock)



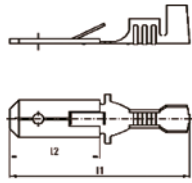
Brass, Sn / Brass tinned

DIN 46340

| mm ² | Art.N. | mm x mm | | mm | | kg (/100) | Pack |
|-----------------|-----------|---------|-----|-------|-----|-----------|------|
| | | | | l1 | l2 | | |
| 0,5-1 | ICC168FHR | 6,3 | 0,8 | 20 | 7,6 | 0,07 | 100 |
| 1,5-2,5 | ICC268FHR | 6,3 | 0,8 | 20 | 7,6 | 0,08 | 100 |
| 4-6 | ICC668FHR | 6,3 | 0,8 | 19,38 | 7,7 | 0,08 | 100 |

typically used tools: „GENERAL CATALOG TOOLS“  6 - 16 mm² page: 136

DIN 46343 (with lock)

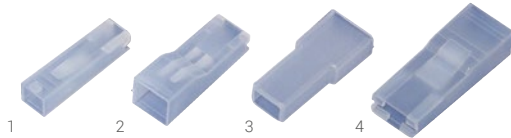


Brass, Sn / Brass tinned

DIN 46343

| mm ² | Art.N. | mm x mm | | mm | | kg (/100) | Pack |
|-----------------|------------------|---------|-----|------|------|-----------|------|
| | | | | I1 | I2 | | |
| 0,5-1 | ICC168FSR | 6,3 | 0,8 | 28 | 15 | 0,09 | 100 |
| 1,5-2,5 | ICC268FSR | 6,3 | 0,8 | 28 | 15 | 0,09 | 100 |
| 4-6 | ICC668FSR | 6,3 | 0,8 | 28,7 | 15,4 | 0,10 | 100 |

Insulation for push-on terminals



Insulation for push-on terminals (not with lock)

Natur

| | Art.N. | mm | mm ² | Material | kg (/100) | Pack |
|---|----------------|-----|-----------------|---------------|-----------|------|
| 1 | ICC12IH | 2,8 | 0,5-1 | Polyamide 6.6 | 0,03 | 100 |
| 2 | ICC24IH | 4,8 | 0,5-2,5 | Polyamide 6.6 | 0,04 | 100 |
| 3 | ICC26IH | 6,3 | 0,5-2,5 | Polyethylene | 0,04 | 100 |
| 4 | ICC66IH | 6,3 | 0,5-6 | Polyamide 6.6 | 0,06 | 100 |



Brass, Sn / Brass tinned
6,3 x 0,8 mm


| | mm ² | Art.N. | kg (/100) | Pack |
|---|-----------------|------------------|-----------|------|
| 1 | 0,5-1 | ICC1FHA | 0,11 | 100 |
| 1 | 1,5-2,5 | ICC2FHA | 0,12 | 100 |
| 2 | - | ICC68FHAI | 0,12 | 100 |
| 3 | - | ICC68FHAI | 0,14 | 100 |

UNINSULATED TERMINALS



Brass, Sn / Brass tinned

| | Art.N. | mm x mm | | Ø mm | kg (/100) | Pack |
|---|-------------|---------|-----|------|-----------|------|
| 1 | ICC68FSI | 6,3 | 0,8 | 4,2 | 0,09 | 100 |
| 2 | ICC68FSIIL4 | 6,3 | 0,8 | 4,2 | 0,09 | 100 |
| 2 | ICC68FSIIL5 | 6,3 | 0,8 | 5,2 | 0,08 | 100 |
| 3 | ICC68FSIII | 6,3 | 0,8 | 4,2 | 0,09 | 100 |
| 5 | ICC68FSVL4 | 6,3 | 0,8 | 4,3 | 0,14 | 100 |
| 5 | ICC68FSVL6 | 6,3 | 0,8 | 6,2 | 0,16 | 100 |
| 6 | ICC68FSVI | 6,3 | 0,8 | 4,3 | 0,14 | 100 |
| 7 | ICC28FSVII | 2,8 | 0,8 | - | 0,04 | 100 |
| 7 | ICC68FSVII | 6,3 | 0,8 | - | 0,09 | 100 |
| 8 | ICC68FSVIII | 6,3 | 0,8 | - | 0,05 | 100 |



Brass, Sn (tinned)
Insulation (transparent)
6,3 x 0,8 mm

| | Art.N. | Pcs | mm x mm | | b mm | Insulation | kg (/100) | Pack |
|---|------------|-----|---------|-----|------|------------|-----------|------|
| 1 | ICC168FSK | 1 | 6,3 | 0,8 | 27,8 | soft-PVC | 0,25 | 100 |
| 2 | ICC1268FSK | 12 | 6,3 | 0,8 | 25,8 | soft-PVC | 2,80 | 10 |
| 3 | ICC168FSA | 1/2 | 6,3 | 0,8 | 54,0 | soft-PVC | 0,66 | 20 |



TUBULAR CABLE LUGS & CONNECTORS
Cu, Ni, Steel, Al, Al/Cu

intercable

| | standard | page | |
|--------------------------|--------------------------|---------------------|----|
| Cu | | 40 | |
| | | 43 | |
| | FLEXIBLE cable class 5/6 | | |
| | | 46 | |
| | | 47 | |
| | | | 49 |
| | | DIN 46235 | 50 |
| | | | 53 |
| | | | 53 |
| | | | 53 |
| | | | 53 |
| | | | 53 |
| | | | 54 |
| | | | 56 |
| | | | 58 |
| | FLEXIBLE cable class 5/6 | | 60 |
| | DIN 46235 | | 62 |
| | | | 64 |
| | | 65 | |
| | | 66 | |
| | | 67 | |
| FLEXIBLE cable class 5/6 | | 68 | |
| FLEXIBLE cable class 5/6 | | 69 | |

| | standard | page | | |
|----|--------------------------|---------------------|----|----|
| Cu | | 70 | | |
| | | 71 | | |
| | FLEXIBLE cable class 5/6 | | 72 | |
| | | DIN 46341 | 73 | |
| | | DIN 46267 | 74 | |
| | | „T” and Oval | | 75 |
| | | | 76 | |
| | | | 76 | |
| | | | 77 | |
| | | | 77 | |
| | | | 79 | |













Ni
500°C


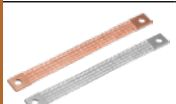




Stainless Steel
400°C

THE DIMENSIONS OF THE TUBE / PIPE OF THE CONNECTORS

Intercable company standard dimensions, **I-series** known as used commonly by ITALIAN colleagues, very cost-efficient and high quality solution fits perfectly for most connection processes.

Intercable company standard dimensions, known as used commonly by GERMAN colleagues, mostly industrial high quality solution fits perfectly for most connection processes.

| | | standard | page | |
|--|---|--|--|----|
| Cu MEDIUM VOLTAGE |  | | 80 | |
| |  | | | |
| |  | | | |
| |  | | | |
| Al - Cu LOW - MEDIUM VOLTAGE |  | DIN 46329 | 82 | |
| |  | DIN 46329 | 83 | |
| |  | | 84 | |
| |  | DIN 46329 and „ENEL” specs. | 84 | |
| |  | | 87 | |
| |  | pin connection | | |
| |  | connection and reduction | DIN 46267 and „ENEL” specs. | 89 |
| |  | full tension | | 94 |

| | | standard | page |
|---|---|---------------------|------|
| Cu, Brass |  | | 95 |
| |  | | 95 |
| |  | | 96 |
| |  | | 97 |
| |  | | |
|  | Cu end-pin | DIN 46235 | 97 |



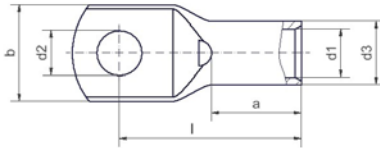
DIN

The dimensions are according to the DIN standards, or followed by the DIN guideline dimensions.

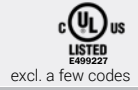
THE CRIMPING DIES AND THE CONNECTOR MUST WORK TOGETHER
The dimensions of the crimping dies
must fit to
the dimensions of the connectors!
SELECT THE RIGHT COMBINATION FROM THE SAME STANDARD!



Cu - Intercable IT standard



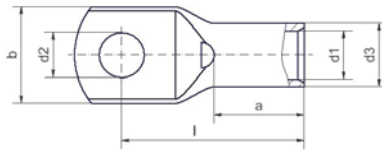
Cu-HCP 99,9% / Copper tinned
DIN EN 13600



excl. a few codes

| mm ² | Ø mm | Art. N. (inspect. hole: yes) | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|---------------------------------|--------------------------------|-----|------|------|------|------|------|------|
| 1-1,5 | 3 | | CI1.5-M3 | 1,9 | 3,9 | 3,2 | 6,5 | 14,0 | 6,0 | 50 |
| | 4 | | CI1.5-M4 | | | 4,3 | 8,5 | 15,0 | | 50 |
| | 5 | | CI1.5-M5 | | | 5,3 | 10,0 | 16,0 | | 50 |
| | 6 | | CI1.5-M6 | | | 6,4 | 11,0 | 18,0 | | 50 |
| 2,5 | 4 | | CI2.5-M4 | 2,4 | 4,4 | 4,3 | 8,5 | 15,0 | 6,5 | 50 |
| | 5 | | CI2.5-M5 | | | 5,3 | 10,0 | 16,0 | | 50 |
| | 6 | | CI2.5-M6 | | | 6,4 | 11,0 | 18,0 | | 50 |
| | 8 | | CI2.5-M8 | | | 8,4 | 13,0 | 20,0 | | 50 |
| 4 | 4 | | CI4-M4 | 3,0 | 5,0 | 4,3 | 8,5 | 17,0 | 8,0 | 50 |
| | 5 | | CI4-M5 | | | 5,3 | 10,0 | 18,0 | | 50 |
| | 6 | | CI4-M6 | | | 6,4 | 11,0 | 20,0 | | 50 |
| | 8 | | CI4-M8 | | | 8,4 | 14,0 | 22,0 | | 50 |
| 6 | 4 | | CI6-M4 | 3,7 | 5,5 | 4,3 | 8,5 | 17,5 | 8,0 | 50 |
| | 5 | | CI6-M5 | | | 5,3 | 10,0 | 19,0 | | 50 |
| | 6 | | CI6-M6 | | | 6,4 | 11,0 | 21,0 | | 50 |
| | 8 | | CI6-M8 | | | 8,4 | 14,0 | 23,0 | | 50 |
| | 10 | | CI6-M10 | | | 10,5 | 15,0 | 25,5 | | 50 |
| 10 | 4 | CI10-M4 | ICS104 | 4,3 | 6,7 | 4,3 | 10,0 | 19,5 | 10,0 | 50 |
| | 5 | CI10-M5 | ICS105 | | | 5,3 | 10,0 | 20,5 | | 50 |
| | 6 | CI10-M6 | ICS106 | | | 6,4 | 11,0 | 22,5 | | 50 |
| | 8 | CI10-M8 | ICS108 | | | 8,4 | 15,0 | 25,0 | | 50 |
| | 10 | CI10-M10 | ICS1010 | | | 10,5 | 18,0 | 27,5 | | 50 |
| | 12 | CI10-M12 | ICS1012 | | | 13,0 | 19,0 | 28,5 | | 50 |
| 16 | 5 | CI16-M5 | ICS165 | 5,4 | 7,8 | 5,3 | 12,0 | 22,5 | 11,0 | 50 |
| | 6 | CI16-M6 | ICS166 | | | 6,4 | 12,0 | 24,5 | | 50 |
| | 8 | CI16-M8 | ICS168 | | | 8,4 | 15,0 | 26,5 | | 50 |
| | 10 | CI16-M10 | ICS1610 | | | 10,5 | 18,0 | 29,0 | | 50 |
| | 12 | CI16-M12 | ICS1612 | | | 13,0 | 20,0 | 30,0 | | 50 |
| 25 | 5 | CI25-M5 | ICS255 | 6,9 | 9,4 | 5,3 | 14,0 | 25,0 | 13,0 | 50 |
| | 6 | CI25-M6 | ICS256 | | | 6,4 | 14,0 | 27,0 | | 50 |
| | 8 | CI25-M8 | ICS258 | | | 8,4 | 15,0 | 29,0 | | 50 |
| | 10 | CI25-M10 | ICS2510 | | | 10,5 | 18,0 | 31,5 | | 50 |
| | 12 | CI25-M12 | ICS2512 | | | 13,0 | 20,0 | 32,5 | | 50 |
| | 14 | CI25-M14 | ICS2514 | | | 15,0 | 22,0 | 34,5 | | 50 |
| 35 | 5 | CI35-M5 | ICS355 | 8,3 | 11,3 | 5,3 | 16,5 | 32,5 | 16,0 | 25 |
| | 6 | CI35-M6 | ICS356 | | | 6,4 | 16,5 | 32,5 | | 25 |
| | 8 | CI35-M8 | ICS358 | | | 8,4 | 16,5 | 33,0 | | 25 |
| | 10 | CI35-M10 | ICS3510 | | | 10,5 | 18,0 | 35,5 | | 25 |
| | 12 | CI35-M12 | ICS3512 | | | 13,0 | 20,0 | 36,5 | | 25 |
| | 14 | CI35-M14 | ICS3514 | | | 15,0 | 22,0 | 39,0 | | 25 |
| | 16 | CI35-M16 | ICS3516 | | | 17,0 | 26,0 | 41,5 | | 25 |

Cu - Intercable IT standard



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: yes) | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|---------------------------------|--------------------------------|------|------|------|------|------|------|------|
| 50 | 6 | CI50-M6 | ICS506 | 9,6 | 13,1 | 6,4 | 19,0 | 36,0 | 18,0 | 25 |
| | 8 | CI50-M8 | ICS508 | | | 8,4 | 19,0 | 37,0 | | 25 |
| | 10 | CI50-M10 | ICS5010 | | | 10,5 | 20,0 | 39,0 | | 25 |
| | 12 | CI50-M12 | ICS5012 | | | 13,0 | 23,0 | 40,5 | | 25 |
| | 14 | CI50-M14 | ICS5014 | | | 15,0 | 25,0 | 42,5 | | 25 |
| | 16 | CI50-M16 | ICS5016 | | | 17,0 | 27,0 | 45,5 | | 25 |
| | 20 | CI50-M20 | ICS5020 | | | 21,0 | 28,0 | 50,0 | | 25 |
| 70 | 6 | CI70-M6 | CI70-M6W | 11,3 | 14,7 | 6,4 | 22,5 | 41,0 | 21,0 | 25 |
| | 8 | CI70-M8 | CI70-M8W | | | 8,4 | 22,5 | 41,0 | | 25 |
| | 10 | CI70-M10 | CI70-M10W | | | 10,5 | 22,5 | 42,5 | | 25 |
| | 12 | CI70-M12 | CI70-M12W | | | 13,0 | 23,0 | 43,5 | | 25 |
| | 14 | CI70-M14 | CI70-M14W | | | 15,0 | 26,0 | 46,0 | | 25 |
| | 16 | CI70-M16 | CI70-M16W | | | 17,0 | 28,0 | 48,5 | | 25 |
| 95 | 6 | CI95-M6 | ICS956 | 13,5 | 17,5 | 6,4 | 25,0 | 46,0 | 23,0 | 25 |
| | 8 | CI95-M8 | ICS958 | | | 8,4 | 25,0 | 45,5 | | 25 |
| | 10 | CI95-M10 | ICS9510 | | | 10,5 | 25,0 | 47,0 | | 25 |
| | 12 | CI95-M12 | ICS9512 | | | 13,0 | 26,0 | 47,0 | | 25 |
| | 14 | CI95-M14 | ICS9514 | | | 15,0 | 26,0 | 49,0 | | 25 |
| | 16 | CI95-M16 | ICS9516 | | | 17,0 | 28,0 | 50,0 | | 25 |
| | 20 | CI95-M20 | ICS9520 | | | 21,0 | 31,0 | 54,5 | | 25 |
| 120 | 8 | CI120-M8 | ICS1208 | 15,5 | 20,0 | 8,4 | 29,0 | 50,5 | 26,0 | 25 |
| | 10 | CI120-M10 | ICS12010 | | | 10,5 | 29,0 | 53,0 | | 25 |
| | 12 | CI120-M12 | ICS12012 | | | 13,0 | 29,0 | 52,5 | | 25 |
| | 14 | CI120-M14 | ICS12014 | | | 15,0 | 29,0 | 53,5 | | 25 |
| | 16 | CI120-M16 | ICS12016 | | | 17,0 | 29,0 | 55,0 | | 25 |
| | 20 | CI120-M20 | ICS12020 | | | 21,0 | 35,0 | 60,0 | | 25 |
| 150 | 8 | CI150-M8 | ICS1508 | 16,8 | 21,3 | 8,4 | 31,0 | 55,5 | 29,0 | 10 |
| | 10 | CI150-M10 | ICS15010 | | | 10,5 | 31,0 | 56,5 | | 10 |
| | 12 | CI150-M12 | ICS15012 | | | 13,0 | 31,0 | 56,0 | | 10 |
| | 14 | CI150-M14 | ICS15014 | | | 15,0 | 31,0 | 57,0 | | 10 |
| | 16 | CI150-M16 | ICS15016 | | | 17,0 | 31,0 | 58,0 | | 10 |
| | 20 | CI150-M20 | ICS15020 | | | 21,0 | 35,0 | 63,0 | | 10 |
| 185 | 8 | CI185-M8 | ICS1858 | 19,0 | 24,0 | 8,4 | 35,0 | 58,0 | 30,0 | 10 |
| | 10 | CI185-M10 | ICS18510 | | | 10,5 | 35,0 | 59,0 | | 10 |
| | 12 | CI185-M12 | ICS18512 | | | 13,0 | 35,0 | 58,5 | | 10 |
| | 14 | CI185-M14 | ICS18514 | | | 15,0 | 35,0 | 61,0 | | 10 |
| | 16 | CI185-M16 | ICS18516 | | | 17,0 | 35,0 | 63,0 | | 10 |
| | 20 | CI185-M20 | ICS18520 | | | 21,0 | 35,0 | 66,0 | | 10 |

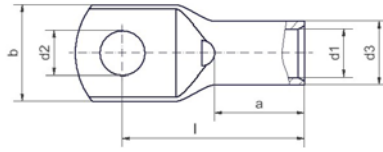
typically used tools: „GENERAL CATALOG TOOLS“



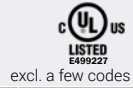
! standard: I-series



Cu - Intercable IT standard



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: yes) | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|---------------------------------|--------------------------------|------|------|------|------|-------|------|------|
| 240 | 8 | CI240-M8 | CI240-M8W | 21,1 | 27,3 | 8,4 | 39,0 | 69,0 | 35,0 | 10 |
| | 10 | CI240-M10 | CI240-M10W | | | 10,5 | 39,0 | 69,0 | | 10 |
| | 12 | CI240-M12 | CI240-M12W | | | 13,0 | 39,0 | 69,0 | | 10 |
| | 14 | CI240-M14 | CI240-M14W | | | 15,0 | 39,0 | 71,0 | | 10 |
| | 16 | CI240-M16 | CI240-M16W | | | 17,0 | 39,0 | 71,5 | | 10 |
| | 20 | CI240-M20 | CI240-M20W | | | 21,0 | 39,0 | 73,0 | | 10 |
| 300 | 10 | CI300-M10 | ICS30010 | 24,0 | 30,0 | 10,5 | 44,0 | 79,5 | 42,0 | 5 |
| | 12 | CI300-M12 | ICS30012 | | | 13,0 | 44,0 | 82,0 | | 5 |
| | 14 | CI300-M14 | ICS30014 | | | 15,0 | 44,0 | 84,0 | | 5 |
| | 16 | CI300-M16 | ICS30016 | | | 17,0 | 44,0 | 85,0 | | 5 |
| | 20 | CI300-M20 | ICS30020 | | | 21,0 | 44,0 | 85,0 | | 5 |
| 400 | 10 | CI400-M10 | CI400-M10W | 27,0 | 35,0 | 10,5 | 51,0 | 94,0 | 42,0 | 5 |
| | 12 | CI400-M12 | CI400-M12W | | | 13,0 | 51,0 | 94,0 | | 5 |
| | 14 | CI400-M14 | CI400-M14W | | | 15,0 | 51,0 | 94,0 | | 5 |
| | 16 | CI400-M16 | CI400-M16W | | | 17,0 | 51,0 | 94,0 | | 5 |
| | 20 | CI400-M20 | CI400-M20W | | | 21,0 | 51,0 | 94,0 | | 5 |
| 500 | 12 | CI500-M12 | ICS50012 | 31,0 | 38,0 | 13,0 | 55,5 | 113,0 | 70,0 | 5 |
| | 16 | CI500-M16 | ICS50016 | | | 17,0 | 55,5 | 113,0 | | 5 |
| | 20 | CI500-M20 | ICS50020 | | | 21,0 | 55,5 | 113,0 | | 5 |
| 630 | 16 | CI630-M16 | ICS63016 | 34,0 | 41,0 | 17,0 | 61,0 | 131,0 | 70,0 | 5 |
| | 20 | CI630-M20 | ICS63020 | | | 21,0 | 61,0 | 131,0 | | 5 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 139-141



hydraulic tool selection: page: 144

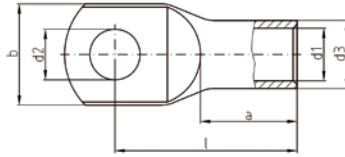


! standard: I-series

crimping dies: page: 163-184



Cu - Intercable D standard „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: yes) | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|---------------------------------|--------------------------------|-----|-----|------|-----|------|-----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 0,5-0,75 | 3 | | ICR0753* | 1,4 | 3 | 3,2 | 6,5 | 12,5 | 6 | 0,07 | 50 |
| | 4 | | ICR0754* | | | 4,3 | 8,5 | 14 | | 0,08 | 50 |
| | 5 | | ICR0755* | | | 5,3 | 10 | 15 | | 0,10 | 50 |
| 1,0-1,5 | 3 | | ICR13* | 1,9 | 3,9 | 3,2 | 6,5 | 14 | 6 | 0,13 | 50 |
| | 4 | | ICR14* | | | 4,3 | 8,5 | 15 | | 0,14 | 50 |
| | 5 | | ICR15* | | | 5,3 | 10 | 16 | | 0,15 | 50 |
| 2,5 | 6 | | ICR16* | | | 6,4 | 11 | 18 | | 0,17 | 50 |
| | 4 | | ICR24* | 2,4 | 4,4 | 4,3 | 8,5 | 15 | 6,5 | 0,16 | 50 |
| | 5 | | ICR25* | | | 5,3 | 10 | 16 | | 0,18 | 50 |
| | 6 | | ICR26* | | | 6,4 | 11 | 18 | | 0,20 | 50 |
| | 8 | | ICR28* | | | 8,4 | 13 | 20 | | 0,23 | 50 |
| | 4 | | ICR44* | 3 | 5 | 4,3 | 8,5 | 17 | 8 | 0,22 | 50 |
| | 5 | | ICR45* | | | 5,3 | 10 | 18 | | 0,24 | 50 |
| | 6 | | ICR46* | | | 6,4 | 11 | 20 | | 0,26 | 50 |
| | 8 | | ICR48* | | | 8,4 | 14 | 22 | | 0,30 | 50 |
| 6 | 4 | ICR64SL | ICR64 | 3,5 | 6,5 | 4,3 | 10 | 19 | 9 | 0,49 | 50 |
| | 5 | ICR65SL | ICR65 | | | 5,3 | 10 | 20 | | 0,47 | 50 |
| | 6 | ICR66SL | ICR66 | | | 6,4 | 11 | 21,5 | | 0,54 | 50 |
| | 8 | ICR68SL | ICR68 | | | 8,4 | 15 | 24 | | 0,60 | 50 |
| | 10 | ICR610SL | ICR610 | | | 10,5 | 18 | 26 | | 0,64 | 50 |
| 10 | 12 | ICR612SL | ICR612 | | | 13 | 20 | 27,5 | | 0,64 | 50 |
| | 4 | ICR104SL | ICR104 | 4,5 | 7 | 4,3 | 12 | 20 | 10 | 0,43 | 50 |
| | 5 | ICR105SL | ICR105 | | | 5,3 | 12 | 21 | | 0,49 | 50 |
| | 6 | ICR106SL | ICR106 | | | 6,4 | 12 | 22,5 | | 0,51 | 50 |
| | 8 | ICR108SL | ICR108 | | | 8,4 | 15 | 25 | | 0,60 | 50 |
| 16 | 10 | ICR1010SL | ICR1010 | | | 10,5 | 18 | 27 | | 0,63 | 50 |
| | 12 | ICR1012SL | ICR1012 | | | 13 | 20 | 28,5 | | 0,64 | 50 |
| | 4 | ICR164SL | ICR164 | 5,5 | 8,5 | 4,3 | 12 | 24 | 13 | 0,82 | 50 |
| | 5 | ICR165SL | ICR165 | | | 5,3 | 12 | 25 | | 0,88 | 50 |
| | 6 | ICR166SL | ICR166 | | | 6,4 | 12 | 26,5 | | 0,96 | 50 |
| | 8 | ICR168SL | ICR168 | | | 8,4 | 15 | 29 | | 1,04 | 50 |
| | 10 | ICR1610SL | ICR1610 | | | 10,5 | 18 | 31 | | 1,10 | 50 |
| | 12 | ICR1612SL | ICR1612 | | | 13 | 19 | 32 | | 1,13 | 50 |

typically used tools: „GENERAL CATALOG TOOLS“



! standard: R-series

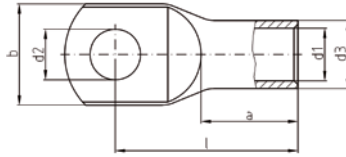
page: 137-141

hydraulic tool selection: page: 144

crimping dies: page: 163-184



Cu - Intercable D standard „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: yes) | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|---------------------------------|--------------------------------|------|------|------|------|------|----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 25 | 5 | ICR255SL | ICR255 | 7 | 10 | 5,3 | 15 | 33,5 | 15 | 1,38 | 50 |
| | 6 | ICR256SL | ICR256 | | | 6,4 | 15 | 31,5 | | 1,31 | 50 |
| | 8 | ICR258SL | ICR258 | | | 8,4 | 16 | 33 | | 1,30 | 50 |
| | 10 | ICR2510SL | ICR2510 | | | 10,5 | 18 | 34,5 | | 1,51 | 50 |
| | 12 | ICR2512SL | ICR2512 | | | 13 | 20 | 36 | | 1,55 | 50 |
| | 14 | ICR2514SL | ICR2514 | | | 15 | 22 | 39 | | 1,74 | 50 |
| | 16 | ICR2516SL | ICR2516 | | | 17 | 26 | 42 | | 1,62 | 50 |
| 35 | 6 | ICR356SL | ICR356 | 8,5 | 12 | 6,4 | 17 | 33 | 17 | 2,11 | 25 |
| | 8 | ICR358SL | ICR358 | | | 8,4 | 17 | 34 | | 2,18 | 25 |
| | 10 | ICR3510SL | ICR3510 | | | 10,5 | 20 | 36,5 | | 2,27 | 25 |
| | 12 | ICR3512SL | ICR3512 | | | 13 | 22 | 37,5 | | 2,33 | 25 |
| | 14 | ICR3514SL | ICR3514 | | | 15 | 23 | 40 | | 2,44 | 25 |
| | 16 | ICR3516SL | ICR3516 | | | 17 | 28 | 44 | | 2,60 | 25 |
| 50 | 6 | ICR506SL | ICR506 | 10 | 14 | 6,4 | 20 | 37 | 19 | 3,02 | 25 |
| | 8 | ICR508SL | ICR508 | | | 8,4 | 20 | 39 | | 3,04 | 25 |
| | 10 | ICR5010SL | ICR5010 | | | 10,5 | 20 | 40,5 | | 3,17 | 25 |
| | 12 | ICR5012SL | ICR5012 | | | 13 | 23 | 42 | | 3,26 | 25 |
| | 14 | ICR5014SL | ICR5014 | | | 15 | 23 | 44 | | 3,41 | 25 |
| | 16 | ICR5016SL | ICR5016 | | | 17 | 27 | 46 | | 3,64 | 25 |
| | 20 | ICR5020SL | ICR5020 | | | 21 | 30,5 | 52,5 | | 3,89 | 25 |
| 70 | 6 | ICR706SL | ICR706 | 12 | 16,5 | 6,4 | 24 | 40,5 | 21 | 4,12 | 25 |
| | 8 | ICR708SL | ICR708 | | | 8,4 | 24 | 42,5 | | 4,50 | 25 |
| | 10 | ICR7010SL | ICR7010 | | | 10,5 | 24 | 43,5 | | 4,78 | 25 |
| | 12 | ICR7012SL | ICR7012 | | | 13 | 24 | 45 | | 4,64 | 25 |
| | 14 | ICR7014SL | ICR7014 | | | 15 | 25 | 46 | | 4,95 | 25 |
| | 16 | ICR7016SL | ICR7016 | | | 17 | 28 | 48,5 | | 5,19 | 25 |
| | 20 | ICR7020SL | ICR7020 | | | 21 | 29 | 52 | | 5,18 | 25 |
| 95 | 6 | ICR956SL | ICR956 | 13,5 | 18 | 6,4 | 26 | 43 | 23 | 5,57 | 25 |
| | 8 | ICR958SL | ICR958 | | | 8,4 | 26 | 46 | | 5,50 | 25 |
| | 10 | ICR9510SL | ICR9510 | | | 10,5 | 26 | 47 | | 5,51 | 25 |
| | 12 | ICR9512SL | ICR9512 | | | 13 | 26 | 48 | | 5,54 | 25 |
| | 14 | ICR9514SL | ICR9514 | | | 15 | 26 | 51,5 | | 5,99 | 25 |
| | 16 | ICR9516SL | ICR9516 | | | 17 | 28 | 51 | | 5,97 | 25 |
| | 20 | ICR9520SL | ICR9520 | | | 21 | 30 | 55 | | 6,13 | 25 |

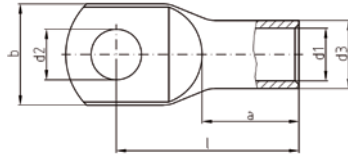
typically used tools: „GENERAL CATALOG TOOLS“



standard: R-series

page: 137-141 hydraulic tool selection: page: 144 crimping dies: page: 163-184

Cu - Intercable D standard „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

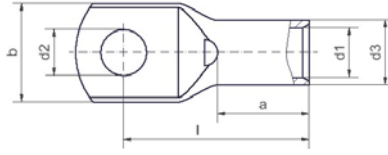
| mm ² | Ø mm | Art. N. (inspect. hole: yes) | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|---------------------------------|--------------------------------|------|------|------|----|------|----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 120 | 8 | ICR1208SL | ICR1208 | 15 | 20 | 8,4 | 29 | 49,5 | 26 | 6,88 | 25 |
| | 10 | ICR12010SL | ICR12010 | | | 10,5 | 29 | 52 | | 8,39 | 25 |
| | 12 | ICR12012SL | ICR12012 | | | 13 | 29 | 51,5 | | 7,85 | 25 |
| | 14 | ICR12014SL | ICR12014 | | | 15 | 30 | 53 | | 8,14 | 25 |
| | 16 | ICR12016SL | ICR12016 | | | 17 | 30 | 55 | | 8,50 | 25 |
| | 20 | ICR12020SL | ICR12020 | | | 21 | 35 | 60 | | 8,90 | 25 |
| 150 | 8 | ICR1508SL | ICR1508 | 16,8 | 21,3 | 8,4 | 31 | 55,5 | 29 | 8,34 | 10 |
| | 10 | ICR15010SL | ICR15010 | | | 10,5 | 31 | 56,5 | | 8,34 | 10 |
| | 12 | ICR15012SL | ICR15012 | | | 13 | 31 | 56 | | 8,14 | 10 |
| | 14 | ICR15014SL | ICR15014 | | | 15 | 31 | 57 | | 8,12 | 10 |
| | 16 | ICR15016SL | ICR15016 | | | 17 | 31 | 58 | | 8,50 | 10 |
| | 20 | ICR15020SL | ICR15020 | | | 21 | 35 | 63 | | 8,84 | 10 |
| 185 | 8 | ICR1858SL* | ICR1858* | 19 | 24 | 8,4 | 35 | 58 | 30 | 10,61 | 10 |
| | 10 | ICR18510SL | ICR18510 | | | 10,5 | 35 | 59 | | 10,93 | 10 |
| | 12 | ICR18512SL | ICR18512 | | | 13 | 35 | 58,5 | | 10,79 | 10 |
| | 14 | ICR18514SL | ICR18514 | | | 15 | 35 | 61 | | 10,72 | 10 |
| | 16 | ICR18516SL | ICR18516 | | | 17 | 35 | 63 | | 10,86 | 10 |
| | 20 | ICR18520SL | ICR18520 | | | 21 | 35 | 66 | | 11,33 | 10 |
| 240 | 8 | ICR2408SL* | ICR2408* | 21 | 26 | 8,4 | 38 | 67 | 35 | 12,40 | 10 |
| | 10 | ICR24010SL | ICR24010 | | | 10,5 | 38 | 67 | | 12,99 | 10 |
| | 12 | ICR24012SL | ICR24012 | | | 13 | 38 | 67 | | 13,02 | 10 |
| | 14 | ICR24014SL | ICR24014 | | | 15 | 38 | 69 | | 13,96 | 10 |
| | 16 | ICR24016SL | ICR24016 | | | 17 | 38 | 69,5 | | 13,88 | 10 |
| | 20 | ICR24020SL | ICR24020 | | | 21 | 38 | 71 | | 13,95 | 10 |
| 300 | 10 | ICR30010SL* | ICR30010* | 24 | 30 | 10,5 | 44 | 79,5 | 42 | 20,45 | 5 |
| | 12 | ICR30012SL | ICR30012 | | | 13 | 44 | 82 | | 21,72 | 5 |
| | 14 | ICR30014SL | ICR30014 | | | 15 | 44 | 84 | | 22,47 | 5 |
| | 16 | ICR30016SL | ICR30016 | | | 17 | 44 | 85 | | 21,94 | 5 |
| | 20 | ICR30020SL | ICR30020 | | | 21 | 44 | 85 | | 22,92 | 5 |
| 400 | 10 | ICR40010SL | ICR40010 | 27,5 | 33,5 | 10,5 | 49 | 92 | 47 | 27,90 | 5 |
| | 12 | ICR40012SL | ICR40012 | | | 13 | 49 | 92 | | 29,80 | 5 |
| | 16 | ICR40016SL | ICR40016 | | | 17 | 49 | 92 | | 27,90 | 5 |
| | 20 | ICR40020SL | ICR40020 | | | 21 | 49 | 92 | | 26,61 | 5 |

typically used tools: „GENERAL CATALOG TOOLS“



! standard: R-series

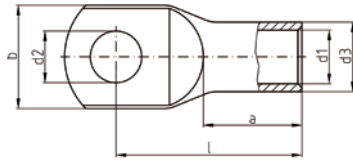
Cu - Intercable IT standard / for flexible cable class 5/6



Cu-HCP 99,9% / Copper tinned
 DIN EN 13600

| mm ² | Ø mm | Art. N. (inspect. hole: yes) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|---------------------------------|------|------|------|------|------|------|------|
| 35 | 5 | CI35-M5-SF | 9,3 | 11,7 | 5,3 | 16,5 | 32,5 | 16,0 | 25 |
| | 6 | CI35-M6-SF | | | 6,4 | 16,5 | 32,5 | | 25 |
| | 8 | CI35-M8-SF | | | 8,4 | 16,5 | 33,0 | | 25 |
| | 10 | CI35-M10-SF | | | 10,5 | 18,0 | 35,5 | | 25 |
| | 12 | CI35-M12-SF | | | 13,0 | 20,0 | 36,5 | | 25 |
| | 14 | CI35-M14-SF | | | 15,0 | 22,0 | 39,0 | | 25 |
| | 16 | CI35-M16-SF | | | 17,0 | 26,0 | 41,5 | | 25 |
| 50 | 6 | CI50-M6-SF | 11,0 | 13,6 | 6,4 | 19,0 | 36,0 | 18,0 | 25 |
| | 8 | CI50-M8-SF | | | 8,4 | 19,0 | 37,0 | | 25 |
| | 10 | CI50-M10-SF | | | 10,5 | 20,0 | 39,0 | | 25 |
| | 12 | CI50-M12-SF | | | 13,0 | 23,0 | 40,5 | | 25 |
| | 14 | CI50-M14-SF | | | 15,0 | 25,0 | 42,5 | | 25 |
| | 16 | CI50-M16-SF | | | 17,0 | 27,0 | 45,5 | | 25 |
| | 20 | CI50-M20-SF | | | 21,0 | 28,0 | 50,0 | | 25 |
| 70 | 6 | CI70-M6-SF | 13,0 | 16,0 | 6,4 | 22,5 | 41,0 | 21,0 | 25 |
| | 8 | CI70-M8-SF | | | 8,4 | 22,5 | 41,0 | | 25 |
| | 10 | CI70-M10-SF | | | 10,5 | 22,5 | 42,5 | | 25 |
| | 12 | CI70-M12-SF | | | 13,0 | 23,0 | 43,5 | | 25 |
| | 14 | CI70-M14-SF | | | 15,0 | 26,0 | 46,0 | | 25 |
| | 16 | CI70-M16-SF | | | 17,0 | 28,0 | 48,5 | | 25 |
| 95 | 6 | CI95-M6-SF | 15,0 | 18,8 | 6,4 | 25,0 | 46,0 | 23,0 | 25 |
| | 8 | CI95-M8-SF | | | 8,4 | 25,0 | 45,5 | | 25 |
| | 10 | CI95-M10-SF | | | 10,5 | 25,0 | 47,0 | | 25 |
| | 12 | CI95-M12-SF | | | 13,0 | 26,0 | 47,0 | | 25 |
| | 14 | CI95-M14-SF | | | 15,0 | 26,0 | 49,0 | | 25 |
| | 16 | CI95-M16-SF | | | 17,0 | 28,0 | 50,0 | | 25 |
| | 20 | CI95-M20-SF | | | 21,0 | 31,0 | 54,5 | | 25 |
| 120 | 8 | CI120-M8-SF | 16,8 | 21,3 | 8,4 | 31,0 | 55,5 | 29,0 | 25 |
| | 10 | CI120-M10-SF | | | 10,5 | 31,0 | 56,5 | | 25 |
| | 12 | CI120-M12-SF | | | 13,0 | 31,0 | 56,0 | | 25 |
| | 14 | CI120-M14-SF | | | 15,0 | 31,0 | 57,0 | | 25 |
| | 16 | CI120-M16-SF | | | 17,0 | 31,0 | 58,0 | | 25 |
| | 20 | CI120-M20-SF | | | 21,0 | 35,0 | 63,0 | | 25 |
| 150 | 8 | CI150-M8-SF | 19,0 | 24,0 | 8,4 | 35,0 | 58,0 | 30,0 | 25 |
| | 10 | CI150-M10-SF | | | 10,5 | 35,0 | 59,0 | | 25 |
| | 12 | CI150-M12-SF | | | 13,0 | 35,0 | 58,5 | | 25 |
| | 14 | CI150-M14-SF | | | 15,0 | 35,0 | 61,0 | | 25 |
| | 16 | CI150-M16-SF | | | 17,0 | 35,0 | 63,0 | | 25 |
| | 20 | CI150-M20-SF | | | 21,0 | 35,0 | 66,0 | | 25 |
| 185 | 8 | CI185-M8-SF | 21,1 | 27,3 | 8,4 | 39,0 | 69,0 | 35,0 | 25 |
| | 10 | CI185-M10-SF | | | 10,5 | 39,0 | 69,0 | | 25 |
| | 12 | CI185-M12-SF | | | 13,0 | 39,0 | 69,0 | | 25 |
| | 14 | CI185-M14-SF | | | 15,0 | 39,0 | 71,0 | | 25 |
| | 16 | CI185-M16-SF | | | 17,0 | 39,0 | 71,5 | | 25 |
| | 20 | CI185-M20-SF | | | 21,0 | 39,0 | 73,0 | | 25 |

Cu - Intercable D standard / for flexible cable class 5/6 „F-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | cable min. Ø mm | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|-----------------|------|--------------------------------|------|------|------|----|------|----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 10 | 4,0 | 5 | ICF105 | 5 | 8 | 5,3 | 12 | 23 | 12 | 0,70 | 50 |
| | | 6 | ICF106 | | | 6,4 | 12 | 25 | | 0,76 | 50 |
| | | 8 | ICF108 | | | 8,4 | 15 | 28 | | 0,91 | 50 |
| | | 10 | ICF1010 | | | 10,5 | 18 | 31 | | 0,98 | 50 |
| | | 12 | ICF1012 | | | 13 | 20 | 32 | | 1,00 | 50 |
| 16 | 5,0 | 5 | ICF165 | 6 | 9 | 5,3 | 14 | 25,5 | 13 | 0,94 | 50 |
| | | 6 | ICF166 | | | 6,4 | 14 | 27 | | 1,01 | 50 |
| | | 8 | ICF168 | | | 8,4 | 15 | 29,5 | | 1,13 | 50 |
| | | 10 | ICF1610 | | | 10,5 | 18 | 32 | | 1,14 | 50 |
| | | 12 | ICF1612 | | | 13 | 20 | 33 | | 1,19 | 50 |
| 25 | 6,5 | 6 | ICF256 | 7,7 | 10,7 | 6,4 | 16 | 32 | 16 | 1,51 | 50 |
| | | 8 | ICF258 | | | 8,4 | 16 | 34 | | 1,50 | 50 |
| | | 10 | ICF2510 | | | 10,5 | 18 | 35 | | 1,56 | 50 |
| | | 12 | ICF2512 | | | 13 | 20 | 36 | | 1,65 | 50 |
| 35 | 7,8 | 6 | ICF356 | 9,2 | 12,4 | 6,4 | 18 | 36 | 18 | 2,10 | 25 |
| | | 8 | ICF358 | | | 8,4 | 18 | 36 | | 2,13 | 25 |
| | | 10 | ICF3510 | | | 10,5 | 18 | 38 | | 2,14 | 25 |
| | | 12 | ICF3512 | | | 13 | 23 | 40 | | 2,22 | 25 |
| | | 16 | ICF3516 | | | 17 | 26 | 45 | | 2,21 | 25 |
| 50 | 9,0 | 6 | ICF506 | 11,2 | 14,8 | 6,4 | 22 | 42 | 21 | 3,20 | 25 |
| | | 8 | ICF508 | | | 8,4 | 22 | 42 | | 3,22 | 25 |
| | | 10 | ICF5010 | | | 10,5 | 22 | 43 | | 3,36 | 25 |
| | | 12 | ICF5012 | | | 13 | 23 | 44 | | 3,38 | 25 |
| | | 16 | ICF5016 | | | 17 | 28 | 48,5 | | 3,69 | 25 |
| 70 | 11,0 | 6 | ICF706 | 13,5 | 17,5 | 6,4 | 25 | 46 | 23 | 4,43 | 25 |
| | | 8 | ICF708 | | | 8,4 | 25 | 45,5 | | 4,85 | 25 |
| | | 10 | ICF7010 | | | 10,5 | 25 | 47 | | 5,00 | 25 |
| | | 12 | ICF7012 | | | 13 | 26 | 47 | | 4,91 | 25 |
| | | 16 | ICF7016 | | | 17 | 28 | 50 | | 5,15 | 25 |
| | | 20 | ICF7020 | | | 21 | 31 | 54,5 | | 5,52 | 25 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141

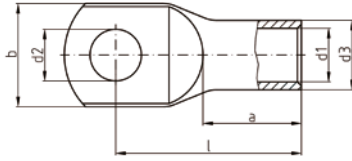
hydraulic tool selection: page: 144



! standard: I-series flexible

crimping dies: page: 163-184

Cu - Intercable D standard / for flexible cable class 5/6 „F-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | cable min. Ø mm | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|-----------------|------|--------------------------------|------|------|------|----|------|----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 95 | 13,0 | 6 | ICF956 | 15,5 | 20 | 6,4 | 29 | 50,5 | 26 | 6,50 | 25 |
| | | 8 | ICF958 | | | 8,4 | 29 | 50,5 | | 6,93 | 25 |
| | | 10 | ICF9510 | | | 10,5 | 29 | 53 | | 7,50 | 25 |
| | | 12 | ICF9512 | | | 13 | 29 | 52,5 | | 7,08 | 25 |
| | | 16 | ICF9516 | | | 17 | 29 | 55 | | 7,29 | 25 |
| | | 20 | ICF9520 | | | 21 | 35 | 60 | | 7,61 | 25 |
| 120 | 15,0 | 10 | ICF12010 | 16,8 | 21,3 | 10,5 | 31 | 56,5 | 29 | 8,19 | 25 |
| | | 12 | ICF12012 | | | 13 | 31 | 56 | | 8,07 | 25 |
| | | 16 | ICF12016 | | | 17 | 31 | 58 | | 8,36 | 25 |
| | | 20 | ICF12020 | | | 21 | 35 | 63 | | 8,75 | 25 |
| 150 | 16,3 | 10 | ICF15010 | 19 | 24 | 10,5 | 35 | 59 | 30 | 10,40 | 10 |
| | | 12 | ICF15012 | | | 13 | 35 | 58,5 | | 10,70 | 10 |
| | | 16 | ICF15016 | | | 17 | 35 | 63 | | 11,11 | 10 |
| | | 20 | ICF15020 | | | 21 | 35 | 66 | | 11,96 | 10 |
| 185 | 18,5 | 10 | ICF18510 | 21 | 26 | 10,5 | 38 | 67 | 35 | 13,59 | 10 |
| | | 12 | ICF18512 | | | 13 | 38 | 67 | | 12,48 | 10 |
| | | 16 | ICF18516 | | | 17 | 38 | 69,5 | | 12,88 | 10 |
| | | 20 | ICF18520 | | | 21 | 38 | 71 | | 13,95 | 10 |
| 240 | 20,5 | 12 | ICF24012 | 24 | 30 | 13 | 44 | 82 | 42 | 21,72 | 10 |
| | | 16 | ICF24016 | | | 17 | 44 | 85 | | 21,94 | 10 |
| | | 20 | ICF24020 | | | 21 | 44 | 85 | | 22,92 | 10 |
| 300 | 23,5 | 12 | ICF30012 | 27,5 | 33,5 | 13 | 49 | 92 | 47 | 29,80 | 5 |
| | | 16 | ICF30016 | | | 17 | 49 | 92 | | 27,50 | 5 |
| | | 20 | ICF30020 | | | 21 | 49 | 92 | | 26,61 | 5 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



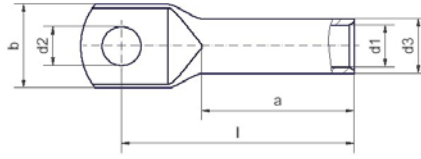
hydraulic tool selection: page: 144



! standard: F-series

crimping dies: page: 163-184

Cu - Intercable IT standard / LONG



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

| mm ² | Ø mm | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|--------------------------------|------|------|------|------|-------|------|------|
| 16 | 8 | CI16-M8-CL | 5,4 | 7,8 | 8,4 | 15,0 | 37,5 | 22,0 | 50 |
| 25 | 8 | CI25-M8-CL | 6,9 | 9,4 | 8,4 | 15,0 | 43,0 | 27,0 | 50 |
| | 10 | CI25-M10-CL | | | 10,5 | 18,0 | 45,5 | | 50 |
| 35 | 8 | CI35-M8-CL | 8,3 | 11,3 | 8,4 | 16,5 | 45,0 | 28,0 | 50 |
| | 10 | CI35-M10-CL | | | 10,5 | 18,0 | 47,5 | | 25 |
| 50 | 8 | CI50-M8-CL | 9,6 | 13,1 | 8,4 | 19,0 | 54,0 | 35,0 | 25 |
| | 10 | CI50-M10-CL | | | 10,5 | 20,0 | 56,0 | | 25 |
| | 12 | CI50-M12-CL | | | 13,0 | 23,0 | 57,5 | | 25 |
| 70 | 10 | CI70-M10-CL | 11,3 | 14,7 | 10,5 | 22,5 | 62,5 | 41,0 | 25 |
| | 12 | CI70-M12-CL | | | 13,0 | 23,0 | 63,5 | | 25 |
| | 14 | CI70-M14-CL | | | 15,0 | 26,0 | 66,0 | | 25 |
| | 16 | CI70-M16-CL | | | 17,0 | 28,0 | 68,5 | | 25 |
| 95 | 10 | CI95-M10-CL | 13,5 | 17,5 | 10,5 | 25,0 | 68,0 | 44,0 | 25 |
| | 12 | CI95-M12-CL | | | 13,0 | 26,0 | 68,0 | | 25 |
| | 14 | CI95-M14-CL | | | 15,0 | 26,0 | 70,0 | | 25 |
| | 16 | CI95-M16-CL | | | 17,0 | 28,0 | 71,0 | | 25 |
| 120 | 10 | CI120-M10-CL | 15,5 | 20,0 | 10,5 | 29,0 | 77,0 | 50,0 | 25 |
| | 12 | CI120-M12-CL | | | 13,0 | 29,0 | 76,5 | | 25 |
| | 14 | CI120-M14-CL | | | 15,0 | 29,0 | 77,5 | | 25 |
| | 16 | CI120-M16-CL | | | 17,0 | 29,0 | 79,0 | | 25 |
| 150 | 12 | CI150-M12-CL | 16,8 | 21,3 | 13,0 | 31,0 | 78,0 | 51,0 | 10 |
| | 14 | CI150-M14-CL | | | 15,0 | 31,0 | 79,0 | | 10 |
| | 16 | CI150-M16-CL | | | 17,0 | 31,0 | 80,0 | | 10 |
| | 20 | CI150-M20-CL | | | 21,0 | 35,0 | 85,0 | | 10 |
| 185 | 14 | CI185-M14-CL | 19,0 | 24,0 | 15,0 | 35,0 | 86,0 | 55,0 | 10 |
| | 16 | CI185-M16-CL | | | 17,0 | 35,0 | 88,0 | | 10 |
| | 20 | CI185-M20-CL | | | 21,0 | 35,0 | 91,0 | | 10 |
| 240 | 14 | CI240-M14-CL | 21,1 | 27,3 | 15,0 | 39,0 | 94,0 | 58,0 | 10 |
| | 16 | CI240-M16-CL | | | 17,0 | 39,0 | 94,5 | | 10 |
| | 20 | CI240-M20-CL | | | 21,0 | 39,0 | 96,0 | | 10 |
| 300 | 16 | CI300-M16-CL | 24,0 | 30,0 | 17,0 | 44,0 | 103,0 | 60,0 | 5 |
| 400 | 16 | CI400-M16-CL | 27,0 | 35,0 | 17,0 | 51,0 | 114,0 | 62,0 | 5 |

typically used tools: „GENERAL CATALOG TOOLS”



page: 137-141



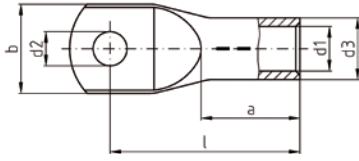
hydraulic tool selection: page: 144



! standard: I-series

crimping dies: page: 163-184

Cu - DIN 46235 standard



Cu-HCP 99,9% / Copper tinned
DIN EN 13600
option: blank (no tin): ICDxyBK

DIN 46235
(exc.: * only pipe acc. DIN, no DIN description)

| mm ² | Ø mm | Art. N. (inspect. hole: no) | Reference | mm | | | | | | kg (/100) | Pack | Art. N. (blank) |
|-----------------|------|--------------------------------|-----------|-----|------|------|------|------|-------------------|-----------|------|--------------------|
| | | | | d1 | d3 | d2 | b | l | a | | | |
| 6 | 5 | ICD65 | 5 | 3,7 | 5,5 | 5,3 | 8,5 | 24 | 10 | 0,31 | 50 | ICD65BK |
| | 6 | ICD66 | | | | 6,4 | 9 | 24 | ICD66BK | | | |
| | 8 | ICD68* | | | | 8,4 | 13 | 26 | ICD68BK* | | | |
| 10 | 5 | ICD105 | 6 | 4,4 | 6 | 5,3 | 10 | 27 | 10 | 0,35 | 50 | ICD105BK |
| | 6 | ICD106 | | | | 6,4 | 10 | 27 | ICD106BK | | | |
| | 8 | ICD108* | | | | 8,4 | 13 | 28 | ICD108BK* | | | |
| | 10 | ICD1010* | | | | 10,5 | 15 | 29 | ICD1010BK* | | | |
| 16 | 5 | ICD165* | 8 | 5,5 | 8,5 | 5,3 | 13 | 36 | 20 | 1,22 | 50 | ICD165BK* |
| | 6 | ICD166 | | | | 6,4 | 13 | 36 | ICD166BK | | | |
| | 8 | ICD168 | | | | 8,4 | 13 | 37 | ICD168BK | | | |
| | 10 | ICD1610 | | | | 10,5 | 16,5 | 38 | ICD1610BK | | | |
| | 12 | ICD1612* | | | | 13 | 19 | 40 | ICD1612BK* | | | |
| 25 | 6 | ICD256 | 10 | 7 | 10 | 6,4 | 14 | 39 | 20 | 1,62 | 50 | ICD256BK |
| | 8 | ICD258 | | | | 8,4 | 17 | 39 | ICD258BK | | | |
| | 10 | ICD2510 | | | | 10,5 | 17 | 40,5 | ICD2510BK | | | |
| | 12 | ICD2512 | | | | 13 | 18 | 40,5 | ICD2512BK | | | |
| | 16 | ICD2516* | | | | 17 | 22 | 45 | ICD2516BK* | | | |
| 35 | 6 | ICD356* | 12 | 8,2 | 12,5 | 6,4 | 17,5 | 42,5 | 20 | 3,12 | 25 | ICD356BK* |
| | 8 | ICD358 | | | | 8,4 | 18 | 42 | ICD358BK | | | |
| | 10 | ICD3510 | | | | 10,5 | 20 | 42,5 | ICD3510BK | | | |
| | 12 | ICD3512 | | | | 13 | 21 | 44 | ICD3512BK | | | |
| | 16 | ICD3516* | | | | 17 | 28 | 47 | ICD3516BK* | | | |
| 50 | 6 | ICD506* | 14 | 9,8 | 14,5 | 6,4 | 20 | 52 | 28 | 4,60 | 25 | ICD506BK* |
| | 8 | ICD508 | | | | 8,4 | 20 | 52 | ICD508BK | | | |
| | 10 | ICD5010 | | | | 10,5 | 22 | 52 | ICD5010BK | | | |
| | 12 | ICD5012 | | | | 13 | 24 | 52 | ICD5012BK | | | |
| | 14 | ICD5014* | | | | 15 | 26 | 53,5 | ICD5014BK* | | | |
| | 16 | ICD5016 | | | | 17 | 28 | 55,5 | | 5,00 | 25 | ICD5016BK |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



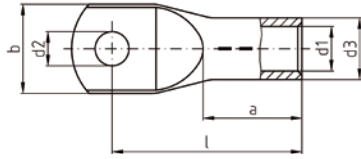
hydraulic tool selection: page: 144



! standard: DIN 46235

crimping dies: page: 163-184

Cu - DIN 46235 standard



Cu-HCP 99,9% / Copper tinned
DIN EN 13600
option: blank (no tin): ICDxyBK

DIN 46235
(exc.: * only pipe acc. DIN, no DIN description)

| mm ² | Ø mm | Art. N. (inspect. hole: no) | Reference | mm | | | | | | kg (/100) | Pack | Art. N. (blank) |
|-----------------|------|--------------------------------|-----------|------|------|------|------|------|----|-----------|------|--------------------|
| | | | | d1 | d3 | d2 | b | l | a | | | |
| 70 | 8 | ICD708 | 16 | 11,3 | 16,5 | 8,4 | 24 | 56 | 28 | 6,54 | 25 | ICD708BK |
| | 10 | ICD7010 | | | | 10,5 | 24 | 56 | | 6,54 | 25 | ICD7010BK |
| | 12 | ICD7012 | | | | 13 | 24 | 56,5 | | 6,49 | 25 | ICD7012BK |
| | 14 | ICD7014* | | | | 15 | 24 | 55,5 | | 6,41 | 25 | ICD7014BK* |
| | 16 | ICD7016 | | | | 17 | 29 | 57 | | 6,41 | 25 | ICD7016BK |
| | 20 | ICD7020* | | | | 21 | 31 | 61 | | 6,40 | 25 | ICD7020BK* |
| 95 | 8 | ICD958* | 18 | 13,5 | 19 | 8,4 | 28 | 65 | 35 | 9,36 | 25 | ICD958BK* |
| | 10 | ICD9510 | | | | 10,5 | 28 | 65,5 | | 9,55 | 25 | ICD9510BK |
| | 12 | ICD9512 | | | | 13 | 28 | 65,5 | | 9,45 | 25 | ICD9512BK |
| | 14 | ICD9514* | | | | 15 | 28 | 65,5 | | 9,20 | 25 | ICD9514BK* |
| | 16 | ICD9516 | | | | 17 | 30 | 65,5 | | 9,44 | 25 | ICD9516BK |
| | 20 | ICD9520* | | | | 21 | 33 | 71 | | 9,86 | 25 | ICD9520BK* |
| 120 | 8 | ICD1208* | 20 | 15,5 | 21 | 8,4 | 31 | 70 | 35 | 11,35 | 25 | ICD1208BK* |
| | 10 | ICD12010 | | | | 10,5 | 31 | 70 | | 11,40 | 25 | ICD12010BK |
| | 12 | ICD12012 | | | | 13 | 31 | 70,5 | | 11,44 | 25 | ICD12012BK |
| | 14 | ICD12014* | | | | 15 | 31 | 70 | | 11,47 | 25 | ICD12014BK* |
| | 16 | ICD12016 | | | | 17 | 31,5 | 70 | | 11,15 | 25 | ICD12016BK |
| | 20 | ICD12020 | | | | 21 | 36 | 72 | | 11,51 | 25 | ICD12020BK |
| 150 | 8 | ICD1508* | 22 | 17 | 23,5 | 8,4 | 34 | 79 | 35 | 16,60 | 10 | ICD1508BK* |
| | 10 | ICD15010 | | | | 10,5 | 34 | 79 | | 16,41 | 10 | ICD15010BK |
| | 12 | ICD15012 | | | | 13 | 34 | 78,5 | | 16,97 | 10 | ICD15012BK |
| | 14 | ICD15014* | | | | 15 | 34 | 78 | | 15,66 | 10 | ICD15014BK* |
| | 16 | ICD15016 | | | | 17 | 34 | 78 | | 16,35 | 10 | ICD15016BK |
| | 20 | ICD15020 | | | | 21 | 38 | 78 | | 15,98 | 10 | ICD15020BK |
| 185 | 10 | ICD18510 | 25 | 19 | 25,5 | 10,5 | 37 | 83 | 40 | 18,50 | 10 | ICD18510BK |
| | 12 | ICD18512 | | | | 13 | 37 | 82,5 | | 18,95 | 10 | ICD18512BK |
| | 14 | ICD18514* | | | | 15 | 37 | 82 | | 18,96 | 10 | ICD18514BK* |
| | 16 | ICD18516 | | | | 17 | 37 | 82 | | 18,78 | 10 | ICD18516BK |
| | 20 | ICD18520 | | | | 21 | 40 | 83 | | 18,90 | 10 | ICD18520BK |

typically used tools: „GENERAL CATALOG TOOLS“



page: 138-141



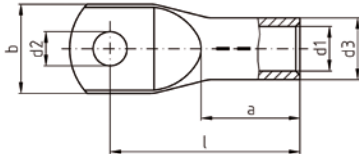
hydraulic tool selection: page: 144



! standard: DIN 46235

crimping dies: page: 163-184

Cu - DIN 46235 standard



Cu-HCP 99,9% / Copper tinned
DIN EN 13600
option: blank (no tin): ICDxyBK

DIN 46235
(exc.: * only pipe acc. DIN, no DIN description)

| mm ² | Ø mm | Art. N. (inspect. hole: no) | Reference | mm | | | | | | kg (/100) | Pack | Art. N. (blank) |
|-----------------|------|--------------------------------|-----------|------|------|------|------|-----|-----|-----------|------|--------------------|
| | | | | d1 | d3 | d2 | b | l | a | | | |
| 240 | 10 | ICD24010* | 28 | 21,5 | 29 | 10,5 | 42 | 92 | 40 | 27,48 | 10 | ICD24010BK* |
| | 12 | ICD24012 | | | | 13 | 42,5 | 92 | | 27,08 | 10 | ICD24012BK |
| | 14 | ICD24014* | | | | 15 | 42,5 | 92 | | 26,40 | 10 | ICD24014BK* |
| | 16 | ICD24016 | | | | 17 | 42,5 | 92 | | 27,63 | 10 | ICD24016BK |
| | 20 | ICD24020 | | | | 21 | 45 | 92 | | 27,06 | 10 | ICD24020BK |
| 300 | 10 | ICD30010* | 32 | 24,5 | 32 | 10,5 | 48,5 | 104 | 50 | 34,80 | 5 | ICD30010BK* |
| | 12 | ICD30012* | | | | 13 | 48,5 | 104 | | 33,65 | 5 | ICD30012BK* |
| | 14 | ICD30014* | | | | 15 | 48,5 | 104 | | 34,60 | 5 | ICD30014BK* |
| | 16 | ICD30016 | | | | 17 | 48,5 | 100 | | 33,72 | 5 | ICD30016BK |
| | 20 | ICD30020 | | | | 21 | 48,5 | 100 | | 34,46 | 5 | ICD30020BK |
| 400 | 10 | ICD40010* | 38 | 27,5 | 38,5 | 10,5 | 55 | 117 | 70 | 71,55 | 5 | ICD40010BK* |
| | 12 | ICD40012* | | | | 13 | 55 | 117 | | 71,70 | 5 | ICD40012BK* |
| | 14 | ICD40014* | | | | 15 | 55 | 117 | | 71,98 | 5 | ICD40014BK* |
| | 16 | ICD40016 | | | | 17 | 55 | 117 | | 70,28 | 5 | ICD40016BK |
| | 20 | ICD40020 | | | | 21 | 55 | 117 | | 70,60 | 5 | ICD40020BK |
| 500 | 12 | ICD50012* | 42 | 31 | 42 | 13 | 60 | 130 | 70 | 86,92 | 1 | ICD50012BK* |
| | 14 | ICD50014* | | | | 15 | 60 | 130 | | 89,50 | 1 | ICD50014BK* |
| | 16 | ICD50016* | | | | 17 | 60 | 130 | | 89,27 | 1 | ICD50016BK* |
| | 20 | ICD50020 | | | | 21 | 60 | 130 | | 88,14 | 1 | ICD50020BK |
| 625 | 16 | ICD62516 | 44 | 34,5 | 44 | 17 | 63 | 135 | 80 | 83,35 | 1 | ICD62516BK |
| | 20 | ICD62520 | | | | 21 | 63 | 135 | | 82,05 | 1 | ICD62520BK |
| 800 | 16 | ICD80016* | 52 | 40 | 52 | 17 | 75 | 165 | 100 | 143,00 | 1 | ICD80016BK* |
| | 20 | ICD80020 | | | | 21 | 75 | 165 | | 145,55 | 1 | ICD80020BK |
| 1000 | 20 | ICD100020 | 58 | 44 | 58 | 21 | 83 | 167 | 100 | 189,00 | 1 | ICD100020BK |

typically used tools: „GENERAL CATALOG TOOLS“



page: 139-141



hydraulic tool selection: page: 144

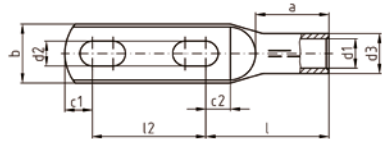


! standard: DIN 46235

crimping dies: page: 163-184



Cu - 1 cable 2 screws



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

DIN 46235
(only pipe acc. DIN, no DIN description)

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | | | | kg (/100) | Pack |
|-----------------|--------|--------------------------------|------|------|----|----|------|-------|----|------|------|-----------|------|
| | | | d1 | d3 | d2 | b | l | l2 | a | c1 | c2 | | |
| 70 | 2 x 12 | ICD7012DL | 11,3 | 16,5 | 13 | 24 | 61,5 | 38-60 | 28 | 14,5 | 14,5 | 10,88 | 5 |
| 95 | 2 x 12 | ICD9512DL | 13,5 | 19 | 13 | 28 | 63 | 38-60 | 35 | 14,5 | 15 | 14,30 | 5 |
| 120 | 2 x 12 | ICD12012DL | 15,5 | 21 | 13 | 31 | 65 | 38-60 | 35 | 14,5 | 13 | 16,76 | 5 |

typically used tools: „GENERAL CATALOG TOOLS”



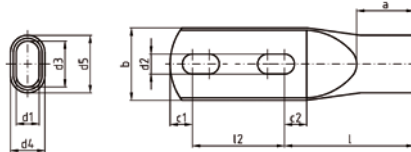
! standard: DIN

page: 138-141

hydraulic tool selection: page: 144

crimping dies: page: 163-184

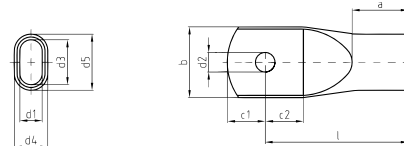
Cu - 2 cables 2 screws



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | | | | | | kg (/100) | Pack |
|-----------------|--------|--------------------------------|------|------|------|------|----|----|------|-------|----|------|------|-----------|------|
| | | | d1 | d3 | d4 | d5 | d2 | b | l | l2 | a | c1 | c2 | | |
| 2 x 70 | 2 x 12 | ICD7012DDL | 11,5 | 23,3 | 18 | 29,8 | 13 | 37 | 71,5 | 38-60 | 28 | 14,5 | 14,5 | 26,00 | 5 |
| 2 x 95 | 2 x 12 | ICD9512DDL | 14 | 26,1 | 22 | 33,6 | 13 | 42 | 81,5 | 38-60 | 35 | 14,5 | 14,5 | 41,00 | 5 |
| 2 x 120 | 2 x 12 | ICD12012DDL | 14,9 | 29,8 | 22,4 | 37,3 | 13 | 47 | 84,5 | 38-60 | 35 | 14,5 | 14,5 | 47,00 | 5 |

Cu - 2 cables 1 screw



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | | | | | | kg (/100) | Pack |
|-----------------|--------|--------------------------------|------|------|------|------|----|----|------|----|------|------|-------|-----------|------|
| | | | d1 | d3 | d4 | d5 | d2 | b | l | a | c1 | c2 | | | |
| 2 x 70 | 1 x 12 | ICD7012D | 11,5 | 23,3 | 18 | 29,8 | 13 | 37 | 71,5 | 28 | 14,5 | 14,5 | 17,75 | 5 | |
| 2 x 95 | 1 x 12 | ICD9512D | 14 | 26,1 | 22 | 33,6 | 13 | 42 | 81,5 | 35 | 14,5 | 14,5 | 26,30 | 5 | |
| 2 x 120 | 1 x 12 | ICD12012D | 14,9 | 29,8 | 22,4 | 37,3 | 13 | 47 | 84,5 | 35 | 14,5 | 14,5 | 30,30 | 5 | |

typically used tools: „GENERAL CATALOG TOOLS”



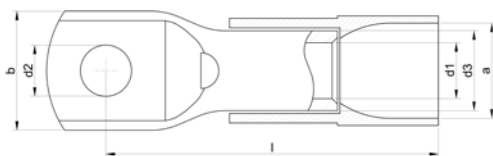
! type: TWIN

series 60-2, 130, 230: page: 144

crimping dies: page: 174, 178, 182



Cu - Intercable IT standard / insulated

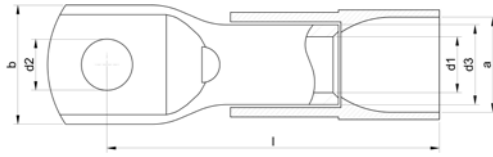


Cu-HCP 99,9% / Copper tinned
DIN EN 13600

PA 6.6 / Poliamide insulation
Black

| mm ² | Ø mm | Art. N. (inspect. hole: yes) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|---------------------------------|------|------|------|------|------|------|------|
| 10 | 4 | CIP10-M4 | 4,3 | 6,7 | 4,3 | 10,0 | 32,5 | 10,0 | 50 |
| | 5 | CIP10-M5 | | | 5,3 | 10,0 | 33,5 | | 50 |
| | 6 | CIP10-M6 | | | 6,4 | 11,0 | 35,5 | | 50 |
| | 8 | CIP10-M8 | | | 8,4 | 15,0 | 38,0 | | 50 |
| | 10 | CIP10-M10 | | | 10,5 | 18,0 | 40,5 | | 50 |
| | 12 | CIP10-M12 | | | 13,0 | 19,0 | 41,5 | | 50 |
| 16 | 5 | CIP16-M5 | 5,4 | 7,8 | 5,3 | 12,0 | 36,5 | 11,0 | 50 |
| | 6 | CIP16-M6 | | | 6,4 | 12,0 | 38,5 | | 50 |
| | 8 | CIP16-M8 | | | 8,4 | 15,0 | 40,5 | | 50 |
| | 10 | CIP16-M10 | | | 10,5 | 18,0 | 43,0 | | 50 |
| | 12 | CIP16-M12 | | | 13,0 | 20,0 | 44,0 | | 50 |
| 25 | 5 | CIP25-M5 | 6,9 | 9,4 | 5,3 | 14,0 | 39,5 | 13,0 | 50 |
| | 6 | CIP25-M6 | | | 6,4 | 14,0 | 41,5 | | 50 |
| | 8 | CIP25-M8 | | | 8,4 | 15,0 | 43,5 | | 50 |
| | 10 | CIP25-M10 | | | 10,5 | 18,0 | 46,0 | | 50 |
| | 12 | CIP25-M12 | | | 13,0 | 20,0 | 47,0 | | 50 |
| | 14 | CIP25-M14 | | | 15,0 | 22,0 | 49,0 | | 50 |
| 35 | 5 | CIP35-M5 | 8,3 | 11,3 | 5,3 | 16,5 | 49,5 | 16,0 | 25 |
| | 6 | CIP35-M6 | | | 6,4 | 16,5 | 49,5 | | 25 |
| | 8 | CIP35-M8 | | | 8,4 | 16,5 | 50,0 | | 25 |
| | 10 | CIP35-M10 | | | 10,5 | 18,0 | 52,5 | | 25 |
| | 12 | CIP35-M12 | | | 13,0 | 20,0 | 53,5 | | 25 |
| | 14 | CIP35-M14 | | | 15,0 | 22,0 | 56,0 | | 25 |
| 50 | 16 | CIP35-M16 | | | 17,0 | 26,0 | 58,5 | | 25 |
| | 6 | CIP50-M6 | 9,6 | 13,1 | 6,4 | 19,0 | 53,0 | 18,0 | 25 |
| | 8 | CIP50-M8 | | | 8,4 | 19,0 | 54,0 | | 25 |
| | 10 | CIP50-M10 | | | 10,5 | 20,0 | 56,0 | | 25 |
| | 12 | CIP50-M12 | | | 13,0 | 23,0 | 57,5 | | 25 |
| | 14 | CIP50-M14 | | | 15,0 | 25,0 | 59,5 | | 25 |
| 70 | 16 | CIP50-M16 | | | 17,0 | 27,0 | 62,5 | | 25 |
| | 20 | CIP50-M20 | | | 21,0 | 28,0 | 67,0 | | 25 |
| | 6 | CIP70-M6 | 11,3 | 14,7 | 6,4 | 22,5 | 63,0 | 21,0 | 25 |
| | 8 | CIP70-M8 | | | 8,4 | 22,5 | 63,0 | | 25 |
| | 10 | CIP70-M10 | | | 10,5 | 22,5 | 64,5 | | 25 |
| | 12 | CIP70-M12 | | | 13,0 | 23,0 | 65,5 | | 25 |
| 70 | 14 | CIP70-M14 | | | 15,0 | 26,0 | 68,0 | | 25 |
| | 16 | CIP70-M16 | | | 17,0 | 28,0 | 70,5 | | 25 |

Cu - Intercable IT standard / insulated



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

PA 6.6 / Poliamide insulation
Black

| mm ² | Ø mm | Art. N. (inspect. hole: yes) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|---------------------------------|------|------|------|------|------|------|------|
| 95 | 6 | CIP95-M6 | 13,5 | 17,5 | 6,4 | 25,0 | 69,0 | 23,0 | 25 |
| | 8 | CIP95-M8 | | | 8,4 | | | | |
| | 10 | CIP95-M10 | | | 10,5 | | | | |
| | 12 | CIP95-M12 | | | 13,0 | | | | |
| | 14 | CIP95-M14 | | | 15,0 | | | | |
| | 16 | CIP95-M16 | | | 17,0 | | | | |
| 120 | 20 | CIP95-M20 | 15,5 | 20,0 | 21,0 | 29,0 | 72,5 | 26,0 | 25 |
| | 8 | CIP120-M8 | | | 8,4 | | | | |
| | 10 | CIP120-M10 | | | 10,5 | | | | |
| | 12 | CIP120-M12 | | | 13,0 | | | | |
| | 14 | CIP120-M14 | | | 15,0 | | | | |
| | 16 | CIP120-M16 | | | 17,0 | | | | |
| 150 | 20 | CIP120-M20 | 16,8 | 21,3 | 21,0 | 31,0 | 80,5 | 29,0 | 10 |
| | 8 | CIP150-M8 | | | 8,4 | | | | |
| | 10 | CIP150-M10 | | | 10,5 | | | | |
| | 12 | CIP150-M12 | | | 13,0 | | | | |
| | 14 | CIP150-M14 | | | 15,0 | | | | |
| | 16 | CIP150-M16 | | | 17,0 | | | | |
| | 20 | CIP150-M20 | | | 21,0 | 35,0 | 88,0 | | 10 |

typically used tools: „GENERAL CATALOG TOOLS”



page: 138-141



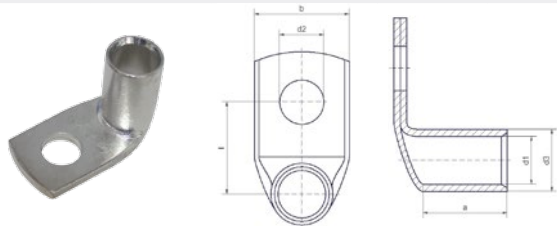
hydraulic tool selection: page: 144



for INSULATED

crimping dies: page: 163-184

Cu - Intercable IT standard / 90°



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



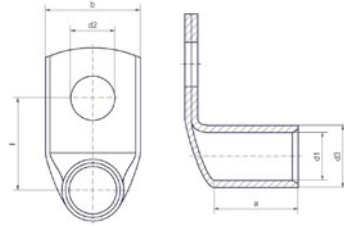
| mm ² | Ø mm | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|--------------------------------|-----|------|------|------|------|------|------|
| 0,5 - 0,75 | 3 | ICS075390 | 1,4 | 3,0 | 3,2 | 6,5 | 7,5 | 5,0 | 100 |
| | 4 | ICS075490 | | | 4,3 | 8,5 | 8,5 | | 100 |
| | 5 | ICS075590 | | | 5,3 | 10,0 | 9,5 | | 100 |
| 1,0 - 1,5 | 3 | ICS1390 | 1,9 | 3,9 | 3,2 | 6,5 | 8,0 | 5,0 | 100 |
| | 4 | ICS1490 | | | 4,3 | 8,5 | 9,0 | | 100 |
| | 5 | ICS1590 | | | 5,3 | 10,0 | 10,0 | | 100 |
| | 6 | ICS1690 | | | 6,4 | 11,0 | 12,0 | | 100 |
| 2,5 | 4 | ICS2490 | 2,4 | 4,4 | 4,3 | 8,5 | 9,2 | 5,5 | 100 |
| | 5 | ICS2590 | | | 5,3 | 10,0 | 10,2 | | 100 |
| | 6 | ICS2690 | | | 6,4 | 11,0 | 12,2 | | 100 |
| | 8 | ICS2890 | | | 8,4 | 14,0 | 14,2 | | 100 |
| 4 | 4 | ICS4490 | 3,0 | 5,0 | 4,3 | 8,5 | 9,5 | 7,0 | 100 |
| | 5 | ICS4590 | | | 5,3 | 10,0 | 10,5 | | 100 |
| | 6 | ICS4690 | | | 6,4 | 11,0 | 12,5 | | 100 |
| | 8 | ICS4890 | | | 8,4 | 14,0 | 14,5 | | 100 |
| 6 | 4 | ICS6490 | 3,7 | 5,5 | 4,3 | 8,5 | 9,8 | 7,0 | 100 |
| | 5 | ICS6590 | | | 5,3 | 10,0 | 10,8 | | 100 |
| | 6 | ICS6690 | | | 6,4 | 11,0 | 12,8 | | 100 |
| | 8 | ICS6890 | | | 8,4 | 14,0 | 14,8 | | 100 |
| 10 | 5 | CI10-M5-90 | 4,3 | 6,7 | 5,3 | 10,0 | 11,5 | 9,0 | 25 |
| | 6 | CI10-M6-90 | | | 6,4 | 11,0 | 13,5 | | 25 |
| | 8 | CI10-M8-90 | | | 8,4 | 15,0 | 15,5 | | 25 |
| | 10 | CI10-M10-90 | | | 10,5 | 18,0 | 17,5 | | 25 |
| | 12 | CI10-M12-90 | | | 13,0 | 20,0 | 18,5 | | 25 |
| 16 | 5 | CI16-M5-90 | 5,4 | 7,8 | 5,3 | 11,0 | 12,0 | 10,0 | 25 |
| | 6 | CI16-M6-90 | | | 6,4 | 11,5 | 14,0 | | 25 |
| | 8 | CI16-M8-90 | | | 8,4 | 15,0 | 16,0 | | 25 |
| | 10 | CI16-M10-90 | | | 10,5 | 18,0 | 18,0 | | 25 |
| | 12 | CI16-M12-90 | | | 13,0 | 20,0 | 19,0 | | 25 |
| 25 | 5 | CI25-M5-90 | 6,9 | 9,4 | 5,3 | 14,0 | 13,0 | 12,0 | 25 |
| | 6 | CI25-M6-90 | | | 6,4 | 14,0 | 15,5 | | 25 |
| | 8 | CI25-M8-90 | | | 8,4 | 15,0 | 16,5 | | 25 |
| | 10 | CI25-M10-90 | | | 10,5 | 18,0 | 18,5 | | 25 |
| | 12 | CI25-M12-90 | | | 13,0 | 20,0 | 19,5 | | 25 |
| 35 | 6 | CI35-M6-90 | 8,3 | 11,3 | 6,4 | 16,5 | 16,0 | 15,0 | 25 |
| | 8 | CI35-M8-90 | | | 8,4 | 16,5 | 18,0 | | 25 |
| | 10 | CI35-M10-90 | | | 10,5 | 18,0 | 20,0 | | 25 |
| | 12 | CI35-M12-90 | | | 13,0 | 20,0 | 21,0 | | 25 |

typically used tools: „GENERAL CATALOG TOOLS“



! standard: I-series

Cu - Intercable IT standard / 90°



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|--------------------------------|------|------|------|------|------|------|------|
| 50 | 6 | CI50-M6-90 | 9,6 | 13,1 | 6,4 | 19,0 | 17,0 | 17,0 | 25 |
| | 8 | CI50-M8-90 | | | 8,4 | 19,0 | 19,0 | | 25 |
| | 10 | CI50-M10-90 | | | 10,5 | 20,0 | 21,0 | | 25 |
| | 12 | CI50-M12-90 | | | 13,0 | 23,0 | 23,5 | | 25 |
| | 16 | CI50-M16-90 | | | 17,0 | 27,0 | 25,0 | | 25 |
| 70 | 8 | CI70-M8-90 | 11,3 | 14,7 | 8,4 | 22,5 | 20,0 | 20,0 | 25 |
| | 10 | CI70-M10-90 | | | 10,5 | 22,5 | 22,0 | | 25 |
| | 12 | CI70-M12-90 | | | 13,0 | 23,0 | 23,0 | | 25 |
| | 14 | CI70-M14-90 | | | 15,0 | 26,0 | 26,0 | | 25 |
| | 16 | CI70-M16-90 | | | 17,0 | 28,0 | 30,0 | | 25 |
| 95 | 8 | CI95-M8-90 | 13,5 | 17,5 | 8,4 | 25,0 | 21,5 | 22,0 | 25 |
| | 10 | CI95-M10-90 | | | 10,5 | 25,0 | 23,5 | | 25 |
| | 12 | CI95-M12-90 | | | 13,0 | 25,0 | 24,5 | | 25 |
| | 16 | CI95-M14-90 | | | 17,0 | 28,0 | 27,5 | | 25 |
| | 20 | CI95-M20-90 | | | 21,0 | 31,0 | 31,5 | | 25 |
| 120 | 8 | CI120-M8-90 | 15,5 | 20,0 | 8,4 | 29,0 | 22,5 | 25,0 | 25 |
| | 10 | CI120-M10-90 | | | 10,5 | 29,0 | 25,0 | | 25 |
| | 12 | CI120-M12-90 | | | 13,0 | 29,0 | 26,0 | | 25 |
| 150 | 16 | CI120-M16-90 | 16,8 | 21,3 | 17,0 | 29,0 | 28,5 | 28,0 | 25 |
| | 8 | CI150-M8-90 | | | 8,4 | 31,0 | 25,5 | | 10 |
| | 10 | CI150-M10-90 | | | 10,5 | 31,0 | 25,5 | | 10 |
| | 12 | CI150-M12-90 | | | 13,0 | 31,0 | 26,5 | | 10 |
| | 16 | CI150-M16-90 | | | 17,0 | 31,0 | 29,5 | | 10 |
| 185 | 20 | CI150-M20-90 | 19,0 | 24,0 | 21,0 | 35,0 | 33,5 | 29,0 | 10 |
| | 10 | CI185-M10-90 | | | 10,5 | 35,0 | 27,0 | | 10 |
| | 12 | CI185-M12-90 | | | 13,0 | 35,0 | 28,0 | | 10 |
| | 16 | CI185-M16-90 | | | 17,0 | 35,0 | 31,0 | | 10 |
| | 20 | CI185-M20-90 | | | 21,0 | 35,0 | 35,0 | | 10 |
| 240 | 10 | CI240-M10-90 | 21,1 | 27,3 | 10,5 | 38,0 | 28,0 | 34,0 | 10 |
| | 12 | CI240-M12-90 | | | 13,0 | 38,0 | 29,0 | | 10 |
| | 16 | CI240-M16-90 | | | 17,0 | 38,0 | 32,0 | | 10 |
| | 20 | CI240-M20-90 | | | 21,0 | 38,0 | 36,0 | | 10 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



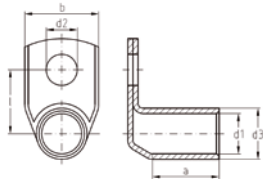
hydraulic tool selection: page: 144



! standard: I-series

crimping dies: page: 163-184

Cu - Intercable D standard / 90° „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|-----|-----|------|----|------|----|-----------|------|
| | | | d1 | d3 | d2 | b | l | a | | |
| 6 | 4 | ICR6490 | 3,5 | 6,5 | 4,3 | 10 | 10,3 | 8 | 0,60 | 25 |
| | 5 | ICR6590 | | | 5,3 | 11 | 11,3 | | 0,62 | 25 |
| | 6 | ICR6690 | | | 6,4 | 11 | 13,3 | | 0,62 | 25 |
| | 8 | ICR6890 | | | 8,4 | 15 | 15,3 | | 0,64 | 25 |
| | 10 | ICR61090 | | | 10,5 | 18 | 17,3 | | 0,68 | 25 |
| | 12 | ICR61290 | | | 13 | 20 | 18,3 | | 0,66 | 25 |
| 10 | 5 | ICR10590 | 4,5 | 7 | 5,3 | 12 | 11,5 | 9 | 0,54 | 25 |
| | 6 | ICR10690 | | | 6,4 | 12 | 12,5 | | 0,59 | 25 |
| | 8 | ICR10890 | | | 8,4 | 15 | 15,5 | | 0,67 | 25 |
| | 10 | ICR101090 | | | 10,5 | 18 | 17,5 | | 0,70 | 25 |
| | 12 | ICR101290 | | | 13 | 20 | 18,5 | | 0,70 | 25 |
| 16 | 5 | ICR16590 | 5,5 | 8,5 | 5,3 | 12 | 13 | 12 | 1,07 | 25 |
| | 6 | ICR16690 | | | 6,4 | 12 | 14,3 | | 1,15 | 25 |
| | 8 | ICR16890 | | | 8,4 | 15 | 16,3 | | 1,20 | 25 |
| | 10 | ICR161090 | | | 10,5 | 18 | 18,3 | | 1,23 | 25 |
| | 12 | ICR161290 | | | 13 | 20 | 19,3 | | 1,23 | 25 |
| 25 | 6 | ICR25690 | 7 | 10 | 6,4 | 15 | 15,5 | 14 | 1,48 | 25 |
| | 8 | ICR25890 | | | 8,4 | 16 | 17,5 | | 1,43 | 25 |
| | 10 | ICR251090 | | | 10,5 | 18 | 19,5 | | 1,68 | 25 |
| | 12 | ICR251290 | | | 13 | 20 | 20,5 | | 1,62 | 25 |
| | 14 | ICR251490 | | | 15 | 22 | 22,5 | | 2,07 | 25 |
| 35 | 6 | ICR35690 | 8,5 | 12 | 6,4 | 17 | 16,5 | 16 | 2,10 | 25 |
| | 8 | ICR35890 | | | 8,4 | 17 | 18,5 | | 2,31 | 25 |
| | 10 | ICR351090 | | | 10,5 | 20 | 20,5 | | 2,39 | 25 |
| | 12 | ICR351290 | | | 13 | 22 | 21,5 | | 2,37 | 25 |
| | 14 | ICR351490 | | | 15 | 23 | 23,5 | | 2,48 | 25 |
| | 16 | ICR351690 | | | 17 | 28 | 24,5 | | 2,48 | 25 |
| 50 | 6 | ICR50690 | 10 | 14 | 6,4 | 20 | 17,5 | 18 | 3,00 | 25 |
| | 8 | ICR50890 | | | 8,4 | 20 | 19,5 | | 3,22 | 25 |
| | 10 | ICR501090 | | | 10,5 | 20 | 21,5 | | 3,32 | 25 |
| | 12 | ICR501290 | | | 13 | 23 | 22,5 | | 3,28 | 25 |
| | 14 | ICR501490 | | | 15 | 23 | 24,5 | | 3,37 | 25 |
| | 16 | ICR501690 | | | 17 | 27 | 28,5 | | 3,77 | 25 |
| | 20 | ICR502090 | | | 21 | 30 | 32,5 | | 4,27 | 25 |

typically used tools: „GENERAL CATALOG TOOLS“



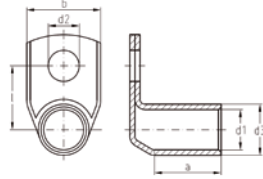
! standard: R-series

page: 137-141

hydraulic tool selection: page: 144

crimping dies: page: 163-184

Cu - Intercable D standard / 90° „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|------|------|------|----|------|----|-----------|------|
| | | | d1 | d3 | d2 | b | l | a | | |
| 70 | 6 | ICR70690 | 12 | 16,5 | 6,4 | 24 | 18,8 | 20 | 4,41 | 25 |
| | 8 | ICR70890 | | | 8,4 | 24 | 20,8 | | 4,47 | 25 |
| | 10 | ICR701090 | | | 10,5 | 24 | 22,8 | | 5,00 | 25 |
| | 12 | ICR701290 | | | 13 | 24 | 23,8 | | 4,87 | 25 |
| | 14 | ICR701490 | | | 15 | 25 | 25,8 | | 4,84 | 25 |
| | 16 | ICR701690 | | | 17 | 28 | 26,8 | | 5,11 | 25 |
| | 20 | ICR702090 | | | 21 | 29 | 30,8 | | 5,26 | 25 |
| 95 | 8 | ICR95890 | 13,5 | 18 | 8,4 | 26 | 21,5 | 22 | 5,33 | 25 |
| | 10 | ICR951090 | | | 10,5 | 26 | 23,5 | | 5,59 | 25 |
| | 12 | ICR951290 | | | 13 | 26 | 24,5 | | 5,58 | 25 |
| | 14 | ICR951490 | | | 15 | 26 | 26,5 | | 5,95 | 25 |
| | 16 | ICR951690 | | | 17 | 28 | 27,5 | | 6,00 | 25 |
| 120 | 8 | ICR120890 | 15 | 20 | 8,4 | 29 | 22,5 | 25 | 7,88 | 25 |
| | 10 | ICR1201090 | | | 10,5 | 29 | 24,5 | | 8,19 | 25 |
| | 12 | ICR1201290 | | | 13 | 29 | 25,5 | | 8,27 | 25 |
| | 16 | ICR1201690 | | | 17 | 30 | 28,5 | | 8,52 | 25 |
| 150 | 8 | ICR150890 | 16,8 | 21,3 | 8,4 | 31 | 25,7 | 28 | 8,03 | 10 |
| | 10 | ICR1501090 | | | 10,5 | 31 | 25,7 | | 8,07 | 10 |
| | 12 | ICR1501290 | | | 13 | 31 | 26,7 | | 8,29 | 10 |
| | 16 | ICR1501690 | | | 17 | 31 | 29,7 | | 8,50 | 10 |
| | 20 | ICR1502090 | | | 21 | 35 | 33,7 | | 8,89 | 10 |
| 185 | 10 | ICR1851090 | 19 | 24 | 10,5 | 35 | 27 | 29 | 11,41 | 10 |
| | 12 | ICR1851290 | | | 13 | 35 | 28 | | 12,21 | 10 |
| | 16 | ICR1851690 | | | 17 | 35 | 31 | | 12,69 | 10 |
| | 20 | ICR1852090 | | | 21 | 35 | 35 | | 12,70 | 10 |
| 240 | 10 | ICR2401090 | 21 | 26 | 10,5 | 38 | 28 | 34 | 13,34 | 10 |
| | 12 | ICR2401290 | | | 13 | 38 | 29 | | 13,93 | 10 |
| | 16 | ICR2401690 | | | 17 | 38 | 32 | | 14,72 | 10 |
| | 20 | ICR2402090 | | | 21 | 38 | 36 | | 14,54 | 10 |
| 300 | 12 | ICR3001290 | 24 | 30 | 43 | 43 | 31 | 41 | 19,72 | 5 |
| | 16 | ICR3001690 | | | 17 | 43 | 34 | | 19,70 | 5 |
| | 20 | ICR3002090 | | | 21 | 43 | 38 | | 21,81 | 5 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



hydraulic tool selection: page: 144

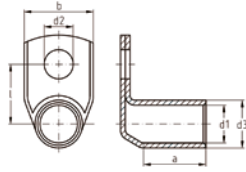


! standard: R-series

crimping dies: page: 163-184



Cu - Intercable D standard / 90° / for flexible cable class 5/6 „F-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | cable min. Ø mm | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|-----------------|------|--------------------------------|------|------|------|------|------|----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 10 | 4,0 | 5 | ICF10590 | 5 | 8 | 5,3 | 12 | 12 | 11 | 0,86 | 25 |
| | | 6 | ICF10690 | | | 6,4 | 13 | 14 | | 0,87 | 25 |
| | | 8 | ICF10890 | | | 8,4 | 15 | 16 | | 0,94 | 25 |
| | | 10 | ICF101090 | | | 10,5 | 18 | 18 | | 0,97 | 25 |
| | | 12 | ICF101290 | | | 13 | 20 | 19 | | 0,98 | 25 |
| 16 | 5,0 | 5 | ICF16590 | 6 | 9 | 5,3 | 15 | 12,5 | 12 | 0,94 | 25 |
| | | 6 | ICF16690 | | | 6,4 | 15 | 14,5 | | 1,05 | 25 |
| | | 8 | ICF16890 | | | 8,4 | 15 | 16,5 | | 1,18 | 25 |
| | | 10 | ICF161090 | | | 10,5 | 18 | 18,5 | | 1,25 | 25 |
| | | 12 | ICF161290 | | | 13 | 20 | 19,5 | | 1,43 | 25 |
| 25 | 6,5 | 6 | ICF25690 | 7,7 | 10,7 | 6,4 | 16 | 15,9 | 15 | 1,55 | 25 |
| | | 8 | ICF25890 | | | 8,4 | 16 | 17,9 | | 1,53 | 25 |
| | | 10 | ICF251090 | | | 10,5 | 18 | 19,9 | | 1,89 | 25 |
| | | 12 | ICF251290 | | | 13 | 20 | 20,9 | | 1,69 | 25 |
| 35 | 7,8 | 6 | ICF35690 | 9,2 | 12,4 | 6,4 | 18 | 16,7 | 17 | 1,97 | 25 |
| | | 8 | ICF35890 | | | 8,4 | 18 | 18,7 | | 2,20 | 25 |
| | | 10 | ICF351090 | | | 10,5 | 18,5 | 20,7 | | 2,34 | 25 |
| | | 12 | ICF351290 | | | 13 | 23 | 21,7 | | 2,23 | 25 |
| | | 16 | ICF351690 | | | 17 | 28 | 24,7 | | 2,25 | 25 |
| 50 | 9,0 | 6 | ICF50690 | 11,2 | 14,8 | 6,4 | 22 | 17,9 | 20 | 2,90 | 25 |
| | | 8 | ICF50890 | | | 8,4 | 22 | 19,9 | | 3,15 | 25 |
| | | 10 | ICF501090 | | | 10,5 | 22 | 21,9 | | 3,30 | 25 |
| | | 12 | ICF501290 | | | 13 | 23 | 22,9 | | 3,36 | 25 |
| | | 16 | ICF501690 | | | 17 | 28 | 25,9 | | 3,57 | 25 |
| 70 | 11,0 | 8 | ICF70890 | 13,5 | 17,5 | 8,4 | 25 | 21,3 | 22 | 4,53 | 50 |
| | | 10 | ICF701090 | | | 10,5 | 25 | 23,3 | | 4,85 | 50 |
| | | 12 | ICF701290 | | | 13 | 25 | 24,3 | | 5,07 | 50 |
| | | 16 | ICF701690 | | | 17 | 28 | 27,3 | | 5,10 | 50 |
| | | 20 | ICF702090 | | | 21 | 31 | 31,3 | | 5,40 | 50 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



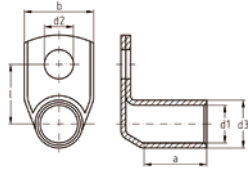
hydraulic tool selection: page: 144



! standard: F-series

crimping dies: page: 163-184

Cu - Intercable D standard / 90° / for flexible cable class 5/6 „F-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | cable min. Ø mm | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|-----------------|------|--------------------------------|------|------|------|----|------|----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 95 | 13,0 | 10 | ICF951090 | 15,5 | 20 | 10,5 | 29 | 25 | 25 | 7,50 | 25 |
| | | 12 | ICF951290 | | | 13 | 29 | 26 | | 7,22 | 25 |
| | | 16 | ICF951690 | | | 17 | 29 | 28,5 | | 7,50 | 25 |
| | | 20 | ICF952090 | | | 21 | 35 | 32,5 | | 7,70 | 25 |
| 120 | 15,0 | 10 | ICF1201090 | 16,8 | 21,3 | 10,5 | 31 | 25,7 | 28 | 7,86 | 25 |
| | | 12 | ICF1201290 | | | 13 | 31 | 26,7 | | 8,02 | 25 |
| | | 16 | ICF1201690 | | | 17 | 31 | 29,7 | | 8,33 | 25 |
| | | 20 | ICF1202090 | | | 21 | 35 | 33,7 | | 8,61 | 25 |
| 150 | 16,3 | 10 | ICF1501090 | 19 | 24 | 10,5 | 35 | 27 | 29 | 10,06 | 10 |
| | | 12 | ICF1501290 | | | 13 | 35 | 28 | | 10,70 | 10 |
| | | 16 | ICF1501690 | | | 17 | 35 | 31 | | 11,04 | 10 |
| | | 20 | ICF1502090 | | | 21 | 35 | 35 | | 11,96 | 10 |
| 185 | 18,5 | 12 | ICF1851290 | 21 | 26 | 13 | 38 | 29 | 34 | 12,69 | 10 |
| | | 16 | ICF1851690 | | | 17 | 38 | 32 | | 13,46 | 10 |
| | | 20 | ICF1852090 | | | 21 | 38 | 36 | | 14,02 | 10 |
| 240 | 20,5 | 12 | ICF2401290 | 24 | 30 | 13 | 43 | 31 | 41 | 19,72 | 10 |
| | | 16 | ICF2401690 | | | 17 | 43 | 34 | | 19,70 | 10 |
| | | 20 | ICF2402090 | | | 21 | 43 | 38 | | 21,81 | 10 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 138-141



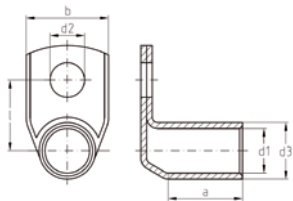
hydraulic tool selection: page: 144



! standard: F-series

crimping dies: page: 163-184

Cu - DIN 46235 standard / 90°



Cu-HCP 99,9% / Copper tinned
DIN EN 13600
option: blank (no tin): ICDxy90BK

DIN 46235
(pipe)

| mm ² | Ø mm | Art. N. (inspect. hole: no) | Reference | mm | | | | | | kg (/100) | Pack | Art. N. (blank) | | |
|-----------------|------|--------------------------------|-----------|------|------|------|------|------|----|-----------|------|--------------------|----|--------------|
| | | | | d1 | d3 | d2 | b | l | a | | | | | |
| 10 | 6 | ICD10690 | 6 | 4,4 | 6 | 6,4 | 10 | 13 | 10 | 0,35 | 25 | ICD10690BK | | |
| | 8 | ICD10890 | | | | 8,4 | 13 | 15 | | | | 0,50 | 25 | ICD10890BK |
| 16 | 6 | ICD16690 | 8 | 5,5 | 8,5 | 6,4 | 13 | 14,3 | 20 | 1,27 | 25 | ICD16690BK | | |
| | 8 | ICD16890 | | | | 8,4 | 13 | 16,3 | | | | 1,30 | 25 | ICD16890BK |
| | 10 | ICD161090 | | | | 10,5 | 16,5 | 18,3 | | | | 1,41 | 25 | ICD161090BK |
| | 12 | ICD161290 | | | | 13 | 19 | 19,3 | | | | 1,38 | 25 | ICD161290BK |
| 25 | 6 | ICD25690 | 10 | 7 | 10 | 6,4 | 15 | 15,5 | 20 | 1,68 | 25 | ICD25690BK | | |
| | 8 | ICD25890 | | | | 8,4 | 16 | 17,5 | | | | 1,76 | 25 | ICD25890BK |
| | 10 | ICD251090 | | | | 10,5 | 16 | 19,5 | | | | 1,84 | 25 | ICD251090BK |
| | 12 | ICD251290 | | | | 13 | 19 | 20,5 | | | | 1,72 | 25 | ICD251290BK |
| 35 | 6 | ICD35690 | 12 | 8,2 | 12,5 | 6,4 | 17 | 16,8 | 20 | 2,74 | 25 | ICD35690BK | | |
| | 8 | ICD35890 | | | | 8,4 | 17 | 18,8 | | | | 3,04 | 25 | ICD35890BK |
| | 10 | ICD351090 | | | | 10,5 | 19 | 20,8 | | | | 3,12 | 25 | ICD351090BK |
| | 12 | ICD351290 | | | | 13 | 21 | 21,8 | | | | 3,26 | 25 | ICD351290BK |
| 50 | 8 | ICD50890 | 14 | 9,8 | 14,5 | 8,4 | 20 | 19,8 | 28 | 4,68 | 25 | ICD50890BK | | |
| | 10 | ICD501090 | | | | 10,5 | 22 | 21,8 | | | | 4,88 | 25 | ICD501090BK |
| | 12 | ICD501290 | | | | 13 | 24 | 22,8 | | | | 5,17 | 25 | ICD501290BK |
| | 16 | ICD501690 | | | | 17 | 27 | 25,8 | | | | 4,95 | 25 | ICD501690BK |
| 70 | 8 | ICD70890 | 16 | 11,3 | 16,5 | 8,4 | 24 | 20,8 | 28 | 5,93 | 25 | ICD70890BK | | |
| | 10 | ICD701090 | | | | 10,5 | 24 | 22,8 | | | | 6,55 | 25 | ICD701090BK |
| | 12 | ICD701290 | | | | 13 | 24 | 23,8 | | | | 6,56 | 25 | ICD701290BK |
| | 16 | ICD701690 | | | | 17 | 29 | 26,8 | | | | 6,31 | 25 | ICD701690BK |
| 95 | 8 | ICD95890 | 18 | 13,5 | 19 | 8,4 | 28 | 22 | 35 | 8,50 | 25 | ICD95890BK | | |
| | 10 | ICD951090 | | | | 10,5 | 28 | 24 | | | | 9,37 | 25 | ICD951090BK |
| | 12 | ICD951290 | | | | 13 | 28 | 25 | | | | 9,49 | 25 | ICD951290BK |
| | 16 | ICD951690 | | | | 17 | 32 | 28 | | | | 9,67 | 25 | ICD951690BK |
| 120 | 10 | ICD1201090 | 20 | 15,5 | 21 | 10,5 | 32 | 25,5 | 35 | 12,09 | 25 | ICD1201090BK | | |
| | 12 | ICD1201290 | | | | 13 | 32 | 26,5 | | | | 11,21 | 25 | ICD1201290BK |
| | 16 | ICD1201690 | | | | 17 | 32 | 29,5 | | | | 11,98 | 25 | ICD1201690BK |
| | 20 | ICD1202090 | | | | 21 | 38 | 33,5 | | | | 12,39 | 25 | ICD1202090BK |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



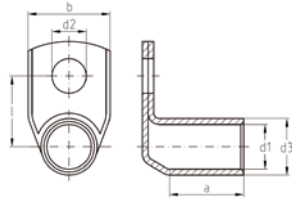
hydraulic tool selection: page: 144



! standard: DIN 46235

crimping dies: page: 163-184

Cu - DIN 46235 standard / 90°



Cu-HCP 99,9% / Copper tinned
DIN EN 13600
option: blank (no tin): ICDxy90BK

DIN 46235
(pipe)

| mm ² | Ø mm | Art. N. (inspect. hole: no) | Reference | mm | | | | | | kg (/100) | Pack | Art. N. (blank) |
|-----------------|------|--------------------------------|-----------|------|------|------|------|------|----|-----------|------|--------------------|
| | | | | d1 | d3 | d2 | b | l | a | | | |
| 150 | 8 | ICD150890 | 22 | 17 | 23,5 | 8,4 | 34 | 26,8 | 35 | 12,66 | 10 | ICD150890BK |
| | 10 | ICD1501090 | | | | 10,5 | 34 | 26,8 | | 14,08 | 10 | ICD1501090BK |
| | 12 | ICD1501290 | | | | 13 | 34 | 27,8 | | 14,30 | 10 | ICD1501290BK |
| | 16 | ICD1501690 | | | | 17 | 34 | 30,8 | | 14,32 | 10 | ICD1501690BK |
| | 20 | ICD1502090 | | | | 21 | 34 | 34,8 | | 15,18 | 10 | ICD1502090BK |
| 185 | 8 | ICD185890 | 25 | 19 | 25,5 | 8,4 | 37 | 25,8 | 40 | 15,70 | 10 | ICD185890BK |
| | 10 | ICD1851090 | | | | 10,5 | 37 | 27,8 | | 16,83 | 10 | ICD1851090BK |
| | 12 | ICD1851290 | | | | 13 | 37 | 28,8 | | 17,45 | 10 | ICD1851290BK |
| | 16 | ICD1851690 | | | | 17 | 37 | 31,8 | | 17,18 | 10 | ICD1851690BK |
| | 20 | ICD1852090 | | | | 21 | 40 | 35,8 | | 20,20 | 10 | ICD1852090BK |
| 240 | 12 | ICD2401290 | 28 | 21,5 | 29 | 13 | 42 | 30,5 | 40 | 22,61 | 10 | ICD2401290BK |
| | 16 | ICD2401690 | | | | 17 | 42 | 33,5 | | 24,46 | 10 | ICD2401690BK |
| | 20 | ICD2402090 | | | | 21 | 42 | 37,5 | | 25,59 | 10 | ICD2402090BK |
| 300 | 12 | ICD3001290 | 32 | 24,5 | 32 | 13 | 48,5 | 32 | 50 | 29,08 | 5 | ICD3001290BK |
| | 16 | ICD3001690 | | | | 17 | 48,5 | 35 | | 30,92 | 5 | ICD3001690BK |
| | 20 | ICD3002090 | | | | 21 | 48,5 | 39 | | 38,60 | 5 | ICD3002090BK |

typically used tools: „GENERAL CATALOG TOOLS“



page: 139-141

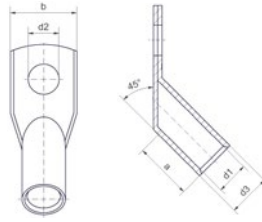
hydraulic tool selection: page: 144



! standard: DIN 46235

crimping dies: page: 163-184

Cu - Intercable IT standard / 45°



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

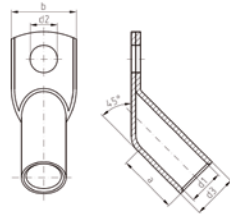


| mm ² | Ø mm | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | a | Pack |
|-----------------|------|--------------------------------|------|------|------|------|------|------|
| 10 | 5 | CI10-M5-45 | 4,3 | 6,7 | 5,3 | 10,0 | 9,0 | 25 |
| | 6 | CI10-M6-45 | | | 6,4 | 11,0 | | 25 |
| | 8 | CI10-M8-45 | | | 8,4 | 15,0 | | 25 |
| 16 | 6 | CI16-M6-45 | 5,4 | 7,8 | 6,4 | 11,5 | 10,0 | 25 |
| | 8 | CI16-M8-45 | | | 8,4 | 15,0 | | 25 |
| | 10 | CI16-M10-45 | | | 10,5 | 18,0 | | 25 |
| 25 | 5 | CI25-M5-45 | 6,9 | 9,4 | 5,3 | 14,0 | 12,0 | 25 |
| | 6 | CI25-M6-45 | | | 6,4 | 14,0 | | 25 |
| | 8 | CI25-M8-45 | | | 8,4 | 15,0 | | 25 |
| | 10 | CI25-M10-45 | | | 10,5 | 18,0 | | 25 |
| 35 | 12 | CI25-M12-45 | 8,3 | 11,3 | 13,0 | 20,0 | 15,0 | 25 |
| | 6 | CI35-M6-45 | | | 6,4 | 16,5 | | 25 |
| | 8 | CI35-M8-45 | | | 8,4 | 16,5 | | 25 |
| | 10 | CI35-M10-45 | | | 10,5 | 18,0 | | 25 |
| 50 | 12 | CI35-M12-45 | 9,6 | 13,1 | 13,0 | 20,0 | 17,0 | 25 |
| | 6 | CI50-M6-45 | | | 6,4 | 19,0 | | 25 |
| | 8 | CI50-M8-45 | | | 8,4 | 19,0 | | 25 |
| | 10 | CI50-M10-45 | | | 10,5 | 20,0 | | 25 |
| 70 | 12 | CI50-M12-45 | 11,3 | 14,7 | 13,0 | 23,0 | 20,0 | 25 |
| | 6 | CI70-M6-45 | | | 6,4 | 22,5 | | 25 |
| | 8 | CI70-M8-45 | | | 8,4 | 22,5 | | 25 |
| | 10 | CI70-M10-45 | | | 10,5 | 22,5 | | 25 |
| 95 | 12 | CI70-M12-45 | 13,5 | 17,5 | 13,0 | 23,0 | 22,0 | 25 |
| | 8 | CI95-M8-45 | | | 8,4 | 25,0 | | 25 |
| | 10 | CI95-M10-45 | | | 10,5 | 25,0 | | 25 |
| | 12 | CI95-M12-45 | | | 13,0 | 25,0 | | 25 |
| 120 | 8 | CI120-M8-45 | 15,5 | 20,0 | 8,4 | 29,0 | 25,0 | 25 |
| | 10 | CI120-M10-45 | | | 10,5 | 29,0 | | 25 |
| | 12 | CI120-M12-45 | | | 13,0 | 29,0 | | 25 |
| | 16 | CI120-M16-45 | | | 17,0 | 29,0 | | 25 |
| 150 | 8 | CI150-M8-45 | 16,8 | 21,3 | 8,4 | 31,0 | 28,0 | 10 |
| | 10 | CI150-M10-45 | | | 10,5 | 31,0 | | 10 |
| | 12 | CI150-M12-45 | | | 13,0 | 31,0 | | 10 |
| | 16 | CI150-M16-45 | | | 17,0 | 31,0 | | 10 |
| 185 | 10 | CI185-M10-45 | 19,0 | 24,0 | 10,5 | 35,0 | 29,0 | 10 |
| | 12 | CI185-M12-45 | | | 13,0 | 35,0 | | 10 |
| | 16 | CI185-M16-45 | | | 17,0 | 35,0 | | 10 |
| | 20 | CI185-M20-45 | | | 21,0 | 35,0 | | 10 |
| 240 | 12 | CI240-M12-45 | 21,1 | 27,3 | 13,0 | 39,0 | 34,0 | 10 |
| | 14 | CI240-M14-45 | | | 15,0 | 39,0 | | 10 |
| | 16 | CI240-M16-45 | | | 17,0 | 39,0 | | 10 |
| | 20 | CI240-M20-45 | | | 21,0 | 39,0 | | 10 |

typically used tools: „GENERAL CATALOG TOOLS“

 : standard: I-series
 hydraulic tool selection: page: 144
 crimping dies: page: 163-184
 page: 137-141

Cu - Intercable D standard / 45° „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|------|------|------|----|----|-----------|------|
| | | | d1 | d3 | d2 | b | a | | |
| 10 | 5 | ICR10545 | 4,5 | 7 | 5,3 | 12 | 9 | 0,55 | 25 |
| | 6 | ICR10645 | | | 6,4 | 12 | | 0,58 | 25 |
| | 8 | ICR10845 | | | 8,4 | 15 | | 0,65 | 25 |
| 16 | 5 | ICR16545 | 5,5 | 8,5 | 5,3 | 12 | 12 | 0,95 | 25 |
| | 6 | ICR16645 | | | 6,4 | 12 | | 1,02 | 25 |
| | 8 | ICR16845 | | | 8,4 | 15 | | 1,20 | 25 |
| 25 | 10 | ICR161045 | | | 10,5 | 18 | | 1,17 | 25 |
| | 6 | ICR25645 | 7 | 10 | 6,4 | 15 | 14 | 1,55 | 25 |
| | 8 | ICR25845 | | | 8,4 | 16 | | 1,51 | 25 |
| | 10 | ICR251045 | | | 10,5 | 18 | | 2,05 | 25 |
| 35 | 12 | ICR251245 | | | 13 | 20 | | 1,70 | 25 |
| | 6 | ICR35645 | 8,5 | 12 | 6,4 | 17 | 16 | 2,17 | 25 |
| | 8 | ICR35845 | | | 8,4 | 17 | | 2,23 | 25 |
| | 10 | ICR351045 | | | 10,5 | 20 | | 2,34 | 25 |
| 50 | 12 | ICR351245 | | | 13 | 22 | | 2,40 | 25 |
| | 8 | ICR50845 | 10 | 14 | 8,4 | 20 | 18 | 3,34 | 25 |
| | 10 | ICR501045 | | | 10,5 | 20 | | 3,65 | 25 |
| 70 | 12 | ICR501245 | | | 13 | 23 | | 3,65 | 25 |
| | 8 | ICR70845 | 12 | 16,5 | 8,4 | 24 | 20 | 4,90 | 25 |
| | 10 | ICR701045 | | | 10,5 | 24 | | 5,23 | 25 |
| 95 | 12 | ICR701245 | | | 13 | 24 | | 5,17 | 25 |
| | 8 | ICR95845 | 13,5 | 18 | 8,4 | 26 | 22 | 8,00 | 25 |
| | 10 | ICR951045 | | | 10,5 | 26 | | 6,20 | 25 |
| 120 | 12 | ICR951245 | | | 13 | 26 | | 6,20 | 25 |
| | 8 | ICR120845 | 15 | 20 | 8,4 | 29 | 25 | 7,80 | 25 |
| | 10 | ICR1201045 | | | 10,5 | 29 | | 8,36 | 25 |
| | 12 | ICR1201245 | | | 13 | 29 | | 8,68 | 25 |
| 150 | 16 | ICR1201645 | | | 17 | 30 | | 8,85 | 25 |
| | 8 | ICR150845* | 16,8 | 21,3 | 8,4 | 31 | 28 | 10,20 | 10 |
| | 10 | ICR1501045 | | | 10,5 | 31 | | 9,87 | 10 |
| | 12 | ICR1501245 | | | 13 | 31 | | 9,68 | 10 |
| 185 | 16 | ICR1501645 | | | 17 | 31 | | 10,12 | 10 |
| | 10 | ICR1851045 | 19 | 24 | 10,5 | 35 | 29 | 12,90 | 10 |
| | 12 | ICR1851245 | | | 13 | 35 | | 12,29 | 10 |
| | 16 | ICR1851645 | | | 17 | 35 | | 11,96 | 10 |
| 240 | 20 | ICR1852045 | | | 21 | 35 | | 14,58 | 10 |
| | 12 | ICR2401245 | 21 | 26 | 13 | 38 | | 15,58 | 10 |
| | 16 | ICR2401645 | | | 17 | 38 | | 16,51 | 10 |
| | 20 | ICR2402045 | | | 21 | 38 | | 17,04 | 10 |

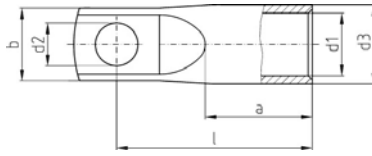
typically used tools: „GENERAL CATALOG TOOLS“



 standard: R-series



Cu - Intercable IT standard / NARROW



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Ø mm | Art. N. (inspect. hole: yes) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|---------------------------------|------|------|------|------|------|------|------|
| 35 | 6 | CI35-M6-PR | 8,3 | 11,3 | 6,4 | 15,0 | 32,5 | 16,0 | 25 |
| 50 | 6 | CI50-M6-PR | 9,6 | 13,1 | 6,4 | 15,0 | 36,0 | 18,0 | 25 |
| | 10 | CI50-M10-PR | | | | | | | |
| 70 | 6 | CI70-M6-PR | 11,3 | 14,7 | 6,4 | 17,0 | 41,0 | 21,0 | 25 |
| | 10 | CI70-M10-PR | | | | | | | |
| 95 | 8 | CI95-M8-PR | 13,5 | 17,5 | 8,4 | 19,0 | 48,0 | 23,0 | 25 |
| | 10 | CI95-M10-PR | | | | | | | |
| 120 | 8 | CI120-M8-PR | 15,5 | 20,0 | 8,4 | 19,0 | 51,0 | 26,0 | 25 |
| | 10 | CI120-M10-PR | | | | | | | |
| 150 | 8 | CI150-M8-PR | 16,8 | 21,3 | 8,4 | 19,0 | 55,0 | 29,0 | 10 |
| | 10 | CI150-10-PR | | | | | | | |
| 185 | 12 | CI185-M12-PR | 19,0 | 24,0 | 13,0 | 31,0 | 59,5 | 30,0 | 10 |
| 240 | 12 | CI240-M12-PR | 21,1 | 27,3 | 13,0 | 31,5 | 69,0 | 35,0 | 10 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



hydraulic tool selection: page: 144

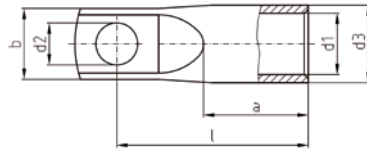


! standard: I-series

crimping dies: page: 163-184



Cu - Intercable D standard / NARROW „R-series“


 Cu-HCP 99,9% / Copper tinned
 DIN EN 13600


| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|------|------|------|----|------|----|-----------|------|
| | | | d1 | d3 | d2 | b | l | a | | |
| 35 | 6 | ICR356S | 8,5 | 12 | 6,4 | 15 | 33 | 17 | 1,80 | 25 |
| | 8 | ICR358S* | | | 8,4 | 15 | 33 | 17 | 2,16 | 25 |
| 50 | 6 | ICR506S | 10 | 14 | 6,4 | 15 | 37 | 19 | 2,73 | 25 |
| | 8 | ICR508S | | | 8,4 | 17 | 39 | | 2,83 | 25 |
| | 10 | ICR5010S | | | 10,5 | 17 | 41 | | 2,99 | 25 |
| | 6 | ICR706S | 11,8 | 16,5 | 6,4 | 17 | 41 | 21 | 4,06 | 25 |
| 70 | 8 | ICR708S | | | 8,4 | 17 | 43 | | 4,30 | 25 |
| | 10 | ICR7010S | | | 10,5 | 17 | 45 | | 4,40 | 25 |
| | 12 | ICR7012S | | | 13 | 19 | 46 | | 4,48 | 25 |
| | 6 | ICR956S | 13,5 | 18 | 6,4 | 19 | 43 | 23 | 4,67 | 25 |
| 95 | 8 | ICR958S | | | 8,4 | 19 | 45 | | 4,90 | 25 |
| | 10 | ICR9510S | | | 10,5 | 19 | 47 | | 5,10 | 25 |
| | 12 | ICR9512S | | | 13 | 19 | 48 | | 5,20 | 25 |
| | 6 | ICR1206S | 14,7 | 20 | 6,4 | 20 | 48 | 26 | 6,43 | 25 |
| 120 | 8 | ICR1208S | | | 8,4 | 20 | 49 | | 6,73 | 25 |
| | 10 | ICR12010S | | | 10,5 | 20 | 51 | | 6,70 | 25 |
| | 12 | ICR12012S | | | 13 | 20 | 52 | | 7,34 | 25 |
| | 6 | ICR1506S | 16,3 | 21,3 | 6,4 | 19 | 53 | 29 | 7,11 | 10 |
| 150 | 8 | ICR1508S | | | 8,4 | 19 | 51 | | 7,11 | 10 |
| | 10 | ICR15010S | | | 10,5 | 19 | 53 | | 7,34 | 10 |
| | 12 | ICR15012S | | | 13 | 22 | 59 | | 7,63 | 10 |
| | 10 | ICR18510S | 18,7 | 24 | 10,5 | 26 | 60 | 30 | 10,47 | 10 |
| 185 | 12 | ICR18512S | | | 13 | 26 | 59,5 | | 10,36 | 10 |
| | 16 | ICR18516S | | | 17 | 26 | 64 | | 11,14 | 10 |
| | 10 | ICR24010S | 21 | 26 | 10,5 | 30 | 65 | 35 | 11,96 | 10 |
| 240 | 12 | ICR24012S | | | 13 | 30 | 65 | | 12,19 | 10 |
| | 16 | ICR24016S | | | 17 | 30 | 68 | | 12,26 | 10 |
| | 10 | ICR30010S | 23,5 | 30 | 10,5 | 30 | 76 | 42 | 19,66 | 5 |
| 300 | 12 | ICR30012S | | | 13 | 30 | 79 | | 20,08 | 5 |
| | 16 | ICR30016S | | | 17 | 30 | 81 | | 20,60 | 5 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



hydraulic tool selection: page: 144

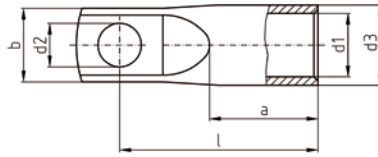


! standard: R-series

crimping dies: page: 163-184



Cu - Intercable D standard / NARROW, for flexible cable class 5/6 „F-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | cable min. Ø mm | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|--------------------|------|--------------------------------|------|------|------|----|------|----|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 35 | 7,8 | 6 | ICF356S | 9,2 | 12,4 | 6,4 | 15 | 35 | 18 | 1,77 | 25 |
| 50 | 9,0 | 6 | ICF506S | 11 | 14,8 | 6,4 | 15 | 38,5 | 21 | 2,70 | 25 |
| | | 8 | ICF508S | | | 8,4 | 17 | 41 | | 3,20 | 25 |
| | | 10 | ICF5010S | | | 10,5 | 19 | 45,5 | | 3,30 | 25 |
| 70 | 11,0 | 6 | ICF706S | 13,4 | 17,5 | 6,4 | 18 | 45,5 | 23 | 4,32 | 25 |
| | | 8 | ICF708S | | | 8,4 | 18 | 46 | | 4,50 | 25 |
| | | 10 | ICF7010S | | | 10,5 | 19 | 48 | | 4,55 | 25 |
| | | 12 | ICF7012S | | | 13 | 22 | 49 | | 4,73 | 25 |
| 95 | 13,0 | 6 | ICF956S | 14,9 | 20 | 6,4 | 19 | 47,5 | 26 | 5,94 | 25 |
| | | 8 | ICF958S | | | 8,4 | 19 | 48,5 | | 6,25 | 25 |
| | | 10 | ICF9510S | | | 10,5 | 19 | 51,5 | | 6,49 | 25 |
| | | 12 | ICF9512S | | | 13 | 22 | 54 | | 6,42 | 25 |
| 120 | 15,0 | 6 | ICF1206S | 16,3 | 21,3 | 6,4 | 19 | 53 | 29 | 7,11 | 25 |
| | | 8 | ICF1208S | | | 8,4 | 19 | 51 | | 7,11 | 25 |
| | | 10 | ICF12010S | | | 10,5 | 19 | 53 | | 7,34 | 25 |
| | | 12 | ICF12012S | | | 13 | 22 | 59 | | 7,63 | 25 |
| 150 | 16,3 | 6 | ICF1506S | 18,7 | 24 | 6,4 | 26 | 56 | 30 | 8,58 | 10 |
| | | 8 | ICF1508S | | | 9,4 | 26 | 58 | | 9,18 | 10 |
| | | 10 | ICF15010S | | | 10,5 | 26 | 60 | | 10,32 | 10 |
| | | 12 | ICF15012S | | | 13 | 26 | 59,5 | | 10,18 | 10 |
| | | 16 | ICF15016S | | | 17 | 26 | 62,5 | | 10,50 | 10 |
| 185 | 18,5 | 10 | ICF18510S | 21 | 26 | 10,5 | 30 | 65 | 35 | 11,72 | 10 |
| | | 12 | ICF18512S | | | 13 | 30 | 64 | | 11,27 | 10 |
| | | 16 | ICF18516S | | | 17 | 30 | 68 | | 11,76 | 10 |
| 240 | 20,5 | 10 | ICF24010S | 23,5 | 30 | 10,5 | 30 | 76 | 42 | 19,67 | 10 |
| | | 12 | ICF24012S | | | 13 | 30 | 79 | | 20,08 | 10 |
| | | 16 | ICF24016S | | | 17 | 30 | 81 | | 20,60 | 10 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



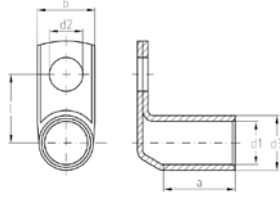
hydraulic tool selection: page: 144



! standard: F-series

crimping dies: page: 163-184

Cu - Intercable D standard / 90°, NARROW, for flexible cable class 5/6 „F-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | cable min. Ø mm | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|--------------------|------|--------------------------------|------|------|------|----|------|-------|-----------|------|
| | | | | d1 | d3 | d2 | b | l | a | | |
| 35 | 7,8 | 6 | ICF35690S | 9,2 | 12,4 | 6,4 | 15 | 16,7 | 17 | 1,80 | 25 |
| 50 | 9,0 | 6 | ICF50690S | 11,0 | 14,8 | 6,4 | 15 | 17,9 | 20 | 2,60 | 25 |
| | | 8 | ICF50890S | | | 8,4 | 17 | 19,9 | 2,90 | 25 | |
| | | 10 | ICF501090S | | | 10,5 | 19 | 21,9 | 3,00 | 25 | |
| 70 | 11,0 | 6 | ICF70690S | 13,4 | 17,5 | 6,4 | 18 | 20 | 22 | 4,30 | 25 |
| | | 8 | ICF70890S | | | 8,4 | 18 | 22 | 4,50 | 25 | |
| | | 10 | ICF701090S | | | 10,5 | 19 | 24 | 4,80 | 25 | |
| 95 | 13,0 | 6 | ICF95690S | 14,9 | 20 | 6,4 | 19 | 21 | 25 | 6,40 | 25 |
| | | 8 | ICF95890S | | | 8,4 | 19 | 23 | 6,70 | 25 | |
| | | 10 | ICF951090S | | | 10,5 | 19 | 25 | 7,00 | 25 | |
| 120 | 15,0 | 6 | ICF120690S | 16,3 | 21,3 | 6,4 | 19 | 21,7 | 28 | 7,30 | 25 |
| | | 8 | ICF120890S | | | 8,4 | 19 | 23,7 | 7,70 | 25 | |
| | | 10 | ICF1201090S | | | 10,5 | 19 | 25,7 | 7,90 | 25 | |
| 150 | 16,3 | 6 | ICF150690S | 18,7 | 24 | 6,4 | 26 | 23 | 29 | 9,20 | 10 |
| | | 8 | ICF150890S | | | 8,4 | 26 | 25 | 9,80 | 10 | |
| | | 10 | ICF1501090S | | | 10,5 | 26 | 27 | 9,96 | 10 | |
| 185 | 18,5 | 10 | ICF1851090S | 21 | 26 | 10,5 | 30 | 28 | 34 | 11,90 | 10 |
| | | 12 | ICF1851290S | | | 13 | 30 | 29 | 11,90 | 10 | |
| | | 16 | ICF1851690S | | | 17 | 30 | 32 | 12,30 | 10 | |
| 240 | 20,5 | 10 | ICF2401090S | 23,5 | 30 | 10,5 | 30 | 30 | 41 | 18,60 | 10 |
| | | 12 | ICF2401290S | | | 13 | 30 | 31 | 18,70 | 10 | |
| | | 16 | ICF2401690S | | | 17 | 30 | 34 | 19,20 | 10 | |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



hydraulic tool selection: page: 144

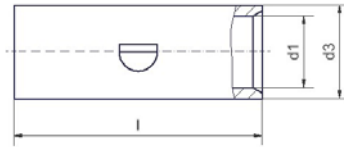


! standard: F-series

crimping dies: page: 163-184



Cu - Intercable IT standard



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Art. N. | d1 | d3 | l | Pack |
|-----------------|----------------|------|------|-------|------|
| 1,0-1,5 | CTT-1.5 | 1,9 | 3,9 | 15,0 | 50 |
| 2,5 | CTT-2.5 | 2,4 | 4,4 | 16,0 | 50 |
| 4 | CTT-4 | 3,0 | 5,0 | 19,0 | 50 |
| 6 | CTT-6 | 3,7 | 5,5 | 19,0 | 50 |
| 10 | CTT-10 | 4,3 | 6,7 | 25,0 | 50 |
| 16 | CTT-16 | 5,4 | 7,8 | 27,0 | 50 |
| 25 | CTT-25 | 6,9 | 9,4 | 29,0 | 50 |
| 35 | CTT-35 | 8,3 | 11,3 | 33,0 | 25 |
| 50 | CTT-50 | 9,6 | 13,1 | 37,0 | 25 |
| 70 | CTT-70 | 11,3 | 14,7 | 39,0 | 25 |
| 95 | CTT-95 | 13,5 | 17,5 | 43,0 | 25 |
| 120 | CTT-120 | 15,5 | 20,0 | 47,0 | 25 |
| 150 | CTT-150 | 16,8 | 21,3 | 58,0 | 10 |
| 185 | CTT-185 | 19,0 | 24,0 | 64,0 | 10 |
| 240 | CTT-240 | 21,1 | 27,3 | 75,0 | 10 |
| 300 | CTT-300 | 24,0 | 30,0 | 90,0 | 5 |
| 400 | CTT-400 | 27,0 | 35,0 | 94,0 | 5 |
| 500 | CTT-500 | 31,0 | 38,0 | 98,0 | 5 |
| 630 | CTT-630 | 34,0 | 41,0 | 105,0 | 5 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



hydraulic tool selection: page: 144

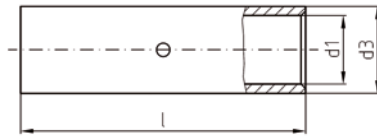


! standard: I-series

crimping dies: page: 163-184



Cu - Intercable D standard „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Art. N. | mm | | | kg (/100) | Pack |
|-----------------|----------------|------|------|-----|-----------|------|
| | | d1 | d3 | l | | |
| 0,5-0,75 | ICR075V | 1,4 | 3 | 15 | 0,08 | 50 |
| 1,0-1,5 | ICR1V | 1,9 | 3,9 | 15 | 0,12 | 50 |
| 2,5 | ICR2V | 2,4 | 4,4 | 16 | 0,15 | 50 |
| 4 | ICR4V | 3 | 5 | 19 | 0,21 | 50 |
| 6 | ICR6V | 3,5 | 6,5 | 25 | 0,52 | 50 |
| 10 | ICR10V | 4,5 | 7 | 30 | 0,50 | 50 |
| 16 | ICR16V | 5,5 | 8,5 | 35 | 1,00 | 50 |
| 25 | ICR25V | 7 | 10 | 40 | 1,41 | 50 |
| 35 | ICR35V | 8,5 | 12 | 45 | 2,17 | 25 |
| 50 | ICR50V | 10 | 14 | 50 | 3,32 | 25 |
| 70 | ICR70V | 12 | 16,5 | 55 | 4,91 | 25 |
| 95 | ICR95V | 13,5 | 18 | 60 | 6,09 | 25 |
| 120 | ICR120V | 15 | 20 | 65 | 7,88 | 25 |
| 150 | ICR150V | 16,8 | 21,3 | 70 | 8,68 | 10 |
| 185 | ICR185V | 19 | 24 | 75 | 11,63 | 10 |
| 240 | ICR240V | 21 | 26 | 85 | 14,79 | 10 |
| 300 | ICR300V | 24 | 30 | 100 | 22,40 | 5 |
| 400 | ICR400V | 27,5 | 33,5 | 100 | 26,17 | 5 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



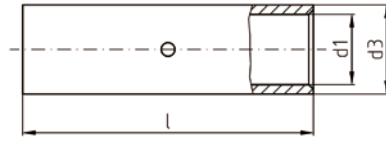
hydraulic tool selection: page: 144



! standard: R-series

crimping dies: page: 163-184

Cu - Intercable D standard / for flexible cables class 5/6 „F-series“



Cu-HCP 99,9% / Copper tinned
 DIN EN 13600



| mm ² | cable min. Ø mm | Art. N. | mm | | | kg (/100) | Pack |
|-----------------|--------------------|----------------|------|------|-----|-----------|------|
| | | | d1 | d3 | l | | |
| 10 | 4,0 | ICF10V | 5 | 8 | 30 | 0,83 | 25 |
| 16 | 5,0 | ICF16V | 6 | 9 | 35 | 1,11 | 25 |
| 25 | 6,5 | ICF25V | 7,7 | 10,7 | 40 | 1,50 | 25 |
| 35 | 7,8 | ICF35V | 9,2 | 12,4 | 45 | 2,19 | 25 |
| 50 | 9,0 | ICF50V | 11,2 | 14,8 | 50 | 3,24 | 25 |
| 70 | 11,0 | ICF70V | 13,5 | 17,5 | 60 | 5,10 | 25 |
| 95 | 13,0 | ICF95V | 15,5 | 20 | 65 | 7,49 | 25 |
| 120 | 15,0 | ICF120V | 16,8 | 21,3 | 65 | 8,44 | 25 |
| 150 | 16,3 | ICF150V | 19 | 24 | 70 | 10,56 | 25 |
| 185 | 18,5 | ICF185V | 21 | 26 | 85 | 14,01 | 25 |
| 240 | 20,5 | ICF240V | 24 | 30 | 100 | 22,73 | 25 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



hydraulic tool selection: page: 144

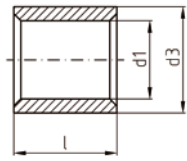


! standard: F-series

crimping dies: page: 163-184



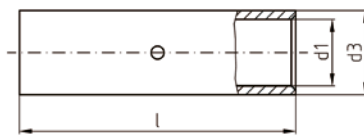
Cu - DIN 46341 p. 1 standard, form A



Cu-HCP 99,9% / Copper tinned

| mm ² | Art. N. | mm | | | kg (/100) | Pack |
|-----------------|----------|------|------|------|-----------|------|
| | | d1 | d3 | l | | |
| 0,5-1 | ICQ1PV | 7 | 1,6 | 3,3 | 0,04 | 100 |
| 1,5-2,5 | ICQ2PV | 7 | 2,3 | 4 | 0,05 | 100 |
| 4-6 | ICQ6PV | 7 | 3,6 | 5,7 | 0,09 | 100 |
| 10 | ICQ10PV | 9 | 4,6 | 6,8 | 0,15 | 100 |
| 16 | ICQ16PV | 10 | 5,9 | 8,3 | 0,23 | 100 |
| 25 | ICQ25PV | 12,5 | 7,7 | 10,7 | 0,45 | 100 |
| 35 | ICQ35PV | 14 | 9,2 | 12,4 | 0,65 | 100 |
| 50 | ICQ50PV | 17,5 | 11,2 | 14,8 | 1,13 | 100 |
| 70 | ICQ70PV | 18 | 13,5 | 17,5 | 1,59 | 100 |
| 95 | ICQ95PV | 19 | 15 | 20 | 2,34 | 50 |
| 120 | ICQ120PV | 21 | 16,7 | 22,7 | 3,53 | 50 |
| 150 | ICQ150PV | 25 | 19 | 25,5 | 5,02 | 50 |

Cu - DIN 46341 p. 1 standard, form B



Cu-HCP 99,9% / Copper tinned

| mm ² | Art. N. | mm | | | kg (/100) | Pack |
|-----------------|-----------|----|------|------|-----------|------|
| | | d1 | d3 | l | | |
| 0,5-1 | ICQ1PVL | 15 | 1,6 | 3,3 | 0,09 | 100 |
| 1,5-2,5 | ICQ2PVL | 15 | 2,3 | 4 | 0,11 | 100 |
| 4-6 | ICQ6PVL | 15 | 3,6 | 5,7 | 0,18 | 100 |
| 10 | ICQ10PVL | 20 | 4,6 | 6,8 | 0,36 | 100 |
| 16 | ICQ16PVL | 26 | 5,9 | 8,3 | 0,61 | 100 |
| 25 | ICQ25PVL | 29 | 7,7 | 10,7 | 1,13 | 100 |
| 35 | ICQ35PVL | 32 | 9,2 | 12,4 | 1,55 | 50 |
| 50 | ICQ50PVL | 38 | 11,2 | 14,8 | 2,44 | 50 |
| 70 | ICQ70PVL | 42 | 13,5 | 17,5 | 3,73 | 50 |
| 95 | ICQ95PVL | 48 | 15 | 20 | 6,08 | 50 |
| 120 | ICQ120PVL | 52 | 16,7 | 22,7 | 8,67 | 50 |
| 150 | ICQ150PVL | 56 | 19 | 25,5 | 11,25 | 25 |

typically used tools: „GENERAL CATALOG TOOLS”



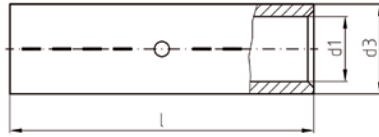
! standard: DIN 46341

page: 137-141

hydraulic tool selection: page: 144

crimping dies: page: 163-184

Cu - DIN 46267 p. 1 standard

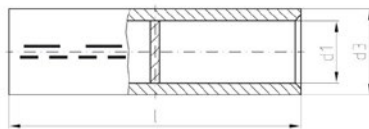


Cu-HCP 99,9% / Copper tinned
DIN EN 13600
option: blank (no tin): ICDxyBK

DIN 46267 p. 1

| mm ² | Art. N. | Reference | mm | | | kg (/100) | Pack | Art. N. (blank) |
|-----------------|----------|-----------|------|------|-----|-----------|------|--------------------|
| | | | d1 | d3 | l | | | |
| 6 | ICD6V | 5 | 3,7 | 5,5 | 30 | 0,35 | 50 | ICD6VBK |
| 10 | ICD10V | 6 | 4,4 | 6 | 30 | 0,35 | 50 | ICD10VBK |
| 16 | ICD16V | 8 | 5,5 | 8,5 | 50 | 1,53 | 50 | ICD16VBK |
| 25 | ICD25V | 10 | 7 | 10 | 50 | 1,86 | 50 | ICD25VBK |
| 35 | ICD35V | 12 | 8,2 | 12,5 | 50 | 3,23 | 25 | ICD35VBK |
| 50 | ICD50V | 14 | 9,8 | 14,5 | 56 | 4,52 | 25 | ICD50VBK |
| 70 | ICD70V | 16 | 11,3 | 16,5 | 56 | 5,64 | 25 | ICD70VBK |
| 95 | ICD95V | 18 | 13,5 | 19 | 70 | 8,98 | 25 | ICD95VBK |
| 120 | ICD120V | 20 | 15,5 | 21 | 70 | 10,33 | 25 | ICD120VBK |
| 150 | ICD150V | 22 | 17 | 23,5 | 80 | 15,03 | 10 | ICD150VBK |
| 185 | ICD185V | 25 | 19 | 25,5 | 85 | 16,78 | 10 | ICD185VBK |
| 240 | ICD240V | 28 | 21,5 | 29 | 90 | 23,20 | 10 | ICD240VBK |
| 300 | ICD300V | 32 | 24,5 | 32 | 100 | 30,37 | 5 | ICD300VBK |
| 400 | ICD400V | 38 | 27,5 | 38,5 | 150 | 76,70 | 5 | ICD400VBK |
| 500 | ICD500V | 42 | 31 | 42 | 160 | 88,25 | 1 | ICD500VBK |
| 625 | ICD625V | 44 | 34,5 | 44 | 160 | 82,50 | 1 | ICD625VBK |
| 800 | ICD800V | 52 | 40 | 52 | 200 | 152,00 | 1 | ICD800VBK |
| 1000 | ICD1000V | 58 | 44 | 58 | 200 | 197,00 | 1 | ICD1000VBK |

Cu - pipe: DIN 46267 p. 1 standard / closed middle



Cu-HCP 99,9% / Copper tinned
DIN EN 13600
option: blank (no tin): ICDxyBK

DIN 46267 p. 1
(pipe)

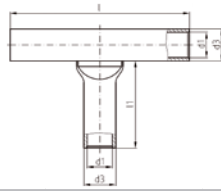
| mm ² | Art. N. | Reference | mm | | | kg (/100) | Pack | Art. N. (blank) |
|-----------------|----------|-----------|------|------|----|-----------|------|--------------------|
| | | | d1 | d3 | l | | | |
| 35 | ICD35VL | 12 | 8,2 | 12,5 | 50 | 3,43 | 10 | ICD35VLBK |
| 50 | ICD50VL | 14 | 9,8 | 14,5 | 56 | 4,63 | 10 | ICD50VLBK |
| 70 | ICD70VL | 16 | 11,3 | 16,5 | 56 | 5,94 | 10 | ICD70VLBK |
| 95 | ICD95VL | 18 | 13,5 | 19 | 70 | 9,28 | 10 | ICD95VLBK |
| 120 | ICD120VL | 20 | 15,5 | 21 | 70 | 10,93 | 10 | ICD120VLBK |
| 150 | ICD150VL | 22 | 17 | 23,5 | 80 | 15,73 | 5 | ICD150VLBK |
| 185 | ICD185VL | 25 | 19 | 25,5 | 85 | 17,10 | 5 | ICD185VLBK |
| 240 | ICD240VL | 28 | 21,5 | 29 | 90 | 25,34 | 5 | ICD240VLBK |

typically used tools: „GENERAL CATALOG TOOLS“



! standard: DIN 46267

Cu - Intercable D standard / „T“ „R-series“

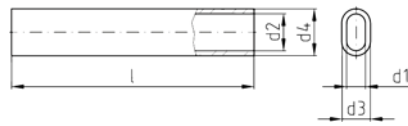


Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Art. N. | mm | | | | kg (/100) | Pack |
|-----------------|---------|------|------|-----|------|-----------|------|
| | | d1 | d3 | l | l1 | | |
| 1,0-1,5 | ICR1T | 1,9 | 3,9 | 30 | 16 | 0,36 | 25 |
| 2,5 | ICR2T | 2,4 | 4,4 | 30 | 16 | 0,45 | 25 |
| 4 | ICR4T | 3 | 5 | 35 | 16,5 | 0,57 | 25 |
| 6 | ICR6T | 3,5 | 6,5 | 35 | 17 | 1,08 | 25 |
| 10 | ICR10T | 4,5 | 7 | 45 | 25 | 1,40 | 25 |
| 16 | ICR16T | 5,5 | 8,5 | 50 | 26 | 2,30 | 25 |
| 25 | ICR25T | 7 | 10 | 50 | 27 | 2,40 | 25 |
| 35 | ICR35T | 8,5 | 12 | 60 | 31 | 4,50 | 10 |
| 50 | ICR50T | 10 | 14 | 72 | 35 | 7,20 | 10 |
| 70 | ICR70T | 12 | 16,5 | 77 | 37 | 10,35 | 10 |
| 95 | ICR95T | 13,5 | 18 | 88 | 45 | 12,70 | 10 |
| 120 | ICR120T | 15 | 20 | 106 | 53 | 17,80 | 10 |
| 150 | ICR150T | 16,8 | 21,3 | 120 | 58 | 23,45 | 5 |
| 185 | ICR185T | 19 | 24 | 110 | 42 | 30,52 | 5 |
| 240 | ICR240T | 21 | 26 | 135 | 55 | 33,94 | 5 |
| 300 | ICR300T | 24 | 30 | 140 | 55 | 47,70 | 5 |

Cu - Intercable D standard / Oval „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600



| mm ² | Art. N. | mm | | | | | kg (/100) | Pack |
|-----------------|---------|-----|-----|-----|-----|----|-----------|------|
| | | d1 | d2 | d3 | d4 | l | | |
| 0,5 | ICR05OV | 1,0 | 2,0 | 2,0 | 3,0 | 25 | 0,08 | 100 |
| 1,5 | ICR15OV | 1,6 | 3,2 | 2,6 | 4,2 | 25 | 0,11 | 100 |
| 2,5 | ICR20V | 2,1 | 4,2 | 3,1 | 5,2 | 25 | 0,14 | 100 |
| 4 | ICR40V | 2,5 | 5,0 | 3,5 | 6,0 | 25 | 0,16 | 100 |
| 6 | ICR60V | 3,0 | 6,0 | 5,0 | 8,0 | 40 | 0,65 | 100 |
| 10 | ICR100V | 3,9 | 7,6 | 5,9 | 9,6 | 50 | 0,96 | 50 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



hydraulic tool selection: page: 144

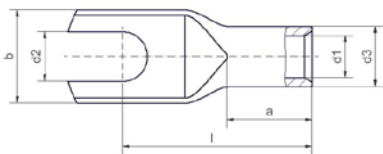


! standard: R-series

crimping dies: page: 163-184



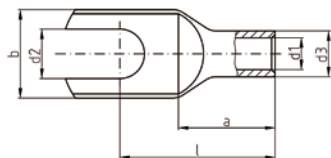
Cu - Intercable IT standard



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

| mm ² | Ø mm | Art. N. (inspect. hole: no) | d1 | d3 | d2 | b | l | a | Pack |
|-----------------|------|--------------------------------|-----|-----|-----|------|------|------|------|
| 10 | 5 | CI10-M5-FR | 4,3 | 6,7 | 5,3 | 10,0 | 20,5 | 10,0 | 50 |
| | 6 | CI10-M6-FR | | | 6,4 | 11,0 | 22,5 | | 50 |
| 16 | 5 | CI16-M5-FR | 5,4 | 7,8 | 5,3 | 12,0 | 22,5 | 11,0 | 50 |
| | 6 | CI16-M6-FR | | | 6,4 | 12,0 | 24,5 | | 50 |

Cu - Intercable D standard „R-series“



Cu-HCP 99,9% / Copper tinned
DIN EN 13600

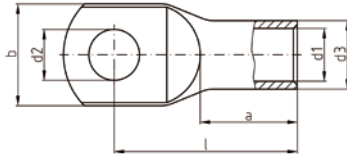
| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|-----|-----|-----|-----|------|-----|-----------|------|
| | | | d1 | d3 | d2 | b | l | a | | |
| 0,5-0,75 | 3 | ICR0753G | 1,4 | 3 | 3,2 | 6,5 | 12,5 | 6 | 0,07 | 50 |
| | 4 | ICR0754G | | | 4,3 | 8,5 | 14 | | 0,07 | 50 |
| | 5 | ICR0755G | | | 5,3 | 10 | 15 | | 0,08 | 50 |
| 1,0-1,5 | 3 | ICR13G | 1,9 | 3,9 | 3,2 | 6,5 | 13,5 | 6 | 0,11 | 50 |
| | 4 | ICR14G | | | 4,3 | 8,5 | 15 | | 0,12 | 50 |
| | 5 | ICR15G | | | 5,3 | 10 | 16 | | 0,13 | 50 |
| 2,5 | 6 | ICR16G | | | 6,4 | 11 | 18 | | 0,14 | 50 |
| | 4 | ICR24G | 2,4 | 4,4 | 4,3 | 8,5 | 15 | 6,5 | 0,15 | 50 |
| | 5 | ICR25G | | | 5,3 | 10 | 16 | | 0,16 | 50 |
| 4 | 6 | ICR26G | | | 6,4 | 11 | 18 | | 0,17 | 50 |
| | 8 | ICR28G | | | 8,4 | 13 | 20 | | 0,20 | 50 |
| | 4 | ICR44G | 3 | 5 | 4,3 | 8,5 | 17 | 8 | 0,19 | 50 |
| 4 | 5 | ICR45G | | | 5,3 | 10 | 18 | | 0,21 | 50 |
| | 6 | ICR46G | | | 6,4 | 11 | 20 | | 0,22 | 50 |
| | 8 | ICR48G | | | 8,4 | 14 | 22 | | 0,24 | 50 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141

Ni



Ni (pure nickel)
T 500°C

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|-----|-----|-----|------|------|----|-----------|------|
| | | | d1 | d3 | d2 | b | l | a | | |
| 0,5-1 | 3 | ICNI13 | 1,6 | 3,2 | 3,2 | 6,5 | 12,5 | 6 | 0,08 | 25 |
| | 4 | ICNI14 | | | 4,3 | 6,5 | 13,5 | | 0,09 | 25 |
| | 5 | ICNI15 | | | 5,3 | 7,5 | 14,5 | | 0,09 | 25 |
| 1,5-2,5 | 4 | ICNI24 | 2,3 | 3,9 | 4,3 | 7 | 14 | 6 | 0,12 | 25 |
| | 5 | ICNI25 | | | 5,3 | 8,5 | 15,5 | | 0,13 | 25 |
| | 6 | ICNI26 | | | 6,4 | 9,5 | 17 | | 0,14 | 25 |
| 4-6 | 4 | ICNI64 | 3,6 | 5,6 | 4,3 | 9,4 | 18 | 8 | 0,26 | 25 |
| | 5 | ICNI65 | | | 5,3 | 10 | 18,5 | | 0,28 | 25 |
| | 6 | ICNI66 | | | 6,4 | 10,5 | 19,5 | | 0,29 | 25 |
| 10 | 8 | ICNI68 | | | 8,4 | 12,5 | 23,5 | | 0,32 | 25 |
| | 5 | ICNI105 | 4,5 | 6,5 | 5,3 | 10,8 | 20,5 | 10 | 0,34 | 25 |
| | 6 | ICNI106 | | | 6,4 | 11,5 | 22,5 | | 0,37 | 25 |
| 16 | 8 | ICNI108 | | | 8,4 | 13,3 | 25 | | 0,42 | 25 |
| | 5 | ICNI165 | 5,5 | 7,5 | 5,3 | 12,8 | 22,5 | 11 | 0,44 | 25 |
| | 6 | ICNI166 | | | 6,4 | 13,6 | 24,5 | | 0,48 | 25 |
| | 8 | ICNI168 | | | 8,4 | 15,7 | 26,5 | | 0,54 | 25 |

typically used tools: „GENERAL CATALOG TOOLS”



page: 137-141

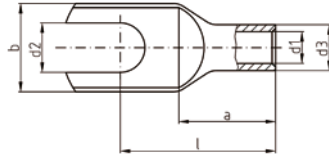


hydraulic tool selection: page: 144



! standard: DIN 46341
DIN 46234
crimping dies: page: 163-184

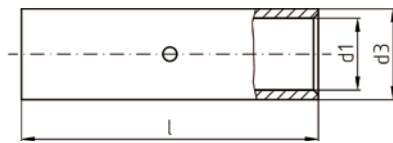
Ni



Ni (pure nickel)
T 500°C

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|-----|-----|-----|------|------|----|-----------|------|
| | | | d1 | d3 | d2 | b | l | a | | |
| 0,5-1 | 4 | ICNI14G | 1,6 | 3,2 | 4,3 | 6,5 | 13,5 | 6 | 0,07 | 25 |
| | 5 | ICNI15G | | | 5,3 | 7,5 | 14,5 | | 0,08 | 25 |
| 1,5-2,5 | 4 | ICNI24G | 2,3 | 3,9 | 4,3 | 7 | 14 | 6 | 0,10 | 25 |
| | 5 | ICNI25G | | | 5,3 | 8,5 | 15,5 | | 0,11 | 25 |
| | 6 | ICNI26G | | | 6,4 | 9,5 | 17 | | 0,12 | 25 |
| 4-6 | 4 | ICNI64G | 3,6 | 5,6 | 4,3 | 9,4 | 18 | 8 | 0,24 | 25 |
| | 5 | ICNI65G | | | 5,3 | 10 | 18,5 | | 0,25 | 25 |
| | 6 | ICNI66G | | | 6,4 | 10,5 | 19,5 | | 0,25 | 25 |
| | 8 | ICNI68G | | | 8,4 | 13 | 23,5 | | 0,40 | 25 |
| 10 | 5 | ICNI105G | 4,5 | 6,5 | 5,3 | 10,8 | 20,5 | 10 | 0,34 | 25 |
| | 6 | ICNI106G | | | 6,4 | 11,5 | 22,5 | | 0,37 | 25 |
| | 8 | ICNI108G | | | 8,4 | 13,3 | 25 | | 0,41 | 25 |
| 16 | 5 | ICNI165G | 5,5 | 7,5 | 5,3 | 12,8 | 22,5 | 11 | 0,44 | 25 |
| | 6 | ICNI166G | | | 6,4 | 13,6 | 24,5 | | 0,48 | 25 |
| | 8 | ICNI168G | | | 8,4 | 15,7 | 26,5 | | 0,53 | 25 |

Ni



Ni (pure nickel)
T 500°C

| mm ² | Art. N. | mm | | | kg (/100) | Pack |
|-----------------|---------|-----|-----|----|-----------|------|
| | | d1 | d3 | l | | |
| 0,5-1 | ICNI1V | 1,6 | 3,2 | 15 | 0,09 | 25 |
| 1,5-2,5 | ICNI2V | 2,3 | 3,9 | 15 | 0,11 | 25 |
| 4-6 | ICNI6V | 3,6 | 5,6 | 15 | 0,20 | 25 |
| 10 | ICNI10V | 4,5 | 6,5 | 25 | 0,38 | 25 |
| 16 | ICNI16V | 5,5 | 7,5 | 30 | 0,54 | 25 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141



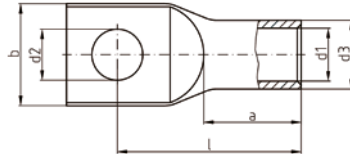
hydraulic tool selection: page: 144



! standard: DIN 46341
DIN 46234

crimping dies: page: 163-184

Stainless Steel



Stainless Steel
V4A
T 400°C
oxidation-safe, food-safe, acid-safe

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | kg (/100) | Pack |
|-----------------|------|--------------------------------|----|----|------|----|------|----|-----------|------|
| | | | d1 | d3 | d2 | b | l | a | | |
| 1,5-2,5 | 4 | ICVA24 | 3 | 5 | 4,3 | 9 | 22,5 | 8 | 0,27 | 25 |
| | 5 | ICVA25 | | | 5,3 | 9 | 21,5 | | 0,26 | 25 |
| | 6 | ICVA26 | | | 6,4 | 10 | 20 | | 0,25 | 25 |
| 4-6 | 4 | ICVA64 | 4 | 6 | 4,3 | 9 | 23,5 | 9 | 0,33 | 25 |
| | 5 | ICVA65 | | | 5,3 | 9 | 22,5 | | 0,34 | 25 |
| | 6 | ICVA66 | | | 6,4 | 10 | 21 | | 0,33 | 25 |
| 10 | 5 | ICVA105 | 5 | 8 | 5,3 | 12 | 29 | 10 | 0,81 | 25 |
| | 6 | ICVA106 | | | 6,4 | 12 | 27,5 | | 0,80 | 25 |
| | 8 | ICVA108 | | | 8,4 | 13 | 25 | | 0,84 | 25 |
| 16 | 5 | ICVA165 | 6 | 8 | 5,3 | 12 | 33 | 13 | 0,64 | 25 |
| | 6 | ICVA166 | | | 6,4 | 12 | 31,5 | | 0,72 | 25 |
| | 8 | ICVA168 | | | 8,4 | 13 | 31 | | 0,64 | 25 |
| 25 | 6 | ICVA256 | 7 | 10 | 6,4 | 14 | 33,5 | 15 | 1,26 | 25 |
| | 8 | ICVA258 | | | 8,4 | 16 | 31 | | 1,25 | 25 |
| | 10 | ICVA2510 | | | 10,5 | 20 | 36 | | 1,79 | 10 |
| 35 | 6 | ICVA356 | 9 | 12 | 6,4 | 18 | 39,5 | 17 | 1,86 | 10 |
| | 8 | ICVA358 | | | 8,4 | 18 | 37 | | 1,81 | 10 |
| | 10 | ICVA3510 | | | 10,5 | 20 | 36 | | 1,79 | 10 |
| 50 | 8 | ICVA508 | 10 | 14 | 8,4 | 21 | 43 | 19 | 3,16 | 10 |
| | 10 | ICVA5010 | | | 10,5 | 21 | 42 | | 3,07 | 10 |
| | 12 | ICVA5012 | | | 13 | 23 | 40 | | 2,95 | 10 |
| 70 | 8 | ICVA708 | 12 | 16 | 8,4 | 24 | 53 | 21 | 4,46 | 10 |
| | 10 | ICVA7010 | | | 10,5 | 24 | 52 | | 4,37 | 10 |
| | 12 | ICVA7012 | | | 13 | 24 | 50 | | 4,24 | 10 |
| | 16 | ICVA7016 | | | 17 | 28 | 47 | | 4,17 | 10 |
| 95 | 8 | ICVA958 | 14 | 18 | 8,4 | 26 | 58 | 25 | 5,60 | 10 |
| | 10 | ICVA9510 | | | 10,5 | 26 | 57 | | 5,50 | 10 |
| | 12 | ICVA9512 | | | 13 | 26 | 55 | | 5,36 | 10 |
| | 16 | ICVA9516 | | | 17 | 28 | 52 | | 5,19 | 10 |

typically used tools: „GENERAL CATALOG TOOLS“



page: 137-141

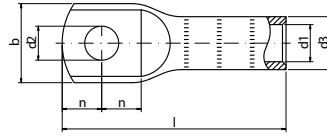


hydraulic tool selection: page: 144



! standard: DIN 46341
DIN 46234
crimping dies: page: 163-184

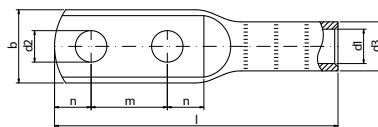
Cu - Medium Voltage Line



Cu-DLP 99,9% / Copper tinned

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | Pack |
|--------------------|------|--------------------------------|------|------|----|----|----|-----|------|
| | | | d1 | d3 | d2 | b | n | l | |
| 25 | 12 | CM25M12 | 7 | 11 | 13 | 20 | 14 | 68 | 50 |
| 35 | 12 | CM35M12 | 8,3 | 13,8 | 13 | 22 | 14 | 68 | 50 |
| 50 RC | 12 | CM50M12 | 8,7 | 13,8 | 13 | 22 | 14 | 71 | 50 |
| 50 S | 12 | CM50SM12 | 9,5 | 14 | 13 | 22 | 14 | 71 | 50 |
| 70 | 12 | CM70M12 | 11,5 | 18 | 13 | 26 | 14 | 71 | 25 |
| 95 RC | 12 | CM95M12 | 12 | 20 | 13 | 30 | 18 | 83 | 25 |
| 120÷95 S | 12 | CM120M12 | 13,5 | 20 | 13 | 30 | 18 | 83 | 25 |
| 150 RC÷120 S÷125 C | 12 | CM150M12 | 15 | 23 | 13 | 31 | 18 | 86 | 10 |
| 185 RC÷185 S | 14 | CM185M14 | 17 | 23 | 15 | 33 | 18 | 88 | 10 |
| 240 RC÷185 S | 14 | CM240M14 | 19 | 28 | 15 | 38 | 18 | 95 | 10 |
| 300 RC÷300 S | 14 | CM300M14 | 21,5 | 30 | 15 | 42 | 18 | 103 | 10 |
| 300S | 14 | CM300SM14 | 24 | 35 | 15 | 48 | 20 | 105 | 5 |
| 400 RC | 14 | CM400M14 | 27 | 35 | 15 | 51 | 23 | 146 | 5 |
| 500 RC | 16 | CM500M16 | 30 | 39 | 17 | 56 | 23 | 156 | 5 |
| 630 RC | 16 | CM630M16 | 34 | 44 | 17 | 62 | 23 | 170 | 5 |

Cu - Medium Voltage Line / double



Cu-DLP 99,9% / Copper tinned

| mm ² | Ø mm | Art. N. (inspect. hole: no) | mm | | | | | | | Pack |
|--------------------|------|--------------------------------|------|------|----|------|------|----|-----|------|
| | | | d1 | d3 | d2 | b | m | n | l | |
| 25 | 12 | CM25M12DF | 7 | 11 | 13 | 20 | 44,5 | 14 | 113 | 50 |
| 35 | 12 | CM35M12DF | 8,3 | 13,8 | 13 | 21 | 44,5 | 14 | 113 | 50 |
| 50 RC | 12 | CM50M12DF | 8,7 | 13,8 | 13 | 21 | 44,5 | 14 | 116 | 50 |
| 50 S | 12 | CM50SM12DF | 9,5 | 14 | 13 | 21 | 44,5 | 14 | 116 | 50 |
| 70 | 12 | CM70M12DF | 11,5 | 18 | 13 | 26 | 44,5 | 14 | 116 | 25 |
| 95 RC | 12 | CM95M12DF | 12 | 20 | 13 | 27,5 | 44,5 | 18 | 128 | 25 |
| 120÷95 S | 12 | CM120M12DF | 13,5 | 20 | 13 | 28 | 44,5 | 18 | 130 | 25 |
| 150 RC÷120 S÷125 C | 12 | CM150M12DF | 15 | 23 | 13 | 31 | 44,5 | 18 | 133 | 25 |
| 185 RC÷185 S | 14 | CM185M14DF | 17 | 23 | 15 | 33 | 44,5 | 18 | 133 | 10 |
| 240 RC÷185 S | 14 | CM240M14DF | 19 | 28 | 15 | 38 | 44,5 | 18 | 135 | 10 |
| 300 RC÷300 S | 14 | CM300M14DF | 21,5 | 30 | 15 | 42 | 44,5 | 18 | 145 | 5 |
| 300S | 14 | CM300SM14DF | 24 | 35 | 15 | 48 | 44,5 | 20 | 149 | 5 |
| 400 RC | 14 | CM400M14DF | 27 | 35 | 15 | 51 | 44,5 | 23 | 190 | 5 |
| 500 RC | 14 | CM500M14DF | 30 | 39 | 15 | 56 | 44,5 | 23 | 246 | 5 |

typically used tools: „GENERAL CATALOG TOOLS“

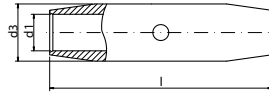


! type:
MV CABLE LUGS

hydraulic tool selection: page: 144

crimping dies: page: 163-184

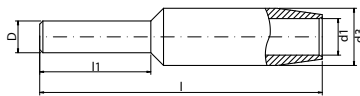
Cu connector - Medium Voltage Line



Cu-DLP 99,9% / Copper tinned

| mm ² | Art. N. | mm | | | Pack |
|--------------------|---------------|------|------|-----|------|
| | | d1 | d3 | l | |
| 25 | GM25 | 7 | 11 | 60 | 50 |
| 35 | GM35 | 8,3 | 13,8 | 60 | 50 |
| 50 RC | GM50 | 8,7 | 13,8 | 60 | 50 |
| 50 S | GM50S | 9,5 | 14 | 60 | 50 |
| 70 | GM70 | 11,5 | 18 | 70 | 25 |
| 95 RC | GM95 | 12 | 20 | 80 | 25 |
| 120÷95 S | GM120 | 13,5 | 20 | 80 | 10 |
| 150 RC÷120 S÷125 C | GM150 | 15 | 23 | 80 | 10 |
| 185 RC÷185 S | GM185 | 17 | 23 | 80 | 10 |
| 240 RC÷185 S | GM240 | 19 | 28 | 100 | 10 |
| 300 RC÷300 S | GM300 | 21,5 | 30 | 100 | 5 |
| 300S | GM300S | 24 | 35 | 100 | 5 |
| 400 RC | GM400 | 27 | 35 | 100 | 5 |
| 500 RC | GM500 | 30 | 39 | 100 | 5 |
| 630 RC | GM630 | 34 | 44 | 130 | 5 |

Cu - Medium Voltage Line



Cu-DLP 99,9%

| mm ² | Art. N. | mm | | | | | Pack |
|--------------------|------------------|------|------|----|----|-----|------|
| | | d1 | d3 | l1 | D | l | |
| 25 | CM25P8 | 7 | 11 | 30 | 8 | 75 | 25 |
| 35 | CM35P8 | 8,3 | 13,8 | 35 | 8 | 80 | 25 |
| 50 RC | CM50P8 | 8,7 | 13,8 | 35 | 8 | 80 | 25 |
| 50 S | CM50SP8 | 9,5 | 14 | 35 | 8 | 80 | 25 |
| 70 | CM70P12 | 11,5 | 18 | 35 | 12 | 85 | 25 |
| 95 RC | CM95P12 | 12 | 20 | 35 | 12 | 95 | 10 |
| 120÷95 S | CM120P12 | 13,5 | 20 | 45 | 12 | 105 | 10 |
| 150 RC÷120 S÷125 C | CM150P16 | 15 | 23 | 45 | 16 | 110 | 10 |
| 185 RC÷185 S | CM185P16 | 17 | 23 | 45 | 16 | 110 | 10 |
| 240 RC÷185 S | CM240P16 | 19 | 28 | 50 | 16 | 115 | 10 |
| 300 RC÷300 S | CM300P18 | 21,5 | 30 | 50 | 18 | 115 | 5 |
| 300S | CM300SP20 | 24 | 35 | 60 | 20 | 130 | 5 |

RC: Rounded Compact Stranded Cable, S: Sectorial Stranded Conductor, C: Sectorial Solid (1 single) Conductor

typically used tools: „GENERAL CATALOG TOOLS“



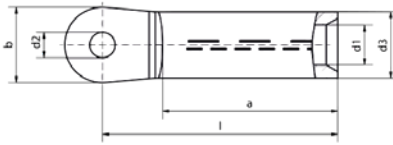
hydraulic tool selection: page: 144



! type:
MV CABLE LUGS

crimping dies: page: 163-184

Al - DIN 46329



Al 99,5%
filled with contact grease / closed
with oil stop
for Al conductors according to DIN EN 60228
and Al ropes according to DIN EN 50182

DIN 46329

| mm ² | | Ø mm | Art. N. (blank) | Art. N. (tinned) | Reference | mm | | | | | | kg (/100) | Pack | |
|-----------------|-----|------|--------------------|---------------------|-----------|------|------|------|----|-----|----|-----------|-------|----|
| RC/S* | C** | | | | | d1 | d3 | d2 | b | l | a | | | |
| 16 | 25 | 8 | ICAL168LD | ICAL168LDV | 12 | 5,8 | 12 | 8,4 | 20 | 53 | 30 | 1,34 | 10 | |
| | | 10 | ICAL1610LD | ICAL1610LDV | | | | 10,5 | | | | | 1,30 | 10 |
| 25 | 35 | 8 | ICAL258LD | ICAL258LDV | 12 | 6,8 | 12 | 8,4 | 25 | 53 | 30 | 1,40 | 10 | |
| | | 10 | ICAL2510LD | ICAL2510LDV | | | | 10,5 | | | | | 1,36 | 10 |
| | | 12 | ICAL2512LD | ICAL2512LDV | | | | 13 | | | | | 1,31 | 10 |
| 35 | 50 | 8 | ICAL358LD | ICAL358LDV | 14 | 8 | 14 | 8,4 | 25 | 65 | 42 | 2,03 | 10 | |
| | | 10 | ICAL3510LD | ICAL3510LDV | | | | 10,5 | | | | | 1,99 | 10 |
| | | 12 | ICAL3512LD | ICAL3512LDV | | | | 13 | | | | | 1,94 | 10 |
| 50 | 70 | 8 | ICAL508LD | ICAL508LDV | 16 | 9,8 | 16 | 8,4 | 25 | 65 | 42 | 2,59 | 10 | |
| | | 10 | ICAL5010LD | ICAL5010LDV | | | | 10,5 | | | | | 2,55 | 10 |
| | | 12 | ICAL5012LD | ICAL5012LDV | | | | 13 | | | | | 2,48 | 10 |
| 70 | 95 | 8 | ICAL708LD | ICAL708LDV | 18 | 11,2 | 18 | 8,4 | 25 | 75 | 52 | 3,68 | 10 | |
| | | 10 | ICAL7010LD | ICAL7010LDV | | | | 10,5 | | | | | 3,63 | 10 |
| | | 12 | ICAL7012LD | ICAL7012LDV | | | | 13 | | | | | 3,56 | 10 |
| 95 | 120 | 8 | ICAL958LD | ICAL958LDV | 22 | 13,2 | 22 | 8,4 | 25 | 81 | 56 | 5,81 | 10 | |
| | | 10 | ICAL9510LD | ICAL9510LDV | | | | 10,5 | | | | | 5,75 | 10 |
| | | 12 | ICAL9512LD | ICAL9512LDV | | | | 13 | | | | | 5,66 | 10 |
| 120 | 150 | 10 | ICAL12010LD | ICAL12010LDV | 22 | 14,7 | 23 | 10,5 | 30 | 86 | 56 | 6,89 | 10 | |
| | | 12 | ICAL12012LD | ICAL12012LDV | | | | 13 | | | | | 6,79 | 10 |
| | | 16 | ICAL12016LD | ICAL12016LDV | | | | 17 | | | | | 5,46 | 10 |
| 150 | 185 | 10 | ICAL15010LD | ICAL15010LDV | 25 | 16,3 | 25 | 10,5 | 30 | 90 | 60 | 8,74 | 5 | |
| | | 12 | ICAL15012LD | ICAL15012LDV | | | | 13 | | | | | 8,62 | 5 |
| | | 16 | ICAL15016LD | ICAL15016LDV | | | | 17 | | | | | 8,39 | 5 |
| | | 20 | ICAL15020LD | ICAL15020LDV | | | | 21 | | | | | 8,09 | 5 |
| 185 | 240 | 10 | ICAL18510LD | ICAL18510LDV | 28 | 18,3 | 28,5 | 10,5 | 30 | 91 | 60 | 11,00 | 5 | |
| | | 12 | ICAL18512LD | ICAL18512LDV | | | | 13 | | | | | 10,89 | 5 |
| | | 16 | ICAL18516LD | ICAL18516LDV | | | | 17 | | | | | 10,48 | 5 |
| | | 20 | ICAL18520LD | ICAL18520LDV | | | | 21 | | | | | 10,18 | 5 |
| 240 | 300 | 10 | ICAL24010LD | ICAL24010LDV | 32 | 21 | 32 | 10,5 | 38 | 106 | 70 | 16,24 | 5 | |
| | | 12 | ICAL24012LD | ICAL24012LDV | | | | 13 | | | | | 16,08 | 5 |
| | | 16 | ICAL24016LD | ICAL24016LDV | | | | 17 | | | | | 15,76 | 5 |
| | | 20 | ICAL24020LD | ICAL24020LDV | | | | 21 | | | | | 15,35 | 5 |
| 300 | - | 12 | ICAL30012LD | ICAL30012LDV | 34 | 23,3 | 34 | 13 | 38 | 106 | 70 | 17,76 | 1 | |
| | | 16 | ICAL30016LD | ICAL30016LDV | | | | 17 | | | | | 17,38 | 1 |
| | | 20 | ICAL30020LD | ICAL30020LDV | | | | 21 | | | | | 16,90 | 1 |
| 400 | - | 12 | ICAL40012LD | ICAL40012LDV | 38 | 26 | 38,5 | 13 | 38 | 116 | 73 | 25,98 | 1 | |
| | | 16 | ICAL40016LD | ICAL40016LDV | | | | 17 | | | | | 25,57 | 1 |
| | | 20 | ICAL40020LD | ICAL40020LDV | | | | 21 | | | | | 25,05 | 1 |
| 500 | - | 12 | ICAL50012LD | ICAL50012LDV | 44 | 29 | 44 | 13 | 44 | 122 | 79 | 36,04 | 1 | |
| | | 16 | ICAL50016LD | ICAL50016LDV | | | | 17 | | | | | 35,60 | 1 |
| | | 20 | ICAL50020LD | ICAL50020LDV | | | | 21 | | | | | 35,04 | 1 |

* RC: Rounded Compact Stranded Cable; S: Sectorial Stranded Conductor, ** C: Sectorial Solid (1 single) Conductor

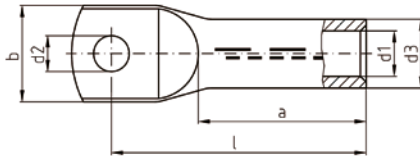
typically used tools: „GENERAL CATALOG TOOLS“



! standard: DIN 46329



Al - DIN 46329



Al 99,5%
filled with contact grease / closed
with oil stop
for Al conductors according to DIN EN 60228 and Al
ropes according to DIN EN 50182

pipe: DIN 46329

| mm ² | | Ø mm | Art. N. (blank) | Reference | mm | | | | | | kg (/100) | Pack |
|-----------------|-----|------|--------------------|-----------|------|------|------|----|-----|----|-----------|------|
| RC/S* | C** | | | | d1 | d3 | d2 | b | l | a | | |
| 16 | 25 | 8 | ICAL168 | 12 | 5,6 | 12 | 8,4 | 16 | 52 | 26 | 0,94 | 10 |
| | | 10 | ICAL1610 | | | | 10,5 | 18 | 52 | | 1,01 | 10 |
| 25 | 35 | 8 | ICAL258 | 12 | 7 | 12 | 8,4 | 16 | 60 | 34 | 1,48 | 10 |
| | | 10 | ICAL2510 | | | | 10,5 | 18 | 60 | | 1,53 | 10 |
| 35 | 50 | 8 | ICAL358 | 14 | 8 | 14 | 8,4 | 20 | 67 | 40 | 2,45 | 10 |
| | | 10 | ICAL3510 | | | | 10,5 | 20 | 67 | | 2,45 | 10 |
| | | 12 | ICAL3512 | | | | 13 | 20 | 67 | | 2,35 | 10 |
| 50 | 70 | 8 | ICAL508 | 16 | 10 | 16 | 8,4 | 23 | 74 | 42 | 3,29 | 10 |
| | | 10 | ICAL5010 | | | | 10,5 | 23 | 74 | | 3,29 | 10 |
| | | 12 | ICAL5012 | | | | 13 | 23 | 74 | | 3,34 | 10 |
| 70 | 95 | 10 | ICAL7010 | 18 | 11,5 | 18,5 | 10,5 | 28 | 84 | 50 | 4,77 | 10 |
| | | 12 | ICAL7012 | | | | 13 | 28 | 87 | | 4,73 | 10 |
| 95 | 120 | 10 | ICAL9510 | 22 | 13,4 | 22 | 10,5 | 32 | 90 | 55 | 7,85 | 10 |
| | | 12 | ICAL9512 | | | | 13 | 32 | 90 | | 7,73 | 10 |
| | | 16 | ICAL9516 | | | | 17 | 32 | 90 | | 7,96 | 10 |
| 120 | 150 | 10 | ICAL12010 | 22 | 15 | 23 | 10,5 | 32 | 98 | 60 | 8,38 | 10 |
| | | 12 | ICAL12012 | | | | 13 | 32 | 98 | | 7,91 | 10 |
| | | 16 | ICAL12016 | | | | 17 | 32 | 98 | | 8,41 | 10 |
| 150 | 185 | 10 | ICAL15010 | 25 | 16,5 | 25 | 10,5 | 35 | 104 | 64 | 10,00 | 5 |
| | | 12 | ICAL15012 | | | | 13 | 35 | 104 | | 10,03 | 5 |
| | | 16 | ICAL15016 | | | | 17 | 35 | 104 | | 10,09 | 5 |
| | | 20 | ICAL15020 | | | | 21 | 35 | 104 | | 10,02 | 5 |
| 185 | 240 | 10 | ICAL18510 | 28 | 18,5 | 28,5 | 10,5 | 40 | 109 | 66 | 13,10 | 5 |
| | | 12 | ICAL18512 | | | | 13 | 40 | 109 | | 13,39 | 5 |
| | | 16 | ICAL18516 | | | | 17 | 40 | 109 | | 13,75 | 5 |
| | | 20 | ICAL18520 | | | | 21 | 40 | 109 | | 13,76 | 5 |
| 240 | 300 | 10 | ICAL24010 | 32 | 21,3 | 32 | 10,5 | 46 | 119 | 70 | 16,04 | 5 |
| | | 12 | ICAL24012 | | | | 13 | 46 | 119 | | 16,44 | 5 |
| | | 16 | ICAL24016 | | | | 17 | 46 | 119 | | 17,62 | 5 |
| | | 20 | ICAL24020 | | | | 21 | 46 | 119 | | 17,90 | 5 |
| 300 | - | 12 | ICAL30012 | 34 | 23,3 | 34 | 13 | 50 | 125 | 70 | 18,00 | 1 |
| | | 16 | ICAL30016 | | | | 17 | 50 | 125 | | 22,10 | 1 |
| | | 20 | ICAL30020 | | | | 21 | 50 | 125 | | 19,43 | 1 |
| 400 | - | 12 | ICAL40012 | 38 | 26 | 38,5 | 13 | 55 | 120 | 70 | 24,40 | 1 |
| | | 16 | ICAL40016 | | | | 17 | 55 | 120 | | 24,40 | 1 |
| | | 20 | ICAL40020 | | | | 21 | 55 | 120 | | 24,00 | 1 |
| 500 | - | 12 | ICAL50012 | 44 | 29 | 44 | 13 | 63 | 140 | 80 | 38,00 | 1 |
| | | 16 | ICAL50016 | | | | 17 | 63 | 140 | | 35,50 | 1 |
| | | 20 | ICAL50020 | | | | 21 | 63 | 140 | | 35,05 | 1 |

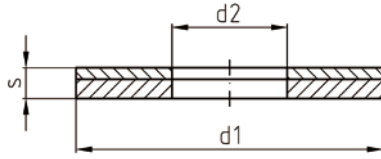
* RC: Rounded Compact Stranded Cable; S: Sectorial Stranded Conductor; ** C: Sectorial Solid (1 single) Conductor

typically used tools: „GENERAL CATALOG TOOLS“



standard: DIN 46329

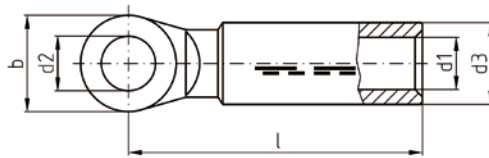
Al-Cu



E / Al
Aluminium sheet plated with copper

| Ø mm | Art. N. | mm | | | kg (/100) | kg (/100) Cu | Pack | for cable lugs max mm² |
|------|-------------|----|------|---|-----------|--------------|------|------------------------|
| | | d1 | d2 | s | | | | |
| 6 | ICALCU6CS | 16 | 6,5 | 1 | 0,08 | 0,04 | 25 | 120 |
| 8 | ICALCU8CS | 18 | 8,5 | 1 | 0,10 | 0,04 | 25 | 120 |
| 10 | ICALCU10CS | 23 | 10,5 | 1 | 0,15 | 0,08 | 25 | 240 |
| 10 | ICALCU10CS2 | 26 | 11 | 1 | 0,20 | 0,10 | 25 | 300 |
| 12 | ICALCU12CS2 | 26 | 13 | 2 | 0,28 | 0,16 | 25 | 240 |
| 12 | ICALCU12CS | 30 | 13 | 2 | 0,52 | 0,24 | 25 | 400 |
| 12 | ICALCU12CS3 | 46 | 13 | 2 | 1,03 | 0,46 | 25 | 500 |
| 16 | ICALCU16CS | 35 | 17 | 2 | 0,63 | 0,31 | 25 | 500 |
| 16 | ICALCU16CS2 | 46 | 17 | 2 | 0,96 | 0,43 | 25 | 630 |
| 20 | ICALCU20CS | 37 | 21 | 2 | 0,60 | 0,30 | 25 | 500 |
| 20 | ICALCU20CS2 | 46 | 21 | 2 | 0,88 | 0,40 | 25 | 630 |

Al-Cu - DIN 46329



Al 99,5%
filled with contact grease / closed
with oil stop
for Al conductors according to DIN EN 60228 and Al ropes
according to DIN EN 50182

pipe: DIN 46329

| mm² | | Ø mm | Art. N. | Reference | mm | | | | | | kg (/100) | Pack |
|-------|-----|------|------------|-----------|-----|----|------|----|----|------|-----------|------|
| RC/S* | C** | | | | d1 | d3 | d2 | b | l | a | | |
| 10 | - | 8 | ICALCU108 | 10 | 5 | 10 | 8,4 | 20 | 50 | 2,71 | 2,28 | 10 |
| 16 | 25 | 8 | ICALCU168 | 12 | 5,6 | 12 | 8,4 | 20 | 60 | 3,54 | 2,68 | 10 |
| | | 10 | ICALCU1610 | | | | 10,5 | 20 | 60 | 3,42 | 2,56 | 10 |
| 25 | 35 | 8 | ICALCU258 | 12 | 6,8 | 12 | 8,4 | 20 | 65 | 3,57 | 2,68 | 10 |
| | | 10 | ICALCU2510 | | | | 10,5 | 20 | 65 | 3,44 | 2,55 | 10 |
| | | 12 | ICALCU2512 | | | | 13 | 26 | 67 | 4,45 | 3,56 | 10 |
| 35 | 50 | 8 | ICALCU358 | 14 | 8 | 14 | 8,4 | 20 | 75 | 4,55 | 3,17 | 10 |
| | | 10 | ICALCU3510 | | | | 10,5 | 20 | 75 | 4,42 | 3,04 | 10 |
| | | 12 | ICALCU3512 | | | | 13 | 26 | 75 | 5,15 | 3,76 | 10 |
| 50 | 70 | 8 | ICALCU508 | 16 | 9,8 | 16 | 8,4 | 20 | 75 | 4,87 | 3,19 | 10 |
| | | 10 | ICALCU5010 | | | | 10,5 | 20 | 75 | 4,72 | 3,04 | 10 |
| | | 12 | ICALCU5012 | | | | 13 | 26 | 75 | 5,95 | 4,24 | 10 |

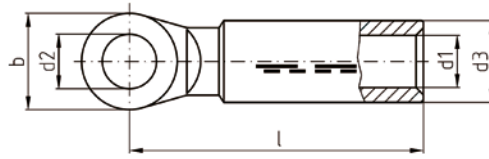
typically used tools: „GENERAL CATALOG TOOLS“



! standard: DIN 46239



Al-Cu - DIN 46329



Al 99,5%
filled with contact grease / closed
with oil stop
for Al conductors according to DIN EN 60228 and Al ropes
according to DIN EN 50182

pipe: DIN 46329

| mm ² | | Ø mm | Art. N. | Reference | mm | | | | | | kg (/100) | Pack | |
|-----------------|-----|------|-------------|-----------|------|------|------|----|-----|-------|-----------|------|-------|
| RC/S* | C** | | | | d1 | d3 | d2 | b | l | a | | | |
| 70 | 95 | 10 | ICALCU7010 | 18 | 11,2 | 18,5 | 10,5 | 26 | 85 | 7,37 | 4,60 | 10 | |
| | | 12 | ICALCU7012 | | | | 13 | 26 | 85 | 7,12 | | | 4,35 |
| | | 16 | ICALCU7016 | | | | 17 | 30 | 88 | 8,10 | | | 5,33 |
| 95 | 120 | 10 | ICALCU9510 | 22 | 13,2 | 22 | 10,5 | 26 | 86 | 10,59 | 5,90 | 10 | |
| | | 12 | ICALCU9512 | | | | 13 | 26 | 86 | 10,34 | | | 5,80 |
| | | 16 | ICALCU9516 | | | | 17 | 30 | 88 | 10,99 | | | 6,48 |
| 120 | 150 | 10 | ICALCU12010 | 22 | 14,7 | 23 | 10,5 | 26 | 88 | 10,68 | 6,64 | 10 | |
| | | 12 | ICALCU12012 | | | | 13 | 26 | 88 | 10,45 | | | 6,41 |
| | | 16 | ICALCU12016 | | | | 17 | 30 | 90 | 11,45 | | | 7,41 |
| 150 | 185 | 10 | ICALCU15010 | 25 | 16,3 | 25,5 | 10,5 | 30 | 100 | 13,80 | 8,31 | 5 | |
| | | 12 | ICALCU15012 | | | | 13 | 30 | 100 | 13,57 | | | 8,07 |
| | | 16 | ICALCU15016 | | | | 17 | 30 | 100 | 12,88 | | | 7,18 |
| 185 | 240 | 10 | ICALCU18510 | 28 | 18,3 | 28,5 | 10,5 | 30 | 102 | 17,60 | 10,30 | 5 | |
| | | 12 | ICALCU18512 | | | | 13 | 30 | 102 | 17,31 | | | 10,00 |
| | | 16 | ICALCU18516 | | | | 17 | 36 | 105 | 19,68 | | | 12,40 |
| | | 20 | ICALCU18520 | | | | 21 | 36 | 105 | 18,96 | | | 11,68 |
| 240 | 300 | 10 | ICALCU24010 | 32 | 21,5 | 32,5 | 10,5 | 30 | 112 | 20,41 | 10,00 | 5 | |
| | | 12 | ICALCU24012 | | | | 13 | 30 | 112 | 20,41 | | | 10,00 |
| | | 16 | ICALCU24016 | | | | 17 | 36 | 115 | 22,58 | | | 12,00 |
| | | 20 | ICALCU24020 | | | | 21 | 36 | 115 | 21,85 | | | 11,28 |
| 300 | - | 10 | ICALCU30010 | 34 | 23,5 | 34 | 13 | 30 | 115 | 21,84 | 10,80 | 1 | |
| | | 12 | ICALCU30012 | | | | 13 | 30 | 115 | 21,84 | | | 10,80 |
| | | 16 | ICALCU30016 | | | | 17 | 36 | 116 | 23,2 | | | 12,80 |
| | | 20 | ICALCU30020 | | | | 21 | 36 | 116 | 22,49 | | | 12,09 |
| 400 | - | 10 | ICALCU40010 | 38 | 26 | 38,5 | 10,5 | 36 | 125 | 32,87 | 17,67 | 1 | |
| | | 12 | ICALCU40012 | | | | 13 | 36 | 125 | 33,27 | | | 17,39 |
| | | 16 | ICALCU40016 | | | | 17 | 36 | 125 | 31,99 | | | 16,79 |
| | | 20 | ICALCU40020 | | | | 21 | 36 | 125 | 31,25 | | | 16,05 |
| 500 | - | 10 | ICALCU50010 | 44 | 29 | 44 | 10,5 | 44 | 140 | 43,70 | 21,57 | 1 | |
| | | 12 | ICALCU50012 | | | | 13 | 44 | 140 | 43,33 | | | 21,20 |
| | | 16 | ICALCU50016 | | | | 17 | 44 | 140 | 42,83 | | | 20,70 |
| | | 20 | ICALCU50020 | | | | 21 | 44 | 140 | 42,08 | | | 19,95 |
| 625 | - | 12 | ICALCU62512 | 52 | 35 | 52 | 13 | 50 | 177 | 63,01 | 21,77 | 1 | |
| | | 16 | ICALCU62516 | | | | 17 | 50 | 177 | 77,00 | | | 35,40 |
| | | 20 | ICALCU62520 | | | | 21 | 50 | 177 | 76,30 | | | 34,70 |

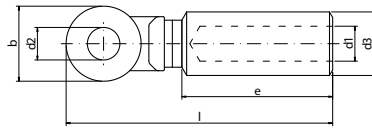
typically used tools: „GENERAL CATALOG TOOLS“



! standard: DIN 46239



Al-Cu / typical: for underground medium voltage cables (acc. to ENEL specs.)

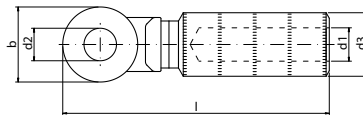


Eye (lug): Cu-ETP 99,95%
Pipe (tube): P-Al 99,%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | | | | Pack |
|-----------------|-------------|------|----|----|----|------|-----|------|
| | | d1 | d3 | d2 | b | e | l | |
| 25 | CALCU25M12 | 6,5 | 16 | 13 | 24 | 47,5 | 87 | 3/60 |
| 35 | CALCU35M12D | 8 | 16 | 13 | 24 | 47,5 | 87 | 3/60 |
| 35 | CALCU35M12 | 8 | 20 | 13 | 24 | 47,5 | 87 | 3/60 |
| 50 | CALCU50M12 | 9 | 20 | 13 | 24 | 47,5 | 87 | 3/60 |
| 70 | CALCU70M12 | 11 | 20 | 13 | 24 | 47,5 | 87 | 3/60 |
| 95 | CALCU95M12 | 12,5 | 20 | 13 | 25 | 47,5 | 87 | 3/60 |
| 120 | CALCU120M12 | 13,7 | 25 | 13 | 30 | 64,5 | 110 | 3/30 |
| 150 | CALCU150M12 | 15,5 | 25 | 13 | 30 | 64,5 | 110 | 3/30 |
| 185 | CALCU185M12 | 17 | 32 | 13 | 35 | 64,5 | 117 | 3/18 |
| 240 | CALCU240M12 | 19,5 | 32 | 13 | 35 | 64,5 | 117 | 3/18 |

Al-Cu / typical: for low voltage overhead cables (acc. to ENEL specs.)

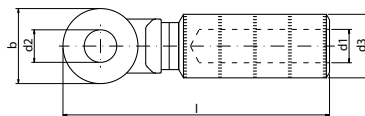


Eye (lug): Cu-ETP 99,95%
Pipe (tube): P-Al 99,%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | | | Pack |
|-----------------|--------------|------|----|----|----|----|------|
| | | d1 | d3 | d2 | b | l | |
| 35 Al | CALCU35M12CA | 8 | 13 | 13 | 24 | 87 | 3 |
| 54,6 Ald | CALCU54M12CA | 10 | 20 | 13 | 24 | 87 | 3 |
| 70 Al | CALCU70M12CA | 10,5 | 20 | 13 | 24 | 87 | 3 |

Al-Cu / typical: for Al-alloy overhead cables/conductors (acc. to ENEL specs.)



Eye (lug): Cu-ETP 99,95%
Pipe (tube): P-Al 99,%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | | | Pack |
|----------------------------|--------------|------|------|----|----|-----|------|
| | | d1 | d3 | d2 | b | l | |
| 35 Ald (7 x 2,52) | CALCU35M12A | 8,2 | 13,5 | 13 | 23 | 89 | 3 |
| 70 Ald (19 x 2,14) | CALCU70M12A | 11,2 | 18 | 13 | 23 | 89 | 3 |
| 150 Al-Acc (7x1,95+26x2,5) | CALCU150M12A | 16,5 | 25 | 13 | 33 | 116 | 3 |

type:
LV / AL-ALLOY O-HEAD
crimping dies: page: 163-184

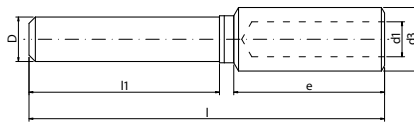
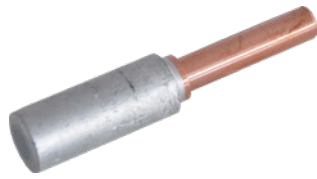
typically used tools: „GENERAL CATALOG TOOLS“



page: 139-141 hydraulic tool selection: page: 144



Al-Cu pin / typical: for underground medium voltage cables (acc. to ENEL specs.)

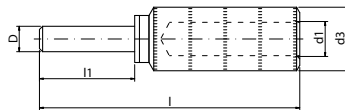


Pin: Cu-ETP 99,95%
Pipe (tube): P-Al 99,9%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | | | | Pack |
|-----------------|-------------|------|----|----|----|------|-----|------|
| | | d1 | d3 | D | l1 | e | l | |
| 25 | CALCU25P8 | 6,5 | 16 | 8 | 30 | 47,5 | 82 | 3/60 |
| 35 | CALCU35P8D | 8 | 16 | 8 | 30 | 47,5 | 82 | 3/60 |
| 35 | CALCU35P14 | 8 | 20 | 14 | 60 | 47,5 | 112 | 3/60 |
| 50 | CALCU50P14 | 9 | 20 | 14 | 60 | 47,5 | 112 | 3/60 |
| 70 | CALCU70P14 | 11 | 20 | 14 | 60 | 47,5 | 112 | 3/60 |
| 95 | CALCU95P14 | 12,5 | 20 | 14 | 60 | 47,5 | 112 | 3/60 |
| 120 | CALCU120P14 | 13,7 | 25 | 14 | 60 | 64,5 | 130 | 3/30 |
| 150 | CALCU150P14 | 15,5 | 25 | 14 | 60 | 64,5 | 130 | 3/30 |
| 185 | CALCU185P14 | 17 | 32 | 14 | 60 | 64,5 | 130 | 3/18 |
| 240 | CALCU240P14 | 19,5 | 32 | 14 | 60 | 64,5 | 130 | 3/18 |

Al-Cu pin / typical: for low voltage overhead cables (acc. to ENEL specs.)

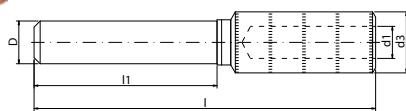


Pin: Cu-ETP 99,95%
Pipe (tube): P-Al 99,9%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | | | Pack |
|-----------------|-------------|------|----|---|----|----|------|
| | | d1 | d3 | D | l1 | l | |
| 35 Al | CALCU35P8CA | 8 | 13 | 8 | 30 | 82 | 3 |
| 54,6 Ald | CALCU54P8CA | 10 | 20 | 8 | 30 | 82 | 3 |
| 70 Al | CALCU70P8CA | 10,5 | 20 | 8 | 30 | 82 | 3 |

Al-Cu pin / typical: for Al-alloy overhead cables/conductors (acc. to ENEL specs.)



Pin: Cu-ETP 99,95%
Pipe (tube): P-Al 99,9%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | | | Pack |
|----------------------------|--------------|------|------|----|----|-----|------|
| | | d1 | d3 | D | l1 | l | |
| 35 Ald (7 x 2,52) | CALCU35P14A | 8,2 | 13,5 | 14 | 80 | 132 | 3 |
| 70 Ald (19 x 2,14) | CALCU70P14A | 11,2 | 18 | 14 | 80 | 132 | 3 |
| 150 Al-Acc (7x1,95+26x2,5) | CALCU150P14A | 16,5 | 25 | 14 | 80 | 145 | 3 |

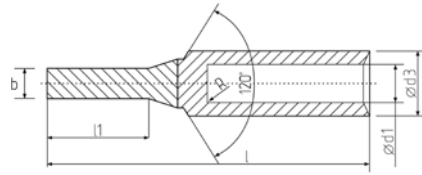
typically used tools: "GENERAL CATALOG TOOLS"

type: LV / AL-ALLOY O.HEAD
crimping dies: page: 163-184

hydraulic tool selection: page: 144

page: 139-141

Al-Cu pin - DIN 46267



Pin: Cu-ETP DIN 13601
Pipe (tube): Al 99,5%

filled with contact grease / closed with oil stop
for Al conductors according to DIN EN 60228 and Al ropes according to DIN EN 50182

DIN 46267 p. 2

| mm ² | | ø mm | Art. N. | Reference | mm | | | | | kg (/100) | kg (/100) Cu | Pack |
|-----------------|-----|------|---------------|-----------|------|------|----|----|-----|-----------|--------------|------|
| RC/S* | C** | | | | d1 | d3 | b | l1 | l | | | |
| 16 | 25 | 6 | ICALCU16B6V | 12 | 5,6 | 12 | 6 | 20 | 58 | 1,45 | 0,68 | 10 |
| 25 | 35 | 6 | ICALCU25B6V | 12 | 6,8 | 12 | 6 | 20 | 58 | 1,49 | 0,69 | 10 |
| 35 | 50 | 7 | ICALCU35B7V | 14 | 8 | 14 | 7 | 22 | 71 | 2,34 | 1,03 | 10 |
| 50 | 70 | 8 | ICALCU50B8V | 16 | 9,8 | 16 | 8 | 25 | 74 | 3,27 | 1,60 | 10 |
| 70 | 95 | 10 | ICALCU70B10V | 18 | 11,2 | 18,5 | 10 | 30 | 87 | 5,53 | 2,77 | 10 |
| 95 | 120 | 12 | ICALCU95B12V | 22 | 13,2 | 22 | 12 | 33 | 91 | 8,16 | 4,36 | 10 |
| 120 | 150 | 12 | ICALCU120B12V | 22 | 14,7 | 23 | 12 | 38 | 97 | 9,40 | 5,14 | 10 |
| 150 | 185 | 12 | ICALCU150B12V | 25 | 16,3 | 25 | 12 | 38 | 108 | 11,43 | 5,61 | 5 |
| 185 | 240 | 14 | ICALCU185B14V | 28 | 18,3 | 28,5 | 14 | 44 | 116 | 16,29 | 8,71 | 5 |
| 240 | 300 | 16 | ICALCU240B16V | 32 | 21 | 32 | 16 | 44 | 128 | 22,30 | 11,43 | 5 |
| 300 | - | 18 | ICALCU300B18V | 34 | 23,3 | 34 | 18 | 46 | 131 | 26,00 | 14,37 | 1 |

* RC: Rounded Compact Stranded Cable, S: Sectorial Stranded Conductor, ** C: Sectorial Solid (1 single) Conductor

typically used tools: „GENERAL CATALOG TOOLS“



page: 139-141



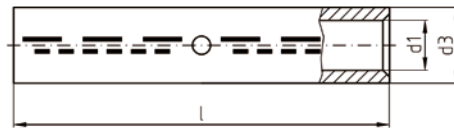
hydraulic tool selection: page: 144



! standard: DIN 46267
Al

crimping dies: page: 163-184

Al connector - DIN 46267

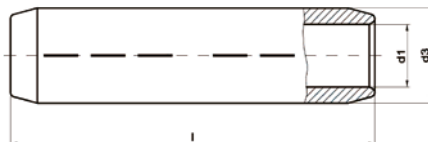


Al 99,5%
filled with contact grease / closed
with oil stop
for Al conductors according to DIN EN 60228 and Al
ropes according to DIN EN 50182

DIN 46267 p. 2

| mm ² | | Art. N. | Reference | mm | | | kg (/100) | Pack |
|-----------------|-----|----------|-----------|------|------|-----|-----------|------|
| RC/S* | C** | | | d1 | d3 | l | | |
| 16 | 25 | ICAL16V | 12 | 5,6 | 12 | 55 | 0,92 | 10 |
| 25 | 35 | ICAL25V | 12 | 7 | 12 | 70 | 1,78 | 10 |
| 35 | 50 | ICAL35V | 14 | 8 | 14 | 85 | 2,85 | 10 |
| 50 | 70 | ICAL50V | 16 | 10 | 16 | 85 | 3,61 | 10 |
| 70 | 95 | ICAL70V | 18 | 11,5 | 18,5 | 105 | 5,59 | 10 |
| 95 | 120 | ICAL95V | 22 | 13,4 | 22 | 105 | 8,50 | 10 |
| 120 | 150 | ICAL120V | 22 | 15 | 23 | 105 | 8,48 | 10 |
| 150 | 185 | ICAL150V | 25 | 16,5 | 25 | 125 | 11,13 | 5 |
| 185 | 240 | ICAL185V | 28 | 18,5 | 28,5 | 125 | 14,35 | 5 |
| 240 | 300 | ICAL240V | 32 | 21,3 | 32 | 145 | 19,17 | 5 |
| 300 | - | ICAL300V | 34 | 23,3 | 34 | 145 | 22,71 | 1 |
| 400 | - | ICAL400V | 38 | 26 | 38,5 | 210 | 35,90 | 1 |
| 500 | - | ICAL500V | 44 | 29 | 44 | 210 | 48,80 | 1 |

Al connector - DIN 46267 / 10-30 kV



Al 99,5%
filled with contact grease / closed
with oil stop
for Al conductors according to DIN EN 60228 and Al
ropes according to DIN EN 50182

DIN 46267 p. 2

| mm ² | | Art. N. | Reference | mm | | | kg (/100) | Pack |
|-----------------|-----|-------------|-----------|------|------|-----|-----------|------|
| RC/S* | C** | | | d1 | d3 | l | | |
| 95 | 120 | ICAL95V30 | 22 | 13,4 | 22 | 100 | 6,30 | 10 |
| 120 | 150 | ICAL120V30 | 22 | 15 | 23 | 105 | 6,50 | 10 |
| 150 | 185 | ICAL150V30 | 25 | 16,5 | 25 | 105 | 7,50 | 5 |
| 185 | 240 | ICAL185V30 | 28 | 18,5 | 28,5 | 125 | 12,00 | 5 |
| 240 | 300 | ICAL240V30 | 32 | 21,3 | 32 | 125 | 14,40 | 5 |
| 300 | - | ICAL300V30 | 34 | 23,3 | 34 | 125 | 13,70 | 1 |
| 400 | - | ICAL400V30 | 38 | 26 | 38,5 | 150 | 24,80 | 1 |
| 500 | - | ICAL500V30 | 44 | 29 | 44 | 170 | 38,00 | 1 |
| 625 | - | ICAL625V30 | 52 | 35 | 52 | 200 | 60,20 | 1 |
| 800 | - | ICAL800V30 | 58 | 40 | 58 | 235 | 87,50 | 1 |
| 1000 | - | ICAL1000V30 | 60 | 44 | 60 | 235 | 82,50 | 1 |

* RC: Rounded Compact Stranded Cable, S: Sectorial Stranded Conductor, ** C: Sectorial Solid (1 single) Conductor

typically used tools: „GENERAL CATALOG TOOLS“



page: 139-141

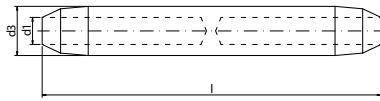
hydraulic tool selection: page: 144



! standard: DIN 46267
Al

crimping dies: page: 163-184

Al connector / typical: for underground medium voltage cables

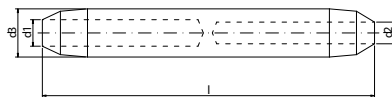


P-Al 99,5%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | Pack |
|-----------------|----------------|------|----|-----|------|
| | | d1 | d3 | l | |
| 35 | GALM35 | 8 | 20 | 138 | 3/30 |
| 50 | GALM50 | 9 | 20 | 138 | 3/30 |
| 70 | GALM70 | 11 | 20 | 138 | 3/30 |
| 95 | GALM95 | 12,5 | 20 | 138 | 3/30 |
| 120 | GALM120 | 13,7 | 25 | 164 | 3/24 |
| 150 | GALM150 | 15,5 | 25 | 164 | 3/24 |
| 185 | GALM185 | 17 | 32 | 176 | 3/15 |
| 240 | GALM240 | 19,5 | 32 | 176 | 3/15 |

Al reduction connector / typical: for underground medium voltage cables Al -> Al/Cu

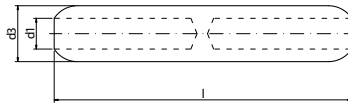


P-Al 99,5%

The tube is filled with grease and closed with plastic cap.

| mm ² | | Art. N. | mm | | | | Pack |
|-----------------|-------|-------------------|------|------|----|-----|------|
| Al | Al/Cu | | d1 | d2 | d3 | l | |
| 70 | 50 | GALM7050 | 11 | 9 | 20 | 138 | 3/30 |
| 95 | 50 | GALM9550 | 12,5 | 9 | 20 | 138 | 3/30 |
| | 70 | GALM9570 | 12,5 | 11 | 20 | 138 | 3/30 |
| 120 | 95 | GALM12095 | 13,7 | 12,5 | 25 | 164 | 3/24 |
| 150 | 95 | GALM15095 | 15,5 | 12,5 | 25 | 164 | 3/24 |
| | 120 | GALM150120 | 15,5 | 13,7 | 25 | 164 | 3/24 |
| 185 | 50 | GALM18550 | 17 | 9 | 32 | 176 | 3/15 |
| | 95 | GALM18595 | 17 | 12,5 | 32 | 176 | 3/15 |
| | 150 | GALM185150 | 17 | 15,5 | 32 | 176 | 3/15 |
| 240 | 150 | GALM240150 | 19,5 | 15,5 | 32 | 176 | 3/15 |
| | 185 | GALM240185 | 19,5 | 17 | 32 | 176 | 3/15 |

Al connector / multi-voltage

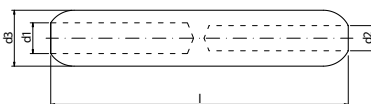


P-Al 99,5%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | Pack |
|-----------------|-----------------|------|----|-------|------|
| | | d1 | d3 | l | |
| 16 | GALMB16 | 5,5 | 16 | 90,5 | 3/30 |
| 25 | GALMB25 | 6,5 | 16 | 90,5 | 3/30 |
| 35 | GALMB35D | 8 | 16 | 90,5 | 3/30 |
| 35 | GALMB35 | 8 | 20 | 106,5 | 3/30 |
| 50 | GALMB50 | 9 | 20 | 106,5 | 3/30 |
| 70 | GALMB70 | 11 | 20 | 106,5 | 3/30 |
| 95 | GALMB95 | 12,5 | 20 | 110 | 3/30 |
| 120 | GALMB120 | 13,7 | 25 | 133 | 3/24 |
| 150 | GALMB150 | 15,5 | 25 | 135 | 3/24 |
| 185 | GALMB185 | 17 | 32 | 143,5 | 3/15 |
| 240 | GALMB240 | 19,5 | 32 | 143,5 | 3/15 |

Al reduction connector / multi-voltage Al -> Al/Cu

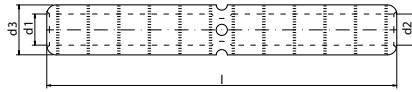


P-Al 99,5%

The tube is filled with grease and closed with plastic cap.

| mm ² | | Art. N. | mm | | | | Pack |
|-----------------|-------|--------------------|------|------|----|-------|------|
| Al | Al/Cu | | d1 | d2 | d3 | l | |
| 25 | 16 | GALMB2516 | 6,5 | 5,5 | 16 | 90,5 | 3/30 |
| 50 | 25 | GALMB5025 | 9 | 6,5 | 20 | 106,5 | 3/30 |
| | 35 | GALMB5035 | 9 | 8 | 20 | 106,5 | 3/30 |
| 70 | 35 | GALMB7035 | 11 | 8 | 20 | 106,5 | 3/30 |
| | 50 | GALMB7050 | 11 | 9 | 20 | 106,5 | 3/30 |
| 95 | 50 | GALMB9550 | 12,5 | 9 | 20 | 110 | 3/30 |
| | 70 | GALMB9570 | 12,5 | 11 | 20 | 110 | 3/30 |
| 120 | 70 | GALMB12070 | 13,7 | 11 | 25 | 133 | 3/24 |
| | 95 | GALMB12095 | 13,7 | 12,5 | 25 | 133 | 3/24 |
| 150 | 70 | GALMB15070 | 15,5 | 11 | 25 | 135 | 3/24 |
| | 95 | GALMB15095 | 15,5 | 12,5 | 25 | 135 | 3/24 |
| | 120 | GALMB150120 | 15,5 | 13,7 | 25 | 135 | 3/24 |
| 185 | 95 | GALMB18595 | 17 | 12,5 | 32 | 143,5 | 3/15 |
| | 120 | GALMB185120 | 17 | 13,7 | 32 | 143,5 | 3/15 |
| | 150 | GALMB185150 | 17 | 15,5 | 32 | 143,5 | 3/15 |
| 240 | 150 | GALMB240150 | 19,5 | 15,5 | 32 | 143,5 | 3/15 |
| | 185 | GALMB240185 | 19,5 | 17 | 32 | 143,5 | 3/15 |

Al reduction connector Al -> Al/Cu / typical: for low voltage overhead cables



P-Al 99,5%

The tube is filled with grease and closed with plastic cap.

| mm ² | | Art. N. | mm | | | | Pack |
|-----------------|-------|------------------|------|----|------|-----|------|
| Al | Al/Cu | | d1 | d2 | d3 | l | |
| 35 Al | 25 Cu | GAL3525CA | 8 | 13 | 6,5 | 105 | 3 |
| | 35 Al | GAL35CA | 8 | 13 | 8 | 105 | 3 |
| 70 Al | 35 Al | GAL7035CA | 10,5 | 20 | 8 | 105 | 3 |
| | 50 Cu | GAL7050CA | 10,5 | 20 | 9 | 105 | 3 |
| | 70 Al | GAL70CA | 10,5 | 20 | 10,5 | 105 | 3 |
| 54,6 Ald | 25 Cu | GAL5425CA | 10 | 20 | 6,5 | 105 | 3 |

typically used tools: „GENERAL CATALOG TOOLS”



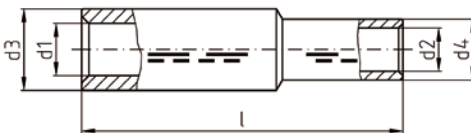
! standard:
LV OVERHEAD

page: 139-141

hydraulic tool selection: page: 144

crimping dies: page: 163-184

Al-Cu connector - DIN 46267



Al 99,5%
Cu-ETP DIN 13601

filled with contact grease / closed with oil stop
for Al conductors according to DIN EN 60228 and Al ropes according to DIN EN 50182

DIN 46267 p. 1, 2

| mm ² | | | Art. N. | Reference | mm | | | | | kg (/100) | kg (/100) Cu | Pack |
|-----------------|--------|----------|--------------------|---------------|------|------|------|------|------|-----------|--------------|------|
| Al RC/S* | Al C** | Cu RC/S* | | | d1 | d3 | d2 | d4 | l | | | |
| 25 | 35 | 10 | ICALCU2510V | Al 12 / CU 6 | 6,8 | 12 | 4,4 | 6 | 51 | 0,99 | 0,23 | 10 |
| | | 16 | ICALCU2516V | Al 12 / CU 8 | | | 5,5 | 8,5 | 61 | | | |
| | | 25 | ICALCU2525V | Al 12 / CU 10 | | | 7 | 10 | 62 | | | |
| 35 | 50 | 16 | ICALCU3516V | Al 14 / CU 8 | 8 | 14 | 5,5 | 8,5 | 71 | 2,12 | 0,89 | 10 |
| | | 25 | ICALCU3525V | Al 14 / CU 10 | | | 7 | 10 | 71 | | | |
| | | 35 | ICALCU3535V | Al 14 / CU 12 | | | 8,2 | 12,2 | 70 | | | |
| 50 | 70 | 16 | ICALCU5016V | Al 16 / CU 8 | 9,8 | 16 | 5,5 | 8,5 | 71,5 | 2,48 | 0,90 | 10 |
| | | 25 | ICALCU5025V | Al 16 / CU 10 | | | 7 | 10 | 71,5 | | | |
| | | 35 | ICALCU5035V | Al 16 / CU 12 | | | 8,2 | 12,2 | 71,5 | | | |
| 70 | 95 | 25 | ICALCU7025V | Al 18 / CU 10 | 11,2 | 18,5 | 7 | 10 | 79 | 3,62 | 1,06 | 10 |
| | | 35 | ICALCU7035V | Al 18 / CU 12 | | | 8,2 | 12,2 | 79 | | | |
| | | 50 | ICALCU7050V | Al 18 / CU 14 | | | 10 | 14,5 | 85 | | | |
| | | 70 | ICALCU7070V | Al 18 / CU 16 | | | 11,5 | 16,5 | 88 | 6,40 | 3,67 | 10 |

typically used tools: „GENERAL CATALOG TOOLS”



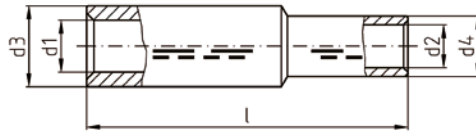
! standard: DIN 46267
Al

page: 139-141

hydraulic tool selection: page: 144

crimping dies: page: 163-184

Al-Cu connector - DIN 46267


 Al 99,5%
 Cu-ETP DIN 13601

 filled with contact grease / closed
 with oil stop
 for Al conductors according to DIN EN 60228 and Al
 ropes according to DIN EN 50182

DIN 46267 p. 1, 2

| mm ² | | | Art. N. | Reference | mm | | | | | kg (/100) | kg (/100) Cu | Pack | | | | | |
|-----------------|--------|----------|---------------|---------------|------|------|------|-------|-------|-----------|--------------|------|-------|-------|-------|------|---|
| Al RC/S* | Al C** | Cu RC/S* | | | d1 | d3 | d2 | d4 | l | | | | | | | | |
| 95 | 120 | 35 | ICALCU9535V | Al 22 / CU 12 | 13,2 | 22 | 8,2 | 12,2 | 79 | 5,74 | 1,66 | 10 | | | | | |
| | | 50 | ICALCU9550V | Al 22 / CU 14 | | | 10 | 14,5 | 85 | | | | 6,91 | 2,65 | 10 | | |
| | | 70 | ICALCU9570V | Al 22 / CU 16 | | | 11,5 | 16,5 | 87 | | | | 7,89 | 3,68 | 10 | | |
| | | 95 | ICALCU9595V | Al 22 / CU 18 | | | 13,5 | 19 | 94 | | | | 9,88 | 5,62 | 10 | | |
| 120 | 150 | 50 | ICALCU12050V | Al 22 / CU 14 | 14,7 | 23 | 10 | 14,5 | 87 | 6,65 | 2,73 | 10 | | | | | |
| | | 70 | ICALCU12070V | Al 22 / CU 16 | | | 11,5 | 16,5 | 89 | | | | 7,61 | 3,58 | 10 | | |
| | | 95 | ICALCU12095V | Al 22 / CU 18 | | | 13,5 | 19 | 97 | | | | 9,77 | 5,62 | 10 | | |
| 150 | 185 | 120 | ICALCU120120V | Al 22 / CU 20 | | | 15,5 | 21 | 98 | 10,82 | 6,61 | 10 | | | | | |
| | | 70 | ICALCU15070V | Al 25 / CU 16 | | | 16,3 | 25 | 11,5 | | | | 16,5 | 101 | 9,59 | 3,58 | 5 |
| | | 95 | ICALCU15095V | Al 25 / CU 18 | | | 13,5 | 19 | 108 | | | | 11,66 | 5,62 | 5 | | |
| 185 | 240 | 120 | ICALCU150120V | Al 25 / CU 20 | | | 15,5 | 21 | 108 | 12,59 | 6,61 | 5 | | | | | |
| | | 150 | ICALCU150150V | Al 25 / CU 22 | | | 17 | 23,5 | 113 | | | | 15,50 | 9,46 | 5 | | |
| | | 95 | ICALCU18595V | Al 28 / CU 18 | | | 18,3 | 28,5 | 13,5 | | | | 19 | 108 | 13,00 | 5,62 | 5 |
| 240 | 300 | 120 | ICALCU185120V | Al 28 / CU 20 | | | 15,5 | 21 | 108 | 14,01 | 6,61 | 5 | | | | | |
| | | 150 | ICALCU185150V | Al 28 / CU 22 | | | 17 | 23,5 | 113 | | | | 16,93 | 9,47 | 5 | | |
| | | 185 | ICALCU185185V | Al 28 / CU 25 | | | 19 | 25,5 | 116 | | | | 18,53 | 10,97 | 5 | | |
| | | 120 | ICALCU240120V | Al 32 / CU 20 | | | 21 | 32 | 15,5 | | | | 21 | 120 | 17,36 | 6,60 | 5 |
| 300 | - | 150 | ICALCU240150V | Al 32 / CU 22 | | | 17 | 23,5 | 124 | 20,08 | 9,27 | 5 | | | | | |
| | | 185 | ICALCU240185V | Al 32 / CU 25 | | | 19 | 25,5 | 127 | | | | 21,84 | 10,97 | 5 | | |
| | | 240 | ICALCU240240V | Al 32 / CU 28 | | | 21,5 | 29 | 128 | | | | 25,85 | 14,89 | 5 | | |
| | | 150 | ICALCU300150V | Al 34 / CU 22 | | | 23,3 | 34 | 17 | | | | 23,5 | 124 | 20,51 | 9,27 | 1 |
| 400 | - | 185 | ICALCU300185V | Al 34 / CU 25 | | | 19 | 25,5 | 128 | 22,58 | 11,19 | 1 | | | | | |
| | | 240 | ICALCU300240V | Al 34 / CU 28 | | | 21,5 | 29 | 128 | | | | 25,63 | 13,71 | 1 | | |
| | | 300 | ICALCU300300V | Al 34 / CU 32 | | | 24,5 | 32 | 138 | | | | 30,56 | 18,58 | 1 | | |
| 500 | - | 185 | ICALCU400185V | Al 38 / CU 25 | 26 | 38,5 | 19 | 25,5 | 131 | 26,70 | 11,20 | 1 | | | | | |
| | | 240 | ICALCU400240V | Al 38 / CU 28 | 21,5 | 29 | 129 | 29,30 | 13,70 | 1 | | | | | | | |
| | | 300 | ICALCU400300V | Al 38 / CU 32 | 24,5 | 32 | 139 | 34,30 | 18,60 | 1 | | | | | | | |
| 500 | - | 240 | ICALCU500240V | Al 44 / CU 28 | 29 | 44 | 21,5 | 29 | 139 | 36,66 | 13,71 | 1 | | | | | |
| | | 300 | ICALCU500300V | Al 44 / CU 32 | 24,5 | 32 | 149 | 41,73 | 18,58 | 1 | | | | | | | |
| | | 400 | ICALCU500400V | Al 44 / CU 38 | 27,5 | 38,5 | 168 | 62,24 | 41,10 | 1 | | | | | | | |

typically used tools: „GENERAL CATALOG TOOLS“



page: 139-141

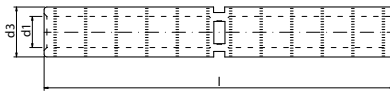


hydraulic tool selection: page: 144


 ! standard: DIN 46267
 Al

crimping dies: page: 163-184

Al connector, full tension / for LV overhead cables

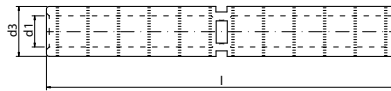


P-Al 99,5%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | Pack |
|-----------------|----------------|------|----|-----|------|
| | | d1 | d3 | l | |
| 35 Al | GAL35PT | 8 | 13 | 95 | 3 |
| 54,6 Aldr. | GAL54PT | 10 | 16 | 110 | 3 |
| 70 Al | GAL70PT | 10,5 | 20 | 155 | 3 |

Cu connector, full tension / for LV overhead cables



Cu-ETP 99,95%

The tube is filled with grease and closed with plastic cap.

| mm ² | Art. N. | mm | | | Pack |
|-----------------|----------------|------|------|-----|------|
| | | d1 | d3 | l | |
| 10 Cu | GCU10PT | 5 | 8,5 | 51 | 10 |
| 16 Cu | GCU16PT | 5 | 8,5 | 61 | 10 |
| 25 Cu | GCU25PT | 7 | 11 | 81 | 10 |
| 35 Cu | GCU35PT | 8,3 | 13,8 | 92 | 10 |
| 70 Cu | GCU70PT | 11,5 | 18 | 119 | 10 |

typically used tools: „GENERAL CATALOG TOOLS”



page: 139-141

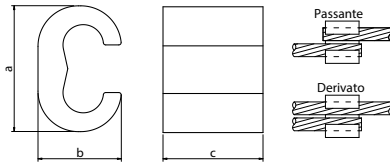


hydraulic tool selection: page: 144



! type:
LV O.HEAD / FULL TENS.
crimping dies: page: 163-184

Cu - „C“ derivation connector



Cu-ETP 99,95%

| mm ² | | Art. N. | mm | | | Pack |
|-----------------|------------|-----------|------|------|------|------|
| Pass. | Derivative | | a | b | c | |
| 6÷2,5 | 6÷1,5 | DAC6 | 10 | 6,5 | 7,5 | 100 |
| 10 | 10÷1,5 | DAC10 | 12 | 8 | 12 | 100 |
| 16 | 16÷1,5 | DAC16 | 19,5 | 12 | 17,5 | 100 |
| 25 | 25÷16 | DAC25 | 20,5 | 12 | 17,5 | 50 |
| 35 | 16÷1,5 | DAC3516 | 25 | 15,5 | 21,5 | 50 |
| 35 | 35÷25 | DAC35 | 26,5 | 15,5 | 21,5 | 50 |
| 50 | 25÷6 | DAC5025 | 34 | 22 | 28 | 25 |
| 70÷50 | 35÷6 | DAC7035 | 34 | 22 | 28 | 25 |
| 70÷50 | 70÷35 | DAC70 | 34 | 22 | 28 | 25 |
| 95 | 35÷6 | DAC9535 | 41 | 23,5 | 30 | 25 |
| 95 | 70÷35 | DAC9570 | 41 | 23,5 | 30 | 25 |
| 95 | 95 | DAC95 | 41 | 23,5 | 30 | 25 |
| 120 | 120÷25 | DAC120 | 44,5 | 27,5 | 30 | 10 |
| 150 | 120÷25 | DAC150120 | 45,5 | 27,5 | 30 | 10 |
| 185÷150 | 95÷16 | DAC18595 | 44,5 | 27,5 | 30 | 10 |
| 185 | 185 | DAC185 | 45,5 | 27,5 | 40 | 10 |



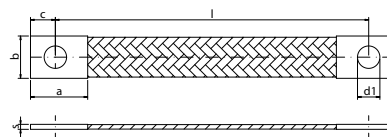
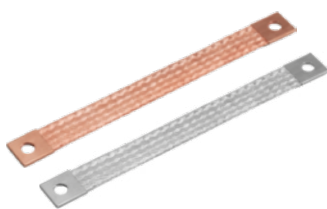
! type: C-CLAMP

typically used tools: „GENERAL CATALOG TOOLS“

hydraulic tool selection: page: 144

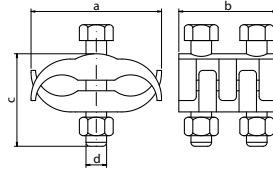
crimping dies: page: 163-184

Cu - flexible band



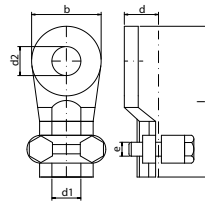
terminals: Cu-ETP UNI EN 1652
wires: Cu-ETP UNI EN 13602

| mm ² | Art. N. | | mm | | | | | | Pack |
|-----------------|-----------|---------------|----|----|----|----|-----|-----|------|
| | Copper | Tinned Copper | a | b | c | d1 | s | l | |
| 10 | TRF10-150 | TRF10-150T | 23 | 17 | 10 | 9 | 2,0 | 150 | 25 |
| | TRF10-200 | TRF10-200T | 23 | 17 | 10 | 9 | 2,0 | 200 | 25 |
| | TRF10-250 | TRF10-250T | 23 | 17 | 10 | 9 | 2,0 | 250 | 25 |
| 16 | TRF16-150 | TRF16-150T | 23 | 17 | 10 | 9 | 2,5 | 150 | 25 |
| | TRF16-200 | TRF16-200T | 23 | 17 | 10 | 9 | 2,5 | 200 | 25 |
| | TRF16-250 | TRF16-250T | 23 | 17 | 10 | 9 | 2,5 | 250 | 25 |
| | TRF16-300 | TRF16-300T | 23 | 17 | 10 | 9 | 2,5 | 300 | 25 |
| | TRF16-350 | TRF16-350T | 23 | 17 | 10 | 9 | 2,5 | 350 | 25 |
| | TRF16-420 | TRF16-420T | 23 | 17 | 10 | 9 | 2,5 | 420 | 25 |
| | TRF16-570 | TRF16-570T | 23 | 17 | 10 | 9 | 2,5 | 570 | 25 |
| | TRF16-660 | TRF16-660T | 23 | 17 | 10 | 9 | 2,5 | 660 | 25 |
| 25 | TRF25-150 | TRF25-150T | 23 | 23 | 10 | 9 | 3,2 | 150 | 25 |
| | TRF25-200 | TRF25-200T | 23 | 23 | 10 | 9 | 3,2 | 200 | 25 |
| | TRF25-250 | TRF25-250T | 23 | 23 | 10 | 9 | 3,2 | 250 | 25 |
| | TRF25-300 | TRF25-300T | 23 | 23 | 10 | 9 | 3,2 | 300 | 25 |



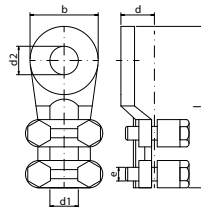
body: OT 58 UNI 5705/65
screws: Fe UNI 5739 - DIN 933
bolts: Fe UNI 5588 - DIN 934

| mm ² | Art. N. | mm | | | | Pack |
|-----------------|------------------|----|----|----|-------|------|
| | | a | b | c | d | |
| 4÷25 | MB01B425 | 22 | 18 | 25 | 1xM6 | 50 |
| 10÷50 | MB01B1050 | 29 | 28 | 25 | 1xM6 | 50 |
| 10÷50 | MB02B1050 | 29 | 22 | 25 | 2xM6 | 50 |
| 15÷95 | MB02B1595 | 36 | 30 | 35 | 2xM6 | 25 |
| 30÷150 | MB02B3015 | 38 | 37 | 45 | 2xM8 | 10 |
| 150÷200 | MB02B1520 | 55 | 58 | 50 | 3xM12 | 5 |
| 200÷300 | MB03B2030 | 65 | 60 | 60 | 3xM12 | 5 |



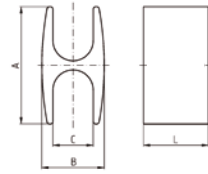
body: OT 58 UNI 5705/65
screws: Fe UNI 5739 - DIN 933

| mm ² | Art. N. | mm | | | | | | Pack |
|-----------------|---------------|---------|------|----|------|------|----|------|
| | | d1 | d2 | b | d | l | e | |
| 16 | C02B16 | 4,1÷5,2 | 8,4 | 15 | 9,5 | 34,5 | M5 | 50 |
| 25 | C02B25 | 5,2÷6,5 | 8,4 | 18 | 11,5 | 41 | M5 | 50 |
| 35 | C02B35 | 6,5÷7,7 | 10,5 | 21 | 12,5 | 47,5 | M5 | 50 |



body: OT 58 UNI 5705/65
screws: Fe UNI 5739 - DIN 933

| mm ² | Art. N. | mm | | | | | | Pack |
|-----------------|----------------|-----------|------|----|------|------|-----|------|
| | | d1 | d2 | b | d | l | e | |
| 50 | C04B50 | 7,7÷9,3 | 10,5 | 22 | 14,5 | 56 | M6 | 25 |
| 75 | C04B75 | 9,3÷11 | 13 | 28 | 16 | 66 | M6 | 25 |
| 100 | C04B100 | 11÷12,8 | 13 | 30 | 16 | 69 | M6 | 25 |
| 120 | C04B120 | 12,8÷14,5 | 13 | 32 | 16 | 74 | M6 | 25 |
| 170 | C04B170 | 14,5÷16,8 | 15 | 35 | 16 | 80,5 | M8 | 25 |
| 200 | C04B200 | 16,8÷18 | 16 | 38 | 22 | 87 | M8 | 25 |
| 250 | C04B250 | 18÷20,5 | 17 | 42 | 22 | 91 | M8 | 25 |
| 300 | C04B300 | 20,5÷22 | 17 | 45 | 22 | 105 | M10 | 20 |
| 400/500 | C04B400 | 22÷25 | 21 | 54 | 24 | 124 | M10 | 10 |



Cu-ETP (DIN EN 13600)
For Cu ropes according to DIN 48201

| mm ² | | Art. N. (tinned) | mm | | | | kg (/100) | Pack | Art. N. (blank, no tin) |
|-----------------|-----|---------------------|----|----|------|----|-----------|------|----------------------------|
| 1 | 2 | | A | B | C | L | | | |
| 70 | 70 | ICD7070H | 34 | 17 | 10,8 | 28 | 6,22 | 5 | ICD7070HBK |
| 95 | 95 | ICD9595H | 40 | 22 | 13 | 30 | 9,76 | 5 | ICD9595HBK |
| 120 | 120 | ICD120120H | 45 | 24 | 15,5 | 25 | 10,24 | 5 | ICD120120HBK |



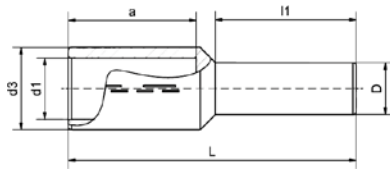
typically used tools: „GENERAL CATALOG TOOLS”

hydraulic tool selection: **page: 144**

crimping dies: **page: 163-184**

H BRANCH

Cu - end pin



Cu-HCP tinned

DIN 46235
(pipe)

| mm ² | ID | Art.N. | mm | | | | | | kg (/100) | Pack |
|-----------------|----|-------------------|------|------|----|----|----|----|-----------|------|
| | | | d1 | d3 | D | L | l1 | a | | |
| 120 | 20 | ICD120B13V | 15,5 | 21 | 13 | 79 | 38 | 35 | 10,60 | 10 |
| 150 | 22 | ICD150B14V | 17 | 23,5 | 14 | 79 | 38 | 35 | 13,30 | 10 |
| 185 | 25 | ICD185B16V | 19 | 25,5 | 16 | 90 | 44 | 40 | 17,65 | 5 |
| 240 | 28 | ICD240B18V | 21,5 | 29 | 18 | 90 | 44 | 40 | 23,00 | 5 |

typically used tools: „GENERAL CATALOG TOOLS”



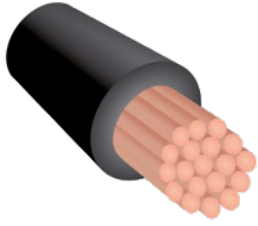
page: 139-141

hydraulic tool selection: **page: 144**

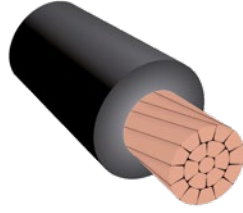
crimping dies: **page: 163-184**

! standard: DIN 46235

4 conductors



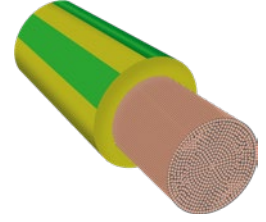
rigid conductor



compact rigid conductor



flexible conductor class 5



flexible compact conductor

1 system



+



=



i-crimping

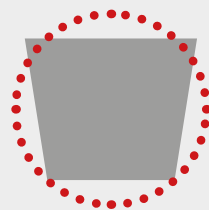
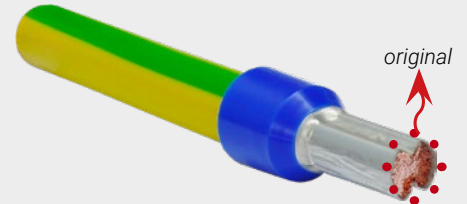
*i*ntelligent crimping



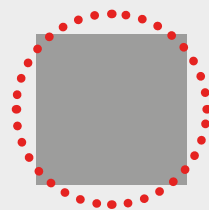
+



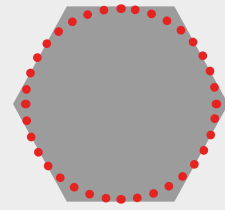
=



trapezoid



square



hexagonal

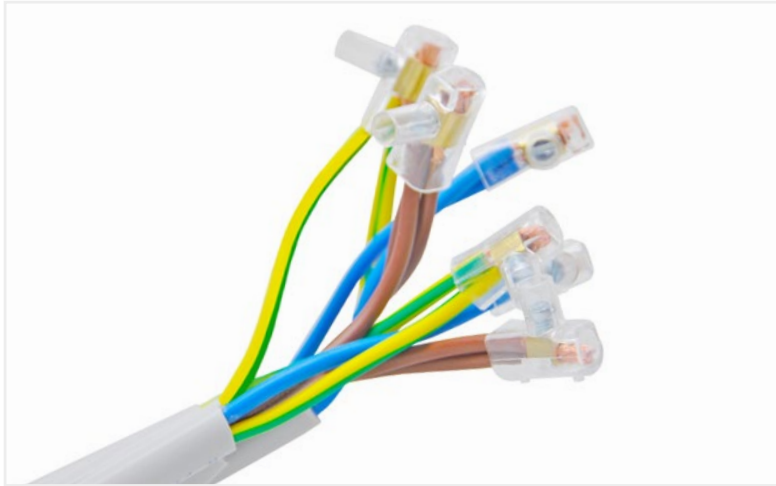


*i*ntelligent



TERMINAL BLOCKS

intercable



Easy separation between terminals



Easy separation of single poles, without material residue

MATERIALS

- Insulated body: self-extinguishing transparent polycarbonate
- Conductive case: brass CW 614 N
- Screws/dowels: zinc-plated steel

TECHNICAL SPECIFICATIONS

- Protection degree IP 20 (1,5 - 10 mm²)
- Protection degree IP 00 (16 - 70 mm²)
- High dielectric strength
- High resistance to tracking currents
- Inflammability grade according to UL 94-V2
- Heat resistance 130°C
- 850°C to glow wire test
- Threaded tightening

ADVANTAGES

- Transparent casing allows perfect visibility of connections
- Fast wire clipping thanks to conical shape casing
- Adaptable use with flexible, rigid and flexible conductors with ferrules
- Easy separation of single poles, without material residue, in the bar series
- In MVU50 MVU70 models, modular mounting with innovative patented coupling/decoupling system with tabs on each pole



SINGLE-POLE TERMINAL BLOCKS



Operating temperature: 85°C

Materials:

- transparent polycarbonate, UL94-V2, GWT 850°C
- cage insert: brass CW 614 N
- screws/dowels: zinc-plated steel

Standard

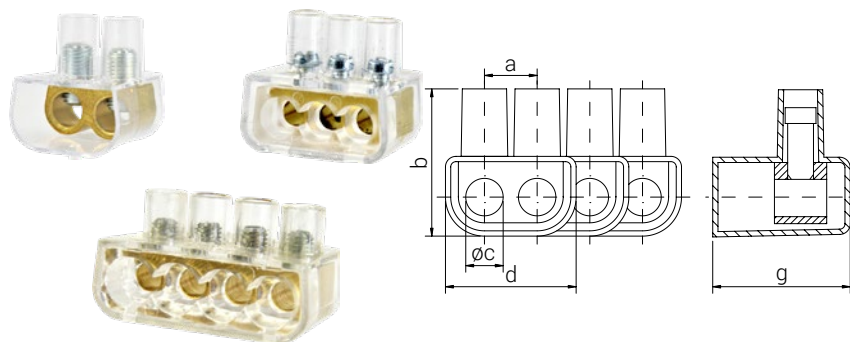
- EN 60998-1:2004
- EN 60998-2-1:2004



| Rated section [mm ²] | Order N. | Conductors Section [mm ²] | N° of conductors | | Rated Voltage [V] | Rated Current [A] | Degree of protection | N° poles per bar | Dimensions [mm] | | | | Pack |
|----------------------------------|-----------------|---------------------------------------|--------------------------|--------------------------|-------------------|-------------------|----------------------|------------------|-----------------|-----|------|------|--------|
| | | | Solid | Flexible | | | | | a | Øb | c | d | |
| 1,5 | MVU1.5 | 1,5 1 0,75 | 2 2 ÷ 3 2 ÷ 4 | 2 2 ÷ 3 2 ÷ 4 | 450 | 17,5 | IP 20 | 10 | 16 | 3,3 | 10 | 15 | 10/600 |
| 2,5 | * MVU2.5 | 2,5 1,5 1 | 2 2 ÷ 3 2 ÷ 4 | 2 2 ÷ 3 2 ÷ 4 | 450 | 24 | IP 20 | 10 | 17,6 | 3,7 | 8,4 | 17,6 | 10/600 |
| 4 | * MVU4 | 4 2,5 1,5 | 2 2 ÷ 3 2 ÷ 4 | 2 2 ÷ 3 2 ÷ 4 | 450 | 32 | IP 20 | 10 | 21 | 4,5 | 10,5 | 19,3 | 10/600 |
| 6 | * MVU6 | 6 4 2,5 | 2 2 ÷ 3 2 ÷ 4 | 2 2 2 ÷ 4 | 500 | 41 | IP 20 | 10 | 23 | 5,6 | 11,5 | 22,5 | 10/600 |
| 10 | * MVU10 | 10 6 4 | 2 2 ÷ 3 2 ÷ 4 | - 2 2 ÷ 3 | 500 | 57 | IP 20 | 10 | 28 | 6,9 | 14,6 | 26 | 5/200 |
| 16 | * MVU16 | 16 10 6 | 2 2 ÷ 3 2 ÷ 4 | - 2 2 ÷ 3 | 500 | 76 | IP 00 | 10 | 33 | 9 | 19,7 | 31 | 5/150 |
| 25 | * MVU25 | 25 16 10 | 2 2 ÷ 3 2 ÷ 4 | - 2 ÷ 3 2 ÷ 4 | 500 | 101 | IP 00 | 1 | 41 | 12 | 22 | 39 | 5/500 |
| 35 | * MVU35 | 35 25 16 | 2 2 ÷ 3 2 ÷ 4 | - 2 ÷ 3 2 ÷ 4 | 500 | 125 | IP 00 | 1 | 44 | 14 | 25 | 46 | 5/500 |
| 50 | * MVU50 | 50 35 25 16 | 2 2 ÷ 3 2 ÷ 4 - | - 2 2 ÷ 3 2 ÷ 4 | 750 | 150 | IP 00 | 1 | 63 | 7,7 | 28 | 44 | 1/2 |
| 70 | * MVU70 | 70 50 35 25 | 2 2 ÷ 3 2 ÷ 4 - | - 2 2 ÷ 3 2 ÷ 4 | 750 | 175 | IP 00 | 1 | 71 | 11 | 33 | 48 | 1/1 |



MULTIPLE SINGLE-POLE TERMINAL BLOCKS



Operating temperature: 85°C

Materials:

- transparent polycarbonate, UL94-V2, GWT 850°C
- cage insert: brass CW 614 N
- screws/dowels: zinc-plated steel

Standard

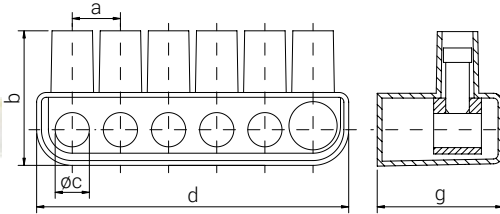
- EN 60998-1:2004
- EN 60998-2-1:2004



| Rated section [mm ²] | Order N. | N° max Conductors [mm ²] | Conductors Section [mm ²] | N° of conductors | | Rated Voltage [V] | Rated Current [A] | Degree of protection | Dimensions [mm] | | | | | Pack |
|----------------------------------|------------------|--------------------------------------|---------------------------------------|------------------|----------|-------------------|-------------------|----------------------|-----------------|-------|-----|------|-------|--------|
| | | | | Solid | Flexible | | | | a | b | Øc | d | e | |
| 1,5 | MVM1.5-2P | 2 x 1,5 | 1,5 | 1 | 1 | 450 | 17,5 | IP 20 | 4,5 | 13 | 3,1 | 12 | 15 | 20/200 |
| | | | 1 | 1/2 | 1/2 | | | | | | | | | |
| | | | 0,75 | 1/3 | 1/3 | | | | | | | | | |
| 6 | MVM6-2P | 2 x 6 | 6 | 1 | - | 450 | 41 | IP 20 | 6 | 16 | 3,7 | 15 | 18 | 20/200 |
| | | | 4 | 1/2 | 1 | | | | | | | | | |
| | | | 2,5 | 1/3 | 1/2 | | | | | | | | | |
| | | | 1,5 | - | 1/3 | | | | | | | | | |
| 16 | MVM16-2P | 2 x 16 | 16 | 1 | - | 500 | 76 | IP 20 | 8 | 25 | 5,5 | 20 | 22,5 | 10/100 |
| | | | 10 | 1/2 | 1 | | | | | | | | | |
| | | | 6 | 1/3 | 1/2 | | | | | | | | | |
| | | | 4 | - | 1/ | | | | | | | | | |
| 25 | MVM25-2P | 2 x 25 | 25 | 1 | - | 500 | 101 | IP 00 | 10 | 24,5 | 7 | 25 | 26 | 10/100 |
| | | | 16 | 1/2 | 1 | | | | | | | | | |
| | | | 10 | 1/3 | 1/2 | | | | | | | | | |
| | | | 6 | - | 1/3 | | | | | | | | | |
| 35 | MVM35-2P | 2 x 35 | 35 | 1 | - | 500 | 125 | IP 00 | 13 | 33 | 9 | 31,5 | 31 | 5/50 |
| | | | 25 | 1/2 | 1 | | | | | | | | | |
| | | | 16 | 1/3 | 1/2 | | | | | | | | | |
| | | | 10 | - | 1/3 | | | | | | | | | |
| 6 | MVM6-3P | 3 x 6 | 6 | 1 | - | 450 | 41 | IP 20 | 5 | 15,25 | 3,5 | 19,5 | 14 | 15/150 |
| | | | 4 | 1 | 1 | | | | | | | | | |
| | | | 2,5 | 1 | 1 | | | | | | | | | |
| | | | 1,5 | - | 1 | | | | | | | | | |
| 16 | MVM16-3P | 3 x 16 | 16 | 1 | - | 450 | 76 | IP 20 | 9 | 22 | 5,5 | 32,5 | 22,25 | 10/100 |
| | | | 10 | 1 | 1 | | | | | | | | | |
| | | | 6 | 1 | 1 | | | | | | | | | |
| | | | 4 | - | 1 | | | | | | | | | |
| 6 | MVM6-4P | 4 x 6 | 6 | 1 | - | 450 | 41 | IP 20 | 9 | 27 | 5,5 | 41,5 | 22,25 | 15/150 |
| | | | 4 | 1 | 1 | | | | | | | | | |
| | | | 2,5 | 1 | 1 | | | | | | | | | |
| | | | 1,5 | - | 1 | | | | | | | | | |
| 16 | MVM16-4P | 4 x 16 | 16 | 1 | - | 450 | 76 | IP20 | 9 | 22 | 5,5 | 41,5 | 22,25 | 8/80 |
| | | | 10 | 1 | 1 | | | | | | | | | |
| | | | 6 | 1 | 1 | | | | | | | | | |
| | | | 4 | - | 1 | | | | | | | | | |



MULTIPLE SINGLE-POLE TERMINAL BLOCKS

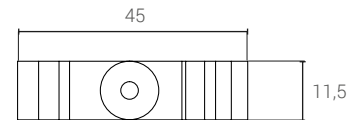
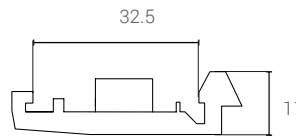


Operating temperature: 85°C
 Materials:
 • transparent polycarbonate, UL94-V2, GWT 850°C
 • cage insert: brass CW 614 N
 • screws/dowels: zinc-plated steel

Standard
 • EN 60998-1:2004
 • EN 60998-2-1:2004



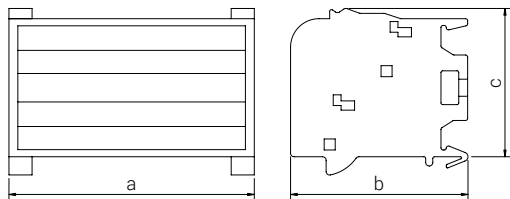
| Rated section [mm ²] | Order N. | N° max Conductors [mm ²] | Conductors Section [mm ²] | N° of conductors | | Rated Voltage [V] | Rated Current [A] | Degree of protection | Dimensions [mm] | | | | | Pack |
|----------------------------------|-------------------|--------------------------------------|---------------------------------------|------------------|---------------|-------------------|-------------------|----------------------|-----------------|----|-----|------|-------|------|
| | | | | Solid | Flexible | | | | a | b | Øc | d | e | |
| 6 | MVM106-6P | 5x6 | 6 4 2,5 | 1 1 1/2 | - 1 1 | 450 | 41 | IP20 | 7 | 27 | 5 | 46,5 | 22,5 | 5/50 |
| | | 1x10 | 10 6 4 | 1 1/2 1/4 | - 1 1/3 | | | | | | | | | |
| 16 | MVM2516-6P | 5x16 | 16 10 6 | 1 1 1 | - 1 1 | 450 | 76 | IP20 | 10 | 30 | 7,5 | 62 | 25,25 | 5/50 |
| | | 1x25 | 25 16 10 | 1 1 1 | - 1 1 | | | | | | | | | |



| Order N. | | Pack |
|--------------|--|--------|
| MVMSD | Clamping accessory on 35 mm DIN Rail (only on MVM106-6P; MVM2516-6P) | 10/100 |



TWO-POLE AND FOUR-POLE DISTRIBUTION TERMINAL BLOCKS



Operating temperature: 85°C
 Materials:
 • transparent polycarbonate, UL94-V2, GWT 850°C
 • cage insert: brass CW 614 N
 • screws/dowels: zinc-plated steel

Standard
 • EN 60998-1:2004
 • EN 60998-2-1:2004

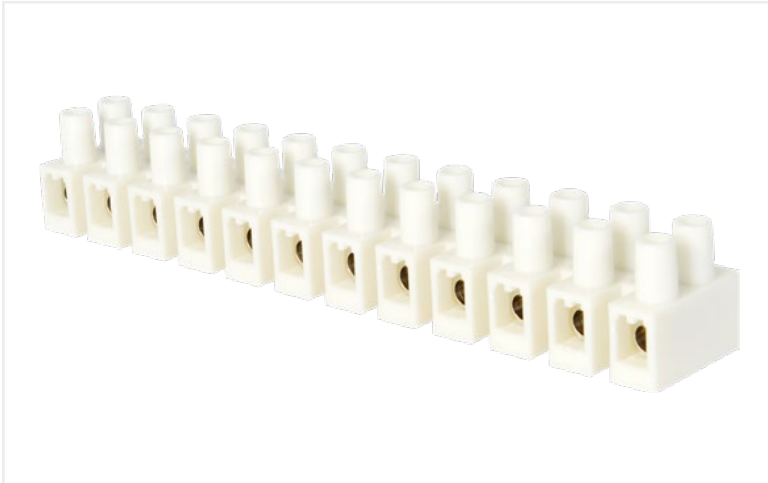


TWO-POLE DISTRIBUTION TERMINAL BLOCKS

| Conductor sections [mm ²] | | Order N. | N° holes per bar | Tightening torque [Nm] | N° modules | Capacity [A] | Ipk [kA] | Icw [kA] | Dimension [mm] | | | Pack |
|---------------------------------------|-------------------------------|-----------------|--------------------------------------|------------------------|------------|--------------|----------|----------|----------------|----|----|---------|
| with ferrule | without ferrule | | | | | | | | a | b | c | |
| 1,5 / 10 | 2,5 / 10 | MDB16-4M | 5 (Ø 6,5) | 2 | 4 | 63 | - | - | 70 | 48 | 50 | 10 |
| 1,5 / 6 6 / 16 | 2,5 / 6 10 / 25 | MDB25-4M | 5 (Ø 5,5) 2 (Ø 7,5) | 2 | 4 | 100 | 22 | 3 | 70 | 48 | 50 | 4 / 120 |
| 1,5 / 6 6 / 16 10 / 25 | 2,5 / 6 10 / 25 10 / 35 | MDB35-6M | 7 (Ø 5,5) 2 (Ø 7,5) 2 (Ø 9,0) | 2 | 6 | 125 | 19 | 4,2 | 107 | 48 | 50 | 3 / 90 |
| 1,5 / 6 6 / 16 10 / 25 | 2,5 / 6 10 / 25 10 / 35 | MDB35-8M | 11 (Ø 5,5) 2 (Ø 7,5) 2 (Ø 9,0) | 2 | 8 | 125 | 19 | 4,2 | 135 | 48 | 50 | 2/60 |

FOUR-POLE DISTRIBUTION TERMINAL BLOCKS

| Conductor sections [mm ²] | | Order N. | N° holes per bar | Tightening torque [Nm] | N° modules | Capacity [A] | Ipk [kA] | Icw [kA] | Dimension [mm] | | | Pack |
|---------------------------------------|--------------------------------|------------------|--------------------------------------|------------------------|------------|--------------|----------|----------|----------------|-----|----|--------|
| with ferrule | without ferrule | | | | | | | | a | b | c | |
| 1,5 / 6 6 / 16 | 2,5 / 6 10 / 25 | MDQ25-4M | 5 (Ø 5,5) 2 (Ø 7,5) | 2 | 4 | 100 | 22 | 3 | 71 | 104 | 52 | 2 / 60 |
| 1,5 / 6 6 / 16 10 / 25 | 2,5 / 6 10 / 25 10 / 35 | MDQ35-6M | 7 (Ø 5,5) 2 (Ø 7,5) 2 (Ø 9,0) | 2 | 6 | 125 | 19 | 4,2 | 108 | 104 | 52 | 1 / 30 |
| 1,5 / 6 6 / 16 10 / 25 | 2,5 / 6 10 / 25 10 / 35 | MDQ35-8M | 11 (Ø 5,5) 2 (Ø 7,5) 2 (Ø 9,0) | 2 | 8 | 125 | 19 | 4,2 | 137 | 104 | 52 | 1 / 30 |
| 1,5 / 6 10 / 25 10 / 35 | 2,5 / 16 10 / 35 10 / 50 | MDQ50-8M | 6 (Ø 6,5) 2 (Ø 8,5) 1 (Ø 11,0) | 2 2 4 | 8 | 160 | 28 | 6 | 134 | 134 | 52 | 1 / 30 |
| 1,5 / 6 10 / 25 10 / 35 | 2,5 / 6 10 / 35 10 / 50 | MDQ50-10M | 9 (Ø 6,5) 4 (Ø 8,5) 1 (Ø 11,0) | 2 2 4 | 10 | 160 | 28 | 6 | 184 | 95 | 52 | 1 / 25 |



With wire protection



Without wire protection

MATERIALS

- Insulated body: polypropylene (PP), polyamide (PA-V2), polyamide (PA-V0)
- Conductive case: brass CW 614 N
- Screws/dowels: zinc-plated steel

TECHNICAL SPECIFICATIONS

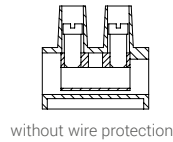
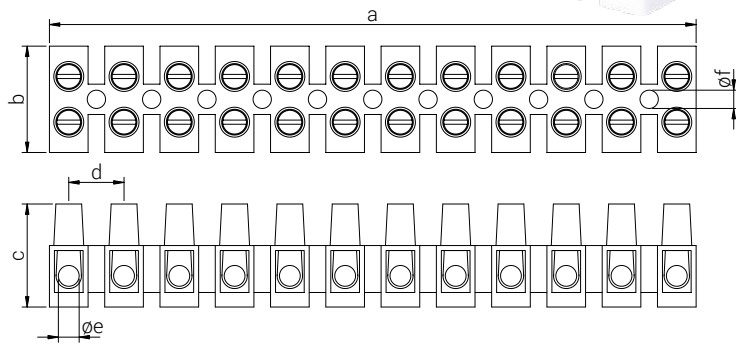
- Protection degree IP 20
- Operating temperature from 85°C to 140°C
- Inflammability grade according to UL 94-V2
- 850°C to glow wire test
- Version V0 - GTW a 750°C - EN 63335-1:2002 + A2:2006 (Par,30,2,3)
- IEC 60695-2-11
- Thin plate indirect clamping for the series in polyamide

ADVANTAGES

- High protection against oxidation, thanks to nickel-plated brass insert and zinc-plated clamping screw
- application flexibility with the possibility to choose different array of products, according the installation condition
- High strength against impacts even at low temperatures
- High strength against vibration and thanks to good material elasticity
- The precise positioning of the screw guarantee a clearance for an easy-entry of conductor



POLYPROPYLENE TERMINAL BLOCKS 12 ways-V2



without wire protection

Materials:

- polypropilene, UL94 V2, GWT 850°C
- cage insert: nickel plated brass
- captive screw: zinc plated steel

Standard:

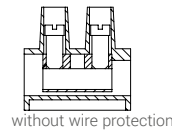
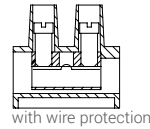
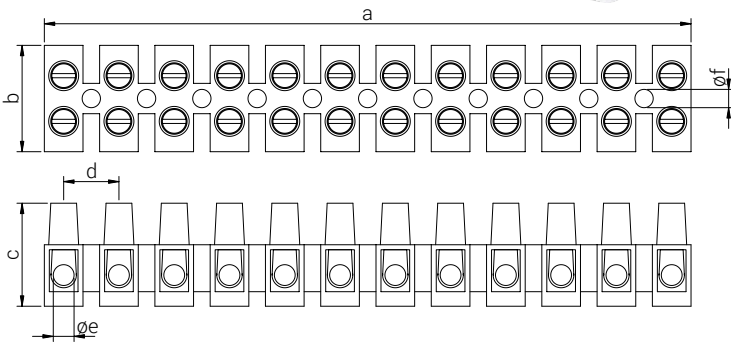
- DIN EN 60998-1 (VDE 0613 Teil 1)
- DIN EN 60998-2-1 (VDE 0613 Teil 2-1)
- UL 1059



| Rated section [mm ²] | Order N. | Version | Standard | Conductors section [mm ²] | Rated Voltage [V] | Rated Current [A] | Operating T° | Screw | Dimensions [mm] | | | | | | Pack |
|----------------------------------|------------------|-------------------------|-----------|---|-------------------|-------------------|---------------|-----------------|-----------------|------|------|------|-----|-----|------|
| | | | | | | | | | a | b | c | d | øe | øf | |
| 1,5 | *MP-PA8P | without wire protection | IEC UL | 0,75÷1,5 mm ² 22÷12 AWG Cu | 450 V 300 V | 17.5 A 20 A | 85°C 185°F | M2,6 (0,4Nm) | 94 | 17 | 14,3 | 8 | 2,8 | 3 | 50 |
| 2,5 | *MP-PA10P | without wire protection | IEC UL | 1÷2,5 mm ² 22÷10 AWG Sol Cu 14÷10 AWG Str Cu | 450 V 300 V | 24 A 30 A | 85°C 185°F | M3 (0,5Nm) | 117 | 20 | 16,4 | 10 | 3,4 | 4 | 50 |
| 6 | MP-PA12P | without wire protection | IEC | 2,5÷6 mm ² | 500 V | 41 A | 85°C | M3,5 (0,8N) | 140 | 23,8 | 19 | 12 | 4 | 4 | 40 |
| 10 | MP-PA14P | without wire protection | IEC | 4÷10 mm ² | 500 V | 57 A | 85°C | M4 (1,2Nm) | 158 | 25,6 | 25 | 13,5 | 5 | 4,4 | 25 |
| 16 | MP-PA16P | without wire protection | IEC | 6÷16 mm ² | 500 V | 76 A | 85°C | M4 (1,2Nm) | 169 | 28,0 | 23 | 14,5 | 6 | 4,0 | 10 |
| 25 | MP-PA18P | without wire protection | IEC | 10÷25 mm ² | 500 V | 101 A | 85°C | M5 (2,0Nm) | 194 | 36,9 | 19 | 16,5 | 7 | 4,0 | 10 |



POLYAMIDE TERMINAL BLOCKS 12 ways-V2



Materials:

- polyamide, UL94 V2, GWT 850°C
 - cage insert: nickel plated brass
 - captive screw: zinc plated steel
- Version with wire protection:
Stainless steel spring wire protector

Standard:

- DIN EN 60998-1 (VDE 0613 Teil 1)
- DIN EN 60998-2-1 (VDE 0613 Teil 2-1)
- UL 1059

PA6.6 V2



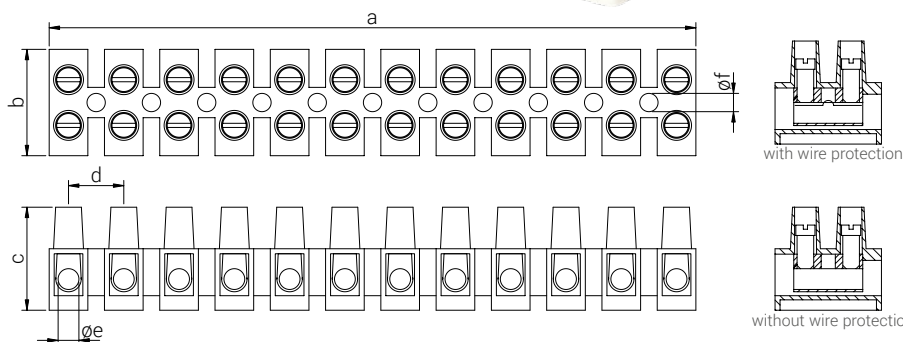
| Rated section [mm ²] | Order N. | Version | Standard | Conductors section [mm ²] | Rated Voltage [V] | Rated Current [A] | Operating T° | Screw | Dimensions [mm] | | | | | | Pack |
|----------------------------------|-------------|-------------------------|-----------|---|-------------------|-------------------|------------------------|-----------------|-----------------|------|------|------|-----|-----|------|
| | | | | | | | | | a | b | c | d | øe | øf | |
| 1,5 | * MN-PA8 | without wire protection | IEC UL | 0,75÷1,5 mm ² 22÷12 AWG Cu | 450 V 300 V | 17,5 A 20 A | 110°C 105°C (221°F) | M2,6 (0,4Nm) | 94 | 17 | 14,3 | 8 | 2,8 | 2,9 | 50 |
| | * MN-PA8DS | with wire protection | | | | | | | | | | | | | 50 |
| 2,5 | * MN-PA10 | without wire protection | IEC UL | 1÷2,5 mm ² 22÷10 AWG Sol Cu 14÷10 AWG Str Cu | 450 V 300 V | 24 A 30 A | 110°C 105°C (221°F) | M3 (0,5Nm) | 117 | 20 | 16,4 | 10 | 3,8 | 3,6 | 50 |
| | * MN-PA10DS | with wire protection | | | | | | | | | | | | | 50 |
| 6 | MN-PA12 | without wire protection | IEC UL | 2,5÷6 mm ² 22÷10 AWG Cu | 500 V 300 V | 41 A 35 A | 110°C 105°C (221°F) | M3 (0,8Nm) | 140 | 23,8 | 19 | 12 | 4,2 | 3,9 | 40 |
| | MN-PA12DS | with wire protection | | | | | | | | | | | | | 40 |
| 10 | MN-PA14 | without wire protection | IEC UL | 4÷10 mm ² 20÷8 AWG Cu | 500 V 300 V | 57 A 50 A | 110°C 105°C (221°F) | M4 (1,2Nm) | 158 | 25,6 | 25 | 13,5 | 5 | 4,4 | 25 |
| | MN-PA14DS | with wire protection | | | | | | | | | | | | | 25 |

*UR homologation



POLYAMIDE TERMINAL BLOCKS 12 ways-V0

GWT 750°C



Materials:

- polyamide, UL94 V0, GWT 850°C
 - cage insert: nickel plated brass
 - captive screw: zinc plated steel
- Version with wire protection:
Stainless steel spring wire protector

Standard:

- DIN EN 60998-1 (VDE 0613 Teil 1);
- DIN EN 60998-2-1 (VDE 0613 Teil 2-1)
- UL 1059
- EN 63335 (30.2.3) GWT 750°C
- IEC 60695-2-11

PA6.6 V0



| Rated section [mm ²] | Order N. | Version | Standard | Conductors section [mm ²] | Rated Voltage [V] | Rated Current [A] | Operating T° | Screw | Dimensions [mm] | | | | | | Pack |
|----------------------------------|---------------------|-------------------------|-----------|---|-------------------|-------------------|------------------------|-----------------|-----------------|------|------|------|-----|-----|------|
| | | | | | | | | | a | b | c | d | Øe | Øf | |
| 1,5 | * MN-PA8G | without wire protection | IEC UL | 0,75÷1,5 mm ² 22÷12 AWG Cu | 450 V 300 V | 17,5 A 20 A | 140°C 105°C (221°F) | M2,6 (0,4Nm) | 94 | 17 | 14,3 | 8 | 2,8 | 2,9 | 50 |
| | * MN-PA8GDS | with wire protection | | | | | | | | | | | | | 50 |
| 2,5 | * MN-PA10G | without wire protection | IEC UL | 1÷2,5 mm ² 22÷10 AWG Sol Cu 14÷10 AWG Str Cu | 450 V 300 V | 24 A 30 A | 140°C 105°C (221°F) | M3 (0,5Nm) | 117 | 20 | 16,4 | 10 | 3,8 | 3,6 | 50 |
| | * MN-PA10GDS | with wire protection | | | | | | | | | | | | | 50 |
| 6 | MN-PA12G | without wire protection | IEC UL | 2,5÷6 mm ² 22÷10 AWG Cu | 500 V 300 V | 41 A 35 A | 140°C 105°C (221°F) | M3 (0,8Nm) | 140 | 23,8 | 19 | 12 | 4,2 | 3,9 | 40 |
| | MN-PA12GDS | with wire protection | | | | | | | | | | | | | 40 |
| 10 | MN-PA14G | without wire protection | IEC UL | 4÷10 mm ² 20÷8 AWG Cu | 500 V 300 V | 57 A 50 A | 140°C 105°C (221°F) | M4 (1,2Nm) | 158 | 25,6 | 25 | 13,5 | 5 | 4,4 | 25 |
| | MN-PA14GDS | with wire protection | | | | | | | | | | | | | 25 |

*UR homologation



MATERIALS

- Insulated body: Porcelain
- Cage inserts: Nickel-plated brass
- Screws: zinc-plated steel

TECHNICAL SPECIFICATIONS

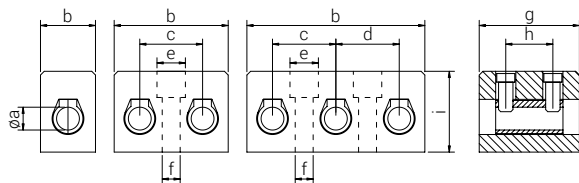
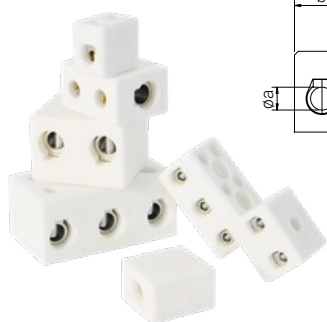
- Operating temperature max 350°C
- 960°C to glow wire test according to EN 60695-2-11

ADVANTAGES

- High protection against oxidation, thanks to nickel-plated brass insert and zinc-plated clamping screw
- application flexibility with the possibility to choose different array of products, according the installation condition
- High strength against impacts even at low temperatures
- Use for making electrical connections with copper conductors in installations and appliances working in high temperature conditions



PORCELAIN TERMINALS BLOCKS



Heat resistance up to: 800 °C insulating case, 350°C

Materials:

- body: porcelain
- cage insert: zinc-plated brass
- screws: zinc-plated steel

Standard

- EN 60998-1:2004
- EN 60998-2-1:2004



| Conductor Sections [mm ²] | | Order N. | N.° poli N. poles | Rated Current [A] | Rated Voltage [V] | Tightening Torque [Nm] | Dimension [mm] | | | | | | | | | Pack |
|---------------------------------------|---------|----------------|----------------------|-------------------|-------------------|------------------------|----------------|------|------|------|-----|-----|----|----|------|------|
| Flexible | Solid | | | | | | Øa | b | c | d | e | f | g | h | i | |
| 1,5 ÷ 4 | 1,5 ÷ 4 | MC4-1P | 1 | 32 | 450 | 0,4 | 3 | 10 | - | - | - | - | 18 | 6 | 17 | 200 |
| 1,5 ÷ 4 | 1,5 ÷ 4 | MC4-2P | 2 | 32 | 450 | 0,4 | 3 | 21,5 | 11,5 | 11,5 | 6,9 | 4,6 | 18 | 6 | 17 | 100 |
| 1,5 ÷ 4 | 1,5 ÷ 4 | MC4-3P | 3 | 32 | 450 | 0,4 | 3 | 33 | 11,5 | 11,5 | 6,9 | 4,6 | 18 | 6 | 17 | 50 |
| 2,5 ÷ 4 | 2,5 ÷ 6 | MC6-1P | 1 | 41 | 450 | 0,5 | 3,5 | 11 | - | - | - | - | 20 | 7 | 17,5 | 150 |
| 2,5 ÷ 4 | 2,5 ÷ 6 | MC6-2P | 2 | 41 | 450 | 0,5 | 3,5 | 23,5 | 12,5 | 12,5 | 7,5 | 4,5 | 20 | 7 | 17,5 | 75 |
| 2,5 ÷ 4 | 2,5 ÷ 6 | MC6-3P | 3 | 41 | 450 | 0,5 | 3,5 | 36 | 12,5 | 12,5 | 7,5 | 4,5 | 20 | 7 | 17,5 | 50 |
| 4 ÷ 6 | 4 ÷ 10 | MC10-1P | 1 | 57 | 450 | 0,8 | 4,4 | 12 | - | - | - | - | 22 | 8 | 18 | 125 |
| 4 ÷ 6 | 4 ÷ 10 | MC10-2P | 2 | 57 | 450 | 0,8 | 4,4 | 26 | 14 | 14 | 8,5 | 5 | 22 | 8 | 18 | 60 |
| 4 ÷ 6 | 4 ÷ 10 | MC10-3P | 3 | 57 | 450 | 0,8 | 4,4 | 40 | 14 | 14 | 8,5 | 5 | 22 | 8 | 18 | 40 |
| 4 ÷ 10 | 6 ÷ 16 | MC16-1P | 1 | 76 | 450 | 1,2 | 6 | 16 | - | - | - | - | 30 | 10 | 23 | 75 |
| 4 ÷ 10 | 6 ÷ 16 | MC16-2P | 2 | 76 | 450 | 1,2 | 6 | 34 | 17,5 | 17,5 | 9 | 5 | 30 | 10 | 23 | 25 |
| 4 ÷ 10 | 6 ÷ 16 | MC16-3P | 3 | 76 | 450 | 1,2 | 6 | 52 | 17,5 | 17,5 | 9 | 5 | 30 | 10 | 23 | 25 |



CABLE GLANDS

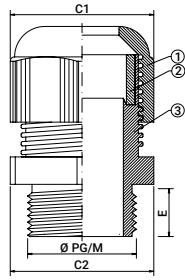
intercable



CABLE GLANDS

POLYAMIDE PA6 CABLE GLANDS - IP68

High Performance



Degree of protection: IP68 - 5 bar

Material:

• ①/③ polyamide PA6 (self extinguished UL94-V2)

• ② sealing: neoprene 70 shore A

Operating temperature: -40°C ÷ 100°C

Colour: grey RAL7035



METRIC THREAD

| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|----------|-------------|-----------------------|------|--------|---------|---------|------|
| | | min. | max. | | | | |
| PN68M12H | M12 x 1,5 | 2,5 | 6,5 | 8 | 15 | 15 | 50 |
| PN68M16H | M16 x 1,5 | 3,5 | 10 | 10 | 22 | 22 | 50 |
| PN68M20H | M20 x 1,5 | 5 | 12 | 10 | 24 | 24 | 50 |
| PN68M25H | M25 x 1,5 | 9 | 18 | 10 | 33 | 33 | 25 |
| PN68M32H | M32 x 1,5 | 14 | 25 | 10 | 42 | 42 | 20 |
| PN68M40H | M40 x 1,5 | 18 | 32 | 10 | 53 | 53 | 10 |
| PN68M50H | M50 x 1,5 | 24 | 38,5 | 12 | 60 | 60 | 5 |
| PN68M63H | M63 x 1,5 | 35 | 48 | 12 | 70 | 70 | 5 |

METRIC THREAD with reduction sealing insert

| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|-----------|-------------|-----------------------|------|--------|---------|---------|------|
| | | min. | max. | | | | |
| PN68M12HR | M12 x 1,5 | 1,5 | 5 | 8 | 15 | 15 | 50 |
| PN68M16HR | M16 x 1,5 | 2 | 7 | 10 | 22 | 22 | 50 |
| PN68M20HR | M20 x 1,5 | 3 | 9 | 10 | 24 | 24 | 50 |
| PN68M25HR | M25 x 1,5 | 7 | 16 | 10 | 33 | 33 | 25 |
| PN68M32HR | M32 x 1,5 | 11 | 21 | 10 | 42 | 42 | 20 |
| PN68M40HR | M40 x 1,5 | 13 | 26 | 10 | 53 | 53 | 10 |
| PN68M50HR | M50 x 1,5 | 17 | 31 | 12 | 60 | 60 | 5 |
| PN68M63HR | M63 x 1,5 | 26 | 39 | 12 | 70 | 70 | 5 |

METRIC THREAD with long thread

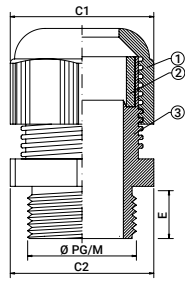
| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|-----------|-------------|-----------------------|------|--------|---------|---------|------|
| | | min. | max. | | | | |
| PN68M12HL | M12 x 1,5 | 2,5 | 6,5 | 15 | 15 | 15 | 50 |
| PN68M16HL | M16 x 1,5 | 3,5 | 10 | 15 | 22 | 22 | 50 |
| PN68M20HL | M20 x 1,5 | 5 | 12 | 15 | 24 | 24 | 50 |
| PN68M25HL | M25 x 1,5 | 9 | 18 | 15 | 33 | 33 | 25 |
| PN68M32HL | M32 x 1,5 | 14 | 25 | 15 | 42 | 42 | 20 |
| PN68M40HL | M40 x 1,5 | 18 | 32 | 16 | 53 | 53 | 10 |
| PN68M50HL | M50 x 1,5 | 24 | 38,5 | 16 | 60 | 60 | 5 |
| PN68M63HL | M63 x 1,5 | 35 | 48 | 16 | 70 | 70 | 5 |

Available in black colour RAL9005: add N after the type.



POLYAMIDE PA6 CABLE GLANDS - IP68

High Performance



Degree of protection: IP68 - 5 bar
 Material:
 • ①/③ polyamide PA6 (self extinguished UL94-V2)
 • ② sealing: neoprene 70 shore A
 Operating temperature: -40°C ÷ 100°C
 Colour: grey RAL7035



PG

| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|-----------|-------------|-----------------------|------|--------|---------|---------|------|
| | | min. | max. | | | | |
| PN68PG7H | PG7 | 2,5 | 6,5 | 8 | 15 | 15 | 50 |
| PN68PG9H | PG9 | 2,5 | 8 | 8 | 19 | 19 | 50 |
| PN68PG11H | PG11 | 3,5 | 10 | 8 | 22 | 22 | 50 |
| PN68PG13H | PG13,5 | 5 | 12 | 9 | 24 | 24 | 50 |
| PN68PG16H | PG16 | 7 | 14 | 10 | 27 | 27 | 50 |
| PN68PG21H | PG21 | 9 | 18 | 11 | 33 | 33 | 25 |
| PN68PG29H | PG29 | 14 | 25 | 11 | 42 | 42 | 20 |
| PN68PG36H | PG36 | 18 | 32 | 13 | 53 | 53 | 10 |
| PN68PG42H | PG42 | 24 | 38,5 | 13 | 60 | 60 | 5 |
| PN68PG48H | PG48 | 35 | 48 | 14 | 70 | 70 | 5 |

PG THREAD with reduction sealing insert

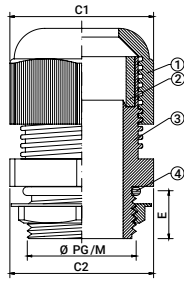
| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|------------|-------------|-----------------------|------|--------|---------|---------|------|
| | | min. | max. | | | | |
| PN68PG7HR | PG7 | 1,5 | 5 | 8 | 15 | 15 | 50 |
| PN68PG9HR | PG9 | 1,5 | 6 | 8 | 19 | 19 | 50 |
| PN68PG11HR | PG11 | 2 | 7 | 8 | 22 | 22 | 50 |
| PN68PG13HR | PG13,5 | 3 | 9 | 9 | 24 | 24 | 50 |
| PN68PG16HR | PG16 | 5 | 12 | 10 | 27 | 27 | 50 |
| PN68PG21HR | PG21 | 7 | 16 | 11 | 33 | 33 | 25 |
| PN68PG29HR | PG29 | 11 | 21 | 11 | 42 | 42 | 20 |
| PN68PG36HR | PG36 | 13 | 26 | 13 | 53 | 53 | 10 |
| PN68PG42HR | PG42 | 17 | 31 | 13 | 60 | 60 | 5 |
| PN68PG48HR | PG48 | 26 | 39 | 14 | 70 | 70 | 5 |

Available in black colour RAL9005: add N after the type



CABLE GLANDS

POLYAMIDE 6.6 CABLE GLANDS - IP68 with locknut



Degree of protection: IP68

Material:

- ①/③ polyamide PA66 (self extinguished UL94-V2)

- ② sealing: nitrile rubber NBR 70 shore A

- ④ o-ring: nitrile rubber NBR 70 shore A

Operating temperature: -40°C ÷ 90°C

Colour: grey RAL7035



METRIC THREAD

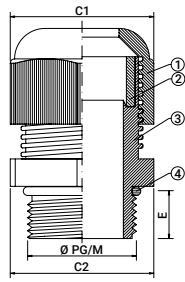
| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|-----------------|-------------|-----------------------|------|--------|---------|---------|--------|
| | | min. | max. | | | | |
| PN68M12D | M12 x 1,5 | 3 | 6,5 | 9 | 16 | 16 | 10/100 |
| PN68M16D | M16 x 1,5 | 4 | 8 | 9 | 19 | 19 | 10/100 |
| PN68M20D | M20 x 1,5 | 6 | 11 | 10 | 24 | 24 | 10/50 |
| PN68M25D | M25 x 1,5 | 11 | 18 | 12 | 33 | 33 | 10/50 |
| PN68M32D | M32 x 1,5 | 16 | 21 | 12 | 36 | 36 | 10/50 |
| PN68M40D | M40 x 1,5 | 20 | 27 | 15 | 45 | 45 | 5/25 |
| PN68M50D | M50 x 1,5 | 28 | 38 | 18 | 60 | 60 | 5/25 |
| PN68M63D | M63 x 1,5 | 37 | 43 | 18 | 68 | 68 | 5 |

PG

| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|------------------|-------------|-----------------------|------|--------|---------|---------|--------|
| | | min. | max. | | | | |
| PN68PG7D | PG7 | 3 | 6,5 | 9 | 16 | 16 | 10/100 |
| PN68PG9D | PG9 | 4 | 8 | 9 | 19 | 19 | 10/100 |
| PN68PG11D | PG11 | 5 | 10 | 9 | 21 | 21 | 10/100 |
| PN68PG13D | PG13,5 | 6 | 11 | 10 | 24 | 24 | 10/50 |
| PN68PG16D | PG16 | 10 | 13 | 10 | 26 | 26 | 10/50 |
| PN68PG21D | PG21 | 11 | 18 | 12 | 33 | 33 | 10/50 |
| PN68PG29D | PG29 | 18 | 25 | 12 | 42 | 42 | 10/50 |
| PN68PG36D | PG36 | 22 | 31 | 16 | 52 | 52 | 5/10 |
| PN68PG42D | PG42 | 28 | 38 | 18 | 60 | 60 | 5 |
| PN68PG48D | PG48 | 37 | 43 | 18 | 68 | 68 | 5 |



POLYAMIDE 6.6 CABLE GLANDS - IP68



Degree of protection: IP68

Material:

• ①/③ polyamide PA66 (self extinguished UL94-V2)

• ② sealing: nitrile rubber NBR 70 shore A

• ④ o-ring: nitrile rubber NBR 70 shore A

Operating temperature: -40°C ÷ 90°C

Colour: grey RAL7035



METRIC THREAD

| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|----------------|-------------|-----------------------|------|--------|---------|---------|------|
| | | min. | max. | | | | |
| PN68M12 | M12 x 1,5 | 3 | 6,5 | 9 | 16 | 16 | 50 |
| PN68M16 | M16 x 1,5 | 4 | 8 | 9 | 19 | 19 | 50 |
| PN68M20 | M20 x 1,5 | 6 | 11 | 10 | 24 | 24 | 50 |
| PN68M25 | M25 x 1,5 | 11 | 18 | 12 | 33 | 33 | 25 |
| PN68M32 | M32 x 1,5 | 16 | 21 | 12 | 36 | 36 | 20 |
| PN68M40 | M40 x 1,5 | 20 | 27 | 15 | 45 | 45 | 10 |
| PN68M50 | M50 x 1,5 | 28 | 38 | 18 | 60 | 60 | 5 |
| PN68M63 | M63 x 1,5 | 37 | 43 | 18 | 68 | 68 | 5 |

PG

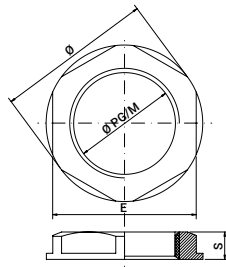
| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|-----------------|-------------|-----------------------|------|--------|---------|---------|------|
| | | min. | max. | | | | |
| PN68PG7 | PG7 | 3 | 6,5 | 9 | 16 | 16 | 50 |
| PN68PG9 | PG9 | 4 | 8 | 9 | 19 | 19 | 50 |
| PN68PG11 | PG11 | 5 | 10 | 9 | 21 | 21 | 50 |
| PN68PG13 | PG13,5 | 6 | 11 | 10 | 24 | 24 | 50 |
| PN68PG16 | PG16 | 10 | 13 | 10 | 26 | 26 | 50 |
| PN68PG21 | PG21 | 11 | 18 | 12 | 33 | 33 | 25 |
| PN68PG29 | PG29 | 18 | 25 | 12 | 42 | 42 | 20 |
| PN68PG36 | PG36 | 22 | 31 | 16 | 52 | 52 | 10 |
| PN68PG42 | PG42 | 28 | 38 | 18 | 60 | 60 | 5 |
| PN68PG48 | PG48 | 37 | 43 | 18 | 68 | 68 | 5 |

Available in black colour RAL9005: add N after the type



CABLE GLANDS

POLYAMIDE 6.6 LOCKNUT PG THREAD



Material:
 • polyamide PA66 (self extinguished UL94-V2)
 Operating temperature: -40°C + 90°C
 Colour: grey 7035



METRIC THREAD

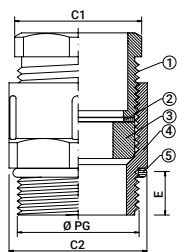
| Type | Thread size | E [mm] | S [mm] | Ø [mm] | Pack |
|--------------|-------------|-----------|-----------|-----------|------|
| DNM12 | M12 x 1,5 | 17 | 5 | 19 | 100 |
| DNM16 | M16 x 1,5 | 22 | 5 | 26 | 100 |
| DNM20 | M20 x 1,5 | 26 | 6 | 29 | 100 |
| DNM25 | M25 x 1,5 | 33 | 6 | 36 | 100 |
| DNM32 | M32 x 1,5 | 41 | 7 | 45 | 50 |
| DNM40 | M40 x 1,5 | 49 | 7 | 53 | 25 |
| DNM50 | M50 x 1,5 | 60 | 9 | 67 | 25 |
| DNM63 | M63 x 1,5 | 74 | 9 | 81 | 10 |

PG

| Type | Thread size | E [mm] | S [mm] | Ø [mm] | Pack |
|---------------|-------------|-----------|-----------|-----------|------|
| DNPG7 | PG7 | 19 | 5 | 21 | 100 |
| DNPG9 | PG9 | 22 | 5 | 24 | 100 |
| DNPG11 | PG11 | 24 | 5 | 26 | 100 |
| DNPG13 | PG13,5 | 27 | 6 | 30 | 100 |
| DNPG16 | PG16 | 30 | 6 | 33 | 100 |
| DNPG21 | PG21 | 36 | 7 | 39 | 50 |
| DNPG29 | PG29 | 46 | 7 | 50 | 50 |
| DNPG36 | PG36 | 56 | 8 | 62 | 25 |
| DNPG42 | PG42 | 65 | 8 | 72 | 25 |
| DNPG48 | PG48 | 69 | 9 | 76 | 10 |



POLYAMIDE 6.6 CABLE GLANDS PG THREAD - IP54



Degree of protection: IP54

Material:

- ①/④ polyamide PA6.6 (self extinguished UL94-V2)
 - ③ sealing: Nitrile rubber NBR 70 shore A
 - ② trust ring: galvanized steel
 - ⑤ o-ring: nitrile rubber NBR 70 shore A
- Operating temperature: -40°C ÷ 90°C
Colour: grey RAL7035

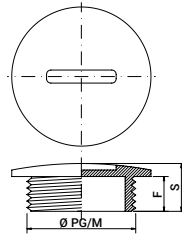


| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|-----------------|-------------|-----------------------|------|-----------|------------|------------|------|
| | | min. | max. | | | | |
| PN54PG7 | PG7 | 4,5 | 5,5 | 8 | 12 | 15 | 50 |
| PN54PG9 | PG9 | 5 | 6,5 | 8 | 16 | 19 | 50 |
| PN54PG11 | PG11 | 6 | 8,5 | 8 | 19 | 22 | 50 |
| PN54PG13 | PG13,5 | 8,5 | 10 | 9 | 21 | 24 | 50 |
| PN54PG16 | PG16 | 10,5 | 13 | 11 | 22 | 27 | 50 |
| PN54PG21 | PG21 | 11 | 16 | 11 | 29 | 32 | 25 |
| PN54PG29 | PG29 | 20 | 25 | 11 | 39 | 42 | 10 |
| PN54PG36 | PG36 | 26 | 31 | 13 | 49 | 52 | 10 |
| PN54PG42 | PG42 | 35 | 39 | 13 | 54 | 59 | 5 |
| PN54PG48 | PG48 | 40 | 44 | 14 | 59 | 65 | 5 |



CABLE GLANDS

POLYAMIDE PA6.6 THREADED PLUGS



Material:
 • polyamide+glassfiber (self extinguished UL94 V2)
 Operating temperature: -30°C + 120°C
 Colour: grey RAL7035



METRIC / METRIC THREAD

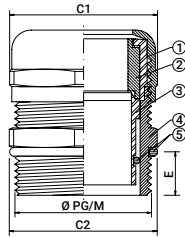
| Type | Thread size | Ø [mm] | F [mm] | S [mm] | Pack |
|--------------|-------------|-----------|-----------|-----------|------|
| TNM12 | M12 x 1,5 | 16,0 | 6,0 | 8,0 | 100 |
| TNM16 | M16 x 1,5 | 20,0 | 6,0 | 8,0 | 100 |
| TNM20 | M20 x 1,5 | 26,0 | 8,0 | 10,5 | 100 |
| TNM25 | M25 x 1,5 | 32,0 | 8,0 | 11,0 | 100 |
| TNM32 | M32 x 1,5 | 40,0 | 10,0 | 13,5 | 40 |
| TNM40 | M40 x 1,5 | 48,0 | 10,0 | 14,0 | 20 |
| TNM50 | M50 x 1,5 | 55,0 | 12,0 | 17,0 | 20 |
| TNM63 | M63 x 1,5 | 70,0 | 12,0 | 18,0 | 10 |

PG

| Type | Thread size | Ø [mm] | F [mm] | S [mm] | Pack |
|---------------|-------------|-----------|-----------|-----------|------|
| TNPG7 | PG7 | 15,0 | 6,0 | 8,0 | 100 |
| TNPG9 | PG9 | 19,0 | 6,0 | 9,0 | 100 |
| TNPG11 | PG11 | 22,0 | 6,0 | 9,0 | 100 |
| TNPG13 | PG13,5 | 25,0 | 6,0 | 9,5 | 100 |
| TNPG16 | PG16 | 27,0 | 6,0 | 9,5 | 100 |
| TNPG21 | PG21 | 33,0 | 8,0 | 11,0 | 50 |
| TNPG29 | PG29 | 44,0 | 8,0 | 12,0 | 50 |
| TNPG36 | PG36 | 55,0 | 10,0 | 15,0 | 25 |
| TNPG42 | PG42 | 62,0 | 10,0 | 16,0 | 10 |
| TNPG48 | PG48 | 69,0 | 12,0 | 18,5 | 10 |



BRASS CABLE GLANDS NICKEL PLATED - IP68



Degree of protection: IP68

Material:

- ①/④ nickel-plated brass
 - ② sealing: nitrile rubber NBR 70 shore A
 - ③ clamping shell: polyamide PA6.6
 - ⑤ o-ring: Nitrile rubber NBR 70 shore A
- Operating temperature: -40°C ÷ 100°C



METRIC THREAD

| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|---------|-------------|-----------------------|------|-----------|------------|------------|------|
| | | min. | max. | | | | |
| PO68M12 | M12 x 1,5 | 3 | 6,5 | 6 | 14 | 14 | 50 |
| PO68M16 | M16 x 1,5 | 4 | 8 | 7 | 18 | 18 | 50 |
| PO68M20 | M20 x 1,5 | 7 | 11 | 8 | 22 | 22 | 50 |
| PO68M25 | M25 x 1,5 | 9 | 15 | 9 | 24 | 27 | 50 |
| PO68M32 | M32 x 1,5 | 15 | 20 | 11 | 34 | 34 | 25 |
| PO68M40 | M40 x 1,5 | 20 | 26 | 12 | 45 | 45 | 10 |
| PO68M50 | M50 x 1,5 | 30 | 37 | 10 | 58 | 58 | 5 |
| PO68M63 | M63 x 1,5 | 34 | 44 | 13 | 64 | 68 | 5 |

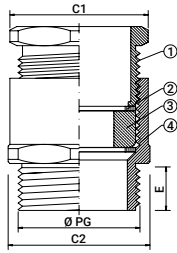
PG

| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|----------|-------------|-----------------------|------|-----------|------------|------------|------|
| | | min. | max. | | | | |
| PO68PG7 | PG7 | 3 | 6,5 | 6 | 14 | 14 | 100 |
| PO68PG9 | PG9 | 4 | 8 | 7 | 18 | 18 | 50 |
| PO68PG11 | PG11 | 6,5 | 9 | 8 | 20 | 20 | 50 |
| PO68PG13 | PG13,5 | 7 | 11 | 9 | 22 | 22 | 50 |
| PO68PG16 | PG16 | 9 | 15 | 9 | 24 | 24 | 50 |
| PO68PG21 | PG21 | 11 | 17 | 9 | 30 | 30 | 50 |
| PO68PG29 | PG29 | 18 | 24 | 10 | 40 | 40 | 25 |
| PO68PG36 | PG36 | 24 | 32 | 10 | 50 | 50 | 10 |
| PO68PG42 | PG42 | 30 | 37 | 14 | 58 | 58 | 5 |
| PO68PG48 | PG48 | 34 | 44 | 12 | 64 | 64 | 5 |



CABLE GLANDS

BRASS CABLE GLANDS NICKEL PLATED PG THREAD - IP54



Degree of protection: IP54

Material:

- ①/④ nickel-plated brass
 - ③ sealing: nitrile rubber NBR 70 shore A
 - ② trust rings: galvanized steel
- Operating temperature: -40°C ÷ 100°C



| Type | Thread size | Clamping range Ø [mm] | | E [mm] | C1 [mm] | C2 [mm] | Pack |
|-----------------|-------------|-----------------------|------|-----------|------------|------------|------|
| | | min. | max. | | | | |
| PO54PG7 | PG7 | 5 | 7 | 5 | 13 | 14 | 100 |
| PO54PG9 | PG9 | 6 | 8 | 6 | 15 | 17 | 50 |
| PO54PG11 | PG11 | 8 | 10 | 6 | 18 | 20 | 50 |
| PO54PG13 | PG13,5 | 10 | 12 | 6,5 | 20 | 22 | 50 |
| PO54PG16 | PG16 | 12 | 14 | 6,5 | 22 | 24 | 25 |
| PO54PG21 | PG21 | 15 | 17 | 7 | 28 | 30 | 25 |
| PO54PG29 | PG29 | 24 | 26 | 8 | 37 | 40 | 10 |
| PO54PG36 | PG36 | 31 | 33 | 9 | 47 | 50 | 10 |
| PO54PG42 | PG42 | 39 | 41 | 10 | 54 | 57 | 5 |
| PO54PG48 | PG48 | 44 | 46 | 10 | 60 | 64 | 5 |

GENERAL INFO

Recommended tightening torques

| Nominal size „M“ | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 |
|---------------------|-----|-----|-----|-----|-----|-----|----|----|
| High performance | 1 | 1,5 | 2,6 | 4 | 4,5 | 14 | 14 | 14 |
| Polyamide | 1,5 | 2 | 3,5 | 3,5 | 3,5 | 7,5 | 10 | 12 |
| Nickel-plated brass | 3 | 5 | 6 | 6 | 7 | 9 | 12 | 12 |

| Nominal size „PG“ | 7 | 9 | 11 | 13 | 16 | 21 | 29 | 36 | 42 | 48 |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| High performance | 1 | 1,5 | 2,6 | 2,6 | 2,6 | 4 | 4,5 | 14 | 14 | 14 |
| Polyamide | 1,5 | 2 | 2 | 3,5 | 3,5 | 3,5 | 3,5 | 7,5 | 10 | 12 |
| Nickel-plated brass | 3 | 5 | 6 | 6 | 6 | 7 | 9 | 9 | 12 | 12 |

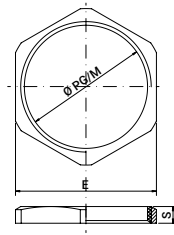
Recommended installation clearance holes

| Nominal size „M“ | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 |
|-------------------|----|----|----|----|----|------|------|------|
| Clearance Ø in mm | 12 | 16 | 20 | 25 | 32 | 40,1 | 50,1 | 63,1 |

| Nominal size „PG“ | 7 | 9 | 11 | 13 | 16 | 21 | 29 | 36 | 42 | 48 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Clearance Ø in mm | 12,8 | 15,5 | 18,8 | 20,9 | 22,8 | 28,6 | 37,4 | 47,2 | 54,2 | 59,5 |



NICKEL-PLATED BRASS LOCKNUTS



Material:
 • nickel-plated brass
 Operating temperature: -40°C ÷ 100°C



METRIC THREAD

| Type | Thread size | E [mm] | S [mm] | Pack |
|--------------|-------------|-----------|-----------|------|
| DOM12 | M12 x 1,5 | 15 | 3 | 100 |
| DOM16 | M16 x 1,5 | 19 | 2,8 | 100 |
| DOM20 | M20 x 1,5 | 24 | 3,5 | 100 |
| DOM25 | M25 x 1,5 | 30 | 3,5 | 50 |
| DOM32 | M32 x 1,5 | 35 | 4,5 | 20 |
| DOM40 | M40 x 1,5 | 45 | 4,5 | 10 |
| DOM50 | M50 x 1,5 | 55 | 5,5 | 10 |
| DOM63 | M63 x 1,5 | 70 | 6 | 5 |

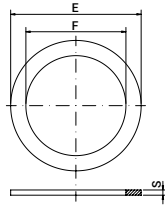
PG

| Type | Thread size | E [mm] | S [mm] | Pack |
|----------------|-------------|-----------|-----------|------|
| DOPG7 | PG7 | 15 | 2,9 | 100 |
| DOTPG9 | PG9 | 18 | 2,9 | 100 |
| DOTPG11 | PG11 | 21 | 2,9 | 100 |
| DOTPG13 | PG13,5 | 23 | 3,1 | 100 |
| DOTPG16 | PG16 | 26 | 3,1 | 100 |
| DOTPG21 | PG21 | 32 | 3,6 | 100 |
| DOTPG29 | PG29 | 41 | 4,1 | 100 |
| DOTPG36 | PG36 | 51 | 5,1 | 10 |
| DOTPG42 | PG42 | 60 | 5,1 | 10 |
| DOTPG48 | PG48 | 64 | 5,6 | 10 |



CABLE GLANDS

FLAT SEALING



Material:
 • neoprene 70 shore A
 Operating temperature: -40°C ÷ 100°C

METRIC / METRIC THREAD

| Type | Thread size | E [mm] | F [mm] | S [mm] | Pack |
|---------------|-------------|-----------|-----------|-----------|------|
| GPAM12 | M12 x 1,5 | 15,0 | 10,0 | 1,2 | 100 |
| GPAM16 | M16 x 1,5 | 20,0 | 13,9 | 1,2 | 100 |
| GPAM20 | M20 x 1,5 | 24,0 | 18,0 | 1,2 | 100 |
| GPAM25 | M25 x 1,5 | 30,0 | 23,0 | 1,2 | 100 |
| GPAM32 | M32 x 1,5 | 40,0 | 30,0 | 1,5 | 100 |
| GPAM40 | M40 x 1,5 | 48,0 | 38,0 | 1,5 | 100 |
| GPAM50 | M50 x 1,5 | 58,0 | 48,0 | 1,5 | 100 |
| GPAM63 | M63 x 1,5 | 75,0 | 61,0 | 1,5 | 100 |

PG

| Type | Thread size | E [mm] | F [mm] | S [mm] | Pack |
|----------------|-------------|-----------|-----------|-----------|------|
| GPAPG7 | PG7 | 17,0 | 11,3 | 1,2 | 100 |
| GPAPG9 | PG9 | 20,0 | 13,9 | 1,2 | 100 |
| GPAPG11 | PG11 | 23,0 | 17,1 | 1,2 | 100 |
| GPAPG13 | PG13,5 | 25,0 | 19,0 | 1,2 | 100 |
| GPAPG16 | PG16 | 27,0 | 21,0 | 1,2 | 100 |
| GPAPG21 | PG21 | 34,0 | 26,6 | 1,5 | 100 |
| GPAPG29 | PG29 | 45,0 | 35,2 | 1,5 | 100 |
| GPAPG36 | PG36 | 56,0 | 45,2 | 1,5 | 100 |
| GPAPG42 | PG42 | 67,0 | 52,2 | 1,5 | 100 |
| GPAPG48 | PG48 | 72,0 | 57,7 | 1,5 | 100 |



SHRINKING TUBES

intercable

SHRINKING TUBES

Minibox 2:1 black, Type: W 135B



Material: polyolefin, black color, shrinking ratio 2:1
thin-walled
flame-protected (low smoke at burning)

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | M in box |
|---------------|------------------|-----------------|-----------------|--|----------|
| | before shrinking | after shrinking | | | |
| 3/64 | 1,2 | 0,6 | ICC65047 | 0,41 | 15 |
| 1/16 | 1,6 | 0,8 | ICC65050 | 0,43 | 15 |
| 3/32 | 2,4 | 1,2 | ICC65053 | 0,51 | 15 |
| 1/8 | 3,2 | 1,6 | ICC65056 | 0,51 | 15 |
| 3/16 | 4,8 | 2,4 | ICC65059 | 0,51 | 10 |
| 1/4 | 6,4 | 3,2 | ICC65062 | 0,64 | 10 |
| 3/8 | 9,5 | 4,8 | ICC65065 | 0,64 | 10 |
| 1/2 | 12,7 | 6,4 | ICC65068 | 0,64 | 5 |
| 3/4 | 19,1 | 9,6 | ICC65071 | 0,77 | 5 |
| 1 | 25,4 | 12,7 | ICC65074 | 0,89 | 5 |

Minibox 2:1 green/yellow, Type: W 135B gr/ye



Material: polyolefin, green/yellow color, shrinking ratio 2:1
thin-walled
flame-protected (low smoke at burning)

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | M in box |
|---------------|------------------|-----------------|-----------------|--|----------|
| | before shrinking | after shrinking | | | |
| 3/64 | 1,2 | 0,6 | ICC65447 | 0,41 | 15 |
| 1/16 | 1,6 | 0,8 | ICC65450 | 0,43 | 15 |
| 3/32 | 2,4 | 1,2 | ICC65453 | 0,51 | 15 |
| 1/8 | 3,2 | 1,6 | ICC65456 | 0,51 | 15 |
| 3/16 | 4,8 | 2,4 | ICC65459 | 0,51 | 10 |
| 1/4 | 6,4 | 3,2 | ICC65462 | 0,64 | 10 |
| 3/8 | 9,5 | 4,8 | ICC65465 | 0,64 | 10 |
| 1/2 | 12,7 | 6,4 | ICC65468 | 0,64 | 5 |
| 3/4 | 19,1 | 9,6 | ICC65471 | 0,77 | 5 |
| 1 | 25,4 | 12,7 | ICC65474 | 0,89 | 5 |

2:1 black, Type: W 135B



Material: polyolefin, black color, shrinking ratio 2:1
thin-walled
flame-protected (low smoke at burning)

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | Packing unit m / reel |
|---------------|------------------|-----------------|-----------------|--|--------------------------|
| | before shrinking | after shrinking | | | |
| 1/16 | 1,6 | 0,8 | ICC65001 | 0,4 | 150 |
| 3/32 | 2,4 | 1,2 | ICC65003 | 0,5 | 150 |
| 1/8 | 3,2 | 1,6 | ICC65006 | 0,5 | 150 |
| 3/16 | 4,8 | 2,4 | ICC65009 | 0,5 | 75 |
| 1/4 | 6,4 | 3,2 | ICC65012 | 0,6 | 75 |
| 3/8 | 9,5 | 4,8 | ICC65015 | 0,6 | 75 |
| 1/2 | 12,7 | 6,4 | ICC65018 | 0,6 | 50 |
| 3/4 | 19 | 9,5 | ICC65021 | 0,8 | 30 |
| 1 | 25,4 | 12,7 | ICC65024 | 0,9 | 30 |
| 1¼ | 31,8 | 15,9 | ICC65027 | 0,9 | 30 |
| 1½ | 38 | 19 | ICC65030 | 1,0 | 30 |

2:1 transparent, Type: W 135 tr



Material: polyolefin, transparent, shrinking ratio 2:1
thin-walled

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | Packing unit m / reel |
|---------------|------------------|-----------------|-----------------|--|--------------------------|
| | before shrinking | after shrinking | | | |
| 1/16 | 1,6 | 0,8 | ICC65701 | 0,4 | 150 |
| 3/32 | 2,4 | 1,2 | ICC65703 | 0,5 | 150 |
| 1/8 | 3,2 | 1,6 | ICC65706 | 0,5 | 150 |
| 3/16 | 4,8 | 2,4 | ICC65709 | 0,5 | 75 |
| 1/4 | 6,4 | 3,2 | ICC65712 | 0,6 | 75 |
| 3/8 | 9,5 | 4,8 | ICC65715 | 0,6 | 75 |
| 1/2 | 12,7 | 6,4 | ICC65718 | 0,6 | 50 |
| 3/4 | 19 | 9,5 | ICC65721 | 0,8 | 30 |
| 1 | 25,4 | 12,7 | ICC65724 | 0,9 | 30 |
| 1¼ | 31,8 | 15,9 | ICC65727 | 0,9 | 30 |
| 1½ | 38 | 19 | ICC65730 | 1 | 30 |

SHRINKING TUBES

3:1 black, Type: W 135



Material: polyolefin, black color, shrinking ratio 3:1
thin-walled
flame-protected (low smoke at burning)

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | Packing unit m / reel |
|---------------|------------------|-----------------|----------|--|--------------------------|
| | before shrinking | after shrinking | | | |
| 1/8 | 3,2 | 1 | ICC65106 | 0,55 | 150 |
| 1/4 | 6,4 | 2 | ICC65112 | 0,65 | 75 |
| 3/8 | 9,5 | 3 | ICC65115 | 0,75 | 75 |
| 1/2 | 12,7 | 4 | ICC65118 | 0,75 | 50 |
| 3/4 | 19 | 6 | ICC65121 | 0,85 | 30 |
| 1 | 25,4 | 8 | ICC65124 | 1 | 30 |
| 1½ | 39 | 13 | ICC65130 | 1,15 | 30 |

3:1 black, Type: WKS



Material: polyolefin, black color, shrinking ratio 3:1
thin-walled
flame-protected (only outside layer), with adhesive

| Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | carton / pcs pcs x 1,22 m |
|------------------|-----------------|-----------------|--|------------------------------|
| before shrinking | after shrinking | | | |
| 6 | 2 | ICC65212 | 1,2 | 1/10 |
| 9 | 3 | ICC65215 | 1,4 | 1/10 |
| 12 | 4 | ICC65218 | 1,7 | 1/10 |
| 19 | 6 | ICC65221 | 2,1 | 1/10 |
| 24 | 8 | ICC65224 | 2,4 | 1/10 |
| 40 | 13 | ICC65227 | 2,4 | 1/10 |

3:1 black, Type: WDW



Material: polyolefin, black color, shrinking ratio 3:1
thick-walled
not flame-protected, with adhesive

| Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | carton / pcs pcs x 1,22 m |
|------------------|-----------------|------------------|--|------------------------------|
| before shrinking | after shrinking | | | |
| 13 | 4,1 | ICC65318 | 2,4 | 1/75 |
| 19,1 | 6,1 | ICC65321 | 2,4 | 1/75 |
| 27,9 | 8,9 | ICC65324 | 3 | 1/75 |
| 38,1 | 11,9 | ICC65325 | 4,1 | 1/40 |
| 50,8 | 16 | ICC65327 | 4,1 | 1/25 |
| 68,1 | 22,1 | ICC65330 | 4,1 | 1/15 |
| 89,9 | 30 | ICC65333* | 4,1 | 1/10 |
| 119,9 | 39,9 | ICC65336* | 4,3 | 1/5 |

3:1 green/yellow, Type: W 135



DEF
STAN
59/97

Material: polyolefin, green/yellow color, shrinking ratio 3:1
thin-walled
flame-protected (low smoke at burning)

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | carton / pcs pcs x 1,22 m |
|---------------|------------------|-----------------|-----------------|--|------------------------------|
| | before shrinking | after shrinking | | | |
| 1/8 | 3,2 | 1 | ICC65406 | 0,55 | 1/25 |
| 1/4 | 6,4 | 2 | ICC65412 | 0,65 | 1/10 |
| 3/8 | 9,5 | 3 | ICC65415 | 0,75 | 1/10 |
| 1/2 | 12,7 | 4 | ICC65418 | 0,75 | 1/10 |
| 3/4 | 19 | 6 | ICC65421 | 0,85 | 1/10 |
| 1 | 25,4 | 8 | ICC65424 | 1 | 1/10 |

3:1 blue, Type: W 135



Material: polyolefin, blue color, shrinking ratio 3:1
thin-walled
flame-protected (low smoke at burning)

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | carton / pcs pcs x 1,22 m |
|---------------|------------------|-----------------|-----------------|--|------------------------------|
| | before shrinking | after shrinking | | | |
| 1/8 | 3,2 | 1 | ICC65506 | 0,55 | 1/25 |
| 1/4 | 6,4 | 2 | ICC65512 | 0,65 | 1/10 |
| 3/8 | 9,5 | 3 | ICC65515 | 0,75 | 1/10 |
| 1/2 | 12,7 | 4 | ICC65518 | 0,75 | 1/10 |
| 3/4 | 19 | 6 | ICC65521 | 0,85 | 1/10 |
| 1 | 25,4 | 8 | ICC65524 | 1 | 1/10 |

SHRINKING TUBES

2:1 black, Type: WHF



DEF
STAN
59/97

Material: polyolefin, black color, shrinking ratio 2:1
flame-protected (low smoke at burning)

| Size (inches) | Inner Ø (mm) | | Art. N. | Wall thickness (mm) after shrinking | Packing unit m / reel |
|---------------|------------------|-----------------|-----------------|--|--------------------------|
| | before shrinking | after shrinking | | | |
| 1/8 | 3,2 | 1,6 | ICC65606 | 0,51 | 300 |
| 3/16 | 4,8 | 2,4 | ICC65609 | 0,51 | 300 |
| 1/4 | 6,4 | 3,2 | ICC65612 | 0,64 | 300 |
| 3/8 | 9,5 | 4,8 | ICC65615 | 0,64 | 150 |
| 1/2 | 12,7 | 6,4 | ICC65618 | 0,64 | 100 |
| 3/4 | 19 | 9,5 | ICC65621 | 0,76 | 50 |
| 1 | 25,4 | 12,7 | ICC65624 | 0,89 | 50 |
| 1½ | 38 | 19 | ICC65630 | 1,02 | 50 |

Selection Box



Assortment box made of high quality plastic, filled with colored
shrink tubing sections of sizes 1.2 / 0.6 mm - 12.7 / 6.4 mm
in the colors black, red, yellow, blue and white.
For exact content see following table.

Continuous operating temperature: -55 ° C to + 125 ° C
Minimum shrinking temperature: + 110 ° C

| Nr. | Size (inches) | Inner Ø (mm) | | Wall thickness (mm) after shrinking | Long mm | Pcs | Color |
|-----------------|------------------|------------------|-----------------|--|------------|---------|---------------------------------|
| | | before shrinking | after shrinking | | | | |
| 1 | 3/64 | 1,2 | 0,6 | 0,4 | 40 | each 25 | black, yellow, white, red, blue |
| 2 | 1/16 | 1,6 | 0,8 | 0,4 | 40 | each 25 | black, yellow, white, red, blue |
| 3 | 3/32 | 2,4 | 1,2 | 0,5 | 40 | each 25 | black, yellow, white, red, blue |
| 4 | 1/8 | 3,2 | 1,6 | 0,5 | 40 | each 20 | black, yellow, red, blue |
| 5 | 3/16 | 4,8 | 2,4 | 0,5 | 40 | each 10 | black, yellow, red, blue |
| 6 | 1/4 | 6,4 | 3,2 | 0,6 | 40 | each 5 | black, yellow, red, blue |
| 7 | 3/64 | 1,2 | 0,6 | 0,4 | 250 | 5 | blue |
| | 1/16 | 1,6 | 0,8 | 0,4 | 250 | 5 | red |
| | 1/8 | 3,2 | 1,6 | 0,5 | 250 | 5 | blue |
| | 3/16 | 4,8 | 2,4 | 0,5 | 250 | 5 | yellow |
| | 1/4 | 6,4 | 3,2 | 0,6 | 250 | 5 | black |
| | 3/8 | 9,5 | 4,8 | 0,6 | 250 | 3 | black |
| 8 | 3/8 | 9,5 | 4,8 | 0,6 | 125 | each 4 | yellow, red, blue |
| 9 | 1/2 | 12,7 | 6,4 | 0,6 | 125 | each 3 | yellow, red, blue |
| Art. N.: | | | | | | | ICC90859 |



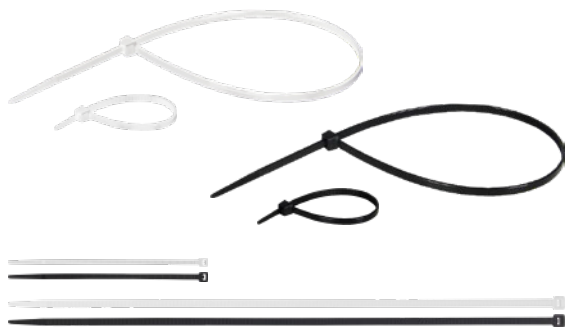
CABLE TIES

intercable



CABLE TIES

POLYAMIDE PA6.6 CABLE TIES



Material: Polyamide PA6.6
 Self extinguishing: UL94-V2
 Operating temperature: -40°C ÷ + 85°C
 Installation temperature: -10°C

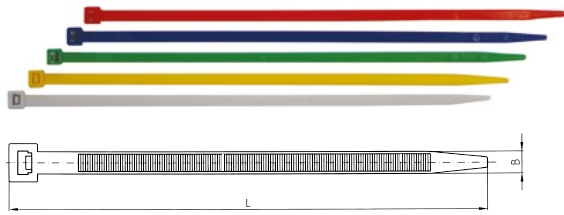
Good resistance to oils and greases, solvents, petroleum products.



| Natural Color | Black Color | Width [mm] | Length [mm] | Max. Bundle Ø [mm] | Min. loop tensile [kg] | Packaging |
|---------------|-------------|---------------|----------------|--------------------------|------------------------------|--------------|
| Order N.. | Order N. | | | | | |
| CTB2580 | CTN2580 | 2,5 | 80 | 14,0 | 8 | 5.000/50.000 |
| CTB2510 | CTN2510 | 2,5 | 100 | 20,5 | 8 | 5.000/50.000 |
| CTB2512 | CTN2512 | 2,5 | 120 | 27,0 | 8 | 5.000/25.000 |
| CTB2516 | CTN2516 | 2,5 | 160 | 39,8 | 8 | 5.000/25.000 |
| CTB2520 | CTN2520 | 2,5 | 200 | 52,5 | 8 | 2.500/25.000 |
| CTB3614 | CTN3614 | 3,6 | 140 | 33,0 | 18 | 2.500/25.000 |
| CTB3620 | CTN3620 | 3,6 | 200 | 52,5 | 18 | 2.500/20.000 |
| CTB3628 | CTN3628 | 3,6 | 280 | 78 | 18 | 2.500/10.000 |
| CTB3637 | CTN3637 | 3,6 | 370 | 106,0 | 18 | 2.000/10.000 |
| CTB4612 | CTN4612 | 4,6 | 120 | 23,8 | 22 | 2.500/20.000 |
| CTB4616 | CTN4616 | 4,6 | 160 | 36,6 | 22 | 2.000/10.000 |
| CTB4819 | CTN4819 | 4,8 | 190 | 46,0 | 22 | 2.000/10.000 |
| CTB4820 | CTN4820 | 4,8 | 200 | 49,5 | 22 | 2.000/10.000 |
| CTB4825 | CTN4825 | 4,8 | 250 | 65,0 | 22 | 1.500/10.500 |
| CTB4830 | CTN4830 | 4,8 | 300 | 81,0 | 22 | 1.500/10.500 |
| CTB4836 | CTN4836 | 4,6 | 360 | 100 | 22 | 1.000/5.000 |
| CTB4839 | CTN4839 | 4,8 | 390 | 110,0 | 22 | 1.000/5.000 |
| CTB4843 | CTN4843 | 4,8 | 430 | 122,5 | 22 | 1.000/5.000 |
| CTB7615 | CTN7615 | 7,6 | 150 | 35,0 | 55 | 1.000/5.000 |
| CTB7620 | CTN7620 | 7,6 | 200 | 50,9 | 55 | 1.000/5.000 |
| CTB7630 | CTN7630 | 7,6 | 300 | 82,8 | 55 | 1.000/5.000 |
| CTB7637 | CTN7637 | 7,6 | 370 | 103,5 | 55 | 500/5.000 |
| CTB7645 | CTN7645 | 7,6 | 450 | 130,5 | 55 | 100/2.500 |
| CTB7675 | CTN7675 | 7,6 | 750 | 226 | 55 | 100/1.000 |
| CTB9045 | CTN9045 | 9,0 | 450 | 130,5 | 80 | 100/2.500 |
| CTB9055 | CTN9055 | 9,0 | 550 | 163,5 | 80 | 100/1.000 |
| CTB9071 | CTN9071 | 9,0 | 710 | 213,3 | 80 | 100/1.000 |
| CTB9078 | CTN9078 | 9,0 | 780 | 235,5 | 80 | 100/1.000 |
| CTB9081 | CTN9081 | 9,0 | 810 | 245,0 | 80 | 100/1.000 |
| CTB9010 | CTN9010 | 9,0 | 1020 | 312,0 | 80 | 100/500 |
| CTB9012 | CTN9012 | 9,0 | 1220 | 340 | 80 | 100/500 |
| CTB9015 | CTN9015 | 9,0 | 1530 | 474,5 | 80 | 100/500 |



POLYAMIDE PA6.6 CABLE TIES IN VARIOUS COLOURS



Material: Polyamide 6.6, various colors, halogen-free
 Continuous service temperature: -40°C to + 85°C

| Length mm | Width mm | Colour | Order N. | Max. Bundle Ø | max. tensile strength Newton | Packing |
|-----------|----------|--------|-----------------|---------------|------------------------------|---------|
| 100 | 2,5 | red | ICC61602 | 24 | 100 | 100 |
| | | blue | ICC61604 | | | 100 |
| | | green | ICC61606 | | | 100 |
| | | yellow | ICC61608 | | | 100 |
| | | grey | ICC61610 | | | 100 |
| | | black | ICC61151 | | | 100 |
| 140 | 3,5 | natur | ICC61051 | 36 | 190 | 100 |
| | | red | ICC61612 | | | 100 |
| | | blue | ICC61614 | | | 100 |
| | | green | ICC61616 | | | 100 |
| | | yellow | ICC61618 | | | 100 |
| | | grey | ICC61620 | | | 100 |
| 200 | 4,5 | black | ICC61159 | 51 | 270 | 100 |
| | | natur | ICC61059 | | | 100 |
| | | red | ICC61622 | | | 100 |
| | | blue | ICC61624 | | | 100 |
| | | green | ICC61626 | | | 100 |
| | | yellow | ICC61628 | | | 100 |
| 280 | 4,5 | grey | ICC61630 | 76 | 270 | 100 |
| | | black | ICC61175 | | | 100 |
| | | natur | ICC61075 | | | 100 |
| | | red | ICC61632 | | | 100 |
| | | blue | ICC61634 | | | 100 |
| | | green | ICC61636 | | | 100 |
| | | yellow | ICC61638 | | | 100 |
| | | grey | ICC61640 | | | 100 |
| | | black | ICC61180 | | | 100 |
| | | natur | ICC61080 | | | 100 |
| | | | | | | |



CABLE TIES

POLYAMIDE PA6.6 CABLE TIES FOR EXTERNAL USE UV RESISTANT



Material: Polyamide PA6.6. UV resistant
 Self extinguish: UL94V-2
 Operating temperature: -40°C ÷ +85°C
 Installation temperature: -10°C

Weather resistance cable ties for outdoor use, high UV resistance.



| Order N. | Width [mm] | Length [mm] | Max. Bundle Ø [mm] | Min. loop tensile [kg] | Packaging |
|----------|------------|-------------|--------------------|------------------------|-----------|
| CTN9018 | 9,0 | 180 | 40,0 | 40 | 5.000 |
| CTN9026 | 9,0 | 265 | 62,0 | 55 | 2.500 |
| CTN9036 | 9,0 | 360 | 93,0 | 55 | 2.500 |

AISI 304 STAINLESS STEEL CABLE TIES



Material: AISI 304 stainless steel
 Operating temperature: -80°C ÷ +500°C

Good resistance to UV lights, oils, grease, solvents, petroleum products. Non-flammable.



| Order N. | Width [mm] | Length [mm] | Max. Bundle Ø [mm] | Min. loop tensile [kg] | Packaging |
|----------|------------|-------------|--------------------|------------------------|-----------|
| CTS4615 | 4,6 | 150 | 46,0 | 90 | 100/5.000 |
| CTS4620 | 4,6 | 200 | 61,9 | 90 | 100/5.000 |
| CTS4629 | 4,6 | 290 | 90,6 | 90 | 100/2.500 |
| CTS4636 | 4,6 | 360 | 112,8 | 90 | 100/2.500 |
| CTS4652 | 4,6 | 520 | 163,8 | 90 | 100/2.000 |
| CTS4668 | 4,6 | 680 | 214,8 | 90 | 100/1.000 |
| CTS7920 | 7,9 | 200 | 61,9 | 150 | 100/2.500 |
| CTS7929 | 7,9 | 290 | 90,6 | 150 | 100/2.000 |
| CTS7936 | 7,9 | 360 | 112,8 | 150 | 100/2.000 |
| CTS7952 | 7,9 | 520 | 163,8 | 150 | 100/1.000 |
| CTS7968 | 7,9 | 680 | 214,8 | 150 | 100/1.000 |
| CTS7984 | 7,9 | 840 | 265,7 | 150 | 100/1.000 |



POLYAMIDE PA6.6 RELEASABLE CABLE TIES



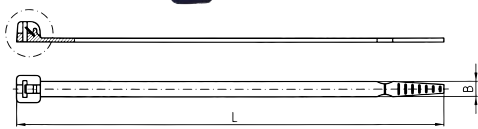
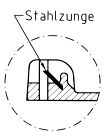
Material: Polyamide PA6.6
 Self extinguish: UL94V-2
 Operating temperature: -40°C ÷ +85°C
 Installation temperature: -10°C
 With trigger type releasable button

Good resistance to oils and greases, solvents, petroleum products.



| Order N. | Width [mm] | Length [mm] | Max. Bundle Ø [mm] | Min. loop tensile [kg] | Packaging |
|----------------|------------|-------------|--------------------|------------------------|-----------|
| CTR7615 | 7,6 | 150 | 40,3 | 22 | 100/5.000 |
| CTR7620 | 7,6 | 200 | 55,6 | 22 | 100/5.000 |
| CTR7630 | 7,6 | 300 | 88,1 | 22 | 100/5.000 |

CABLE TIES WITH STEE TONGUE ACC. TO DIN EN 50146 : 2000



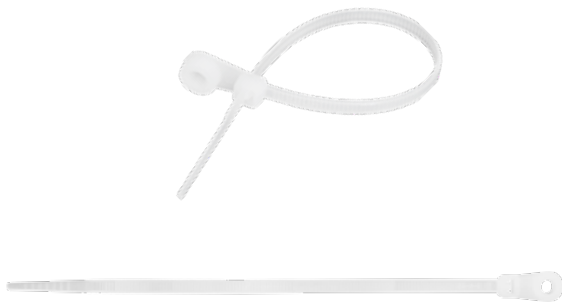
Material: Polyamide 6.6, steel tongue made of stainless steel, for high tensile strength, halogen-free
 Continuous service temperature: -40°C to + 85°C

| Length mm | Width mm | Order N. | Colour | Max. Bundle Ø | max. tensile strength Newton | Packing |
|-----------|----------|-----------------|--------|---------------|------------------------------|---------|
| 100 | 2,5 | ICC61251 | natur | 24 | 180 | 100 |
| 200 | | ICC61257 | | 55 | | 100 |
| 140 | 3,5 | ICC61259 | | 36 | 280 | 100 |
| 200 | | ICC61262 | | 55 | | 100 |
| 280 | | ICC61265 | | 80 | | 100 |
| 190 | 4,5 | ICC61275 | | 51 | 400 | 100 |
| 290 | | ICC61280 | | 76 | | 100 |
| 360 | | ICC61283 | | 101 | | 100 |
| 220 | 7,5 | ICC61291 | | 56 | 800 | 50 |
| 360 | | ICC61298 | | 101 | | 50 |
| 100 | 2,5 | ICC61351 | black | 24 | 180 | 100 |
| 200 | | ICC61357 | | 55 | | 100 |
| 140 | 3,5 | ICC61359 | | 36 | 280 | 100 |
| 200 | | ICC61362 | | 55 | | 100 |
| 280 | | ICC61365 | | 80 | | 100 |
| 200 | 4,5 | ICC61375 | | 51 | 400 | 100 |
| 290 | | ICC61380 | | 76 | | 100 |
| 360 | | ICC61383 | | 101 | | 100 |
| 220 | 7,5 | ICC61391 | | 56 | 800 | 50 |
| 360 | | ICC61398 | | 101 | | 50 |



CABLE TIES

POLYAMIDE PA6.6 CABLE TIES WITH MOUNT HEAD



Material: Polyamide PA6.6
 Self extinguishing: UL94-V2
 Operating temperature: -40°C ÷ + 85°C
 Installation temperature: -10°C
 With mount head

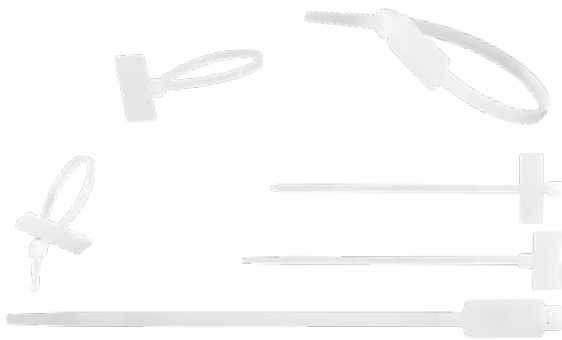
Good resistance to oils and greases, solvents, petroleum products.



| Order N. | Width [mm] | Length [mm] | Max. Bundle Ø [mm] | Min. loop tensile [kg] | Ø Fixing hole [mm] | Packaging |
|-----------------|---------------|----------------|--------------------------|------------------------------|-----------------------|------------|
| CTH2511* | 2,5 | 110 | 19,0 | 8 | 2,5 | 100/25.000 |
| CTH4820 | 4,8 | 200 | 49,5 | 22 | 5 | 100/10.000 |
| CTH7630 | 7,6 | 305 | 78,7 | 55 | 6 | 100/6.000 |

* UL Certification not available

POLYAMIDE PA6.6 MARKER CABLE TIES



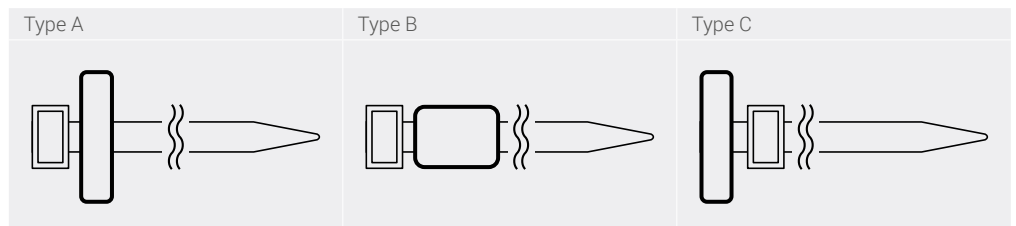
Material: Polyamide PA6.6
 Self extinguish: UL94V-2
 Operating temperature: -40°C ÷ +85°C
 Installation temperature: -10°C
 With marking plate

Good resistance to oils and greases, solvents, petroleum products.



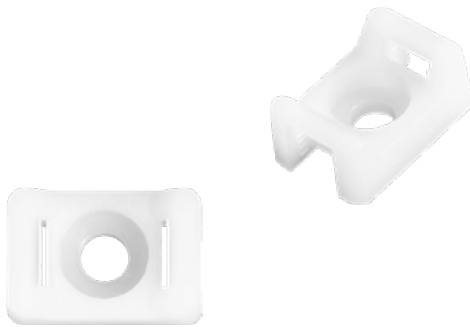
| Ref. | Type | Width [mm] | Length [mm] | Max. Bundle Ø [mm] | Min. loop tensile [kg] | Packaging |
|-----------------|------|---------------|----------------|--------------------------|------------------------------|--------------|
| CTT2510 | A | 2,5 | 100 | 22,0 | 8 | 1.000/25.000 |
| CTT2511* | C | 2,5 | 110 | 22,6 | 8 | 1.000/25.000 |
| CTT2520* | A | 2,5 | 200 | 53,9 | 8 | 1.000/20.000 |
| CTT1948* | B | 4,8 | 190 | 50,9 | 22 | 1.000/10.000 |
| CTT2748* | B | 4,8 | 270 | 74,8 | 22 | 1.000/5.000 |

* UL Certification not available





SCREW MOUNT



Material: Polyamide PA6.6
 Self extinguish: UL94V-2
 Operating temperature: -40°C ÷ +85°C
 Installation temperature: -10°C

Fixing support with screw for cable ties



| Order N. | Width [mm] | Length [mm] | Height [mm] | Fixing hole Ø [mm] | Max width cable ties [mm] | Packaging |
|-----------------|---------------|----------------|----------------|-----------------------|------------------------------|--------------|
| CTNS1595 | 15 | 9,5 | 6,8 | 3,3 | 4,8 | 1.000/20.000 |
| CTNS2216 | 22,0 | 16 | 9,6 | 5,2 | 7,6 | 1.000/10.000 |

CABLE TIES MOUNT



Material: Polyamide PA6.6
 Self extinguish: UL94V-2
 Operating temperature: -40°C ÷ +85°C
 Installation temperature: -10°C

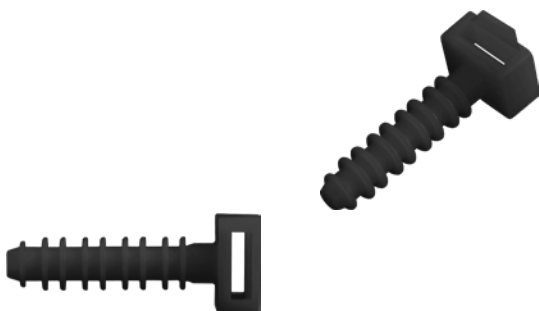
Adhesive and fixing with screw support for cable ties



| Natural Color | Black Color | Width [mm] | Length [mm] | For cable ties max. length [mm] | | Packaging |
|------------------|------------------|---------------|----------------|------------------------------------|----------|--------------|
| Order N. | Order N. | | | | | |
| CTB1919 | CTN1919 | 19,0 | 19 | 3,6 | Adhesive | 1.000/20.000 |
| CTB2828 | CTN2828 | 28,0 | 28 | 4,8 | Adhesive | 1.000/5.000 |
| CTBS2828* | CTNS2828* | 28,0 | 28 | 4,8 | - | 1.000/5.000 |

* UL Certification not available

CABLE TIES PLUG



Material: Polyamide PA6.6
 Self extinguish: UL94V-2
 Operating temperature: -40°C ÷ +85°C
 Installation temperature: -10°C



| Order N. | Diameter [mm] | Length [mm] | For cable ties max. length [mm] | Packaging |
|----------------|------------------|----------------|------------------------------------|-------------|
| CTN0908 | 8,1 | 38,1 | 7,6 | 1.000/5.000 |



CABLE TIES



Tool PTF1 for polyamide cable ties

| Code | Length | Weight |
|-------------|--------|--------|
| PTF1 | 165 mm | 0,3 kg |

Tool for nylon cable ties with a width up to 4.8 mm. It allows the clamping and cutting of cable ties in a single operation. The clamping force is continuously adjustable. Automatic cutting.



Tool PTF3 for polyamide cable ties

| Code | Length | Weight |
|-------------|--------|---------|
| PTF3 | 190 mm | 0,25 kg |

Tool for nylon cable ties with a width up to 9,0 mm. It allows the clamping and cutting of cable ties in a single operation.



Tool PTF7 for stainless steel cable ties

| Code | Length | Weight |
|-------------|--------|---------|
| PTF7 | 180 mm | 0,55 kg |

Suitable for stainless steel cable ties with a width of up to 8 mm and thickness up to 0.3 mm. It allows the clamping and cutting of cable ties in a single operation. The clamping force is continuously adjustable. Automatic cutting.

i'm connecting cables



secure
your
quality
electrical
work

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professional tools, intelligent solutions for safe electrical connections

| Order N. | page | Order N. | page | Order N. | page | Order N. | page |
|---------------|-------|---------------|-------|--------------|---------|------------|---------|
| BF-M.A | 14 | CTNS.... | 135 | ICALCU..CS | 84 | ICNI...G | 78 |
| BFR-M.A | 14 | CTR.... | 133 | ICALCU..CS2 | 84 | ICNI..V | 78 |
| BIBF-... | 19 | CTS.... | 132 | ICALCU..CS3 | 84 | ICQ.... | 30-32 |
| BIC-F | 22 | CTT-... | 70 | ICC...FH | 34 | ICQ...G | 33 |
| BIC-F.TI | 22 | CTT.... | 134 | ICC...FHR | 34 | ICQ...PV | 73 |
| BIC-M. | 22 | DAC... | 95 | ICC...FS | 34 | ICQ...PVL | 73 |
| BIC-M.TI | 22 | DNM.. | 116 | ICC...FSR | 35 | ICQ..ST | 33 |
| BIF-... | 16 | DNPG.. | 116 | ICC..FHA | 35 | ICR.... | 43-45 |
| BIF-...TI | 17 | DOM.. | 121 | ICC..FS.. | 36 | ICR....45 | 65 |
| BIM-... | 18 | DOTPG.. | 121 | ICC..IH | 35 | ICR....90 | 58-59 |
| BIMF-... | 19 | GAL...CA | 92 | ICC610.. | 131 | ICR....G | 76 |
| BO-M.A | 12 | GAL..PT | 94 | ICC611.. | 131 | ICR....S | 67 |
| BOR-M.A | 12 | GALM... | 90 | ICC612.. | 133 | ICR....SL | 43-45 |
| BP-..A | 15 | GALM.... | 90 | ICC613.. | 133 | ICR...OV | 75 |
| BPR-..A | 15 | GALMB... | 91 | ICC616.. | 131 | ICR..T | 75 |
| CALCU...M.. | 86 | GALMB..... | 91 | ICC65... | 124-128 | ICR...V | 71 |
| CALCU...M..A | 86 | GCU..PT | 94 | ICC90859 | 124 | ICS..... | 40-42 |
| CALCU...M..CA | 86 | GFR-M.A | 14 | ICD.... | 50-52 | ICS....90 | 56 |
| CALCU...P.. | 87 | GIC-F | 22 | ICD.....H | 97 | ICVA.... | 79 |
| CALCU...P..A | 87 | GIC-M. | 22 | ICD....90 | 62-63 | MBO.B... | 96 |
| CALCU...P.CA | 87 | GIF-... | 16 | ICD....D | 53 | MC...-P | 110 |
| CI...-M.. | 40-42 | GIF-...TI | 17 | ICD....DDL | 53 | MDB...-M | 104 |
| CI...-M..-45 | 64 | GIM-... | 18 | ICD....DL | 53 | MDQ...-M | 104 |
| CI...-M..-90 | 56-57 | GM... | 81 | ICD...B..V | 97 | MN-PA.. | 107 |
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REGIONAL SALES INFO and Warehouse:

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info@intercable-cee.com

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Intercable Tools Headquarter

Rienzfeldstrasse, 21

I-39031 Bruneck

www.intercable-tools.com