

## MASTER THE TECHNIQUE: THE PROCESSING OF WIRE FERRULES



Square pressing with comb shaped profile for optimum pull-out values

# SQUARE PRESSING WITH COMB PROFILE

## THE OPTIMUM SOLUTION FOR WIRE FERRULES



### In the past, the trapezoidal crimping die was the common solution for crimping wire ferrules.

Due to technical changes to the conductors, this solution is not always ideal. The required pull-out values are very difficult to achieve with trapezoidal crimping and there is a risk that wire ferrules can be easily pulled off again even after correct crimping.

The more compact design of the new terminals also makes it more difficult to insert crimped wire ferrules. The square crimp with comb profile, which is now used in many Klauke wire ferrule tools, offers a perfect solution to both of these problems.

This crimp shape offers optimum pull-out values and compatibility - easier insertion into the terminals is guaranteed.

	<b>K05WF</b>	25 - 95 mm <sup>2</sup>
	<b>AE507*</b> <b>K507WF</b>	0,5 - 50 mm <sup>2</sup>
	<b>EKWF120</b>	6 - 120 mm <sup>2</sup>
	<b>AE2213*</b>	25 - 240 mm <sup>2</sup>



# CONNECTION SYSTEMS

## WIRE FERRULES - CONNECTIONS WITH A SYSTEM



### Insulated wire ferrules to DIN, with Easy Entry

0,5 - 150 mm<sup>2</sup>



- For fine and superfine stranded conductors e.g. to EN 60228 class 5 and 6
- Easy Entry insulation for splice-free conductor conductor entry
- Colour coding and dimensions in accordance with DIN 46228 Part 4
- Alternative colour coding available
- Available as version without plastic collar 46228-1 from 0.25 mm<sup>2</sup> to 240 mm<sup>2</sup>
- Available in colour code 1 and 2



### Wire ferrules to DIN, Cu

0,25 - 240 mm<sup>2</sup>

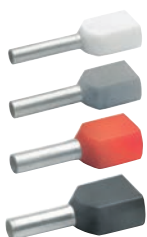


- For fine and superfine stranded conductors, e.g. to EN 60228 cl. 5 and 6
- Splice-free cable entry due to widened sleeve



### Insulated twin wire ferrules

2 x 0,25 - 2 x 16 mm<sup>2</sup>



- For fine and superfine stranded conductors, e.g. to EN 60228 cl. 5 and 6
- For looping through terminals
- Colour coding based on DIN 46228 Part 4 (0.5 - 16 mm<sup>2</sup>)



### Insulated wire ferrules for short circuit protected conductors

1,5 - 16 mm<sup>2</sup>



- For fine and superfine stranded conductors, e.g. according to EN 60228 cl. 5 and 6
- For short-circuit-proof cables (e.g. NSGAFÖ)



# CRIMPING MECHANICAL PRESSING TOOLS



## K 05 WF 50 and K 05 WF 95 Crimping tools for wire ferrules and twin wire ferrules

25 - 95 and 2 x 16 mm<sup>2</sup>



- Easy operation thanks to pre-termination using a pre-termination lever
- Optimum crimping shape for connection in plug-in and screw-type terminal blocks
- High degree of compression thanks to square crimping
- Reduction in the number of crimps due to increased crimping width



## K 507 WF crimping tool with interchangeable crimping dies for wire ferrules



- Large cross-section range from 0.5 - 50 mm<sup>2</sup>
- Crimping dies stored in the handle
- Quick and easy replacement of crimping dies
- Fewer crimps due to optimum application width



### Spare crimping dies

#### K05WF



**AE512550**  
for cable end-sleeves  
25 - 50 mm<sup>2</sup> and  
twin wire end ferrules 2 x 16 mm



**AE515095**  
for cable end-sleeves  
50 - 95 mm<sup>2</sup>

### Crimping dies

#### K507WF



**AE5071**  
for wire ferrules  
0,5 - 6 mm<sup>2</sup>



**AE5072**  
for wire ferrules  
10 - 25 mm<sup>2</sup>



**AE5073**  
for wire ferrules  
30 - 50 mm<sup>2</sup>



**ZAE5072**  
for twin wire ferrules  
10 - 25 mm<sup>2</sup>

# CRIMPING ELECTROMECHANICAL CRIMPING TOOL



## Electromechanical crimping tool 0,5 - 50 mm<sup>2</sup>



**ORDER NUMBER: EKWF50ML**

### SCOPE OF DELIVERY

Art. no.	Description
	Electromechanical crimping tool
AE5071	Crimping die for wire ferrules, 0,5 - 6 mm <sup>2</sup>
AE5072	Crimping die for wire ferrules, 10 - 25 mm <sup>2</sup>
AE5073	Crimping die for wire ferrules, 35 - 50 mm <sup>2</sup>
ZAE5072	Crimping die for twin wire ferrules, 2×6 – 2×16 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)

### Including wire ferrules crimping dies

(compatible with the K 507 WF)



**AE5071**  
for wire ferrules  
0,5 - 6 mm<sup>2</sup>



**AE5072**  
for wire ferrules  
10 - 25 mm<sup>2</sup>



**AE5073**  
for wire ferrules  
35 - 50 mm<sup>2</sup>



**ZAE5072**  
for twin wire ferrules  
2×6 - 2×16 mm<sup>2</sup>

# CRIMPING

## BATTERY-POWERED HYDRAULIC CRIMPING TOOL 6-120 MM<sup>2</sup>



### EK WF 120 ML Battery-powered hydraulic crimping tool for wire ferrules 6 - 120 mm<sup>2</sup>



#### Advantages:

- Die-less pressing tool - no need to change pressing inserts
- Powerful 10.8 V Li-Ion battery technology with charge level indicator
- Closed head, rotatable
- Simple and safe: one-button operating concept for controlling all tool functions



ORDER NUMBER: EKWF120ML

#### SCOPE OF DELIVERY

Art. no.	Description
	Battery-powered hydraulic pressing tool
KKML	Plastic case
LGML1	Charger for 10,8 V Li-Ion rechargeable batteries, 230 V
RAML1225	Rechargeable battery 10,8 V / 1,5 Ah Li-Ion (16,2 kW)



# CRIMPING

## PRESS INSERTS FOR 6 T AND 12 T PRESSING TOOLS



### Crimping dies AE 2213

25 - 240 mm<sup>2</sup>



**NEW**



**K13**  
SERIE

**K22**  
SERIE

The new AE22/13 insert series for crimping wire ferrules with all Klauke 6T and 12T series 22 and 13 crimping tools perfectly rounds off the Klauke range for processing wire ferrules. Thanks to this, wire ferrules up to 240 mm<sup>2</sup> can now also be processed safely using the square crimp with comb profile.

#### Advantages:

- Compatibility: With all commercially available class 5 + 6 cables thanks to square crimping with comb profile
- Secure connection thanks to square crimping with comb profile
- Productivity: fewer crimping operations required due to the increased crimping width



Cross section mm <sup>2</sup>	Art. no.	Press width mm
25	AE221325	21,5
35	AE221335	21,5
50	AE221350	21,5
70	AE221370	21,5
95	AE221395	21,5
120	AE2213120	21,5
150	AE2213150	21,5
185	AE2213185	21,5
240	AE2213240	21,5

#### Compatible with the following tools:

EKM 60/22 EK 60/22 EK 120/42



# CONNECTING TOGETHER

RIDGID

 GREENLEE

*Klauke*

Get the latest information on products, services and promotions  
by signing up to our newsletter:

[KLAUKE.COM/NEWSLETTER](https://www.klauke.com/newsletter)



Follow us!



© 2024 Gustav Klauke GmbH. All rights reserved. The Klauke logo and the Emerson logo are registered trademarks of Emerson Electric Co. or its subsidiaries in the United States and other countries. All other trademarks belong to their respective owners. Subject to change without notice. BRADERENDDDE 12/24 |

**Klauke**

**Gustav Klauke GmbH**  
Auf dem Knapp 46  
D-42855 Remscheid

Tel.: +49 (0) 2191 / 907 - 0  
[Klauke-Info@Emerson.com](mailto:Klauke-Info@Emerson.com)  
[Klauke.com](https://www.klauke.com)

  
**EMERSON**