

# Klauke®



## THE REVOLUTIONARY MICRO STRIP TOOL



**CUT**



**STRIP**



**CRIMP**

# THE MULTITALENTED KLAUKE MICRO

One tool for a wide range of applications

# ONE TOOL – MANY APPLICATIONS



**Klauke**

Cutting of various  
materials



Stripping

**NEW**



Crimping tools for  
cable end-sleeves



Crimping tools  
for cable lugs



Crimping tools for  
solderless terminals



THE NEW KLAUKE  
STRIPPING DIES

REVOLUTIONARY  
IN THE MARKET

MICRO-STRIP

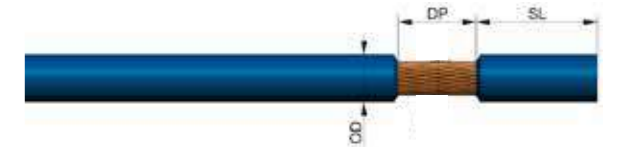
FASTER AND SAFER STRIPPING:  
USING THE STRIPPING DIES!

The **Klauke micro** also is a true all-rounder when it comes to stripping.  
Using the stripping dies there is now, for the first time, an electromechanical tool available on the market for stripping conductors from 6 to 35 mm<sup>2</sup> cross-section.

**The advantages are obvious:**  
Compared to manual stripping with pliers, the **Klauke micro-strip** is much faster.  
Compared to stripping using a knife, it is also much safer to work with.

Until now, users could only strip cables in the range up to 16 mm<sup>2</sup> by applying physical force – either with manual wire stripping tools or with a knife.

Stripping dies for the Klauke micro					
Cable diameter in mm <sup>2</sup>	6	10	16	25	35
Article number	SD5006	SD5010	SD5016	SD5025	SD5035
Max. outer cable Ø OD in mm			Ø11.5		
Displacement DP in mm (fixed)			12		
Stripping length SL in mm (adjustable stop)			3 to 28		



Electromechanically effective:  
perfect results with only 20 % effort\*

The drawback of manual stripping are well known: repeated use of the muscles in the forearm can lead to fatigue and overloading.

Stripping more than a hundred conductors in one day?  
No problem with the micro!

Using the stripping dies, the Klauke micro becomes a tool that achieves consistently clean results - with considerably less force and significantly less strain on the joints.

\*Compared to a hand tool.



# STRIPPING

Stripping simply and safely -  
No conductor damage



EKSD50ML

## Electromechanical wire stripping tool 6 - 35 mm<sup>2</sup>



EKSD50ML

### SCOPE OF SUPPLY

Art. no.	Description
SD5010	Stripping die for 10 mm <sup>2</sup> conductor
SD5016	Stripping die for 16 mm <sup>2</sup> conductor
SD5025	Stripping die for 25 mm <sup>2</sup> conductor
SD5035	Stripping die for 35 mm <sup>2</sup> conductor
SD50CS	Cable stop
KKEK50ML	Plastic carry case
KTG-H1	Tool grease
LGML1	Charger for 10.8 V Li-Ion rechargeable batteries, 230 V
RAML1225	Rechargeable battery 10.8 V / 2.5 Ah, Li-Ion (27 Wh)

### SD5006, SD5010, SD5016, SD5025, SD5035 Stripping-crimping dies



**SD5010**  
For 10 mm<sup>2</sup> conductor



**SD5016**  
For 16 mm<sup>2</sup> conductor



**SD5025**  
For 25 mm<sup>2</sup> conductor



**SD5035**  
For 35 mm<sup>2</sup> conductor



**SD50CS**  
Cable stop



**SD5006**  
For 6 mm<sup>2</sup> conductor  
(optionally available, not supplied as standard)

## Open for lots: the Klauke micro-strip creates a wide strip width

It might be impossible using wire strippers but it's no problem for the Klauke micro-strip: large cross-sections up to 35 mm<sup>2</sup> can also be stripped as well as thick insulation (NSGAFÖU), double-insulated cable types plus harder and tougher insulation.

In many applications - for example in switch cabinet construction - stripping and cutting of cables are often completed simultaneously. By use of the integrated cutting die inside the stripping die, conductors of all classes can be cut, regardless of whether they are solid, stranded or fine-stranded.



## Quick change from left to right-handed variant



Left-handed variant



Right-handed variant

Does your work team include left-handed and right-handed people?

Then no need to worry, with the Klauke micro-strip it's no problem.

The die can be used by both left- and righthanded people by changing the installation direction accordingly.

## Details on the stripping function

The cutting cones are guided and connected by pins (screws) and pretensioned into the initial position by compression springs.

- When the tool is operated, the die bodies approach each other and the cutting cones cut into the cable.
- Further activation of the tool causes the cones to move axially and strip off the jacket.

The stripping length can be adjusted using the stop sleeve, thus ensuring consistent quality.



## CRIMPING – CABLE END-SLEEVES

Perfect crimping results using crimping dies for cable end-sleeves



EKWF50ML

## CRIMPING – INSULATED CONNECTORS

Highly versatile



EK50ML

### Electromechanical crimping tool

0.5 - 50 mm<sup>2</sup>



EKWF50ML

#### SCOPE OF SUPPLY

Art. no.	Description
AE5071	Crimping die for cable end-sleeves, 0.5 - 6 mm <sup>2</sup>
AE5072	Crimping die for cable end-sleeves, 10 - 25 mm <sup>2</sup>
AE5073	Crimping die for cable end-sleeves, 35 - 50 mm <sup>2</sup>
ZAE5072	Crimping die for twin cable end-sleeves, 2x6 – 2x16 mm <sup>2</sup>
KKEK50ML	Plastic case
LGML1	Charger for 10.8 V Li-Ion rechargeable batteries, 230 V
RAML1225	Rechargeable battery 10.8 V / 2.5 Ah, Li-Ion (27 Wh)

#### AE5071, AE5072, AE5073, ZAE5072 Including cable end-sleeves crimping dies



**AE5071**  
for cable end-sleeves  
0.5 - 6 mm<sup>2</sup>



**AE5072**  
for cable end-sleeves  
10 - 25 mm<sup>2</sup>



**AE5073**  
for cable end-sleeves  
35 - 50 mm<sup>2</sup>



**ZAE5072**  
for twin cable  
end-sleeves  
2x6 - 2x16 mm<sup>2</sup>

### Electromechanical crimping tool

0.14 - 50 mm<sup>2</sup>



EK50ML

#### SCOPE OF SUPPLY

Art. no.	Description
IS5071	Crimping die for insulated connectors 0.5 - 6 mm <sup>2</sup>
KKEK50ML	Plastic case
LGML1	Charger for 10.8 V Li-Ion rechargeable batteries, 230 V
RAML1225	Rechargeable battery 10.8 V / 2.5 Ah, Li-Ion (27 Wh)

#### IS5071 Crimping die included



**IS5071**  
For insulated Connector  
0.5 - 6 mm<sup>2</sup>

**CUTTING**

One die...



EC50ML

...countless possibilities



EC50ML

**Electromechanical cutting tool**

0.5 - 50 mm<sup>2</sup>



EC50ML

**S502**  
Cutting die included



S502  
Cutting die

Thanks to the new S502 cutting die, the Klauke micro gains a whole new function. A simple change of die now transforms the Klauke micro into a cutting tool. This makes it possible to cut double-loop chains, Class 2 cables up to 25 mm<sup>2</sup>, copper busbars up to 3 mm × 10 mm, or steel cables up to 3 mm.

The die is designed to make cutting of copper, aluminum and steel bands no trouble at all. This is facilitated as well by pre-clamping to ensure cutting begins at the right location and goes easy on the operator's arm thanks to the motor-driven technology.



**SCOPE OF SUPPLY**

Art. no.	Description
S502	Cutting die
KKEK50ML	Plastic case
LGML1	Charger for 10.8 V Li-Ion rechargeable batteries, 230 V
RAML1225	Rechargeable battery 10.8 V / 2.5 Ah, Li-Ion (27 Wh)

## THE REVOLUTIONARY POWERSENSE FUNCTION



What makes the Klauke micro so unique is its innovative operating concept with PowerSense function. Workpiece pre-clamping is done by hand – with the familiar precision and speed of mechanical crimping pliers. The stripping, cutting or crimping operation is performed automatically using the force of the integrated motor.



Best crimping results



Ready whenever you need it



Manual pre-clamping



Motorized stripping / crimping / cutting

## GOES EASY ON THE NERVES – IN THE TRUEST SENSE OF THE WORD



### Frequent manual crimping:

leads, in the long term, to repetitive strain injuries in the wrist and forearm.

The enormous easing of the burden on nerves and muscles thanks to the PowerSense function is particularly worthwhile when you consider the costs that can arise from lost working time of employees, for example due to carpal tunnel syndrome.



### Motorized crimping with innovative PowerSense function:

ensures maximum efficiency with low strain and minimum health risk.

- Fewer symptoms of stress overloading
- Less lost working time and fewer delays in schedule
- Greater planning security for everyone

## OUR VERSATILE DIES AT A GLANCE

**Crimping dies for cable end-sleeves**  
AE5071 0.5 - 6 mm<sup>2</sup>

AE5072 10 - 25 mm<sup>2</sup>

AE5073 35 - 50 mm<sup>2</sup>

**Stripping dies**  
SD5006, SD5010, SD5016, SD5025, SD5035  
6 - 35 mm<sup>2</sup>

**Crimping die for insulated connectors**  
IS5071 0.5 - 6 mm<sup>2</sup>

**Cutting die**  
S502

ZAE5072 2x 6 - 2x 16 mm<sup>2</sup>  
for twin cable end-sleeves

All compatible dies of the K50 series can be found here:

**K50  
SERIE**



## INNOVATIVE TECHNOLOGY - OPTIMUM RESULTS

Thanks to its lightweight design and size, the tools of the Klauke ML family are the ideal tools when working in confined spaces, thereby speeding up and simplifying the work to be done. Equipped with a 2.5 Ah rechargeable battery, one charge easily suffices to get the job done for an entire working day. The Klauke micro is the perfect supplement to the Klauke ML family portfolio.



EKWF120ML

EK30IDML

EK50ML

ES32ML

EK354ML

# MICRO COMPACT AND HANDY

**Ultra-light and ergonomic**  
so that operators' most valuable assets – „their hands“ – stay healthy always

**Illuminating**  
thanks to its LED lamp for illuminating the crimping location and the working area

**Innovative**  
thanks to single-lever operation for controlling all tool functions



**Versatile**  
for convenient stripping, crimping and cutting



**Balanced and drop-safe**  
thanks to the tool fixing point for use with balancer or to ensure drop protection when used in field work



**Smart and rugged**  
with multifunction LED for maintenance display and data transmission as well as powerful Li-Ion rechargeable battery with state-of-charge indicator



## TECHNICAL DATA EK 50 ML

Battery voltage	10.8 V
Battery capacity	2.5 Ah, Li-Ion
Battery charging time	ca. 45 min.
Weight with Battery	0.96 kg
Ambient temperature	-10 °C to +40 °C

## L-BOXX WITH ELECTROMECHANICAL CRIMPING TOOL EK 50 ML AND EXTENSIVE ADDITIONAL EQUIPMENT

### LBOXXEK50ML

#### SCOPE OF SUPPLY

Art. no.	Description	Quantity
3R8	Tubular cable lug without inspection hole, 16 mm², M8, Cu tin-plated	25
47612	Insulated Cable end-sleeves, 10 mm², 22 mm	50
47712	Insulated Cable end-sleeves, 16 mm², 24 mm	50
47818	Insulated Cable end-sleeves DIN 46228 Part 4, 25 mm²	25
47918	Insulated Cable end-sleeves DIN 46228 Part 4, 35 mm²	25
48025	Insulated Cable end-sleeves DIN 46228 Part 4, 50 mm², 40 mm length	20
4R8	Tubular cable lug without inspection hole, 25 mm², M8, Cu tin-plated	25
652C6	Insulated Solderless terminal M6, 10 mm², fork type	50
AE5072	Crimping dies for cable end-sleeves, 10 - 25 mm²	1
AE5073	Crimping dies for cable end-sleeves, 35 - 50 mm²	1
EK50ML	Electromechanical crimping tool 0.14 - 50 mm²	1
IS5072	Crimping dies IS 50, simple crimping, 10 - 16 mm²	1
K118	Manual cutting tool for Al- and Cu cables up to Ø 12 mm	1
LBOXX136LFG	L-BOXX with front handle (B/T/H: 442 x 357 x 151 mm)	1
LGML1	Charger for 10.8 V Li-Ion rechargeable batteries, 230 V	1
R505	Crimping dies R 50, 16 - 25 mm²	1
RAML1225	Rechargeable battery 10.8 V / 2.5 Ah, Li-Ion (27 Wh)	1





**RIDGID**

**GREENLEE**

**Klauke**

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