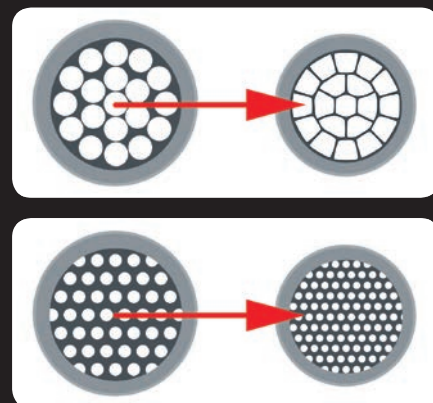


Crimping and compression tools for pressing on thinned/compacted conductors

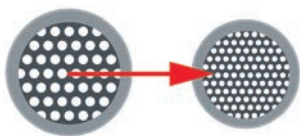


The cross-section of thinned / compacted conductors is smaller than on not compacted conductors.

The security risk during the confection is that the cable lugs/connectors as well as the sleeves cannot be installed in accordance with standard.

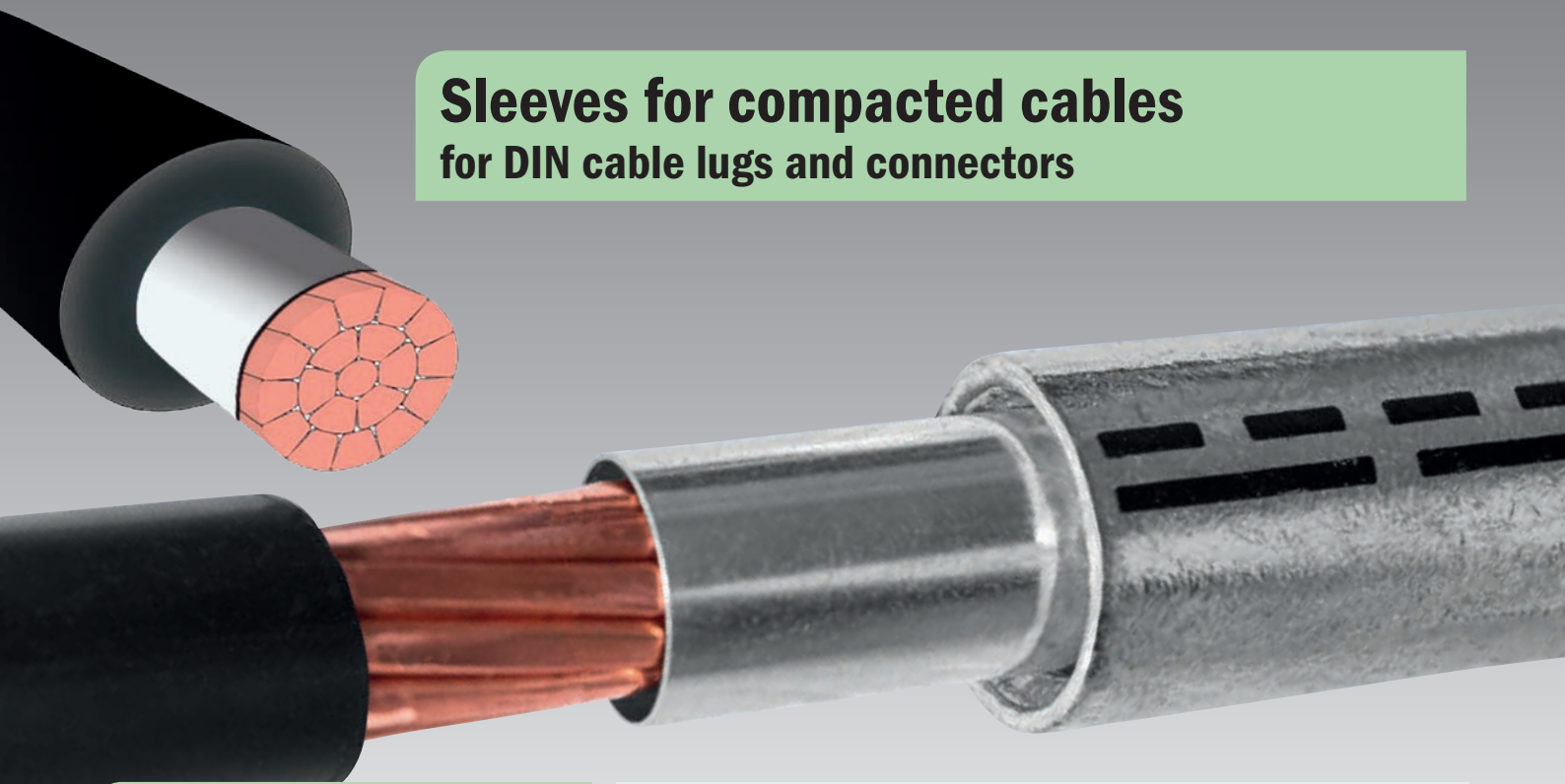
Crimping pliers for pressing end sleeves on thinned conductors

Special precision crimping profiles for thinned conductors



				213088	mm ² 0,25 - 16
				211652	mm ² 6 - 16
				211672	mm ² 10 - 25
				210768	mm ² 10 - 35
				211674	mm ² 25 - 50
				210788	mm ² 10 - 50
				210789	mm ² 50 - 95
				210804	mm ² 0,08 - 10
				211816	mm ² 0,08 - 16
				211805	mm ² 0,08 - 6
				211818	mm ² 0,08 - 10
				210819	mm ² 0,08 - 10
				211810	mm ² 0,08 - 16

Sleeves for compacted cables for DIN cable lugs and connectors



Sleeves for compacted round cables DIN

For multi-wire, compacted conductors (e.g. VDE 0295 Class 2). Allows the use of HAUPA DIN cable lugs and connectors for compacted conductors.



Art. no.	mm ²	d1	d4	l	PU	VE
290561	16	5,0	5,3	16	100	100
290562	25	6,4	6,7	16	100	100
290563	35	7,7	8,2	17	100	100
290564	50	9,0	9,5	23	100	50
290565	70	10,6	11,2	24	100	50
290566	95	12,4	13,0	28	100	50
290567	120	13,9	14,5	30	100	50
290568	150	15,4	16,0	30	100	25
290569	185	17,6	18,2	38	100	25
290570	240	19,9	20,5	38	100	25
290571	300	22,4	23,0	48	100	5
290572	400	25,4	26,2	58	100	5

Specifications

Sleeves for compacted copper round cables, for securely pressed and processed DIN cable lugs and connectors.

The diameters of compacted conductors are smaller than for non-compacted conductors with the same nominal cross-section. The resulting problem with the ready-made cable is that the DIN cable lugs and connectors cannot always be attached according to the standard and thus pose a safety risk.

The DIN cable lugs and connectors therefore do not meet the tensile forces specified in the standard. Therefore, secure and tension-resistant connection according to standard is not ensured.

Advantages when using sleeves for compacted conductors in connection with DIN cable lugs and connectors:

- Sleeve serves as diameter compensation for multi-wire, compacted conductors e.g. VDE 0295 Class 2.
- DIN cable lugs and connectors can be pressed according to standard on compacted conductors using HAUPA DIN compression tools.
- Faulty connections are ruled out.
- Existing DIN compression tools can be used.

Properties

- For conductor cross sections ranging from 16 to 400 mm²

Material

- CU according to EN 13600
- Annealed material for optimum material and compression properties

Surface

- Tin-plated for protection against corrosion

Hydraulic compression tools for pressing on thinned/compacted conductors

Slim pressing



The pressing tools 216801 / M and 216800 additionally monitor the pressing pressure electronically. An LED indicates the end of the compression process. Quality of the pressing.

- Light is green: Pressing completed as standard, motor stopped
- Light is orange: Battery voltage not sufficient
- Light is red: Pressing interrupted before completed

Crimping dies for standard tube cable lugs, serie 300



• Pressing force kN: 60 • Working pressure in bar: 700 • Opening/ Hub: 17 mm • Pressing width: slim

Dies for standard tube cable lugs and connectors

for standard tube cable lugs, even on thinned/compacted conductors,
WM profile



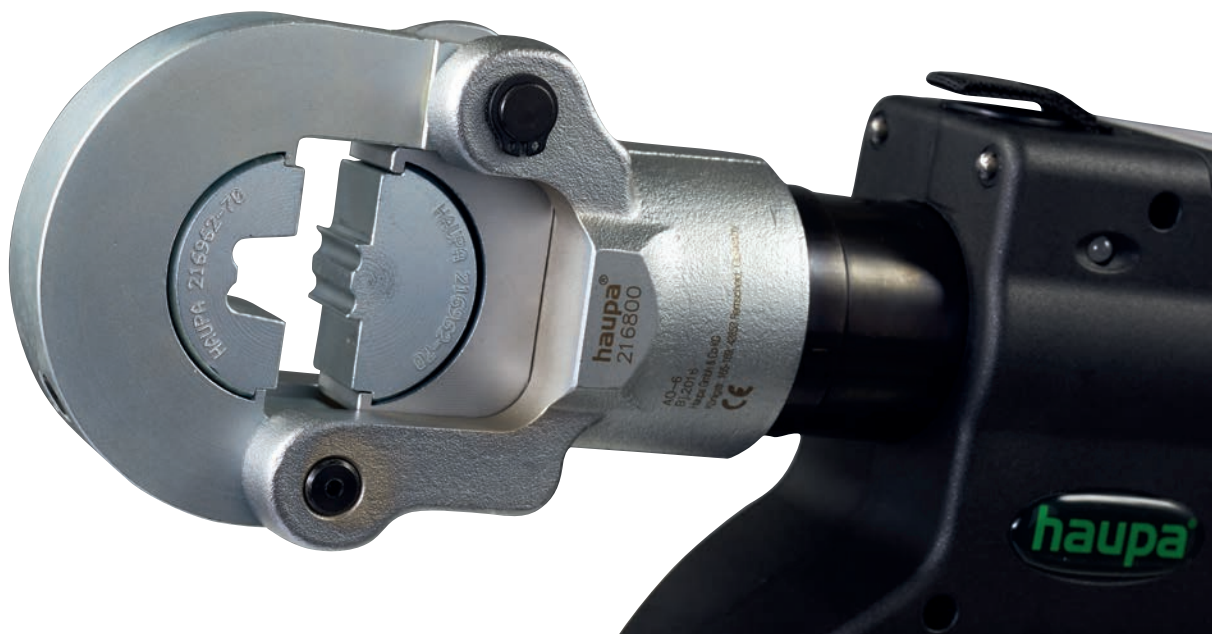
Art. no.	mm ²	PW	kg	PU
216806/V	6	5	0,136	1
216808/V	10	5	0,136	1
216810/V	16	5	0,136	1
216812/V	25	5	0,135	1
216814/V	35	5	0,135	1
216816/V	50	5	0,134	1
216818/V	70	5	0,132	1
216820/V	95	5	0,132	1
216822/V	120	5	0,130	1
216824/V	150	5	0,128	1
216826/V	185	5	0,125	1
216828/V	240	5	0,121	1
216830/V	300	5	0,118	1

Dies für end sleeves

for endsleeves on thinned conductors, wave profile



Art. no.	mm ²	PW	kg	PU
216950	6	21	0,120	1
216952	10	21	0,120	1
216954	16	21	0,120	1
216956	25	21	0,120	1
216958	35	21	0,120	1
216960	50	21	0,120	1
216962	70	21	0,120	1
216964	95	21	0,120	1
216966	120	21	0,120	1
216968	150	21	0,120	1
216970	185	21	0,120	1
216972	240	21	0,120	1



Hydraulic compression tools for pressing on thinned/compacted conductors

Wide pressing

			
		mm ² 50 - 240	mm ² 10 - 400
		mm ² 50 - 240	mm ² 10 - 400
		mm ² 50 - 240	mm ² 10 - 400

The pressing tools 216601, 216622 and 216503 additionally monitor the pressing pressure electronically. An LED indicates the end of the compression process.

- Light is green: Pressing completed as standard, motor stopped
- Light is orange: Battery voltage not sufficient
- Light is red: Pressing interrupted before completed

Crimping dies for standard tube cable lugs, serie 400



• Pressing force kN: 120 • Working pressure in bar: 700 • Opening/ Hub: 25 mm • Pressing width: wide

Dies for standard tube cable lugs and connectors



for standard tube cable lugs, even on thinned/compacted conductors,
WM profile

Art. no.	mm ²	PW	kg	PU
216008/V	10	10	0,211	1
216010/V	16	10	0,212	1
216012/V	25	10	0,210	1
216014/V	35	13	0,207	1
216016/V	50	13	0,224	1
216018/V	70	14	0,221	1
216020/V	95	14	0,226	1
216022/V	120	14	0,200	1
216024/V	150	11	0,200	1
216026/V	185	11	0,191	1
216028/V	240	11	0,186	1
216030/V	300	11	0,200	1
216032/V	400	11	0,200	1

Dies für end sleeves



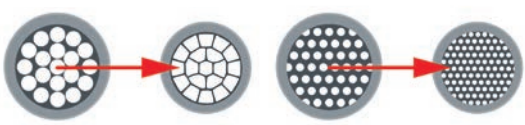
for endsleeves on thinned conductors, **wave profile**

Art. no.	mm ²	PW	kg	PU
216112	50	26	0,194	1
216114	70	26	0,200	1
216116	95	26	0,188	1
216118	120	26	0,200	1
216120	150	26	0,200	1
216122	185	26	0,200	1
216123	240	26	0,200	1



Mechanical crimping tools for pressing on thinned/compacted conductors

Indent pressing standard, dieless

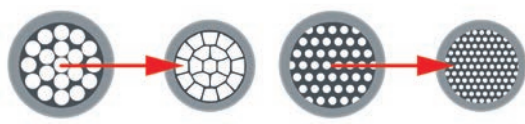
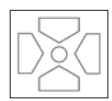
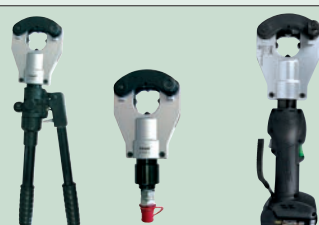
		 standard
	 210830	0,75 - 16 mm ²
	 210834 210836 210838 210840	6 - 50 mm ² 50 - 120 mm ² 120 - 240 mm ² 185 - 400 mm ²

The HAUPA well known mechanical crimping tool for indent crimps has the same advantages like the WM crimping profile of the dies. Due to the deep indent during the compression process the cross-section gap will be compensated according to the norm.



Dieless hydraulic compression tools for pressing on thinned/compacted conductors

Indent pressing standard, dieless

		 standard
	 216660 216665 216663 216663/M Sensor	mm ² 16 - 300
	 216661 216666 216667 216667/M Sensor	mm ² 25 - 400
	 216669 216669/M Sensor	mm ² 10 - 240

These hydraulic indent compression tools automatically adjust themselves to the conductor cross-section. When the pressure required by the standard is reached, the pressure sensor switches off and the piston can be retracted.

SENSOR

The pressing tools of "M"-Serie additionally monitor the pressing pressure electronically. An LED indicates the end of the compression process.

- Light is green: Pressing completed as standard, motor stopped
- Light is orange: Battery voltage not sufficient
- Light is red: Pressing interrupted before completed

According to the norm DIN compression cable lugs have to be compressed with hexagonal dies!

