

**Klauke**<sup>®</sup>



# Klauke EK50ML Battery Powered Cable Crimping Tool Instructions

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**Klauke**<sup>®</sup>

**Klauke EK50ML Battery Powered Cable Crimping Tool**



## Product Information

### Product Name:

- EK 50ML, EKWF 50ML, EC 50ML
- **Model Numbers:** EK 50ML, EKWF 50ML, EC 50ML
- **Manufacturer:** Klauke UK Ltd.
- Serial Number: [Serialnumber]
- **Website:** [[www.klauke.com](http://www.klauke.com)]
- Battery Type: 10.8V Li-Ion
- **Safety Standards:** DIN EN 50110

## Product Usage Instructions

- Before starting any work: – Ensure the product is properly oiled.
- Familiarize yourself with the general safety rules. – Follow the safety standards outlined in DIN EN 50110.

## Crimping Procedure

- Place the clamp on the desired object to be crimped.
- Press the crimp button to engage the crimping mechanism.
- Hold the crimp button down until the crimping process is complete.
- Release the crimp button to disengage the crimping mechanism.

## Maintenance and Service

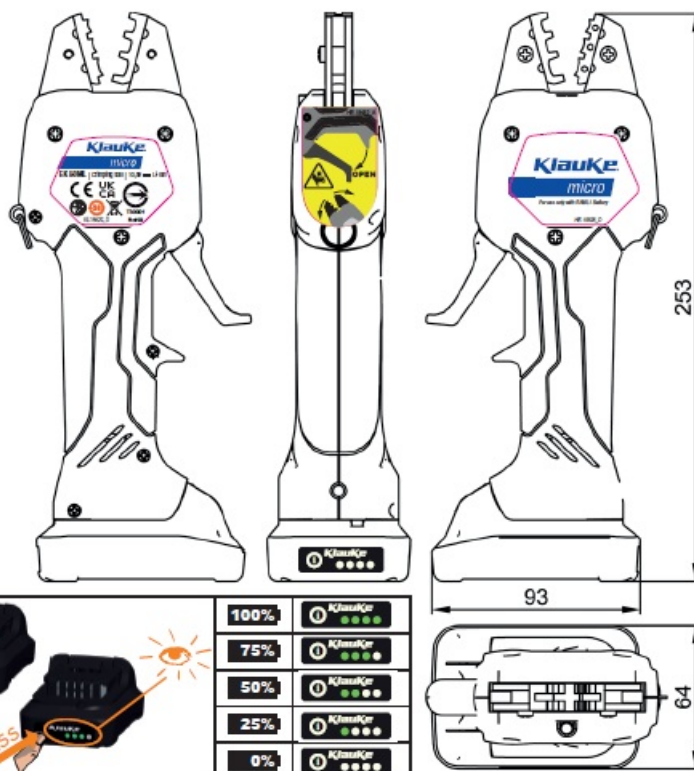
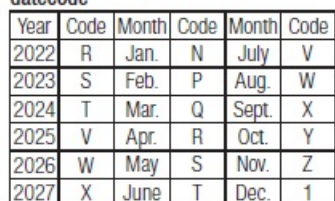
- Regularly check and maintain the product according to the manufacturer's instructions.
- Refer to the provided service manual for any repairs or servicing requirements.

Please note that this is a condensed version of the information provided in the user manual. For detailed instructions on specific operations, safety precautions, and troubleshooting, please refer to the complete user manual available on the manufacturer's website.

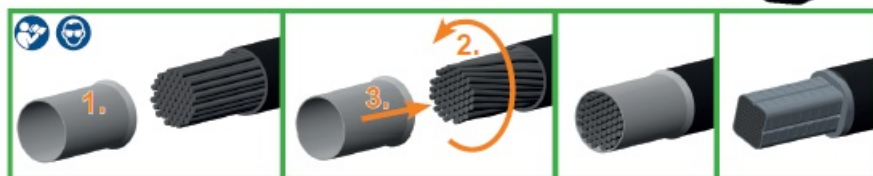
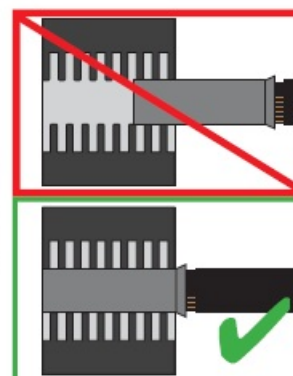
## Product Parts



## Dimension



AE5071  
AE5072  
AE5073  
ZAE5072







69xxx - 80xxx (GR)46xxx - 480xxx 166xxx - 180xxx 166x - 176xxx 369B - 373B 432B - 43712 87514, 87614, 87714			AE5071 AE5072 AE5073 ZAE5072			0,5 - 50 2x6 - 2x16
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**EC 50ML**

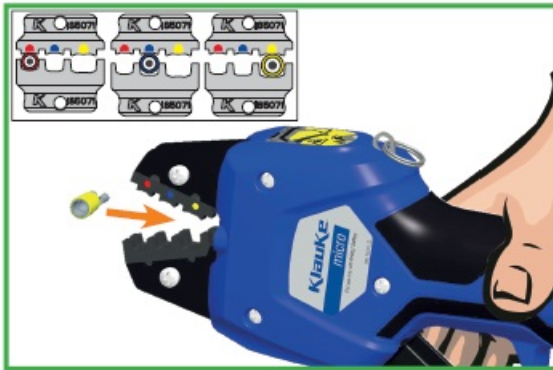


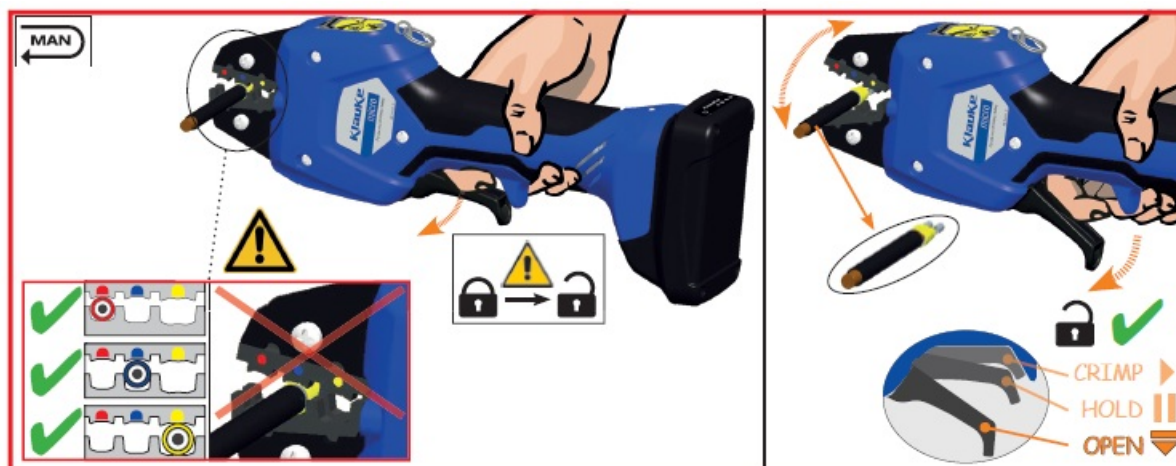
 <b>Vorhersehbare Fehlanwendung</b> <b>Forseeable misuse</b>		
		
Feindrähtig cable CL5 - F	Feinstdrähtig cable CL6 - F	Armierter Leiter reinforced conductor

**IEC**  
60228  
**CL1&2**

<b>Bestimmungsgemäße Verwendung</b> <b>Intended use</b>					
					
Eindrähtiger Rundleiter cable CL1 - re	Mehrdrähtiger Rundleiter cable CL2 - rm	Verdichtet Mehrdrähtig cable CL2 - rmV compacted	Freileitung (Aldrey) conductor CL2 - rm	ACSR	Cu/Al-Schiene 3 x 10 mm Cu/Al-bar 3 x 10 mm


































might result in destroying the battery by deep discharge!


















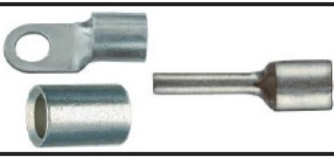








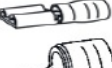









		When	Why
	 2 x	after inserting the battery	Self check
	 20 sec	after working cycle	
	 20 sec/2Hz	after working cycle	 <b>Klauke</b> <b>ASC</b> Authorised Service Center
 20 sec/5Hz	 20 sec/5Hz	after working cycle	Tool or battery too hot 
		When	Why
 3 x	 3 x	after interruption	Error: Manual interruption of the crimp cycle prior to completion
 3 x	 3 x	after working cycle	Error: Automatic opening of the tool due to exceeding the crimp force

<b>GB</b>			
Weight (incl. battery):	~ 0,96 kg	Battery capacity	2,5 Ah, Li-Ion (RA ML1225)
Crimping force:	15 kN (max.)	Charging time:	40 min. (RAML1)
Environmental temp.:	-10°C – +40°C	Battery voltage:	10,8 V
Crimping time:	< 1,5 s (depending on the connector size)		
Crimp per battery	~400 crimps (10 mm² Cu DIN 46234)		
Sound level	< 70 dB (A) in 1m distance		
Vibrations:	< 2,5 m/s²		

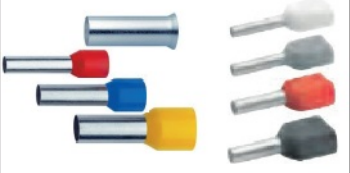

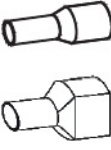


• Eindrätiger Rundleiter			S502			
• Mehrdrätiger Rundleiter						
• Verdichtet Mehrdrätig						
• Freileitung (Aldrey)						
• ACSR						
• Cu/Al-Schiene 3 x 10 mm						

## Spare parts

						
Art.#						[mm <sup>2</sup> ]
91Rxx - 95Rxx 91Cxx - 96Cxx 2Rxx; 42Rxx 17R-22R außer 21R TV15 - TV10 KV15 - KV10 148R - 152R			R501 R502			0,75 - 10
97Cx; 3Rxx - 4Rxx 43Rxxxx - 44Rxxxx 24R - 25Rxx 153R - 154R TV16 - TV25 KV16 - KV25			R504 R505			16 + 25 crimp 2x
101R*, 102R*, 103R*, 104R*, 121R, 122R, 123R, 124R, 181R, 182R, 183R, 184R			D504 D505			6 - 25
SR6x - SR10x SV1525 - SV10 SKV1525 - SKV10 STV1525 - STV10			M50154 M50610			1,5 - 10
1620L - 1652L 1620xx - 1652xx 1620Cxx - 1652Cxx ST1705 - ST1716 1620K - 1652K			Q501			0,5 - 10
619xx - 650xx; 820xx - 850xx 1020x - 1050x; 8201 - 7509 720xx - 750xx; 8201xx - 750V 920x - 950x; 1130 - 1150 669xx - 700xx 769 - 790; 704 - 715			IS501 IS503			0,1 - 6
652xx - 653xx 670WS, 680WS 700WS			IS502 IS504 IS505 IS5071 IS5072			0,5 - 16
18251 - 1750 1820xxx - 1730xxx 2720 - 2750 2235 - 2250			CR501 CR502 CR503 CR504 CR505			0,25 - 6
RG58; RG59; RG 62; RG71			BNC501			
gedrehte Rundstecker / Rundbuchsen turned pin receptacles / connectors			SB501			0,1 - 4



69xxx - 80xxx (GR)46xx - 480xx 166xx - 180xx 166x - 178xx 3698 - 3738 4328 - 43712 87514, 87614, 87714			AE5071 AE5072 AE5073 ZAE5072			0,5 - 50 2x6 - 2x16
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EK50ML (with AE5071, AE5072, AE5073 and ZAE5072 dies)		
press image	square	
size	ferrules	Number of crimps
0,5	1690, 1690K, 1690H, GR170W, 4698, GR4696, 4696, GR4708, ST9708	1
0,75	1708, 1706, GR1738, 170W, 170WK, 170WH, 170WL, GR171G, 4708, GR4706, 4706, 47012, GR4718, ST9718	1
1	171G, 171GK, 171GH, 171GL, GR172RO, 4718, 4716, 47110, 47112, GR4728, ST9728	1
1,5	172RO, 172RK, 172RH, 172RM, 172RL, 175S, 4728, GR4726, 4726, 4728, GR4726, 4726, 47212, 47218, GR4738, ST9738, 43210, 4338	1 – 2
2,5	1738, 17312, 17318, 17410, 4738, 47318, 47310, 47410, 43312, 43410	1 – 2
4	17412, 17418, 17512, 47412, 47418, 47512, 43512	1 – 2
6	17518, 17612, 175SL, 176E, 47518, 47612, 43612	1 – 2
10	17618, 17712, 176EL, 178BR, 47618, 47712, 43712	1 – 2
16	17712, 17718, 47712, GR47712, 47718, 43712	1 – 2
25	17816, 17818, 17822, 178BR, 178BRL, 47816, 47818, 47822	2
35	179B, 179BL, 47916, 47918, 47925	2
50	1800, 1800L, 48020, 48025	2
2 x 6	87514	1
2 x 10	87614	1
2 x 16	87714	1

CE-<sup>\*\*\*</sup> – Declaration of conformity. We declare under our sole responsibility that this product is in conformity with the following standards or normative documents: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN ISO 14118 in accordance with the regulations of directives 2006/42/EG, 2014/30/EU, 2011/65/EU

UKCA-<sup>\*\*\*</sup> – Declaration of conformity. We declare under our sole responsibility that this product is in conformity with the following standards or normative documents: BS EN 62841-1, BS EN ISO 12100,

BS EN ISO 13857, BS EN ISO 13854, BS EN 28662-1, BS EN 61000-6-3, BS EN 61000-6-2, BS EN ISO 14118  
in  
accordance with the regulations of directives 2006/42/EG, 2014/30/EU, 2011/65/EU

## Documents / Resources



[Klauke EK50ML Battery Powered Cable Crimping Tool](#) [pdf] Instructions  
EK50ML, EKWF50ML, EC50ML, EK50ML Battery Powered Cable Crimping Tool, Battery Powe  
red Cable Crimping Tool, Powered Cable Crimping Tool, Cable Crimping Tool, Crimping Tool

## References

- [K Verbindungen mit System | Klauke](#)

[Manuals+](#)