

## Pressing and crimping







# INFO

## HUPcompact

The new HUPcompact is a handy, compact crimp tool that will be available in 4 variations:

- for end sleeves
- for insulated cable lugs and connectors
- for non insulated cable lugs and connectors
- for open brass tab connectors

Tool frame is from hardened steel with matt silver coating and clearly indicated crimp values. Ratchet system with unblocking option secures safe crimping process. Tool can fit into one hand and it is easy to crimp.

### Features:

- easy achievement of high crimping force due to optimized leverage system
- sure achievement of full crimping range and depth
- metal parts made of quality steel
- precise and quality manufacturing of all elements
- possibility of crimping force regulation via eccentric axle
- safety relief
- for use in series production
- small gripping distance (suitable also for smaller hands)

### Technical data:

- length: 198 mm
- width: 50 mm
- handle force: 5 kN
- life span: 50,000 crimp cycles



- 100% parallel crimp
- precision crimp
- handle force: 5 kN
- small compact construction

Video



## HUPcompact „HC01“

for insulated cable lugs and connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **oval pressing**



Art. no.	Ø	kg	PU
213090	0,1 - 6	0,578	1

## HUPcompact „HC02“

for end sleeves, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **trapezoidal pressing**, (10 + 16 mm<sup>2</sup> wave profile/ 0.5-6 mm<sup>2</sup> trapezoidal profile)



Art. no.	Ø	kg	PU
213088	0,25 - 16	0,480	1

## HUPcompact „HC03“

for non insulated cable lugs and connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **mandrel shape pressing**



Art. no.	Ø	kg	PU
213092	0,75 - 10	0,480	1

## HUPcompact „HC04“

for open brass tab connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, with locator, **roll pressing**



Art. no.	Ø	kg	PU
213094	0,5 - 6	0,490	1

**haupa®**

**...convincing solutions**

Germany: HAUPA, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com

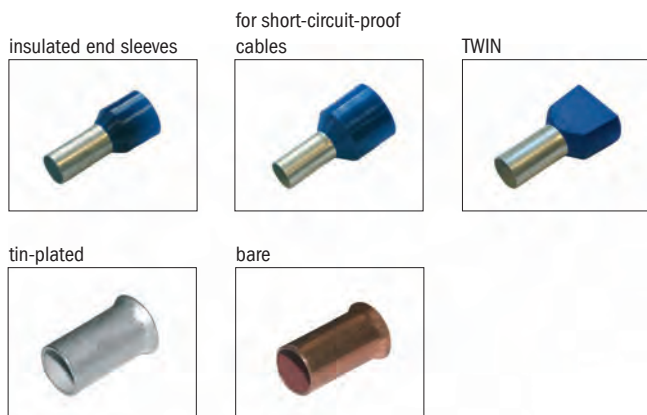
# INFO

## Crimping pliers for end sleeves

When crimping end sleeves a distinction is made between sleeves with and without plastic collars and between trapezoid, square and hexagon pressing.

The sleeves with a plastic collar make it easier to insert individual stranded wires. The coloured marking on the wire end sleeves is used to classify the cross section.

Pliers with a square crimp ensure better contact in the terminal strip. The square crimp also facilitates alignment and assembly, as clamps can be attached to each of the surfaces.



## Crimping pliers

for end sleeves, with cutting and stripping mechanism, matt, chrome-plated



Art. no.	TL	mm <sup>2</sup>	kg	PU
210820	140	0,25 - 2,5	0,202	1
210824	220	0,75 - 16	0,304	1
210826	225	10 - 35	0,277	1

## Crimping pliers

for end sleeves, short construction, 20% angled handy form, with locking device, with adjustable crimp pressure, **trapezoid pressing**



Art. no.	mm <sup>2</sup>	kg	PU
211650	0,14 - 2,5	0,371	1
210841	0,25 - 6	0,380	1
211652	6 - 16	0,374	1

## Crimping pliers for twin end sleeves

with locking device, with adjustable crimp pressure, chrome plated, **trapezoid pressing**



Art. no.	mm <sup>2</sup>	kg	PU
211676	0,5 - 6	0,576	1
211678	6 - 16	0,604	1

## Crimping pliers

for end sleeves, with locking device, with adjustable crimp pressure, chrome plated, **trapezoid pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210763	0,5 - 4	0,578	1
210842	1 - 10	0,553	1
210765	6 - 16	0,582	1
211672	10 - 25	0,580	1
210768	10 - 35	0,606	1
211674	25 - 50	0,600	1

## HUPcompact „HC02”

for end sleeves, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **trapezoid pressing**, (10 + 16 mm<sup>2</sup> wave profile/ 0.5-6 mm<sup>2</sup> trapezoidal profile)



Art. no.	Ø	kg	PU
213088	0,25 - 16	0,480	1

## Crimping pliers

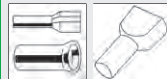
for end sleeves, precise **square pressing** profile, automatic setting to the conductor cross-section, unlockable forced lock, guarantees connections that meet DIN, high transmission and ergonomically shaped plastic handles for fatigue free working, **square pressing**.  
2 grooved and 2 smooth jaws for better insertion of the sleeve.



Art. no.	mm <sup>2</sup>	kg	PU
210804	0,08 - 10 square	0,413	1

## Crimping pliers

for end sleeves, precise crimping profile, automatic setting to the conductor cross-section, unlockable forced lock, guarantees connections that meet DIN, high transmission and ergonomically shaped plastic handles for fatigue free working. **Square pressing**



Art. no.	mm <sup>2</sup>	kg	PU
211816	0,08 - 16 square	0,413	1

## Crimping pliers for end sleeves

### Crimping pliers

for end sleeves, precise hexagonal crimping profile, automatic setting to the conductor cross-section, unlockable forced lock, guarantees connections that meet DIN, high transmission and ergonomically shaped plastic handles for fatigue free working, **hexagon pressing**



Art. no.	mm <sup>2</sup>	kg	PU
211805	0,08 - 6	0,413	1

### Crimping pliers

for end sleeves, precise crimping profile, automatic setting to the conductor crosssection, unlockable forced lock, guarantees connections that meet DIN, high transmission and ergonomically shaped plastic handles for fatigue free working, **hexagon pressing**



Art. no.	mm <sup>2</sup>	kg	PU
211818	0,08 - 10	0,413	1

### Front-Crimping pliers

for end sleeves, precise **square pressing** profile, automatic adjustment on wire diameter, frontal approach allows working in small areas, sidewise approach for end sleeves up to 2.5 mm<sup>2</sup>, with locking device, high transmission and ergonomically formed plastic handle, **square pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210819	0,08 - 10	0,489	1
211810	0,08 - 16	0,489	1

### Front-Crimping pliers

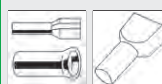
for end sleeves, automatic adjustment of crimp-profile, with locking device, with adjustable crimp pressure, **trapezoid pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210979	0,14 - 6	0,575	1
210979/B	10 - 16	0,584	1

### Crimping pliers

for end sleeves, lever translated version for better transmission of force, with unlockable locking mechanism, **trapezoidal pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210788	10 - 50	0,732	1
210789	50 - 95	0,800	1

### Quadro with magazine

Integration of four functions for precise crimping of connector sleeves from tapes, 0.5 - 2.5 mm Ø.

- Insulation stripping: 0.5 - 2.5 mm Ø
- Twisting: 0.5 - 2.5 mm Ø
- Cutting: cables and cords 0.5 - 2.5 mm Ø
- Crimping: 0.5 - 2.5 mm Ø



Art. no.	TL	mm <sup>2</sup>	kg	PU
210682/1	170	0,5 - 2,5	0,056	1

### Quadro complete set in case

in case:  
1 „Quadro“-pliers incl. magazine  
2 spare magazines  
Box for end sleeve strips



Art. no.	TL	mm <sup>2</sup>	kg	PU
210682	170	0,5 - 2,5	0,713	1
210682/2		Magazine for Quadro	0,020	1
210682/3		Box for end sleeves	0,010	1

**haupa®**

**...convincing solutions**

Germany: **HAUPA**, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com



# Pneumatic crimpers

## HAUPA Pneumatic Crimpers

for end sleeves, pneumatic crimpers crimp wire end sleeves quickly and without effort. Table top versions are actuated by a foot switch, allowing the operator to use both hands. The Pneumatic Crimpers are lightweight and easy to use. The crimping mechanism is easily activated, making it perfectly suited for work in control cabinets and electrical equipment. These tools are maintenance free - they require no routine calibration - only 60 - 90 psi to allow proper operation. Incl. spiral hose 2 m



Art. no.	TL	mm²	kg	PU
217030	200	0,25 - 2,5	0,720	1
217040	200	4 - 10	0,739	1

## HAUPA Pneumatic crimpers table top versions

for end sleeves, table top versions are actuated by a foot switch, allowing the operator to use both hands. Incl. spiral hose, foot switch and table clamp



Art. no.	TL	mm²	kg	PU
217010	200	0,25 - 2,5	5,000	1
217020	200	4 - 10	5,000	1





haupa®

MADE IN GERMANY

2 0804



# Crimping pliers for insulated crimp cable lugs

## INFO

### Crimping pliers for insulated crimp cable lugs

Insulated cable lugs and crimp cable lugs are crimped in an oval form.

The coloured marking of the wire cross section to the insulated cable lug is defined in DIN 46245, Parts 1, 2 and 3.

- Red => stands for 0.5 to 1 mm<sup>2</sup>
- Blue => stands for >1.5 to 2.5 mm<sup>2</sup>
- Yellow => stands for >2.5 to 6 mm<sup>2</sup>

As the cable lug is rolled from a metal sheet, attention should be paid to the position of the butted edge. It should be in the middle of the top profile. If it is on the side, the edge opens up and the wire is not gastight or adequately clamped.

Butted edge



Ring terminals



Fork terminals



Shrinkable connectors



Round terminals



Flat terminals



Socket sleeves (female)



Round sleeves



Round pins



Socket sleeves (male)



Butt connectors



Parallel connectors



End connectors



### Crimping pliers

for insulated crimp cable lugs, short construction, 20% angled handy form, with locking device, with adjustable crimp pressure, **oval pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210845	0,08 - 2,5	0,343	1

### Crimping pliers

for insulated crimp cable lugs, with locking device, with adjustable crimp pressure, chrome plated, **oval pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210761	0,5 - 6	0,566	1

### Crimping pliers

for shrink connectors, with locking device, with adjustable crimp pressure, chrome plated, **oval pressing**



Art. no.	mm <sup>2</sup>	kg	PU
211695	0,5 - 10	0,566	1

### HUPcompact „HC01“

for insulated cable lugs and connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **oval pressing**



Art. no.	Ø	kg	PU
213090	0,1 - 6	0,578	1

### Crimping pliers

for insulated crimp cable lugs, lever translated version for better transmission of force, with unlockable locking mechanism, **oval pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210827	10 - 16	0,472	1

### Crimping pliers

for insulated crimp cable lugs with wire-and bolt-cutters and wire stripper with threaded bolt-cutter, **oval pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210802	0,5 - 6	0,178	1

### Combi-Crimping pliers

for insulated and uninsulated crimp cable lugs and connectors from 0.5 - 6 mm<sup>2</sup>, C 45, cutting edges induction hardened, with wire-and bolt-cutters and wire stripper with threaded bolt-cutter, **oval pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210808	0,75 - 6	0,198	1



# Crimping pliers for uninsulated crimp cable lugs

## INFO

### Crimping pliers for uninsulated terminals

Important when crimping uninsulated terminals and butt space connectors: Uninsulated crimping terminals are pressed together by means of so-called piercing compression. The crimp sleeve is compressed in the middle. The pressing thorn should be set to the separating seam of the sleeve.

Crimping terminals  
Ring type



Crimping terminals  
Fork type



Crimping terminals  
Pin type



Crimping terminals  
Butt connectors



Crimping terminals  
Parallel connectors



### Crimping pliers

for non insulated crimp cable lugs, short construction, 20% angled handy form, with locking device, with adjustable crimp pressure, **mandrel shape pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210778	0,25 - 2,5	0,363	1
210779	1,25 - 6	0,366	1

### Crimping pliers

for non insulated crimp cable lugs, with locking device, with adjustable crimp pressure, chrome plated, **mandrel shape pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210764	1,5 - 10	0,565	1

### HUPcompact „HC03"

for non insulated cable lugs and connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **mandrel shape pressing**



Art. no.	Ø	kg	PU
213092	0,75 - 10	0,480	1

### Crimping pliers

for non insulated crimp cable lugs, lever translated version for better transmission of force, with mandrel pressing, for standard tubular cable lugs and connectors. Particularly well suited to nickel tubular cable lugs and connectors



Art. no.	mm <sup>2</sup>	kg	PU
210772	1-2,5-4 > 6-10	0,478	1
210774	1 > 2-6-10-16	0,503	1

### Crimping pliers

for non insulated crimp cable lugs, lever translated version for better transmission of force, with mandrel pressing, for standard tubular cable lugs and connectors



Art. no.	mm <sup>2</sup>	kg	PU
210799	0,5 - 16	0,903	1

**haupa®**

**...convincing solutions**

Germany: **HAUPA**, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com

# Crimping pliers for uninsulated open brass cable lugs

## INFO

### Crimping pliers for uninsulated open brass cable lugs

We distinguish between wire crimps and insulation crimps. The end of the wire should be flush with the wire crimp or extend beyond it no further than 1 mm, so that the plug function is not affected. The insulation end must not project into the wire crimp, however it must also not lie just half beneath the insulation crimp. Only in this way can a standard-compliant crimp be ensured. In a good crimp the wire must be deformed. In this case one talks of a "gastight crimp".



**Wrong:**  
The end of the insulation is in the insulation crimp.  
**Wrong:**  
The stripped wire projects into the contact zone.



**Correct:**  
The end of the insulation and the stripped wire are crimped accurately.  
To facilitate accurate crimping a positioning aid is available for crimping pliers.

Socket sleeves (female) with cable stop



Socket sleeves (female) with cable stop and side cable connection



Flat terminals



Precision-ground crimp profiles  
=> clean crimp

Adjustable crimping pressure  
=> Wear compensation via adjusting screw

Forced block, unblockable  
=> guaranteed DIN-compliant crimped connection

Ergonomically formed plastic handles  
=> low fatigue work



### Crimping pliers



for open brass cable lugs, short construction, 20% angled handy form, with locking device, with adjustable crimp pressure, **roll pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210777	0,5 - 1,5	0,366	1

### Crimping pliers



for open brass cable lugs, with locking device, with adjustable crimp pressure, chrome plated, **roll pressing**



Art. no.	mm <sup>2</sup>	kg	PU
211682	0,5 - 2,5	0,568	1
210762	0,5 - 6	0,575	1

### Crimping pliers



for open brass cable lugs, with locking device, with adjustable crimp pressure, chrome plated, **roll pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210785	0,05 - 1	0,537	1
210786	1,5 - 2,5	0,535	1

### HUPcompact „HC04"



for open brass tab connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, with locator, **roll pressing**



Art. no.	Ø	kg	PU
213094	0,5 - 6	0,490	1



## Crimping pliers for coaxial connections

### Crimping pliers

for coax-connections, short construction, 20% angled handy form, with locking device, with adjustable crimp pressure, **hexagon pressing**



Art. no.	crimp	kg	PU
210849	RG 55-58-59-62	0,303	1

### Crimping pliers

for coax-connections, with locking device, with adjustable crimp pressure, chrome plated, **hexagon pressing**



Art. no.	crimp	kg	PU
210767	RG 55-58-59-62	0,567	1
211680	RG 55-58-59-62-5-6	0,578	1

### Crimping pliers HUPstar Coax

for coaxial connectors. Crimp pliers for industrial users, revolving precision impression dies with parallel feed, changeable dies.

#### Pressing star 213082/E

**Coax:**  
Hexagon crimp, BNC, TNC, SNB, SNC, SMS, SMA, MCX, 1.07 to 10.9 mm



Art. no.	TL	kg	PU
213082	230	0,650	1
213082/E	dies	0,160	1

## Crimping pliers for contacts and connectors

### INFO

#### Crimping pliers for contacts and connectors

**D-Sub plugs** are open plug-in connectors that are connected with the wire via a rolling crimp. D-Sub plugs are used in modern office and communication technology.

**Rolled contacts** are open plug-in connectors that are connected with the wire via a rolling crimp. It is important to choose the correct plug for the cross section of the wire. No single wire may project from the crimp.

**Twisted contacts** are used to connect computer interfaces, power and control wires in multi-pole plug-in connections and flexible assembly lines in the automotive industry.

### Crimping pliers

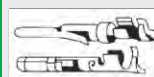
short construction, for twisted contacts, 20% angled handy form, with locking device, with adjustable crimp pressure, **square pressing**



Art. no.	crimp	kg	PU
211656	0,14-4	0,367	1
211658	1,5-6	0,372	1

### Crimping pliers

short construction, for rolled contacts, 20% angled handy form, with locking device



Art. no.	crimp	kg	PU
211660	0,5-1,5	0,370	1

### Crimping pliers

short construction, for D-Sub-connectors, 20% angled handy form, with locking device



Art. no.	crimp	kg	PU
211662	0,08-0,5	0,365	1

**haupa®**

**...convincing solutions**

Germany: **HAUPA**, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com

# Crimping pliers for Photovoltaik

## INFO

### Photovoltaik

The photovoltaic energy conversion is carried out with the assistance of solar cells that are connected in order to form solar modules in photovoltaic plants. The generated electricity can be stored on site in accumulators or fed into the power network. If the energy is fed into the public power network then the direct current generated by the solar cells will be converted by a converter into alternating current. In order to constantly make energy available, the energy must be stored.



### Crimping pliers



with locking device, with adjustable crimp pressure, chrome plated **square crimp (MC 3)**, **roll crimp (MC 4)**



Art. no.	mm <sup>2</sup>		kg	PU
211657	2,5 - 6	MC3	0,560	1
211659	2,5 - 6	MC4	0,560	1

### Crimpset „MULTI Photovoltaik“



**Innovative crimping tool with rapid change system - one tool for almost all crimping applications**

**Contents of set:** Crimping plier Multi (211962)  
Crimping dies for „Multi - Contact“ connectors MC3  
2,5 + 4 + 6 mm<sup>2</sup>, AWG 13/11/10  
Crimping dies for „Multi - Contact“ connectors MC4  
2,5 + 4 + 6 mm<sup>2</sup>, AWG 13/11/10

#### Other advantages:

- Screw less fast change system for crimping dies
- Single hand operation with expenditure energy
- With ratchet and built-in safety release, guarantees proper electrical connection
- Adjustable crimp pressure
- Chrome plated tool frame
- Additional purchase of other crimping dies possible
- Handy box protects pliers and dies



Art. no.	width	height	depth	kg	PU
212005	260	40	200	1,150	1

### Crimping pliers HUPStar Photovoltaic



for photovoltaic connectors. Crimp pliers for industrial users, revolving precision impression dies with parallel feed, changeable dies.

#### Pressing star 213084/E

##### Photovoltaics:

Amphenol Helios H4: 2.5 / 2.5 / 6, Multi-Contact MC3: 2.5 / 2.5 / 6  
Multi-Contact MC4: 2.5 / 2.5 / 6, Tyco Solarlok: 1.5 / 1.5 / 4.6



Art. no.	TL	mm <sup>2</sup>	kg	PU
213084	230	1,5 - 6	0,650	1
213084/E	dies	1,5 - 6	0,160	1



### HAUPA Crimp System for Photovoltaics



#### Crimp System Pliers for Photovoltaics

The basic hardware of the carrying case consists of:

- one pair of pliers, chromium-plated without crimping pliers insert
- one allen wrench (A/F 2.5 mm) • one open-jawed wrench (A/F 7)
- 2 pieces spare screws (M4 x 10/M4 x 16 mm)

#### Specificationen:

- Special crimping pliers for crimping solar contacts of almost all types of connector systems
- Guaranteed exact, solder-free, electric connections
- Parallel closing of the crimping dies
- 30 % reduction of hand force through optimized leverage
- Forced latching for reliable crimping, releasable
- Crimp pressure adjustable
- Long lever arm allowing single-hand and two-hand control
- Easy change of the crimping pliers inserts, Locator fitting option for the determination of the connector position
- Several crimping positions in one crimp die assembly
- Design: chromium-plated with black plastic handle
- Material: specially heat-treated special steel



Art. no.	mm <sup>2</sup>	kg	PU
212200	6	6 pcs.	0,998

#### Crimp inserts for "Huber & Suhner" contacts



212206	2,5 + 4 mm <sup>2</sup> , AWG 13/11	1
212208	4 + 6 mm <sup>2</sup> , AWG 13/11	1

#### Crimp inserts for "multi-contact" contacts



212210	MC3, 2,5 + 4 + 6 mm <sup>2</sup> , AWG 13/11/10	1
212212	MC3, Locator	1

#### Crimp inserts for "multi-contact" contacts



212214	MC4, 2,5 + 4 + 6 mm <sup>2</sup> , AWG 13/11/10	1
212216	MC4, Locator	1

#### Crimp insert for "Hirschmann" contacts



212218	2,5 + 4 + 6 mm <sup>2</sup> , AWG 13/11/10	1
--------	--	---

#### Crimp insert for "Tyco" contacts



212220	Tyco 1,5 + 2,5 + 4 + 6 mm <sup>2</sup>	1
212222	Locator for Tyco	1

#### Dies for Solar contacts Amphenol



212226	2,5 + 4 mm <sup>2</sup> , AWG 13/11	1
212228	2,5 + 4 mm <sup>2</sup> , AWG 13/11	1



## Crimping pliers for modular plugs

### INFO

#### Crimping pliers for modular plugs

Stripping and crimping in one step. The following distinctions can be made between Western plugs:

- 4pole plug for telephone, power supply
- 6pole plug for fax and telephone connection
- 8pole plug for ISDN and PC connections

#### Crimping pliers for modular plugs

for unshielded modular plugs, inexpensive. lightweight tool for the casual usage



Art. no.	crimp	kg	PU
210867	RJ10 4(4), RJ14	0,218	1
210865	RJ11 6(4), RJ12 6(4)	0,220	1
210869	RJ45	0,233	1

#### Crimping pliers for modular plugs

for unshielded modular plugs, with cable cutter and stripper, light construction (6p, 8p, 6DEC, 4p)



Art. no.	crimp	kg	PU
213050	RJ11 6(4), RJ12 6(4), RJ45, RJ10 4(4), RJ14	0,300	1

#### Crimping pliers for modular plugs

for unshielded modular plugs, with cable cutter and stripper. Exactly crimp process through parallel crimping, even crimping quality by means of safety catch



Art. no.	crimp	kg	PU
210857	RJ11, RJ12 6(4), RJ45	0,471	1

#### Crimping pliers for modular plugs

for unshielded modular plugs 4-,6- and 8pole plug, 6DEC, heavy construction, with linear stroke and locking device, with cable cutter and stripper. Exactly crimp process through parallel crimping, even crimping quality by means of safety catch



Art. no.	crimp	kg	PU
210871	RJ11 6(4), RJ12 6(4), RJ45, RJ10 4(4), RJ14	0,520	1

#### Crimping pliers for modular plugs

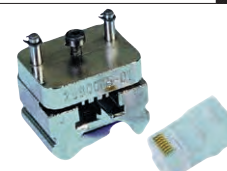
Semi-professional crimping pliers for shielded and unshielded Western plugs, with replaceable crimping dies, easy to use, light on the arms due to optimum leverage, optimum crimping, pliers body made of hardened quality steel, quick and simple replacement of crimping dies, adjustable crimping pressure and depth, application area for small and medium series, 50.000 working processes guaranteed, without dies



Art. no.	kg	PU
213000	0,420	1

#### Dies

for crimping pliers 213000



Art. no.	crimp	kg	PU
213002	RJ10 4(4)	0,082	1
213004	RJ11 6(4), RJ12 6(4)	0,081	1
213006	6DEC	0,080	1
213008	RJ45	0,076	1
213010	RJ50	0,074	1
213012	8pole, shielded	0,076	1
213014	10pole plug, shielded	0,071	1

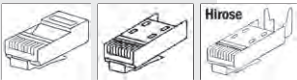
**haupa**

...convincing solutions

Germany: HAUPA, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com

### Crimping pliers for modular plugs

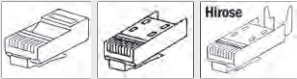
Professional crimping pliers for screened and unscreened Western plugs, with replaceable crimping dies, easy to use, light on the arms due to optimum leverage, optimum crimping, pliers body made of hardened quality steel, quick and simple replacement of crimping dies, adjustable crimping pressure and depth, application area for medium to large series, 50.000 working processes guaranteed, without dies



Art. no.	kg	PU
213020	0,474	1

### Dies

for crimping pliers 213020



Art. no.	crimp	kg	PU
213022	8pole, shielded	0,103	1
213024	10pole, shielded	0,102	1
213026	RJ10 4(4)	0,096	1
213028	RJ11 6(4), RJ12 6(4)	0,093	1
213030	6DEC	0,091	1
213032	RJ45	0,106	1
213034	RJ50	0,102	1
213036	8pole, CAT 5	0,106	1
213038	6pole, shielded	0,106	1
213040	8pole, shielded	0,113	1
213042	Ø 3,7 mm	0,030	1
213044	Ø 4,5 mm	0,030	1
213046	Ø 5,2 mm	0,030	1
213048	Ø 6,0 mm	0,030	1



213000



213020

### Network range

Case with insert. With tools for cable stripping, cutting, crimping and applying to strips, sockets or fields.

#### Content:

- 1 crimping pliers for Western plugs (213050)
- 1 wire stripper for UTP/STP data cable (200068)
- 1 Sensor input tool LSA for UTP and STP cable (300322)



Art. no.	kg	PU
300033	0,700	1

### Reference list for western plugs on the Internet:

#### Short to medium runs

[http://www.haupa.com/documents/html/d/katalog/ruk/crimp/datenblatt/referenzliste\\_westernstecker\\_k.htm](http://www.haupa.com/documents/html/d/katalog/ruk/crimp/datenblatt/referenzliste_westernstecker_k.htm)

#### Medium to large runs

[http://www.haupa.com/documents/html/d/katalog/ruk/crimp/datenblatt/referenzliste\\_westernstecker\\_g.htm](http://www.haupa.com/documents/html/d/katalog/ruk/crimp/datenblatt/referenzliste_westernstecker_g.htm)





## Multi-functional pliers



# INFO

## Crimp stars for open and closed tool frames

### Crimping pliers HUPstar from HAUPA

When it comes to high-end crimping technology for professional, industrial users, with the HUPstar HAUPA has succeeded in introducing a range which uses 3 different frame types to handle all common connection pressings simply by quickly and reliably replace the relevant star. Thus making it the ideal complete tool for your tool case and in the workshop.

### 7 versions of HUPstar are already permanent components of the range:

#### 1. End sleeves

Insulated crimp-style cable lugs

Ring cable lugs (DIN 46234 / DIN 46341)

#### 2. End sleeves 0.14 - 16 mm<sup>2</sup>

Open brass cable lugs

#### 3. Coaxial:

#### 4. Photovoltaics / Solar

#### 5. Fibre Optic Connector

#### 6. Twisted contacts, square

#### 7. Automotive contacts

The star can be changed in just 30 seconds!

The colour code on the stars enables fast and correct assignment.

The extremely precise parallel feed and the eroded precision crimp profile mean that this product has been very well received by the industry. Not just thanks to the high quality processing of the crimp star which is, thanks to the surface properties, TÜV guaranteed for around 80,000 precision crimps. After all a precise and safe normed crimp is the guarantee for complication-free, high quality and long-lasting connections.

Ergonomically, the HUPstar can, thanks to the short construction of the handles and the rather small opening angle, also be operated quickly, safely and gentle to joints even with small hands.

Due to the innovative manufacturing procedure, individual stars, designed for industrial customers, can also be made without additional costs.

## Multi-function pliers

### Tool frame „HUPstar“ – closed

Tool frame without star crimp, closed design for all of the following pressing stars



Art. no.	kg	PU
213077	0,400	1

### Tool frame „HUPstar“ – open

Tool frame without star crimp, open design specifically for connectors



Art. no.	kg	PU
213078	0,510	1



213086/E		
		DIN46234 DIN46341
0,5	0,1-0,25	0,25
0,75	0,5-1,0	0,5
1,5	1,5	1,0
2,5	2,5	1,5
4,0	4,0	2,5
6,0	6,0	4,0
10,0	-	6,0
-	-	10,0

213080/E	
0,14-0,25	0,14-0,25
0,25-0,5	0,25-0,5
0,75	0,75
1,0	1,0
1,5	1,5
2,5	2,5
4,0	2,54
6,0	6,0
10,0	-
16,0	-

213082/E
1,07
1,2
1,46
1,69
1,72
1,75
2,54
3,25
6,48
7,0
8,1
8,23
9,73
10,9

213098/E
Fibre Optic
1,69
2,5
3,0
3,25
3,65
4,2
4,52
4,95
5,0
6,5
10,9

213102/E
0,1
0,14
0,25
0,34
0,5
1,0
1,5
2,5
4,0
6,0
10
Locator for
ø 1,6
ø 2,5
ø 4,0

213100/E
Automotive
Hirose DF1B-2428SC UL1007 Litz wire
Hirose DF1B-2428PC UL1007 Litz 0,08; 0,14; 0,25
Hirose DF1B-30SC UL1007 Litz wire
Hirose DF1B-30PC UL1007 Litz 0,05
Hirose DF1B-2022SC, Hirose DF1B-2022PC 0,34; 0,50

213084/E - Photovoltaik			
Amphenol	Multi Contact	Multi Contact	Tyco
2,5	2,5	2,5	1,5
2,5	2,5	2,5	1,5
6,0	6,0	6,0	4,6



## Dies for HUPstar

### HUPstar

End sleeves 0.5 - 10 mm<sup>2</sup>

Insulated cable lugs 0.1 - 6 mm<sup>2</sup>

Ring cable lugs (DIN 46234 / DIN 46341) 0.25 - 10 mm<sup>2</sup>



Art. no.		kg	PU
213086/E	dies	0,160	1

### HUPstar

End sleeves 0.14 - 16 mm<sup>2</sup>

Socket sleeves 0.14 - 6 mm 0.14 - 6 mm



Art. no.		kg	PU
213080/E	dies	0,160	1

### HUPstar „Coaxial“

Coaxial

BNC, TNC, SNB, SNC, SMS, SMA, MCX, 1.07 - 10.9 mm



Art. no.		kg	PU
213082/E	dies	0,160	1

### HUPstar „Photovoltaic“

Photovoltaics / Solar

Amphenol Helios H4, multi-contact MC3/ MC4 2.5 - 6.0

Tyco Solarlok, 1.5 - 4.6 mm<sup>2</sup>



Art. no.		mm <sup>2</sup>	kg	PU
213084/E	dies	1,5 - 6	0,160	1

#### CONTACT SYSTEMS

Timer Contact System: Micro Timer I, Micro Timer II, Micro Timer III, Junior Power Timer, Standard Timer, Maxi Power Timer including Tab and Receptacle contacts from 0.2 - 10 mm<sup>2</sup>

#### APPLICATION DELPHI AUTOMOTIVE CONNECTION SYSTEMS

Ducon Series 0.8, 1.5, 2.8, 4.8, 6.3, 9.5 mm; GT 150 cable range from 0.35 - 1.00 mm. GT 280 cable range from 0.75 - 5.00mm; Metri-Pack 150, Metri-Pack 280, Metri-Pack 480, Metri-Pack 630, Micro 64, Micro-Pack 100, HES 1.0, HES 1.6, HES 2.4, HES 6, Molex MX64

### HUPstar „Fibre Optic Connector“

Fibre Optic Connector

1.69; 2.5; 3; 3.25; 3.65; 4.2; 4.52; 4.95; 5; 6.5; 10.9



Art. no.		kg	PU
213098/E	dies	0,170	1

### HUPstar „Twisted contacts, square“

Twisted contacts, square

0.1; 0.14; 0.25; 0.34; 0.5 1; 1.5; 2.5; 4; 6; 10

Locator for Ø 1.6; 2.5; 4



Art. no.		kg	PU
213102/E	dies	0,170	1

## HUPstar automotive

### Tool frame „HUPstar“ – automotive

Tool frame without star crimp, closed design for the automotive network



Art. no.		kg	PU
213079		0,300	1

### HUPstar

Automotive contacts

Hirose DF1B-2428SC UL1007

Litz wire

Hirose DF1B-2428PC UL1007

Litz wire 0.08; 0.14; 0.25

Hirose DF1B-30SC UL1007

Litz wire

Hirose DF1B-30PC UL1007

Litz wire 0.05

Hirose DF1B-2022SC, Hirose DF1B-2022PC

0.34; 0.50



Art. no.		kg	PU
213100/E	dies	0,170	1

**haupa®**

**...convincing solutions**

Germany: **HAUPA**, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com

## Multi-function pliers

### Crimping pliers Combi-Crimp

crimping pliers for insulated terminals 0,5 - 2,5 mm<sup>2</sup> and end sleeves 0,5 - 6 mm<sup>2</sup>



Art. no.	mm <sup>2</sup>	kg	PU
210784	0,5 - 4,0	0,560	1

### Crimpset X-Crimp including nylon bag

Crimping pliers used to quickly change HAUPA precision pressing inserts. Supplied in robust nylon bag (article 220260).

- Reliable crimping results just like with fixed pressing inserts
- Forced lock ensures standardised pressing actions
- Flat construction enables you to work precisely even when space is at a premium



#### Content:

Art. 211690  
Art. 210763/E  
Art. 210764/E  
Art. 210765/E  
Art. 210761/E



Art. no.		kg	PU
211692	set	0,900	1
220250	bag	6	1

### Crimping pliers X-Crimp

Crimping pliers used to quickly change HAUPA precision pressing inserts, including dies article 210761/E. Supplied in robust nylon bag (art. 220260).

- Reliable crimping results just like with fixed pressing inserts
- Forced lock ensures standardised pressing actions
- Flat construction enables you to work precisely even when space is at a premium



Art. no.	kg	PU
211690	0,566	1

### Crimping dies for insulated crimp cable lugs

for insulated crimp cable lugs, oval pressing



Art. no.	mm <sup>2</sup>	kg	PU
210761/E	0,5 - 6,0	0,053	1

### Crimping dies for uninsulated terminals

for uninsulated terminals, mandrel shape pressing



Art. no.	mm <sup>2</sup>	kg	PU
210764/E	1 - 10	0,111	1

### Crimping dies for flat connectors

for flat connectors, uninsulated open brass cable lugs, roll pressing



Art. no.	mm <sup>2</sup>	kg	PU
210762/E	0,5 - 6	0,111	1

### Crimping dies for TWIN end sleeves

for TWIN-end sleeves, trapezoid pressing



Art. no.	mm <sup>2</sup>	kg	PU
211676/E	0,5 - 6	0,050	1

### Crimping dies for end sleeves

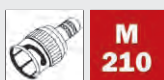
for end sleeves, trapezoid pressing



Art. no.	mm <sup>2</sup>	kg	PU
210763/E	0,5 - 4	0,072	1
210842/E	1 - 10	0,054	1
210765/E	1 - 10	0,111	1
211672/E	10 - 25	0,050	1

### Crimping dies for coaxial cable

for coaxial cable, hexagon pressing



Art. no.	crimp	kg	PU
210767/E	RG 58-59-62-6	0,050	1

### Crimping dies for Photovoltaik

for „multi-contact“ contacts



Art. no.	mm <sup>2</sup>	kg	PU
211657/E	2,5 - 6 MC3	0,050	1

### Crimping dies for Photovoltaik MC4

for „multi-contact“ contacts



Art. no.	mm <sup>2</sup>	kg	PU
211659/E	2,5 - 6 MC4	0,050	1

### Crimping dies for cable lugs / end sleeves

for end sleeves 0,5 - 6 mm<sup>2</sup> / cable lugs 0,5 - 2,5 mm<sup>2</sup>



Art. no.	mm <sup>2</sup>	kg	PU
210784/E	0,5 - 6,0	0,56	1

## Multi-function pliers

### Crimpset MULTI

**Innovative crimping tool with rapid change system for the expert - tools for almost all crimping applications**

#### Contents:

- crimping plier MULTI

Dies for:

- (211998) insulated terminals 0.5 - 6 mm<sup>2</sup>
- (211963) insulated and uninsulated end sleeves 0.5 - 16 mm<sup>2</sup>
- (211999) uninsulated terminals 0.5 - 10 mm<sup>2</sup>
- (210000) dies for BNC and TNC coaxial connectors RG 58-59-62-71

#### Product specifications

- fast change system • easy changing of crimp dies by means of thumb screws
- easy interlock • Nickel plated surface
- no big strength required
- with ratchet and built-in safety release, guarantees proper electrical connection
- adjustable crimp pressure
- Pliers body from 3 mm, specially compensated, hardened sheet steel
- ergonomic 2 component handle with soft synthetic material insert



Art. no.	width	height	depth	kg	PU
211960	260	40	200	1,119	1

### Crimping pliers „Multi“

Long version, also suitable for two-handed operation, no dies



Art. no.	kg	PU
211962	0,582	1

### More possibilities of dies - please, order separately

211963	End sleeves 0,5 - 16 mm <sup>2</sup>	1
211964	End sleeves 16 - 35 mm <sup>2</sup>	1
211965	Sockets 0.5 - 2.5 mm <sup>2</sup>	1
211990	Coax, Thinnet, Mini-UHF, BNC/TNC RG 58, RG 174	1
211991	Coax, BNC/TNC RG 174, RG 179, small coaxial connectors	1
211992	SMA, SMB, Mini-59, Mini-UHF, BNC/TNC RG 6, RG 6 Quad	1
211993	Coax, CATV "F" Typ, BNC/TNC RG 6, RG 6 Quad	1
211994	N-Typ RG 8, RG 11	1
211995	Coax, N-Typ RG 8, RG 11, RG 213, RG 216	1
211996	Fibre Optic, SMA Typ	1
211997	Fibre Optic, SMA, SMB, SFR, ST, SC Typ	1
211968	RJ 45 - 8P8K, Steward Connectors, 22-24 AWG	1
211969	RJ 11, RJ 12 - 6P6K, Steward Connectors, 22-24 AWG	1
211970	Telefon 4P4K, AMP+Steward Connectors, 22-24 AWG	1
211971	RJ 45 - 8P8K, AMP, 22-24 AWG	1
211972	RJ 11, RJ 12 - 6P6K, AMP, 22-24 AWG	1
211973	RJ 11, DEC MMJ - 6P6K, AMP, 22-24 AWG	1
211974	RJ 50 - 10P10K, AMP, 22-24 AWG	1
211980	RJ 45 - 8P8K, short, Steward Connectors, STP 22-24 AWG	1
211981	RJ 45 - 8P8K, long, Hirose, STP 22-24 AWG	1
211982	RJ 45 - 8P8K, short, Hirose, STP 22-24 AWG	1
211985	RJ 45 - 8P8K, AMP, Molex, for Ø 6.0 mm, STP 22-24 AWG	1
211998	insulated terminals 0,5-6,0 mm <sup>2</sup>	1
211999	uninsulated terminals 0,5-6,0 mm <sup>2</sup>	1
212000	Coax RG58-59-62-71	1
212007	MC3	1
212008	MC4	1

## Elektrik crimper

### HAUPA electric crimper

The Electric crimper is an ideal device to securely crimp wires and cable terminals such as:

- insulated cable lugs to 6 mm<sup>2</sup>/10 AWG
- Tubular cable lugs, solderl. terminals to 10 mm<sup>2</sup>/8 AWG
- Flat tab terminals to 6 mm<sup>2</sup>/10 AWG
- Wire end sleeves to 50 mm<sup>2</sup>/1 AWG

The Electric Crimper can be operated in one of two modes:

**Mode 1:** controls the entire crimp process by pressing down the pedal switch.

**Mode 2:** allows the user to fix the terminal on the cable by actuating the foot switch once. To finish the crimping process, he presses down the foot switch once again. Mode 2 is used for more complex terminals. The onset of compression force can be adjusted for each new terminal to satisfy crimp integrity. That way, damage to dies and terminals can be minimised. Simply press a button to select the opening for each die. Since some female terminals are more difficult to crimp, a moveable locator can be utilised to ensure proper crimping. Various standard dies are available, as well as dies designed to customer specifications.

Technical Data Art. No. 217050: Dimensions (w x h x d): 140 x 220 x 320 mm  
Weight: 10 kg / Weight of foot pedal: 1.2 kg / Max. press capacity: 10 kN  
Pressing time: 1 s / Counter: -digit LCD display /  
Mains connection: 30 V/50 Hz (120 V/60 Hz) / Power consumption: 160 VA



Art. no.	mm <sup>2</sup>	kg	PU
217050	6 - 50	10,000	1

### Dies for elektro crimper 217050

217052	Rolled contacts 0.14-1/1.5/2.5/4 mm <sup>2</sup>	1
217056	Rolled contacts 0.1-1.5 mm <sup>2</sup>	1
217058	Rolled crimp contacts 0.1-1.5 mm <sup>2</sup>	1
217060	Rolled crimp contacts 0.5-6 mm <sup>2</sup>	1
217062	End sleeves 0.25-6 mm <sup>2</sup>	1
217064	Insolated terminals 0.5-6 mm <sup>2</sup> symetric	1
217066	Insolated terminals 0.5-6 mm <sup>2</sup> asymeric	1
217068	Tube terminals 0.34-2.5 mm <sup>2</sup>	1
217070	Tube terminals "super flex" 4-10 mm <sup>2</sup>	1
217072	Tube terminals "standard" 4-10 mm <sup>2</sup>	1
217074	Crimping terminals 4-10 mm <sup>2</sup>	1
217076	Crimping terminals 0.5-10 mm <sup>2</sup>	1
217078	Protection cover to 21 70 56, 21 70 60	1
217080	Protection cover to 21 70 70, 21 70 72, 21 70 74, 21 70 76	1
217082	Protection cover to 21 70 68	1
217084	Protection cover to 21 70 62	1
217086	Protection cover to 21 70 64, 21 70 66	1
217088	Locator to 21 70 60, socket sleeves 6.3 mm	1
217090	Locator to 21 70 56, 21 70 58, 21 70 60, socket sleeves 4.8 mm	1
217092	Locator to 21 70 56, socket sleeves (female) 2.8 x 5 mm	1
217094	Locator to 21 70 56, socket sleeves (female) 2.8 x 6 mm	1
217096	Locator to 21 70 60, socket (male) 6.3 mm	1
217098	Locator to 21 70 60, socket (male) 6.3 mm HN	1

**haupa®**

**...convincing solutions**

Germany: HAUPA, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com





## Crimping pliers for uninsulated tubular cable lugs

### 1. Choosing the connector

To achieve a standard-compliant connection it is necessary to choose the correct connector for the application and the right cable cross section.

### 2. Stripping

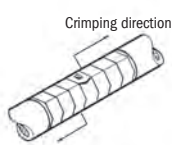
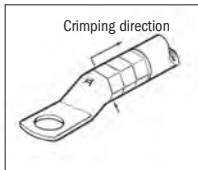
Before notching, the cable must be stripped according to the insertion length (+10% due to change in length of the crimping sleeve).

### 3. Cleaning

The ends of the wire must be cleaned thoroughly to remove all traces of dirt and oxidation before being assembled.

### 4. Assembly

Insert the cable into the cable lug or connector to its full insertion length. Crimp the cable lug or connector with the correct tool, taking account of the crimping direction (see figure).



Tube cable lugs



DIN cable lugs



Butt connectors, DIN



## Crimping pliers

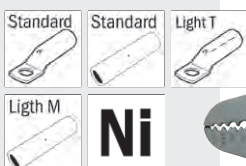
for non insulated crimp cable lugs, lever translated version for better transmission of force, with **mandrel pressing**, for standard tubular cable lugs and connectors. Particularly well suited to nickel tubular cable lugs and connectors



Art. no.	mm <sup>2</sup>	kg	PU
210772	1-2,5-4 > 6-10	1 - 10	0,478 1
210774	1 > 2-6-10-16	1 - 16	0,503 1

## Crimping pliers

Lever translated version for better transmission of force, with **mandrel pressing**, for standard tubular cable lugs and connectors. Particularly well suited to nickel tubular cable lugs and connectors



Art. no.	mm <sup>2</sup>	kg	PU
210830	0,75 - 16	standard	0,574 1

## Crimping pliers

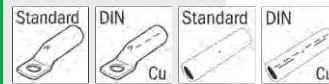
with punch and adjustable screw for different cross-sections, for standard tube terminals and connectors, **mandrel shape pressing**



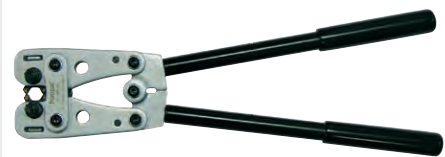
Art. no.	mm <sup>2</sup>	kg	PU
210791	10 - 120	3,040	1

## Crimping pliers

with built-in rotatable profile disk, **hexagon pressing**



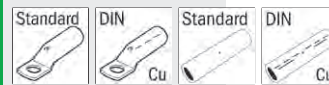
Video 210805



Art. no.	mm <sup>2</sup>	kg	PU
210805	6 - 50	standard	1,351 1
210805 K	6 - 50	DIN	1,352 1

## Crimping pliers

with built-in rotatable profile disk, **hexagon pressing**



Art. no.	mm <sup>2</sup>	kg	PU
210850	10 - 120	standard	3,970 1
210853	10 - 120	DIN	4,016 1

## Crimping pliers

for uninsulated "Standard" tube terminals/connectors and tube terminals for fine-wire cables, with integrated rotatable profile disc, **mandrel shape pressing**, with telescopic grips



Art. no.	mm <sup>2</sup>	kg	PU
210834	6 - 50	2,588	1
210836	50 - 120	5,280	1
210838	120 - 240	5,200	1
210840	185 - 400	5,200	1

# INFO

## Mechanical crimping pliers for tubular cable lugs

Mechanical crimping tool characterised by its compact design. It is possible to make crimps even in confined working conditions, where conventional large tools cannot be used.

The mature construction of the drive has proven its reliability many times over in practice. In this manual crimping tool very little wear can be seen even after many years of use, this is decisive for the reliable repetition of the required crimping depth. After all, today's highly stressed crimped connections only comply with safety regulations when the required electrical and mechanical values are achieved over long periods.

Another safety aspect is that the crimping tool can only be detached from the crimped lug when the required crimping depth has been reached. By turning the wheel on the handle in an anti-clockwise direction the crimping inset can be set in position on the lug. Only then does the actual crimping process begin with the one-hand lever.

The quality of the crimped connection is dependent on the choice of cable lug, the crimp inset and the correct choice of cable cross section.

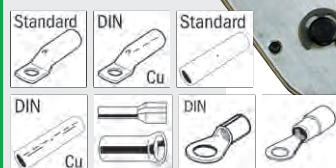
## Crimping pliers

one hand precise tool, with ratchet and built-in-force-blocking device, crimping pressure 20 kN, interchangeable dies, easy to remove from the crimped lug by opening the crimping head, special small design for working in small areas



### Product-specific features

- outstanding manageability
- compact construction
- precision drive
- fast forward feed
- can be used anywhere



Art. no.	mm <sup>2</sup>	kg	PU
215000	6 - 50	1,531	1

## Metal box

for storing of crimping pliers and dies

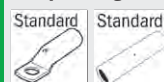


Art. no.	kg	PU
215002	0,934	1

## Crimping dies

for standard cable lugs and compacted cables, suitable for compacted cables

### WM pressing



Art. no.	mm <sup>2</sup>	kg	PU
215004	10	0,041	1
215006	16	0,040	1
215008	25	0,037	1
215010	35	0,036	1
215012	50	0,033	1

## Crimping dies

for crimping terminals DIN, hexagon pressing



Art. no.	Cu	Al	Id.	kg	PU
215030	6	-	5	0,100	1
215032	10	-	6	0,100	1
215034	16	10	8	0,100	1
215036	25	16	10	0,150	1
215038	35	25	12	0,150	1
215040	50	35	14	0,150	1

## Crimping dies

noninsulated crimping terminals, mandrel shape pressing, DIN 46234



Art. no.	mm <sup>2</sup>	kg	PU
215014	6	0,018	1
215016	10	0,190	1
215018	16	0,190	1
215020	25	0,190	1
215022	35	0,020	1
215024	6 - 35	0,020	1

## Crimping dies

noninsulated crimping terminals, mandrel shape pressing, DIN 46234



Art. no.	mm <sup>2</sup>	kg	PU
215026	10	0,039	1
215028	16	0,039	1

## Crimping dies

for end sleeves, trapezoid pressing



Art. no.	mm <sup>2</sup>	kg	PU
215042	6	0,150	1
215044	10	0,150	1
215046	16	0,150	1
215048	25	0,200	1
215050	35	0,200	1

**haupa®**

**...convincing solutions**

Germany: HAUPA, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com



## Mechanical crimping pliers for tubular cable lugs

These mechanical manual crimping pliers are modern, high performance tools. They can be used anywhere in the wide range of solder-free connection technology thanks to a comprehensive range of crimping dies.

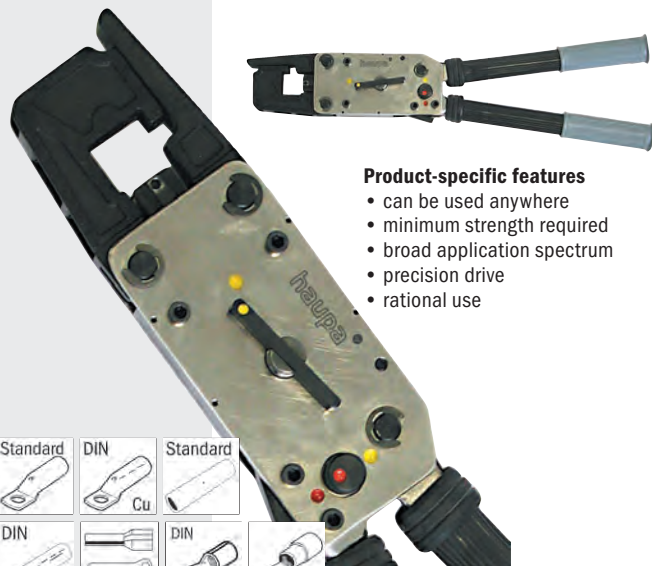
Crimping stroke and pressure (to approx. 5.5 t) are created by several hand lever movements. The manual force required is low due to the high efficiency of the system. The press and the connecting parts can only be separated from one another when the crimp is complete. This drive system ensures that the required crimping depth is always achieved. The hinged cover guarantees comfortable handling of the press, even in awkward-to-reach positions such as in control cabinets.

By turning the fast forward feed lever to place the crimp inset on the cable lug, the number of manual lever movements is considerably reduced and rational work is guaranteed.

Only then does the actual crimping process begin with the hand lever. When the required crimping depth has been reached the press releases pressure spontaneously and the hinged cover can be opened to remove the connector. The crimping process can be interrupted if an error has been made in the choice of the inset, cable lug or cable. To do this swing the hand lever completely out, depress the ratchet and turn the forward feed lever backwards.

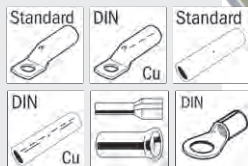
## Crimping pliers

precise tool with ratchet and built-in-force-locking device, crimping pressure 50 kN, interchangeable dies, easy to remove from the crimped lug by opening the crimping head



### Product-specific features

- can be used anywhere
- minimum strength required
- broad application spectrum
- precision drive
- rational use



Art. no.	mm <sup>2</sup>	kg	PU
215100	6 - 120	2,100	1

## Metal box

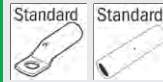
for storing of crimping pliers and dies



Art. no.	kg	PU
215102	1,700	1

## Crimping dies

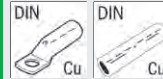
for standard cable lugs and compacted cables, **WM pressing**



Art. no.	mm <sup>2</sup>	kg	PU
215104	10 - 70	0,130	1
215106	16 - 35	0,132	1
215108	25 - 50	0,126	1
215110	95	0,138	1
215112	120	0,136	1

## Crimping dies

for crimping terminals DIN, **hexagonal pressing**



Art. no.	Cu	Al	Id.	kg	PU
215142		10 - 50	6 - 16	0,128	1
215144	16 - 35	-25	8 - 12	0,130	1
215146	25 - 50	16 - 35	10 - 14	0,130	1
215148	95	70	18	0,130	1
215150	120		20	0,130	1

## Crimping dies

for uninsulated crimping terminals, for up to four diameter, **mandrel shape pressing**, DIN 46234 + DIN 46341



Art. no.	mm <sup>2</sup>	kg	PU
215114	6 - 70	0,080	1
215116	10 - 35	0,060	1
215118	16 - 50	0,055	1
215120	6 - 50	0,150	1
215122	70	0,150	1

## Crimping dies

for insulated crimping terminals, **oval pressing**



Art. no.	mm <sup>2</sup>	kg	PU
215124	10	0,147	1
215126	16	0,152	1
215128	25	0,153	1
215130	35	0,154	1

## Crimping dies

for rounding of square copper and aluminium



Art. no.	mm <sup>2</sup>	kg	PU
215152	25 - 35	0,155	1
215154	35 - 70	0,150	1
215156	95	0,150	1

## Crimping dies

for end sleeves, **trapezoid pressing**



Art. no.	mm <sup>2</sup>	kg	PU
215164	25	0,059	1
215166	35	0,059	1
215168	50	0,059	1
215170	70	0,059	1
215172	95	0,059	1



# INFO

## Mechanical crimping pliers for tubular cable lugs

In this hand press the crimping stroke is produced by a number of hand lever movements. The transport ratchet starts the eccentric wheel moving and con-rods convert the eccentric turning motion into a straight-line stroke of the guide that runs in grooves.

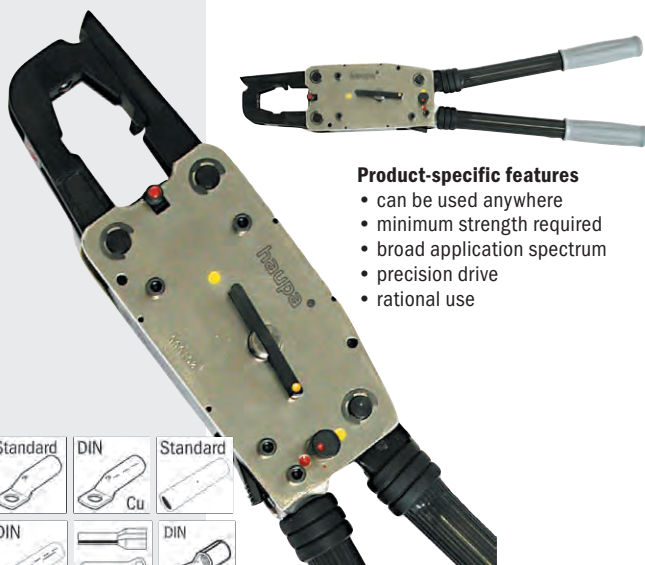
The bottom crimping inset is placed in the guide. It sits on an adjustment plate that is screwed on to the guide. This plate compensates for all the tolerances resulting from the manufacturing process or wear and tear.

By turning the wheel on the handle in an anti-clockwise direction the crimping inset can be transported directly to the installation on the connecting part. Only then does the actual crimping process begin with the hand lever. When the required crimping depth has been reached the press releases the pressure spontaneously and the hinged cover can be opened to remove the connector.

The crimping process can be interrupted if an error has been made in the classification of the inset, cable lug or cable. To do this swing the hand lever completely out, depress the ratchet and turn the forward feed lever backwards. The quality of the crimped connection is dependent on the choice of cable lug, the crimp inset and the correct choice of cable cross section.

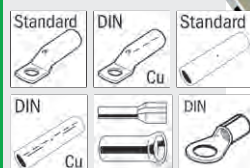
## Crimping pliers

precise tool with ratchet and built-in-force-locking device, interchangeable dies, easy to remove from the crimped lug by opening the crimping head



### Product-specific features

- can be used anywhere
- minimum strength required
- broad application spectrum
- precision drive
- rational use



Art. no.	mm <sup>2</sup>	kg	PU
215200	10 - 240	4,500	1

## Metal box

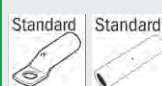
for storing of crimping pliers and dies



Art. no.	kg	PU
215202	3,700	1

## Crimping dies

for standard cable lugs and compacted cables, **WM pressing**



Art. no.	mm <sup>2</sup>	kg	PU
215204	10 - 25	0,221	1
215206	16 - 35	0,320	1
215208	50	0,349	1
215210	70	0,331	1
215212	95	0,330	1
215201	120	2,486	1
215203	150	0,308	1
215205	185	0,317	1
215207	240	0,300	1

## Crimping dies

for crimping terminals DIN, **hexagon pressing**



Art. no.	Cu	Al	Id.	kg	PU
215230	10		6	0,350	1
215232	16		8	0,330	1
215234	25	16	10	0,328	1
215236	35	25	12	0,330	1
215238	50	35	14	0,326	1
215240	70	50	16	0,326	1
215242	95	70	18	0,321	1
215244	120		20	0,300	1
215246	150	95-120	22	0,305	1
215248	185	150	25	0,305	1
215250	240	185	28	0,290	1

## Crimping dies

for uninsulated crimping terminals, **mandrel shape pressing**, DIN 46234 + DIN 46341



Art. no.	mm <sup>2</sup>	kg	PU
215214	10 - 70	0,178	1
215216	95 - 150	0,169	1
215218	10 - 70	0,163	1
215220	16 - 35	0,170	1
215222	25 - 50	0,163	1
215224	95	0,161	1
215226	120	0,152	1
215228	150	0,144	1

## Crimping dies

for end sleeves, **trapezoid pressing**



Art. no.	mm <sup>2</sup>	kg	PU
215252	16	0,400	1
215254	25	0,380	1
215256	35	0,381	1
215258	50	0,361	1
215260	70	0,400	1
215262	95	0,363	1
215264	120	0,401	1

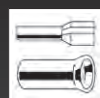
**haupa**

...convincing solutions

Germany: HAUPA, Koenigstr. 165-169, 42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, sales@haupa.com



## Pictogram cable connectors



**End sleeves**



**TWIN end sleeves**



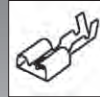
**Insulated crimp-style  
cable lugs**



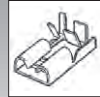
**Insulated shrink connectors**



**non-insulated cable lugs**



**Socket sleeves (female)**



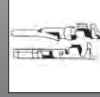
**Socket sleeves (female)  
with cable stop**



**Coaxial connectors**



**for twisted contacts and  
connectors**



**for rolled contacts and  
connectors**



**for D-Sub connectors**



**Multi-contact M3  
for Photovoltaics**



**Multi-contact M4  
for Photovoltaics**



**Amphenol  
for Photovoltaics**



**Tyco-Solar  
for Photovoltaics**



**Connectors for  
modular connectors**



**Stewart connectors for  
modular connectors**



**Hirose connectors for modular  
connectors**



**non-insulated cable lugs  
DIN 46234**



**non-insulated connectors  
DIN 46341**



**standard tubular terminals**



**DIN tubular terminals CU**



**DIN tubular terminals AL**



**standard tubular  
terminals, light**



**Nylon-insulated tubular  
cable terminals**



**standard connectors CU**



**DIN connectors CU**



**DIN connectors AL**



**standard connectors, light**



**F-type**



**Deep indent connectors**



**Four thorn pressing  
without inserts**

## Pictogram press-profiles

Technical notes for the various pressing formats for the pressing of cables using HAUPA cable lugs and connectors.

The following pressing formats are available:



### Hexagonal pressing

for pressing standard CU tubular terminals and connectors, tubular terminals for switching device connections, pressing cable lugs and connectors DIN 46235/DIN 46267, Al pressing cable lugs and connectors and end sleeves



### Mandrel shape pressing

for pressing of standard CU tubular terminals and connectors, tubular terminals for switching device connections, crimp-style cable lugs DIN 46234 and pin cable lugs DIN 46230, insulated crimp-style cable lugs, conduit terminals for fine-wired conductors, nickel tubular terminals and connectors



### Oval pressing

for pressing of dual pressing cable lugs, C clamps, insulated tubular terminals and connectors, insulated pin cable lugs, press connectors DIN 48217, insulated cable connections



### Trapezoidal pressing

for pressing of end sleeves ends and twin end sleeves



### Square pressing

for pressing of end sleeves ends and twin end sleeves



### Hexagonal pressing

for pressing of end sleeves



### Square pressing

Multi-contact  
Application area:  
Photovoltaics, twisted contacts



### Roll pressing

for pressing of brass cable lugs, D-Sub, MC4



### WM pressing

for standard cable lugs and compacted cables



### Round pressing

of sector-shaped conductors 90° and 120°



### Four thorn pressing

for pressing standard tubular terminals and connectors - also on sealed conductors - F-type tubular terminals and connectors  
Light cable lugs and connectors  
Tubular terminals = Switching device connections