Electro-hydraulic crimping tools

„SD300-6“ / „SD400-6“

Art. 216663-1 / 216667-1

Video 216663/M

Video 216667/M

DIN EN ISO 9001 ZERTIFIKAT

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1. Technical data

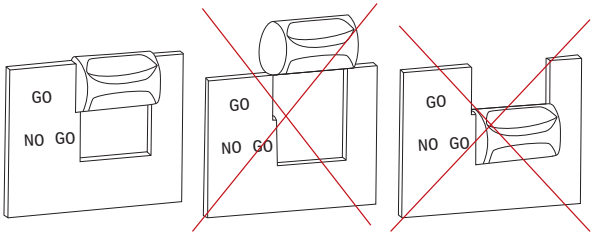
Area of application:	For the creation of an electrical connection by means of compression
Scope of delivery:	1 crimping tool, 1 charger, 1 battery, 1 carry loop, in plastic case, without pressing dies.
Pressing force:	60 kN
Oil type:	ISO class viscosity 15
Safety:	The tool is fitted with a safety value that has been set at the factory.
Structure:	The working head can be rotated by 180° to make it easier to adapt to the operation to be carried out. The model Art. 216801 does not protect the operator when working on cables that carry power.
Guarantee:	2 year guarantee if used for the purpose it is intended.

2. Area of work

- Pressing force: 60 kN
- Working pressure in bar: 700
- Pressing width: thorn
- Crimping range cable lugs: 216663: Cu 16-300 / 216667: Cu 25-400
- Crimping range connectors: 216663: Cu 16-120 / 216667: Cu 25-400
- Pressing time, battery-operated in sec.: 6-12
- Battery charging time in min.: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight in kg: 216663: 2,4 / 216667: 2,4
- Weight set in kg: 216663: 7,9 / 216667: 7,9

Art. 216660/L

Art. 216660/B

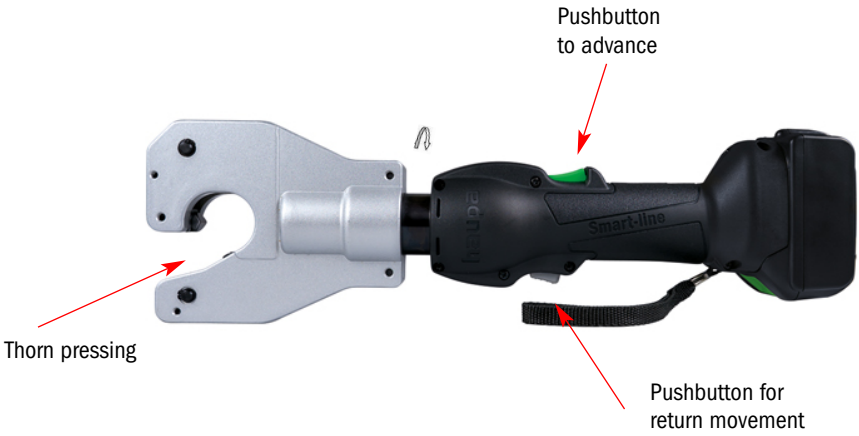


Video

Extent of supply:
10 x Test pin 216660/L
1 x Template for four mandrel Pressing 216660/L

Preparation:
Before starting up the tool, read the operating instructions first.
All current-carrying elements in the area you are working in should be disconnected.
Otherwise the protective procedures for working in the vicinity of components under current must be implemented. (DIN EN 50110)
Do not use the tool if you are tired or under the influence of medication, drugs or alcohol.
Take into account the valid accident prevention and safety regulations and use the tool exclusively for the purpose for which it is intended.
Only electro-technically trained persons over 16 years of age may process connecting materials using the tool.
The operating instructions must always be carried with the tool.
The instructions must have been read and understood by the user.
The operator must ensure that this is the case.

Start:
- The device has a manual return that brings the piston back to the starting point when the maximum pressing force has been achieved.
- The pressing head can be infinitely rotated by 360° about the longitudinal axis. This enables mounting even in difficult to access locations.
- The pressing head has centring pins which ensure automatic centring of the connection material in the pressing head.



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Mounting and unmounting the battery

Charger specifications

Model Nr.:	215527
Input:	100 – 240 V AC
Frequency:	50 / 60 Hz
Output V:	21 V
Output A:	1 A
Weight:	0,164 kg
Measurements:	92 mm (L) x 47 mm (B) x 45 mm (H)

Charger:

Connecting battery to charger:

HAUPA GmbH & Co. KG, Königstraße 165-169, D-42853 Remscheid,
Tel.: +49 (0) 2191 8418-0. Fax: +49 (0) 2191 8418840, E-Mail: sales@haupa.com. Subject to technical changes and printing errors.

215523 (2 Ah)

215525 (4 Ah)

2 Ah Battery Specifications

Model Nr.:	215523
Voltage:	18 V
Weight:	0,35 kg
Measurements:	114 mm (L) x 73,5 mm (B) x 67 mm (H)
est. Charging Time:	approx. 30 Min
Capacity:	2 Ah

4 Ah Battery Specifications

Model Nr.:	215525
Voltage:	18 V
Weight:	0,58 kg
Measurements:	114 mm (L) x 73,5 mm (B) x 67 mm (H)
est. Charging Time:	approx. 60 Min
Capacity:	4 Ah

LED charge indicator: (Pressing the button will light up LEDs)

HAUPA is not liable for wrong or unintended use

Please remove the battery after use and keep it removed when storing the tool!

3. Notes regarding correct use

Before you start work, all active, thus current-carrying elements in the area around the assembler must be switched to without power. If this is not possible, protective procedures for working in the vicinity of components under current must be implemented. The charge status of the battery should be checked before you start work

3.1. Operating the device

First, the bolt is removed and the bar opened. The connection material is place centrally between the 4 pressing spikes.

Caution!

If the pressing is not centred, this may result in damage to the pressing head!
Then the pressing head is fully closed up again. The actuation of the operating switch triggers the pressing procedure which is characterised by the meeting of the pressing spikes. A pressing procedure is completed when the pressing spikes have been joined and the device switches over to idle.
The return of the piston is carried out manually after the maximum operating excess pressure is reached. Then a further pressing procedure can be carried out or the bar can be opened and the connection material removed from the pressing head.

Before reaching into the pressing head, remove the battery to ensure that the device is not activated accidentally.
Pressing the reset button brings the pressing spikes back to the starting position in the event of faults or an emergency.

The pressing procedure can be interrupted at any time by releasing the operating switch.

3.2. Explanation of the areas of application

The pressing tool has pressing spikes that use force to compress copper and aluminium connection materials without the need to change tools.

5. Care and maintenance

Cleaning

- Careful cleaning of the tool, in particular, the moving parts contributes towards a longer useful life. Remember that dust, sand, environmental influences, in particular a high salt index, and dirt in general are extremely damaging to hydraulic tools.

Power switch

Check to see whether the switch on the machine automatically pops out again when you release it.

Storage

To prevent damage to the tool as a result of bumps, dust etc. you should if possible store the tools in the original packaging.

Guarantee:

2 year guarantee when used for the purpose it is intended when the annual maintenance intervals are maintained by an authorised HAUPA service centre. We reserve the right to rework the product.

Faults:

Loss of oil:
Send to the HAUPA service centre. Do not open!

Disposal:

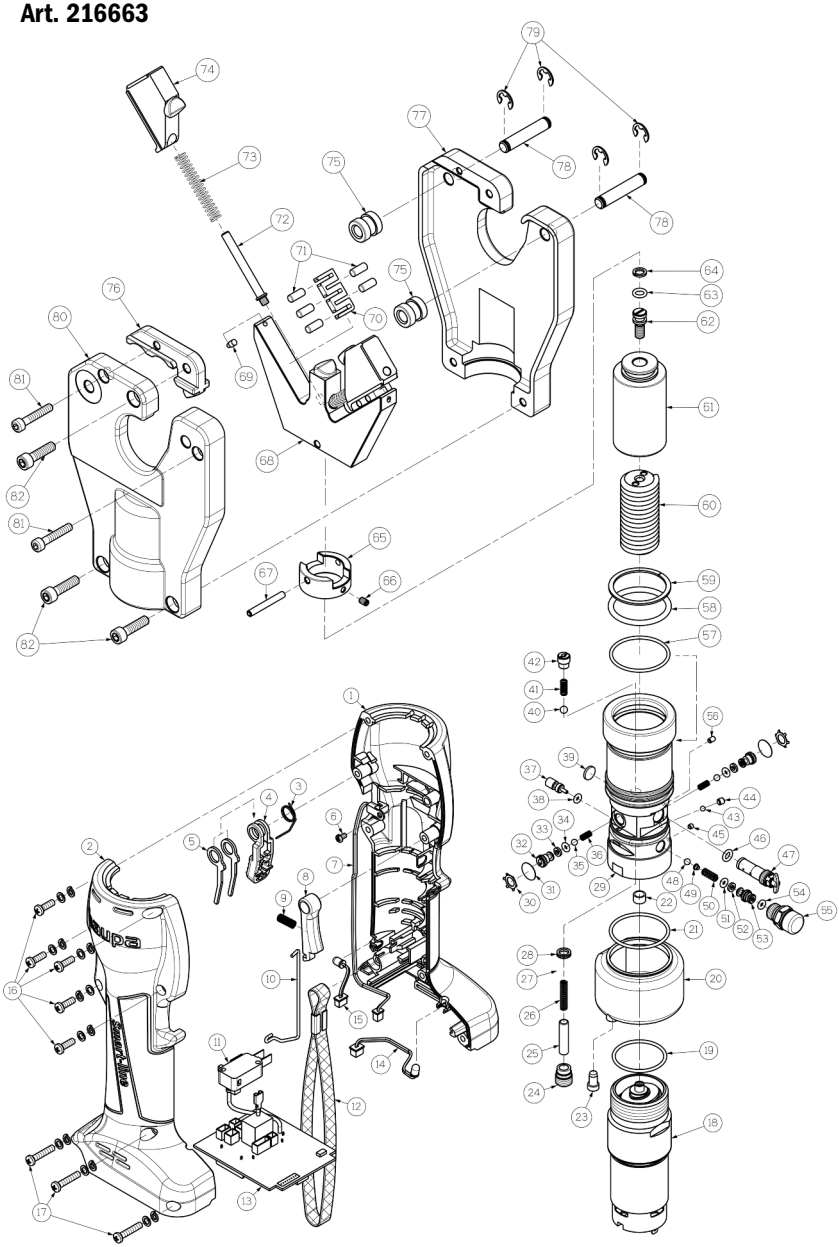
…in accordance with the scope of validity of the European WEEE (2002/96/EU) and RoHS directives (2002/95/EU). Batteries must be disposed off separating according to the battery directive.

WITH EVERY REPLACEMENT PART ORDER, INCLUDE THE FOLLOWING INFORMATION:

1) Article number.
2) Article description.
3) Reference to the operating instructions and/or date.
4) Tool type.
5) Serial number of the tool.

The guarantee is voided if you use parts that are not original replacement parts from HAUPA.

Art. 216663



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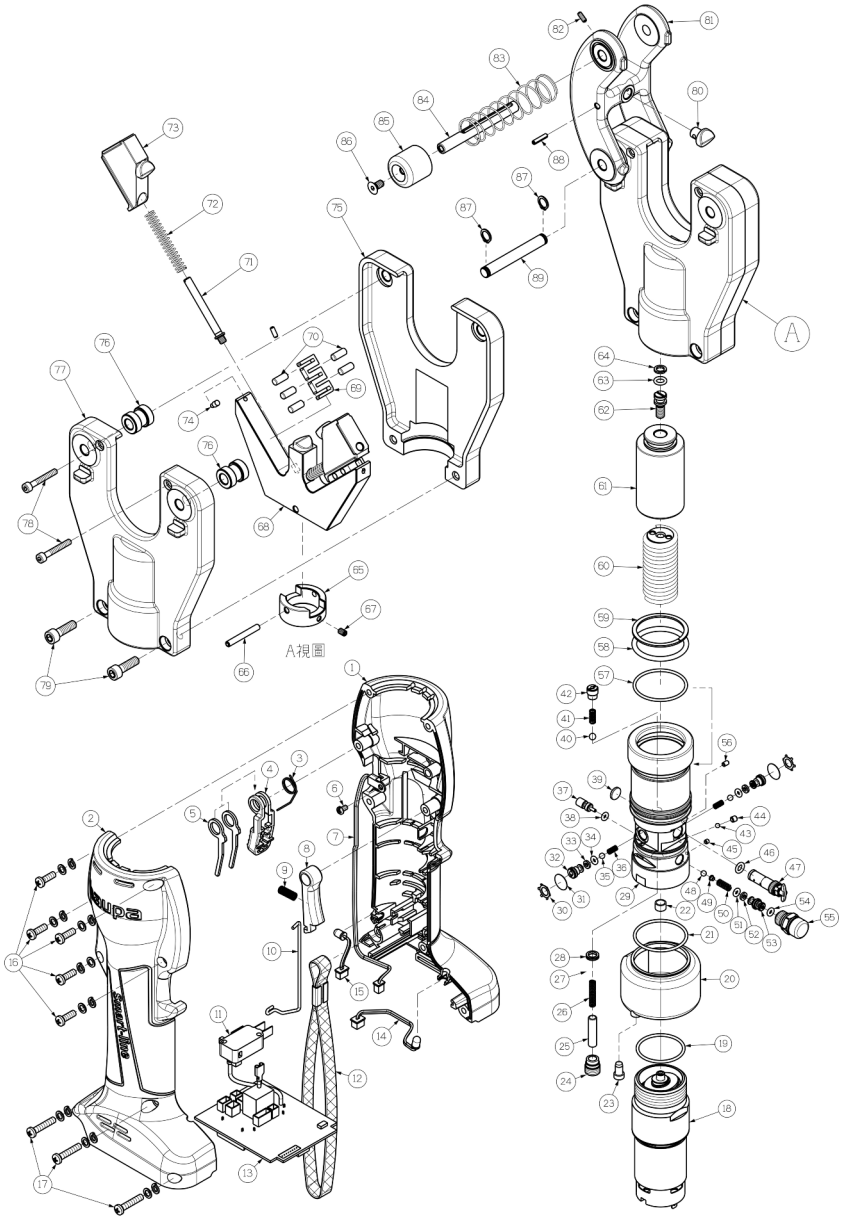
Art. 216667



EC declaration of conformity
HAUPA factory certificate

Remscheid, 23.03.2016

Product:	Battery hydraulic crimping tool
Product range:	Around the cable
Art. no.:	215770; 215770/M; 215881; 215881/M; 216800; 216801; 216801/M; 216601; 216622; 216503; 216663; 216663/M; 216667; 216667/M; 216669; 216669/M

Note: A correct connection according VDE 0220 Part 2 is only guaranteed if the user work with Haupa cable lugs and also adequate HAUPA pressing tools.

The tools are not isolated and it is forbidden to work under tension.

HAUPA GmbH & Co.KG, Königstr. 169, 42853 Remscheid, Germany
Phone +49 2191 8418 – 0, Fax +49 2191 8418 – 840

Herewith we declare that the above mentioned tools are manufactured according the following guidelines:
CE guidelines 98/37/EEC, 89/336/EEC

Jens-Ole Paas
Qualitätsmanagement

Jochen Husii
Produktmanagement

DIN EN ISO 9001 ZERTIFIKAT