KLAUKE

THE MULTITALENTED KLAUKE MICRO

One tool for a wide range of applications

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ONE TOOL –
MANY APPLICATIONS

KLAUKE

Cutting of various materials

Stripping

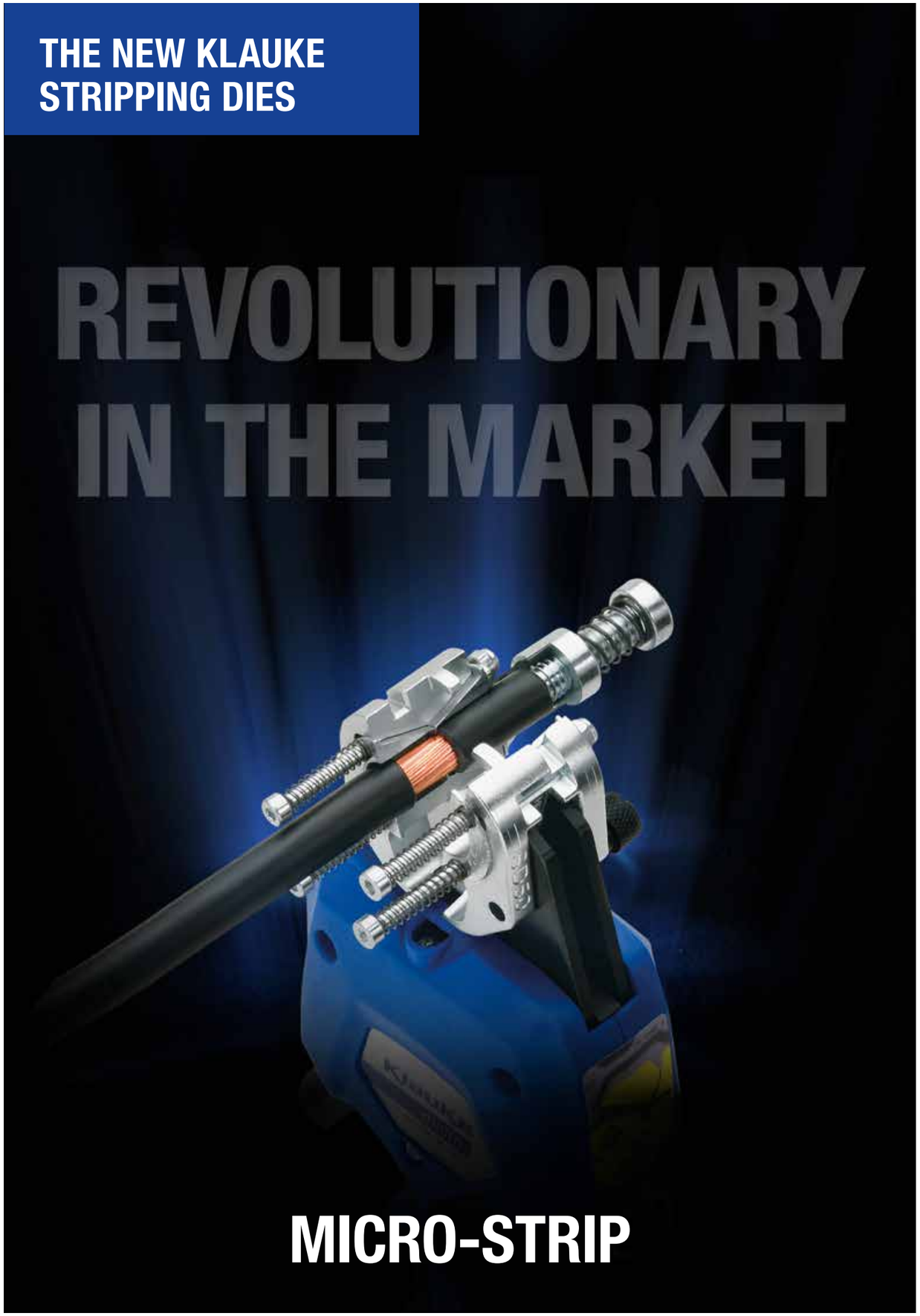
NEW

Crimping tools for cable end-sleeves

Crimping tools for cable lugs

Crimping tools for solderless terminals

THE NEW KLAUKE STRIPPING DIES



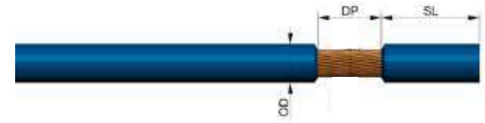
FASTER AND SAFER STRIPPING: USING THE STRIPPING DIES!

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 mm² cross-section.

Until now, users could only strip cables in the range up to 16 mm² by applying physical force – either with manual wire stripping tools or with a knife.

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.

Stripping dies for the Klauke micro					
Cable diameter in mm²	**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 mm²

EKSD50ML

SCOPE OF SUPPLY	
Art. no.	**Description**
SD5010	Stripping die for 10 mm² conductor
SD5016	Stripping die for 16 mm² conductor
SD5025	Stripping die for 25 mm² conductor
SD5035	Stripping die for 35 mm² 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 mm² conductor

SD5016
For 16 mm² conductor

SD5025
For 25 mm² conductor

SD5035
For 35 mm² conductor

SD50CS
Cable stop

SD5006
For 6 mm² 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 mm² can also be stripped as well as thick insulation (NSFGAÖU), 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

Electromechanical crimping tool

0.5 - 50 mm²

EKWF50ML

SCOPE OF SUPPLY

Art. no.	Description
AE5071	Crimping die for cable end-sleeves, 0.5 - 6 mm²
AE5072	Crimping die for cable end-sleeves, 10 - 25 mm²
AE5073	Crimping die for cable end-sleeves, 35 - 50 mm²
ZAE5072	Crimping die for twin cable end-sleeves, 2×6 – 2×16 mm²
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 mm²

AE5072
for cable end-sleeves
10 - 25 mm²

AE5073
for cable end-sleeves
35 - 50 mm²

ZAE5072
for twin cable
end-sleeves
2×6 - 2×16 mm²

CRIMPING – INSULATED CONNECTORS

Highly versatile

EK50ML

Electromechanical crimping tool

0.14 - 50 mm²

EK50ML

SCOPE OF SUPPLY

Art. no.	Description
IS5071	Crimping die for insulated connectors 0.5 - 6 mm²
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 mm²

Electromechanical cutting tool

0.5 - 50 mm²

EC50ML

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)

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 mm², 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.

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.

Motorized crimping with innovative PowerSense function:
ensures maximum efficiency with low strain and minimum health risk.

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.

- 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

Stripping dies
SD5006, SD5010, SD5016, SD5025, SD5035
6 - 35 mm²

Crimping dies for cable end-sleeves
AE5071 0.5 - 6 mm²

Crimping die for insulated connectors
IS5071 0.5 - 6 mm²

AE5072 10 - 25 mm²

Cutting die
S502

AE5073 35 - 50 mm²

ZAE5072 2x 6 - 2x 16 mm²
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

Versatile
for convenient stripping, crimping and cutting

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

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

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

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

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