

# CRIMPING TOOLS

## IMPROVED INTERCHANGEABLE HEAD SYSTEM VERSION 2.0

With the interchangeable head system, a wide variety of applications can be carried out with only one device and in professional quality.

Hydrauliksystem  
**Genius** 2.0



### Three different applications with just one basic tool



- Crimping up to 300 mm<sup>2</sup>  
DIN compression cable lugs



- Cutting up to a ø of 50 mm  
(corresponds to 4 x 120 mm<sup>2</sup>)



- Punching up to an ISO 63 diameter or  
square punching 92 x 92 mm



Crimping pliers with interchangeable crimping profile inserts, fixed by a catch holder in the tool body, thus offering profile change in seconds without the aid of any other tools. Two further crimping profiles not currently in use are held captive in the two integral magazine holders for the legs of the pliers. Tool body is made of strong, specially tempered, hardened sheet steel, with leverage transfer for reduced use of manual force, adjustable ratchet mechanism with automatic release for standard-compliant crimping pressure, ergonomic 2-component handle sleeves, completely equipped with hardened precision crimping profile inserts. Weight including 3 crimping profile inserts only 690 g.



**click 'n' crimp sets**

click 'n' crimp is available in standard sets, consisting of the crimping pliers body and the three most commonly used crimping profile inserts for a particular application:

**click 'n' crimp ELECTRICAL ENGINEERING**

with crimping profile inserts CIMCO article no. 10 6010 (for insulated cable lugs from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup>), CIMCO article no. 10 6011 (for non-insulated cable lugs 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>) and CIMCO article no. 10 6012 (for wire end ferrules from 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>)

1	10 6000
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**click 'n' crimp AUTOMOTIVE**

with crimping profile inserts CIMCO article no. 10 6010 (for insulated cable lugs from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup>), CIMCO article no. 10 6011 (for non-insulated cable lugs 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>) and CIMCO article no. 10 6013 (for blade receptacles and blade terminals with open crimping ears from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup>)

1	10 6002
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**click 'n' crimp DATA NETWORK TECHNOLOGY**

with crimping profile inserts CIMCO article no. 10 6015 (for BNC/TNC coaxial plug connectors), CIMCO article no. 10 6017 (for unshielded 8-pole modular plugs) and CIMCO article no. 10 6019 (for shielded 8-pole modular plugs, CIMCO design and similar)

1	10 6009
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**click 'n' crimp SOLAR TECHNOLOGY**

with crimping profile inserts CIMCO article no. 10 6010 (for insulated cable lugs from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup>), CIMCO article no. 10 6027 (for solar plug connectors type MC 3 from 2.5 mm<sup>2</sup> to 6 mm<sup>2</sup>) and CIMCO article no. 10 6028 (for solar plug connectors type MC 4 from 2.5 mm<sup>2</sup> to 6 mm<sup>2</sup>)

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**click 'n' crimp crimping profile inserts**

click 'n' crimp can be assembled according to the user's individual requirements:

click 'n' crimp crimping pliers bodies without crimping profile inserts

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click 'n' crimp crimping profile inserts (in pairs, consisting of upper and lower profile jaw) for insulated cable lugs red – blue – yellow from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup> or AWG 22 to AWG 10, oval crimp (W)

IS	1 pair	10 6010
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for non-insulated cable lugs from 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup> or AWG 22 to AWG 8, indent crimp (N)

Q R	1 pair	10 6011
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for insulated and non-insulated wire end ferrules from 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup> respectively AWG 22 to AWG 8, trapezoid crimp (B)

ZAE AE	1 pair	10 6012
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for insulated and non-insulated wire end ferrules from 16 mm<sup>2</sup> to 35 mm<sup>2</sup> respectively AWG 5 to AWG 2, trapezoid-indent crimping (D2), optimised crimp shape; particularly suitable for thinned-out, finely-stranded conductors according to IEC 228

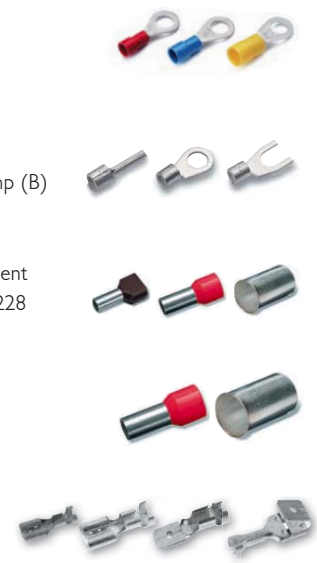
ZAE AE	1 pair	10 6014
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for insulated and non-insulated wire end ferrules 25 mm<sup>2</sup> and 50 mm<sup>2</sup>, trapezoid-indent crimping (D1), optimised crimp shape; particularly suitable for thinned-out, finely-stranded conductors according to IEC 228

ZAE AE	1 pair	10 6071
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for non-insulated blade terminal connectors and blade receptacles with open crimping ears from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup> resp. AWG 22 to AWG 10, roll crimp (C)

FL	1 pair	10 6013
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for BNC/TNC coaxial plug connectors RG 58, RG 59, RG 62 AU, RG 174, hexagonal crimping (A)  
(crimping dimensions: 1.73 mm / 0.068" – 4.75 mm / 0.187" – 5.41 mm / 0.213" – 6.48 mm / 0.255")

1 pair	10 6015
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for unshielded 6-pin modular plugs (Western plugs) RJ 11 (6P4C) and RJ 12 (6P6C), SS design, AMP (M4)

1 pair	10 6016
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for unshielded 8-pin modular plugs (Western plugs) RJ 45 (8P8C), SS design, AMP (M5)

1 pair	10 6017
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for shielded 8-pin modular plugs (Western plugs) RJ 45 (8P8C) CAT 5 etc., CIMCO design (M2)

1 pair	10 6019
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for shielded 8-pin modular plugs (Western plugs) RJ 45 (8P8C) CAT 5 etc., HIROSE TM 11/21 design (M1)

1 pair	10 6018
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for solar plug connectors type MC 3 from 2.5 mm<sup>2</sup> to 6 mm<sup>2</sup> (C3)

1 pair	10 6027
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for solar plug connectors type MC 4 from 2.5 mm<sup>2</sup> to 6 mm<sup>2</sup> (C4)

1 pair	10 6028
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### click 'n' crimp Parallel

The unique crimping pliers with a newly developed parallel crimping profile insert to produce industrial standard crimping connections. The parallel guide achieves a permanent symmetrical crimp and thus a reduction in the manual crimping forces as well as a homogenous crimping result.

ELECTRICAL ENGINEERING version with crimping profile inserts CIMCO article no. 10 6070 (for insulated cable lugs from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup>), CIMCO article no. 10 6011 (for non-insulated cable lugs 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>) and CIMCO article no. 10 6012 (for wire end ferrules from 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>).

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### One-hand system crimping pliers

Compound leverage crimping pliers with ratchet mechanism and pressure point release, with a variety of interchangeable crimping inserts fixed by two fastening screws. The ergonomically shaped crimping pliers are easy and convenient to use. The lever action of the handle triggers the integrated automatic ratchet mechanism. Adjustable automatic release guarantees optimum crimping results. All inserts are made of carbon tool steel and are suitable for use with the PROFI-CRIMP (CIMCO article no. 10 6112) and SUPER-LIGHT (CIMCO article no. 10 6150). The 15 different profiles are suitable for almost all kinds of cable connector crimping.

with oval crimp

Tool body PROFI-CRIMP	1	10 6112
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Crimping profile inserts for:

insulated cable lugs according to DIN: 0.5 to 1 (red), 1.5 to 2.5 (blue), 4 to 6 mm<sup>2</sup> (yellow),

AWG: 18/20 - 14/16 - 10/12, with oval crimp

Crimping pliers complete with insert	220	1	10 6144
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Crimping profile inserts loose asymmetric, standard crimping	IS	1 pair	10 2008
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Crimping pliers complete with insert		1	10 1916
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Crimping profile inserts loose symmetric, oval crimp	IS	1 pair	10 2004
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non-insulated cable lugs according to DIN: 1.5 to 10 mm<sup>2</sup>, AWG: 20 to 8

Crimping pliers complete with insert	220	1	10 6134
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Crimping profile inserts loose, indent crimp	Q R	1 pair	10 2003
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non-insulated plug connectors with open crimping ears according to DIN: 0.5 to 1, 1.5 to 2.5, 4 to 6 mm<sup>2</sup>,

AWG: 18/20 - 14/16 - 10/12

Crimping pliers complete with insert	220	1	10 6136
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Crimping profile inserts, loose, roll crimp	FL	1 pair	10 2002
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insulated and non-insulated wire end ferrules according to DIN: 0.5 - 0.75 - 1.5 - 2.5 - 4 - 6 - 10 - 16 mm<sup>2</sup>,

AWG: 22 - 20 - 16 - 14 - 12 - 10 - 8 - 6

Crimping pliers complete with insert	220	1	10 6120
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Crimping profile inserts, loose, trapezoid crimp	ZAE AE	1 pair	10 2001
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insulated and non-insulated wire end ferrules according to DIN: 16 - 25 - 35 mm<sup>2</sup>  
 optimised crimp shape; particularly suitable for thinned-out, finely-stranded conductors according to IEC 228

Crimping pliers complete with insert	220		1	10 6140
Crimping profile inserts, loose, trapezoid crimp		ZAE AE	1 pair	10 2006

insulated and non-insulated wire end ferrules according to DIN: 25 and 50 mm<sup>2</sup>  
 optimised crimp shape; particularly suitable for thinned-out, finely-stranded conductors according to IEC 228

Crimping pliers complete with insert	220		1	10 6142
Crimping profile inserts loose, trapezoid crimp		ZAE AE	1 pair	10 2007

shielded modular plug, 8-pin, RJ 45 CAT.5 (8P8C), CIMCO design (F236Q)

Crimping pliers complete with insert	220		1	10 6201
Crimping profile inserts, loose			1 pair	10 6217

shielded modular plug, 8-pin, RJ 45 CAT.5 (8P8C), HIROSE design (2Q1)

Crimping pliers complete with insert	220		1	10 6202
Crimping profile inserts, loose			1 pair	10 6215

shielded modular plug, 8-pin, RJ 45 CAT.5/6 (8P8C), Stewart Stamping design (2S)

Crimping pliers complete with insert	220		1	10 6203
Crimping profile inserts, loose			1 pair	10 6216

BNC/TNC coaxial plug connectors RG 55, RG 58, RG 59, RG 62, RG 174, RG 8279, FO (3A4)

Crimping pliers complete with insert	220		1	10 6138
Crimping profile inserts, loose, hexagonal crimping			1 pair	10 6218

FO connector with round crimping, e.g. for SC-/AMP-SMA-/FC-/PC connectors (F1)

Crimping pliers complete with insert	220		1	10 6156
Crimping profile inserts, loose, round crimp			1 pair	10 6213

FO connectors with hexagonal crimping, e.g. for 3M-ST, AT&T-ST, AMP-SMA connectors (3F2)

Crimping pliers complete with insert	220		1	10 6158
Crimping profile inserts, loose, hexagonal crimping			1 pair	10 6214

loose crimping profile inserts for unshielded modular plugs (Western plugs) (28P)

6-pin, RJ 11 (6P4C), RJ 12 (6P6C)			1 pair	10 6211
8-pin, RJ 45 (8P8C)			1 pair	10 6212

Please note our crimping plier sets on pages 219 + 222.



**NEW**

### Automatic crimping pliers for turned industrial plug-in contacts

Automatic crimping pliers for turned industrial plug-in contacts (e.g. Harting, ILME, Phoenix, Amphenol, Walther, HTS, Contact, Weidmüller)

2.5 mm <sup>2</sup>			1	10 6122
0.35 - 1.5 mm <sup>2</sup>			1	10 6124
0.14 - 0.5 mm <sup>2</sup>			1	10 6126



### Insertion tool for LSA-Plus terminals

Solder, screw and stripping-free connection and automatic trimming of conductors with 0.5 to 0.8 mm ø (AWG 24 to 20) to insulation displacement terminals in connection boxes and patch panels, professional design with pressure sensor for optimum insertion force, 2 pull-out hooks

ECONOMY model

			1	11 8017
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KRONE model, pressure sensor and trimming function can be switched off

			1	11 8018
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### Crimping pliers for BNC/TNC coaxial plug connectors

Ratchet mechanism with compound leverage, with adjustable locking (pressure point release), for data plug connectors for RG 58/RG 59/RG 62/RG 174,

crimp sizes: 1.72 mm (0.068") - 4.75 mm (0.187") - 5.41 mm (0.213") - 6.48 mm (0.255")

	220		1	10 6138
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### ECONOMY crimping pliers for Western plugs

for unshielded modular plugs, with cutting and stripping tools, interchangeable knives

for Western plugs 4-pin RJ 10 (4P4C) and RJ 14 (4P2C)	1	10 6116
for Western plugs 6-pin RJ 11 (6P4C) and RJ 12 (6P6C)	1	10 6117
for Western plugs 8-pin RJ 45 (8P8C)	1	10 6118



### Crimping pliers for unshielded modular plugs (Western plugs)

#### 4-, 6- and 8-pin

Ratchet mechanism with adjustable locking, cutting and stripping tools, 2-component handles, for RJ 10 (4P2C and 4P4C), RJ 11 (6P4C), RJ 12 (6P6C), RJ 45 (8P8C)

	1	10 6200
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### Crimping pliers for shielded modular plugs, 8-pin

Ratchet mechanism with adjustable locking, conductors and shielding crimped in a single operation, for RJ 45 CAT.5 (8P8C)

for HIROSE design connectors	220	1	10 6202
for CIMCO design connectors	220	1	10 6201
for STEWART STAMPING design connectors	220	1	10 6203



### Crimping pliers for FO (fibre-optic) connectors

with automatic ratchet mechanism and adjustable locking

Round crimp, crimp sizes: 1.07 mm (0.042") - 1.72 mm (0.068") - 3.38 mm (0.133") - 4.11 mm (0.162") - 4.95 mm (0.195"), e.g. for SC-/AMP-SMA-/FC-/PC connectors

	1	10 6156
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Hexagonal crimping, crimp sizes: 1.07 mm (0.042") - 1.72 mm (0.068") - 3.84 mm (0.151") - 4.52 mm (0.178") - 5.41 mm (0.213"), e.g. for 3M-ST/AT&T ST/SMA connectors

	1	10 6158
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### Crimping pliers set DATA TECHNOLOGY/TELECOMMUNICATIONS

Crimping pliers with 7 interchangeable crimping profile inserts for almost all copper- and fibre glass-based cables, neatly arranged in a handy, impact-resistant plastic case. Contents:

Crimping tool body with automatic ratchet mechanism and adjustable locking device

One crimping profile insert each for:

- unshielded modular plug (Western plug) 8-pin RJ 45 (8P8C), (CIMCO article no. 10 6212)
- shielded modular plug 8-pin RJ 45 CAT.5/6 (8P8C), HIROSE design (CIMCO article no. 10 6215)
- shielded modular plug 8-pin RJ 45 CAT.5 (8P8C), STEWART STAMPING design (CIMCO article no. 10 6216)
- unshielded modular plug (Western plug) 6-pin RJ 11 (6P4C), RJ 12 (6P6C) (CIMCO article no. 10 6211)
- BNC/TNC coaxial plug connectors RG 55, RG 58, RG 59, RG 62, RG 174, RG 8279, FO (CIMCO article no. 10 6218)
- FO connector with round crimping, e.g. for SC-/AMP-SMA-/FC-/PC connectors (CIMCO article no. 10 6213)
- FO connectors with hexagonal crimping, e.g. for 3M-ST-/AT&T-ST-/Amphenol-SMA connectors (CIMCO article no. 10 6214)
- Screwdriver with 1000 V protective insulation for Phillips crosshead screws, size PH 1 (CIMCO article no. 11 7731)

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### Tool set F-compression connectors

for creating watertight and therefore weatherproof coax connections, in particular for cable and satellite TV equipment.

For connections with high mechanical stress and excellent shielding.

Set consisting of:

- Professional crimping tool for compression connectors (CIMCO article no. 10 6152)
  - Specially for RG 59 and RG 6 coaxial cables. Thanks to the easily adjustable length stop, suitable for crimping compression connectors of various lengths and types (F, BNC and RCA connectors). Also suitable for angle connectors and keystones. Very little manual effort required for crimping. With ergonomic two-component handle sleeves, length 195 mm
- Coaxial cable stripping tool (CIMCO article no. 12 0098)
  - For quick and precise sheath stripping and insulation stripping of coaxial cables (RG 58, RG 59, RG 62, RG 6, RG 9 and others) in a single operation. With three interchangeable knives; depth of cut and distance between cuts are adjustable.
- 20 pieces F-compression connectors (CIMCO article no. 18 2980)
  - Double protected against moisture penetration through external sleeve and internal O-ring, outstanding shielding and mechanical strength of the cable connection. Gold-plated, for RG 6 coaxial cables

Tool set F-compression connectors	1	10 6154
Crimping tool for compression connectors	1	10 6152
Coaxial cable stripping tool	1	12 0098
F-compression connectors (price unit 100 pcs.)	10	18 2980



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## Hand crimping pliers for insulated and non-insulated wire end ferrules and twin wire end ferrules

Trapezoid crimp	0.25 - 2.5	150	AE	1	10 1911
Indent crimp	0.5 - 2.5	150	AE	1	10 1906
Indent crimp	1.5 - 6	150	AE	1	10 1907
Indent crimp	0.5 - 16	230	AE	1	10 1904
Indent crimp	10.0 - 35	230	AE	1	10 1905



## Crimping pliers for wire end ferrules, compound leverage, with ratchet mechanism and adjustable locking (pressure point release) Crimping pliers

Trapezoid crimp	0.5 - 16	226	ZAE AE	1	10 6120
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## Front crimping pliers FLEXI-CRIMP

With web or lamella die that self-adjusts to the conductor cross-section, square crimping with 16 mm crimp length, rounded inner edges so as not to cut into thin-walled wire end ferrules, front crimping, i.e. the connectors and conductors are inserted into the tool from the front, making it suitable for work in hard to access places and confined spaces, with new-style precision steel spring component for constant crimping quality even at extremely high or low temperatures, adjustable via cam, unlockable forced locking, ergonomically shaped two-component handles with soft padding.

Square crimp	0.14 - 6	210	ZAE AE	1	10 1940
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## Front crimping pliers FLEXI-CRIMP PRO

Crimping pliers for wire end ferrules up to 16 mm<sup>2</sup> with reliable technology as with Flexi Crimp, CIMCO article no. 10 1940, Crimping ranges set with selector switch 0.5 to 6 mm<sup>2</sup> and 6 to 16 mm<sup>2</sup>. Also for twin wire end ferrules from 2 x 0.5 to 2 x 6 mm<sup>2</sup>. Suitable for all conductor types, even thinned-out, finely-stranded conductors according to IEC 228!

Square crimp	0.5 - 16	220	ZAE AE	1	10 1945
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## Crimping pliers

with automatic adjustment to conductor cross-section

Square crimp	0.08 - 10	180	ZAE AE	1	10 1925
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## Crimping pliers

Trapezoid crimp	6 - 16	210	ZAE AE	1	10 1946
optimised crimp shape, especially suitable for thinned-out, finely stranded conductors according to IEC 228					
Trapezoid crimp	16 - 35	226		1	10 6140
optimised crimp shape, especially suitable for thinned-out, finely stranded conductors according to IEC 228					
Trapezoid crimp	25 and 50	226	ZAE AE	1	10 6142



## »»JOKARI<sup>original</sup> Wire stripper - QUADRO – the 4-function pliers

for efficient and precise processing of insulated wire end ferrules in strip form from 0.5 - 2.5 mm<sup>2</sup>

Functions

1. Cutting of wires and strands up to 2.5 mm<sup>2</sup>
2. Insulation stripping, working range 0.5 - 2.5 mm<sup>2</sup>
3. Twisting; no fanning out of the wires means safe insertion of the conductor into the wire end ferrule
4. Crimping, flawless crimping from 0.5 - 2.5 mm<sup>2</sup> through professional trapezoid crimp

QUADRO case complete			AE	1	10 0728
QUADRO with cabinet	180			1	10 0725

For sleeve strips, see page 257 in chapter 22.



## Multi-function tool DUO CRIMP

for cutting off and stripping insulation from conductors and stranded wires, as well as for crimping non-insulated and insulated wire end ferrules.

Working range of side cutter: flexible up to 6 mm<sup>2</sup>  
solid up to 4 mm<sup>2</sup>

Working range of wire stripper: up to 6 mm<sup>2</sup>

crimping ranges: 0.5 to 2.5 mm<sup>2</sup>  
4 to 6 mm<sup>2</sup>

	160		AE	1	10 0720
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## Crimping tools **Diamant**

Automatic crimping tools:

for wire end ferrules, side insertion of ferrule

Square crimping	0.08 - 10	ZAE	AE	10 4194
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for wire end ferrules, side insertion of ferrule

Square crimping	2.5 - 16	ZAE	AE	10 4196
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for wire end ferrules, front insertion of ferrule

Trapezoidal crimping	0.14 - 6	ZAE	AE	10 4190
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for wire end ferrules, front insertion of ferrule

Trapezoidal crimping	6 - 16	ZAE	AE	10 4192
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Crimping tools:

for wire end ferrules

Trapezoidal crimping	10.0 - 50	ZAE	AE	10 4200
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for wire end ferrules

Trapezoidal crimping	50.0 - 95	ZAE	AE	10 4202
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## ECONOMY crimping pliers

for insulated and non-insulated cable lugs, with wire and screw cutters up to M 5, as well as insulation stripping device 0.5 - 6 mm<sup>2</sup>, crimping of stranded wires and cable insulation in 2 operations

Crimp shape	Insulation stripping range mm <sup>2</sup>				
Oval crimp	0.5 - 6	220	IS	1	10 1892

## Crimping pliers for insulated cable lugs, compound leverage, with ratchet mechanism and adjustable locking (pressure point release), double crimping

### Crimping pliers

Oval crimp, asymmetric, standard	0.5 - 6	220	IS	1	10 6144
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Oval crimp, symmetric	0.5 - 6	220	IS	1	10 1916
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Oval crimp	10.0 - 16	215	IS	1	10 1918
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## Crimping pliers **Diamant**

for insulated cable connectors

Oval crimp	0.5 - 6	IS	1	10 4206
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for insulated cable connectors

Oval crimp	6.0 - 16	IS	1	10 4210
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## Crimping pliers for blade terminal connections

Crimping pliers for non-insulated blade terminal connectors according to DIN 46244 etc., 2.8 - 4.8 - 6.3 mm tab width

### Crimping pliers

compound leverage, with ratchet mechanism and adjustable locking (pressure point release), crimping of stranded wires and cable insulation in 1 operation

Roll crimp	0.5 - 6	220	FL	1	10 6136
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for non-insulated blade terminal connectors, Diamant-Crimping plier

Roll crimp	0.25 - 6	FL	1	10 4208
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## Crimping pliers for non-insulated cable lugs (crimping cable lugs / terminal pins)

### Crimping pliers

compound leverage, with ratchet mechanism and locking (pressure point release)

Indent crimp	1.5 - 10	220	Q	1	10 6134
Indent crimp	0.5 - 16	325	Q	1	10 1909
Indent crimp	10 - 35	325	Q	1	10 6146

for non-insulated cable connectors, Diamant-Crimping plier

Notch crimping	0.1 - 16		R Q	1	10 4204
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## STANDARD crimping pliers set

Crimping pliers with 4 interchangeable crimping profile inserts for the most commonly used standard cable connectors, conveniently arranged in an impact-resistant plastic case

Contents:

Crimping tool body with automatic ratchet mechanism and adjustable locking device

One crimping profile insert each for:

insulated and non-insulated wire end ferrules from 0.5 to 16 mm<sup>2</sup>, trapezoid crimp, (CIMCO article no. 10 2001) **AE**

insulated cable lugs from 0.5 to 6 mm<sup>2</sup> (red - blue - yellow) **IS**, symmetric oval crimp, (CIMCO article no. 10 2004)

non-insulated cable lugs from 1.5 to 10 mm<sup>2</sup>, indent crimp, (CIMCO article no. 10 2003) **Q**

non-insulated plug connectors with open crimping ears from 0.5 to 6 mm<sup>2</sup>, roll crimp, (CIMCO article no. 10 2002) **FL**

Knurled screws for easy fastening of the inserts by hand, 2-component screwdriver with

1000 volt protective insulated blade for cross-head screws

PHILLIPS size PH 1 (CIMCO article no. 11 7731)

1 10 2000



## Crimping pliers for tubular cable lugs and connectors, "standard design"

### Crimping pliers

compound leverage, with locking device (pressure point release)

Indent crimp	0.75 - 16	325	R Q	1	10 1902
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### Crimping pliers

with integral, rotatable profile discs, compound leverage

Notch crimping	6 - 50	600	R F	1	10 1870
Notch crimping	50 - 120	970	R F	1	10 1872
Notch crimping	120 - 240	975	R F	1	10 1874
Hexagonal crimping	6 - 50	390	R	1	10 1882
Hexagonal crimping	10 - 120	650	R	1	10 1880
Hexagonal crimping	16 - 95	530	R	1	10 1884
Hexagonal crimping	25 - 150	650	R	1	10 1885



## Crimping pliers for compression cable lugs and connectors according to DIN 46235/46267

### Crimping pliers

with integral, rotatable profile discs, compound leverage

Hexagonal crimping	6 - 50	390	D	1	10 1883
Hexagonal crimping	16 - 95	650	D	1	10 1886
Hexagonal crimping	25 - 150	650	D	1	10 1888





## Mechanical hand press up to 60 kN (185 mm<sup>2</sup>)

suitable for crimping connection material up to a maximum conductor cross section of 185 mm<sup>2</sup>.

Features:

- for interchangeable inserts DIN 48083, Sheet 1
- lightweight, compact design
- variably adjustable telescopic handles (total length 580 - 830 mm)
- C-shaped head, can be rotated through 360°
- without crimping inserts
- crimping force: 60 kN
- max. travel: 20 mm

**additional inserts can be supplied / scope of application**

	cross section range:
Tubular cable lugs and connectors "standard design"	6 - 185
compression cable lugs and compression connectors DIN 46235 / DIN 46267, part 1	6 - 185
aluminium cable lugs and connectors	10 - 185
rounding inserts for Al and Cu sector-shaped conductors	10sm - 240se / 185sm
crimping cable lugs DIN 46234 / pin-type cable lugs DIN 46230	10 - 70
wire end ferrules	10 - 95
twin wire end ferrules	2 x 4 - 2 x 16
cutting insert	18 mm ø

For crimping inserts see catalogue pages 228 ff.

Other inserts can be supplied on request

1 10 1867



## Mechanical hand press up to 60 kN (300 mm<sup>2</sup>)

suitable for crimping connection material up to a maximum conductor cross-section of 300 mm<sup>2</sup>.

Features:

- lightweight, compact design
- variably adjustable telescopic handles (total length 560 - 860 mm)
- foldable crimping head can be rotated through 360°
- without crimping inserts
- crimping force: 60 kN
- max. travel: 19 mm

**additional inserts can be supplied / scope of application**

	cross section range:
Tubular cable lugs and connectors "standard design"	6 - 300
compression cable lugs and compression connectors DIN 46235 / DIN 46267, part 1	6 - 300
aluminium cable lugs and connectors	10 - 240
rounding inserts for Al and Cu sector-shaped conductors	10sm - 300se / 240sm
crimping cable lugs DIN 46234 / pin-type cable lugs DIN 46230	10 - 70
wire end ferrules	10 - 240
twin wire end ferrules	2 x 4 - 2 x 16

For crimping inserts see catalogue page 230 ff.

Other inserts can be supplied on request

1 10 1868



## Hydraulic System GENiUS 2.0

One basic tool, revolutionary possibilities – now in improved design with modified return valve!

With the interchangeable head system, a wide variety of applications can be carried out with only one device and in professional quality.

The basic tool is one of the smallest and lightest 60 kN battery-operated hydraulic units of its kind on the global market.

For the first time, it is possible to carry out the following applications with a single device:

- Crimping up to 300 mm<sup>2</sup> DIN compression cable lugs
- Cutting up to a  $\varnothing$  of 50 mm (corresponds to 4 x 120 mm<sup>2</sup>)
- Hole punching up to a size of  $\varnothing$  ISO 63 or square punching 92 x 92 mm

## Battery-operated hydraulic basic tool for holding interchangeable heads for crimping, cutting and punching

Electronic control and monitoring of the crimping, cutting and punching process.

Bar shape design - one-button operating concept for easy use.

- On/Off switch with automatic switch-off (no stand-by power consumption)
- Selectable light for illuminating the working area
- Evaluation function via visual interface, also for maintenance / charge status of the batteries
- Universal electronics with
  - Cycle counter
  - Real-time clock
  - Storage of all work processes with date
  - Readable current wave form
  - Storage of all processing parameters
- Automatic warranty start only after completion of the first 20 operations
- Guaranteed crimping force: 61 - 63.5 kN
- Ergonomically shaped housing with soft touch
- Automatic return for cutting and crimping
- Manual return if required and in emergency
- Motor brake, no dangerous piston overtravel
- Closure time for 240 mm<sup>2</sup> crimping: 4 seconds
- Cycle time 6-7 seconds
- At least 100 operations per battery charge
- Software for evaluation available as an option (please request)
- Service - cycle: 30,000 operations
- Heads can be rotated as desired without limit stop
- Optional attachment of a shoulder carrying strap possible



## Interchangeable heads GENiUS 2.0

### Crimping head

up to 300 mm<sup>2</sup>

Crimping inserts suitable for e.g. CIMCO article no. 10 5701

Weight 1600 g	385	1	10 6301
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### Cutting head

up to  $\varnothing$  50 mm max. (e.g. 4 x 120 mm<sup>2</sup> NYN)

Weight 2900 g	460	1	10 6306
Replacement blade for Cu and Al cables		1	10 6311
Replacement blade for Cu conductors with Fe		1	10 6312
Replacement blade for ACSR cables		1	10 6313

### Hole punching head

up to a  $\varnothing$  size of ISO 63 or square punching 92 x 92 mm

Tension bolts and receptacle thread correspond to the CIMCO screw puncher range

Weight 1600 g	370	1	10 6308
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### Battery-operated hydraulic crimping tool GENiUS 2.0

consisting of:  
 battery-operated basic tool, carrying case, battery charger and two batteries  
 Crimping head up to 300 mm<sup>2</sup>

1	10 6321
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### Battery-operated hydraulic cutting tool GENiUS 2.0

consisting of:  
 battery-operated basic tool, carrying case, battery charger and two batteries  
 Cutting head up to ø 50 mm

1	10 6324
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### Battery-operated hydraulic punching tool GENiUS 2.0

consisting of:  
 battery-operated basic tool, carrying case, battery charger and two batteries  
 Hole punching head

1	10 6326
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### Battery-operated hydraulic crimping and cutting tool GENiUS 2.0

consisting of:  
 battery-operated basic tool, carrying case, battery charger and two batteries  
 Crimping head up to 300 mm<sup>2</sup>  
 Cutting head up to ø 50 mm

1	10 6330
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### Battery charger GENiUS 2.0

1	10 4312
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### Replacement rechargeable battery GENiUS 2.0

Rechargeable battery technology: 18 V Li-Ion, 2.0 Ah	1	10 4314
Rechargeable battery technology: 18 V Li-Ion, 3.0 Ah	1	10 4313

### Reading unit for documentation

1	10 4315
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### Mains adapter 230 Volt

1	10 4311
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### Hydraulic battery-operated crimping tool up to 60 kN (300 mm<sup>2</sup>)

Same technical features as the hydraulic system Genius 2.0, but here with a permanently mounted crimping head, suitable for crimping of connection material up to a maximum conductor cross-section of 300 mm<sup>2</sup>.

Features:

- foldable crimping head can be rotated through 270°
- without crimping inserts
- max. travel: 17 mm
- Crimping force: 60 kN
- weight with case 8,200 g, weight without case 3,550 g
- operating pressure: 700 bar (70MPa)
- scope of supply: basic tool in case with storage option for crimping inserts, battery charger, 2 batteries

additional inserts can be supplied / scope of application	cross section range:
tubular cable lugs and connectors "standard design"	6 – 300
compression cable lugs and compression connectors DIN 46235 / DIN 46267, part 1	6 – 300
aluminium cable lugs and connectors	10 – 240
rounding inserts for Al and Cu sector-shaped conductors	10sm - 300se/240sm
crimping cable lugs DIN 46234 / pin-type cable lugs DIN 46230	10 – 70
wire end ferrules	10 – 240
twin wire end ferrules	2 x 4 - 2 x 16

For crimping inserts see catalogue page 230.

Other inserts can be supplied on request

1	10 5705
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**NEW**



## Battery-operated hydraulic crimping tools for interchangeable inserts

General product features of CIMCO battery-operated hydraulic tools:

- Quick advance thanks to double piston hydraulics (advantage: reduced pressing time due to rapid bridging of no-load travel)
- Automatic pressure limit (advantage: no danger of overpressing)
- Quick stop (advantage: no running-on of the hydraulics - which means no accidental damage)
- Motor switch-off and automatic return after completed crimping (advantage: clear indication of end of crimping process)
- Electronic control and monitoring of the pressing process (advantage: errors minimised by monitoring)
- Manual return
- Multi-function electronics with sleep mode for maintenance display and battery monitoring (advantage: longer working life for all components)
- Mini-USB interface allows connection to all common PC systems for service and monitoring
- The latest in battery technology! Lithium-ion technology without self-discharge and with reduced weight!
- Service and monitoring software for all current PC systems

### Hydraulic battery-operated crimping tool up to 60 kN (185 mm<sup>2</sup>)

suitable for crimping conductor material up to a maximum cross-section of 185 mm<sup>2</sup>.

Features:

- for interchangeable inserts DIN 48083, Sheet 1
- foldable crimping head can be rotated through 270°
- without crimping inserts
- max. travel: 17 mm
- crimping force: 60 kN
- operating pressure: 700 bar (70MPa)
- scope of supply: basic tool in case with storage option for crimping inserts, battery charger, 2 rechargeable batteries, analysis software, mini USB cable
- Weight with case 10,150 g, weight without case 4,900 g

**additional inserts can be supplied / range of application**

tubular cable lugs and connectors "standard design"	<b>cross section range:</b>
compression cable lugs and compression connectors DIN 46235 / DIN 46267, part 1	6 - 185
aluminium cable lugs and connectors	6 - 185
rounding inserts for Al and Cu sector-shaped conductors	10 - 185
crimping cable lugs DIN 46234 / pin-type cable lugs DIN 46230	10sm - 240se / 185sm
wire end ferrules	10 - 70
twin wire end ferrules	10 - 95
cutting insert	2 x 4 - 2 x 16
	18 mm ø

For crimping inserts see catalogue page 228 + 229.

Other inserts can be supplied on request

1    10 5698



### Hydraulic battery-operated crimping tool up to 60 kN (300 mm<sup>2</sup>)

suitable for crimping connection material up to a maximum conductor cross-section of 300 mm<sup>2</sup>.

Features:

- foldable crimping head can be rotated through 270°
- without crimping inserts
- max. travel: 17 mm
- crimping force: 60 kN
- Weight with case 10,350 g, weight without case 5,100 g
- operating pressure: 700 bar (70MPa)
- scope of supply: basic tool in case with storage option for crimping inserts, battery charger, 2 rechargeable batteries, analysis software, mini USB cable

**additional inserts can be supplied / range of application**

tubular cable lugs and connectors "standard design"	<b>cross section range:</b>
compression cable lugs and compression connectors DIN 46235 / DIN 46267, part 1	6 - 300
aluminium cable lugs and connectors	6 - 300
rounding inserts for Al and Cu sector-shaped conductors	10 - 240
crimping cable lugs DIN 46234 / pin-type cable lugs DIN 46230	10sm - 300se/240sm
wire end ferrules	10 - 70
twin wire end ferrules	10 - 240
	2 x 4 - 2 x 16

For crimping inserts see catalogue page 230 + 231.

Other inserts can be supplied on request

1    10 5701



### Hydraulic battery-operated crimping tool up to 130 kN (400 mm<sup>2</sup>)

suitable for crimping of connection material up to a maximum conductor cross-section of 400 mm<sup>2</sup>.

Features:

- C-shaped crimping head for easy insertion of the crimping inserts
- can be rotated through 270°
- without crimping inserts
- Weight with case 14,950 g
- weight without case 7,750 g
- head opening: 29 mm
- crimping force: 130 kN
- operating pressure: 700 bar (70MPa)
- scope of supply: basic tool in case with storage option for crimping inserts, battery charger, 2 rechargeable batteries, analysis software, mini USB cable

**additional inserts can be supplied / range of application**

tubular cable lugs and connectors "standard design"	<b>cross section range:</b>
compression cable lugs and compression connectors DIN 46235 / DIN 46267, part 1	10 - 400
aluminium cable lugs and connectors	10 - 300
rounding inserts for Al and Cu sector-shaped conductors	16 - 300
crimping cable lugs DIN 46234 / pin-type cable lugs DIN 46230	10sm - 300sm
wire end ferrules	16 - 150
	16 - 240

For crimping inserts see catalogue page 232 + 233.

Other inserts can be supplied on request

1    10 5702



## Hydraulic battery-operated crimping tool up to 130 kN (400 mm<sup>2</sup>)

suitable for crimping of connection material up to a maximum conductor cross-section of 400 mm<sup>2</sup>.

Features:

- H-shaped crimping head, can be rotated through 270°
- deep groove crimping possible
- without crimping inserts
- head opening: 35 mm
- Crimping force: 130 kN
- operating pressure: 700 bar (70MPa)
- scope of supply: basic tool in case with storage option for crimping inserts, battery charger, 2 rechargeable batteries, analysis software, mini USB cable

**additional inserts can be supplied / scope of application**

tubular cable lugs and connectors "standard design"	cross section range:
compression cable lugs and compression connectors DIN 46235 / DIN 46267, part 1	10 – 400
aluminium cable lugs and connectors	10 – 300
rounding inserts for Al and Cu sector-shaped conductors	16 – 300
crimping cable lugs DIN 46234 / pin-type cable lugs DIN 46230	10sm - 300sm
wire end ferrules	16 – 150
	16 – 240

Weight with case 14,550 g, weight without case 6,100 g, for crimping inserts see catalogue page 232 +233.

Other inserts can be supplied on request

1    10 5704



## Accessories for battery-operated hydraulic crimping and cutting tools

14.4 V lithium-ion rechargeable battery for all battery-operated hydraulic crimping and cutting tools by CIMCO

1    10 5550

## Battery charger

Universal charger for all CIMCO rechargeable batteries, 230 V

1    10 5554

## Analysis software

CD-ROM with the current analysis software for all battery-operated hydraulic crimping and cutting tools by CIMCO

1    10 5555

## Compact electro-hydraulic drive unit

Hydraulic battery/mains unit, suitable for operating all industry standard hydraulic crimping and cutting tools.

Compact design, smaller size and lower weight enable universal deployment and mobility. The drive unit's distinguishing feature is very high performance that ensures enormous productivity.

Features:

- lightweight, compact and robust design
- with remote control (1.5 m)
- ergonomic design
- integrated scratch-proof display
- rapid tool return due to high return delivery volume
- pressure monitoring via electronic pressure sensor
- Li-Ion rechargeable battery
- charging status display on the battery
- double piston technology for rapid feed and high pressure:
- delivery volume in the low pressure range < 100 bar: 1.15 l/min
- delivery volume in the high pressure range up to 700 bar: 0.1 l/min
- operating pressure: 700 bar (70MPa)
- output: 200 W
- battery voltage: 18.0 V DC
- battery capacity: 3.0 Ah
- operating temperature: -20 °C to +55 °C

Weight 4.6 kg (with battery)    290 x 190 x 205 mm    1    10 5650



## Accessories

Hydraulic crimping head, round, up to 300 mm<sup>2</sup>, crimping force 60 kN

1    10 5652

Hydraulic crimping head up to 400 mm<sup>2</sup>, crimping force 130 kN

1    10 5655

Hydraulic cutting head up to max. ø 50 mm, for CU/ALU cables, closed form

1    10 5654

Hydraulic cutting head up to max. ø 95 mm, for CU/ALU cables, closed form

1    10 5656

Hydraulic cutting head up to max. ø 120 mm, for CU/ALU cables, closed form

1    10 5657

Safety foot switch

1    10 5651

Hydraulic high-pressure hose 5 m

1    10 5658

Hydraulic high-pressure hose 10 m

1    10 5659

Hydraulic plug adapter, for connecting hydraulic components of other manufacturers

1    10 5653



## Hydraulic cylinder

for all electric-, foot- and hand operated hydraulic pumps with quick coupling connection and a maximum output pressure of 700 bar. Compact design, for punching round, square and rectangular openings as well as special shapes in stainless steel and steel sheets ST 37 (switch cabinet and plant construction).

- Hydraulic cylinder with quick coupling (up to 115 kN)
- Weight 0.68 kg
- Supplied in plastic case
- High tensile strength aluminium body
- Suitable for tension bolts with UNF thread  $\varnothing$  19.0 mm
- operating pressure 700 bar
- Drip-free coupling and uncoupling
- Convenient operability
- With dust protection cap

1    13 4023



## Crimping inserts for the tools: 10 1867 and 10 5698

for tubular cable lugs and connectors "standard design"

hexagonal crimping, crimp width 5 mm  
mm<sup>2</sup>

6	R	1 pair	10 5300
10	R	1 pair	10 5302
16	R	1 pair	10 5304
25	R	1 pair	10 5306
35	R	1 pair	10 5308
50	R	1 pair	10 5310
70	R	1 pair	10 5312
95	R	1 pair	10 5314
120	R	1 pair	10 5316
150	R	1 pair	10 5318
185	R	1 pair	10 5320



for compression cable lugs and compression connectors DIN 46235/46267

hexagonal crimping, crimp width 5 mm  
mm<sup>2</sup>    Index according to DIN

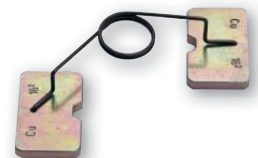
6	5	D	1 pair	10 5330
10	6	D	1 pair	10 5332
16	8	D	1 pair	10 5334
25	10	D	1 pair	10 5336
35	12	D	1 pair	10 5338
50	14	D	1 pair	10 5340
70	16	D	1 pair	10 5342
95	18	D	1 pair	10 5344
120	20	D	1 pair	10 5346
150	22	D	1 pair	10 5348
185	25	D	1 pair	10 5350



for aluminium cable lugs and connectors DIN 46239

and similar hexagonal crimping, crimp width 7mm  
mm<sup>2</sup>    Index according to DIN

10	10	AL	1 pair	10 5360
16-25	12	AL	1 pair	10 5362
35	14	AL	1 pair	10 5364
50	16	AL	1 pair	10 5366
70	18	AL	1 pair	10 5368
95-120	22	AL	1 pair	10 5370
150	25	AL	1 pair	10 5372
185	28	AL	1 pair	10 5374



### Crimping inserts for the tools: 10 1867 and 10 5698

for rounding of single-stranded (se) and multi-stranded (sm) Al and Cu sector-shaped conductors, for 3 and 4 sector-shaped conductors (120° and 90°)

Rounding width 19.5 mm

mm <sup>2</sup>	Index according to DIN			
sm	se			
10	-	RU	1 pair	10 5392
16	-	RU	1 pair	10 5394
25	35	RU	1 pair	10 5396
35	50	RU	1 pair	10 5398
50	70	RU	1 pair	10 5400
70	95	RU	1 pair	10 5402
95	120	RU	1 pair	10 5404
120	150	RU	1 pair	10 5406
150	185	RU	1 pair	10 5408
185	240	RU	1 pair	10 5410

for crimping cable lugs DIN 46234 and pin-type cable lugs DIN 46230

Indent crimp

10	F	Q	1 pair	10 5442
16	F	Q	1 pair	10 5444
25	F	Q	1 pair	10 5446
35	F	Q	1 pair	10 5448
50	F	Q	1 pair	10 5450
70	F	Q	1 pair	10 5452
95	F	Q	1 pair	10 5454

for wire end ferrules

trapezoid crimp, crimping width 20 mm

10	AE	1 pair	10 5462
16	AE	1 pair	10 5464
25	AE	1 pair	10 5466
35	AE	1 pair	10 5468
50	AE	1 pair	10 5470
70	AE	1 pair	10 5472
95	AE	1 pair	10 5474

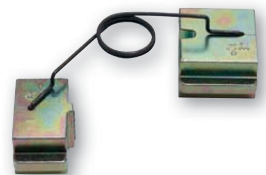
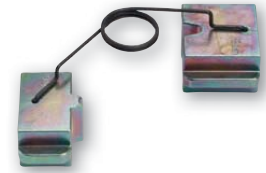
for twin wire end ferrules

trapezoid crimp, crimping width 20 mm

2 x 4	ZAE	1 pair	10 5480
2 x 6	ZAE	1 pair	10 5482
2 x 10	ZAE	1 pair	10 5484
2 x 16	ZAE	1 pair	10 5486

Cutting insert for Al and Cu cables

Cutting range up to 18 mm ø		1 pair	10 5490
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**Crimping inserts for tools: 10 1868, 10 5701, 10 6321 and 10 6330**

for tubular cable lugs and connectors "standard design"

Hexagonal crimping, crimp width 5 mm

mm<sup>2</sup>

6	R	1 pair	10 5711
10	R	1 pair	10 5712
16	R	1 pair	10 5713
25	R	1 pair	10 5714
35	R	1 pair	10 5715
50	R	1 pair	10 5716
70	R	1 pair	10 5717
95	R	1 pair	10 5718
120	R	1 pair	10 5719
150	R	1 pair	10 5720
185	R	1 pair	10 5721
240	R	1 pair	10 5722
300	R	1 pair	10 5723



for tubular cable lugs and connectors "standard design"

WM-crimping, for compressed, multi-stranded or thinned-out, finely stranded conductors, crimp width 5 mm

mm<sup>2</sup>

6	R	1 pair	10 5670
10	R	1 pair	10 5672
16	R	1 pair	10 5674
25	R	1 pair	10 5676
35	R	1 pair	10 5678
50	R	1 pair	10 5680
70	R	1 pair	10 5682
95	R	1 pair	10 5684
120	R	1 pair	10 5686
150	R	1 pair	10 5688
185	R	1 pair	10 5690
240	R	1 pair	10 5692
300	R	1 pair	10 5694



for compression cable lugs and connectors DIN 46235/46267

Hexagonal crimping, crimp width 5 mm

mm<sup>2</sup>

Index according to DIN

6	5	D	1 pair	10 5730
10	6	D	1 pair	10 5731
16	8	D	1 pair	10 5732
25	10	D	1 pair	10 5733
35	12	D	1 pair	10 5734
50	14	D	1 pair	10 5735
70	16	D	1 pair	10 5736
95	18	D	1 pair	10 5737
120	20	D	1 pair	10 5738
150	22	D	1 pair	10 5739
185	25	D	1 pair	10 5740
240	28	D	1 pair	10 5741
300	32	D	1 pair	10 5742



for aluminium cable lugs and connectors DIN 46239

and similar hexagonal crimping, crimp width 7 mm

mm<sup>2</sup>

Index according to DIN

10	10	AL	1 pair	10 5784
16-25	12	AL	1 pair	10 5785
35	14	AL	1 pair	10 5786
50	16	AL	1 pair	10 5787
70	18	AL	1 pair	10 5788
95-120	22	AL	1 pair	10 5789
150	25	AL	1 pair	10 5790
185	28	AL	1 pair	10 5791
240	32	AL	1 pair	10 5792
300	34	AL	1 pair	10 5793





### Crimping inserts for tools: 10 1868, 10 5701, 10 6321 and 10 6330

for rounding of single-stranded (se) and multi-stranded (sm) Al and Cu sector-shaped conductors, for 3 and 4 sector-shaped conductors (120° and 90°)

Rounding width 19.5 mm

mm <sup>2</sup>	Index according to DIN			
sm	se			
10	-	RU	1 pair	10 5749
16	-	RU	1 pair	10 5750
25	35	RU	1 pair	10 5751
35	50	RU	1 pair	10 5752
50	70	RU	1 pair	10 5753
70	95	RU	1 pair	10 5754
95	120	RU	1 pair	10 5755
120	150	RU	1 pair	10 5756
150	185	RU	1 pair	10 5757
185	240	RU	1 pair	10 5758
240	300	RU	1 pair	10 5759



for crimping cable lugs DIN 46234 and pin-type cable lugs DIN 46230

Indent crimp

mm <sup>2</sup>				
10	F	Q	1 pair	10 5760
16	F	Q	1 pair	10 5761
25	F	Q	1 pair	10 5762
35	F	Q	1 pair	10 5763
50	F	Q	1 pair	10 5764
70	F	Q	1 pair	10 5765



for wire end ferrules

trapezoid crimp, crimping width 20 mm

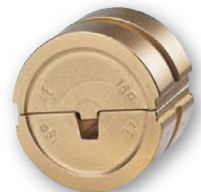
mm <sup>2</sup>				
10	AE		1 pair	10 5770
16	AE		1 pair	10 5771
25	AE		1 pair	10 5772
35	AE		1 pair	10 5773
50	AE		1 pair	10 5774
70	AE		1 pair	10 5775
95	AE		1 pair	10 5776
120	AE		1 pair	10 5777
150	AE		1 pair	10 5778
185	AE		1 pair	10 5779
240	AE		1 pair	10 5799



for twin wire end ferrules

trapezoid crimp, crimping width 20 mm

mm <sup>2</sup>				
2 x 4	ZAE		1 pair	10 5780
2 x 6	ZAE		1 pair	10 5781
2 x 10	ZAE		1 pair	10 5782
2 x 16	ZAE		1 pair	10 5783



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## Crimping inserts for the tools: 10 5702 and 10 5704

for tubular cable lugs and connectors "standard design"

hexagonal crimping, wide crimping (exception: 300 and 400 mm<sup>2</sup> / 7 mm)

mm<sup>2</sup>

10	R	1 pair	10 5802
16	R	1 pair	10 5804
25	R	1 pair	10 5806
35	R	1 pair	10 5808
50	R	1 pair	10 5810
70	R	1 pair	10 5812
95	R	1 pair	10 5814
120	R	1 pair	10 5816
150	R	1 pair	10 5818
185	R	1 pair	10 5820
240	R	1 pair	10 5822
300	R	1 pair	10 5824
400	R	1 pair	10 5826



for compression cable lugs and connectors DIN 46235/46267

hexagonal crimping, wide crimping (exception: 240 and 300 mm<sup>2</sup> / 7 mm)

mm<sup>2</sup>

Index according to DIN

10	6	D	1 pair	10 5830
16	8	D	1 pair	10 5832
25	10	D	1 pair	10 5834
35	12	D	1 pair	10 5836
50	14	D	1 pair	10 5838
70	16	D	1 pair	10 5840
95	18	D	1 pair	10 5842
120	20	D	1 pair	10 5844
150	22	D	1 pair	10 5846
185	25	D	1 pair	10 5848
240	28	D	1 pair	10 5850
300	32	D	1 pair	10 5852



for aluminium cable lugs and connectors DIN 46239 and similar

hexagonal crimping, wide crimping

mm<sup>2</sup>

Index according to DIN

10	10	AL	1 pair	10 5860
16-25	12	AL	1 pair	10 5862
35	14	AL	1 pair	10 5864
50	16	AL	1 pair	10 5866
70	18	AL	1 pair	10 5868
95-120	22	AL	1 pair	10 5870
150	25	AL	1 pair	10 5872
185	28	AL	1 pair	10 5874
240	32	AL	1 pair	10 5876
300	34	AL	1 pair	10 5878



### Crimping inserts for the tools: 10 5702 and 10 5704

for rounding of single-stranded (se) and multi-stranded (sm) Al and Cu sector-shaped conductors, for 3 and 4 sector-shaped conductors (120° and 90°)

Rounding width 35 mm

mm <sup>2</sup>	Index according to DIN				
sm	se				
10	-		RU	1 pair	10 5892
16	-		RU	1 pair	10 5894
25	35		RU	1 pair	10 5896
35	50		RU	1 pair	10 5898
50	70		RU	1 pair	10 5900
70	95		RU	1 pair	10 5902
95	120		RU	1 pair	10 5904
120	150		RU	1 pair	10 5906
150	185		RU	1 pair	10 5908
185	240		RU	1 pair	10 5910
240	300		RU	1 pair	10 5912
300	-		RU	1 pair	10 5914



for crimping cable lugs DIN 46234 and pin-type cable lugs DIN 46230

Indent crimp

mm <sup>2</sup>					
16	F	Q		1 pair	10 5942
25	F	Q		1 pair	10 5944
35	F	Q		1 pair	10 5946
50	F	Q		1 pair	10 5948
70	F	Q		1 pair	10 5950
95	F	Q		1 pair	10 5952
120	F	Q		1 pair	10 5954
150	F	Q		1 pair	10 5956



for wire end ferrules

trapezoid crimp, crimping width 20 mm

mm <sup>2</sup>					
10	AE			1 pair	10 5962
16	AE			1 pair	10 5964
25	AE			1 pair	10 5966
35	AE			1 pair	10 5968
50	AE			1 pair	10 5970
70	AE			1 pair	10 5972
95	AE			1 pair	10 5974
120	AE			1 pair	10 5976
150	AE			1 pair	10 5978
185	AE			1 pair	10 5980
240	AE			1 pair	10 5982



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