

” *High-performance at the touch of a button, where conventional hand tools fail. For this reason we developed battery powered tools with intelligent crimping, cutting and punching functions.“*



Sonja Abele,
Development

Mechanical crimping and cutting tools	220
Mechanical crimping tools	220
Mechanical crimping tools for the photovoltaic	253
Mechanical crimping tools with interchangeable dies	256
Mechanical cutting tools	266
Electric and pneumatic crimping tools	276
Electromechanical crimping tool Klauke micro	276
Electric and pneumatic crimping tools	280
Hand-operated hydraulic crimping and cutting tools	284
Hand-operated hydraulic crimping tools	284
Hand-operated hydraulic cutting tools	298
Battery-powered crimping and cutting tools	304
Battery-powered crimping tools	306
Battery-powered cutting tools	336
Hydraulic universal tools and heads	353
Hydraulic crimping and cutting heads	360
Hydraulic drive units	380
Hydraulic systems	386
Hydraulic crimping systems	388
Hydraulic cutting systems	392
Safety cutting units	394
Accessories for hydraulic tools	396
Batteries and mains sets	397
Battery chargers	399
Force and pressure gauge systems	405



Powerful crimping by hand.

Mechanical tools for crimping.

We all have overwhelming power - as long we have the right tool to hand.

The diversity of conductor types and connecting materials calls for numerous different standards for crimping tools. Klauke offers the right solution for all applications. All mechanical crimping tools are made from the highest quality materials, are rust-proof and surface-finished. The products are set apart by their extremely long service life. Unique precision and high quality material guarantee safe and, most important, long-lasting electrical connections. The tools' ergonomic handles and perfected drives optimise transmission of the hand force.



- Crimping tools for Klauke connecting material with nominal cross sections from 0.08 to 400 mm².
- Optimised profile forms for all applications.
- Precise drives for exact crimping results.
- Clear designation of the crimping profiles.

■ Precise crimping *for all cross-sections.*

- ▶ The use of high-grade steels and the annealing process that follows guarantee a long service life for the mechanical crimping tools.
- ▶ Power-optimized drive with integrated ratchet and pre-tension setting.
- ▶ Ergonomic handles, low weight, clear designation of the crimping profiles and telescopic handles for two-handed operation.



Benefits:

- ▶ Many years of low wear use.
- ▶ The integrated ratchet with pre-tension setting guarantees process safety and complete crimping results.
- ▶ Materials processed quickly and effortlessly.

■ Tools for cable end-sleeves: *Which tool for which cable end-sleeve?*

Cross-section max. mm ²	Tool	Crimping profile					Design		Drive	
							Front crimping	Side crimping	10.68 mm	Force-supported
2.5	K4	✓						✓	✓	
	K1		✓					✓	✓	
	K48		✓					✓	✓	
6	K46	✓						✓	✓	
	K36		✓				✓		✓	
	K32		✓				✓			✓
	K37		✓					✓		✓
	K38/2				✓		✓			✓
	KP31/2*		✓					✓		✓
	K38Ergo				✓		✓			✓
	K50 ¹⁾		✓					✓		✓
	KP35/1					✓				✓
	10	K30/3				✓			✓	
KP30/3					✓			✓		✓
K507			✓					✓		✓
16	K3	✓						✓		✓
	K34		✓				✓			✓
	KP30/4				✓			✓		✓
	KP35/2					✓		✓		✓
25	K39		✓						✓	
35	K35	✓						✓		✓
	K27/1			✓				✓		✓
50	K28		✓					✓		✓
	K35/4 ¹⁾		✓					✓		✓
	K27/2			✓				✓		✓
95	K29		✓					✓		✓
	K18 ¹⁾		✓	✓				✓		✓
240	K22 ¹⁾		✓	✓				✓		✓

K = Crimping tool

KP = Pro series crimping head

¹⁾ Interchangeable dies

*Also available as Pro series

K 4 Crimping tool for cable end-sleeves 0.5 - 2.5 mm²

- ▶ Indent crimping for round clamp opening
- ▶ Spring-supported tool opening

Characteristics

- One crimp profile per cross-section
- Lateral insertion
- Exact cross-section assignment
- Ergonomic handles

Technical data	
Crimping range	0.5 - 2.5 mm ²
Length	150 mm
Weight	0.16 kg

Item	Part No.
Crimping tool for cable end-sleeves 0.5 - 2.5 mm ²	K4

Accessories	Part No.	Page
Steel carrying case	SK30L	213

K 46 Crimping tool for cable end-sleeves 1.5 - 6 mm²

- ▶ Indent crimping for round clamp opening
- ▶ Spring-supported tool opening

Characteristics

- One crimp profile per cross-section
- Lateral insertion
- Exact cross-section assignment
- Ergonomic handles

Technical data	
Crimping range	1.5 - 6 mm ²
Length	150 mm
Weight	0.16 kg

Item	Part No.
Crimping tool for cable end-sleeves 1.5 - 6 mm ²	K46

Accessories	Part No.	Page
Steel carrying case	SK30L	213

K 3 Crimping tool for cable end-sleeves 0.5 - 16 mm²

- ▶ Indent crimping for round clamp opening
- ▶ With wire cutter

Characteristics

- One crimp profile per cross-section
- Lateral insertion
- Exact cross-section assignment
- Ergonomic handles

Technical data	
Crimping range	0.5 - 16 mm ²
Length	230 mm
Weight	0.24 kg

Item	Part No.
Crimping tool for cable end-sleeves 0.5 - 16 mm ²	K3

Accessories	Part No.	Page
Steel carrying case	SK32L	213



K 35 Crimping tool for cable end-sleeves 10 - 35 mm²

- ▶ Indent crimping for round clamp opening
- ▶ For large cross-sections to 35 mm²

Characteristics

- One crimp profile per cross-section
- Lateral insertion
- Exact cross-section assignment
- Ergonomic handles

Technical data	
Crimping range	10 - 35 mm ²
Length	230 mm
Weight	0.24 kg

Item	Part No.
Crimping tool for cable end-sleeves 10 - 35 mm ²	K35

Accessories	Part No.	Page
Steel carrying case	SK32L	213



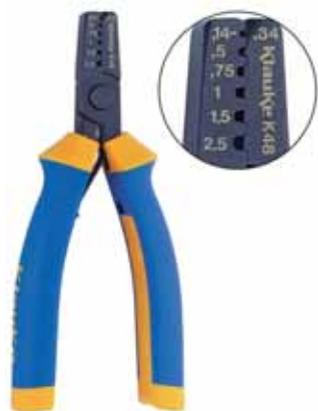
K 1 Crimping tool for cable end-sleeves 0.14 - 2.5 mm²

- ▶ Trapezoid crimping suitable for box terminals
- ▶ Spring-supported tool opening
- ▶ With wire stripper and cutter

Characteristics

- One crimp profile per cross-section
- Lateral insertion
- Exact cross-section assignment
- Ergonomic handles
- Interchangeable stripping blades

Technical data		
Crimping range	0.14 - 2.5 mm ²	
Length	175 mm	
Weight	0.19 kg	
Item	Part No.	
Crimping tool for cable end-sleeves 0.14 - 2.5 mm ²	K1	
Accessories	Part No.	Page
Steel carrying case	SK30L	213

K 48 Crimping tool for cable end-sleeves 0.14 - 2.5 mm²

- ▶ Trapezoid crimping suitable for box terminals
- ▶ Spring-supported tool opening

Characteristics

- One crimp profile per cross-section
- Lateral insertion
- Exact cross-section assignment
- Ergonomic handles

Technical data		
Crimping range	0.14 - 2.5 mm ²	
Length	150 mm	
Weight	0.16 kg	
Item	Part No.	
Crimping tool for cable end-sleeves 0.14 - 2.5 mm ²	K48	
Accessories	Part No.	Page
Steel carrying case	SK30L	213

K 36 Crimping tool for cable end-sleeves and twin cable end-sleeves 0.5 - 6 mm²

- ▶ Two crimping profiles with the cross-section areas 0.5 - 2.5 mm² and 4 - 6 mm²
- ▶ Spring-supported tool opening

Characteristics

- Front insertion (front crimping)
- Ergonomic non-slip handles

Technical data	
Crimping range total	0.5 - 6 mm ²
Cable end-sleeves	0.5 - 2.5 and 4 - 6 mm ²
Twin cable end-sleeves	2x0.5 - 2x1.5 and 2x2.5 - 2x4 mm ²
Length	200 mm
Weight	0.22 kg
Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 0.5 - 6 mm ²	K36

Accessories	Part No.	Page
Steel carrying case	SK32L	213



K 32 Crimping tool for cable end-sleeves and twin cable end-sleeves 0.14 - 6 mm²

- ▶ One crimping profile for cross-sections from 0.14 - 6 mm² due to automatic cross-section adjustment
- ▶ Trapezoid crimping suitable for box terminals
- ▶ Spring-supported tool opening

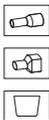
Characteristics

- With ratchet for consistent crimp results
- Front insertion (front crimping)
- Ergonomic handles
- Non-slip handles

Technical data	
Crimping range total	0.14 - 6 mm ²
Cable end-sleeves	0.14 - 6 mm ²
Twin cable end-sleeves	2 x 0.5 - 2 x 2.5 mm ²
Length	210 mm
Weight	0.35 kg
Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 0.14 - 6 mm ²	K32

Accessories	Part No.	Page
Steel carrying case	SK43L	213



K 34 Crimping tool for cable end-sleeves and twin cable end-sleeves 6 - 16 mm²

- ▶ Trapezoid crimping suitable for box terminals
- ▶ Spring-supported tool opening
- ▶ One crimping profile for cross-sections from 6 - 16 mm² due to automatic cross-section adjustment

Characteristics

- With ratchet for consistent crimp results
- Front insertion (front crimping)
- Non-slip handles

Technical data	
Crimping range total	6 - 16 mm ²
cable end-sleeves	6 - 16 mm ²
Twincable end-sleeves	2 x 4 - 2 x 6 mm ²
Length	210 mm
Weight	0.5 kg
Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 6 - 16 mm ²	K34

Accessories	Part No.	Page
Steel carrying case	SK43L	213

K 37 Crimping tool for cable end-sleeves 0.14 - 6 mm²

- ▶ Trapezoid crimping suitable for box terminals
- ▶ Tool pre-tensioning adjustable

Characteristics

- An adjusting disc balances the wear of the crimping tool
- One crimp profile per cross-section
- With ratchet for consistent crimp results
- Lateral insertion
- Exact cross-section assignment

Technical data	
Crimping range	0.14 - 6 mm ²
Length	200 mm
Weight	0.36 kg
Item	Part No.
Crimping tool for cable end-sleeves 0.14 - 6 mm ²	K37

Accessories	Part No.	Page
Steel carrying case	SK43L	213

K 39 Crimping tool for cable end-sleeves 10 - 25 mm²

- ▶ Trapezoid crimping suitable for box terminals
- ▶ Tool pre-tensioning adjustable

Characteristics

- An adjusting disc balances the wear of the crimping tool
- One crimp profile per cross-section
- With ratchet for consistent crimp results
- Lateral insertion
- Exact cross-section assignment

Technical data	
Crimping range	10 - 25 mm ²
Length	200 mm
Weight	0.36 kg
Item	Part No.
Crimping tool for cable end-sleeves 10 - 25 mm ²	K39

Accessories	Part No.	Page
Steel carrying case	SK43L	213



K 38/2 Crimping tool for cable end-sleeves and twin cable end-sleeves 0.5 - 6 mm²

- ▶ Square crimping suitable for box terminals and spring clamp technology
- ▶ An adjusting disc balances the wear of the crimping tool
- ▶ One crimping profile for cross-sections from 0.5 - 6 mm² due to automatic cross-section adjustment

Characteristics

- Accurate drive
- With ratchet for consistent crimp results
- Front insertion (front crimping)

Technical data	
Crimping range total	0.5 - 6 mm ²
Cable end-sleeves	0.5 - 6 mm ²
Twin cable end-sleeves	2 x 0.5 - 2 x 2.5 mm ²
Length	190 mm
Weight	0.3 kg
Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 0.5 - 6 mm ²	K382

Accessories	Part No.	Page
Steel carrying case	SK43L	213



K 38 ERGO Crimping tool for cable end-sleeves and twin cable end-sleeves 0.25 - 6 mm²

- ▶ Square crimping suitable for box terminals and spring clamp technology
- ▶ Ergonomic design
- ▶ Low hand crimping force

Characteristics

- Precise drive with ratchet for consistent crimp results
- Front insertion (front crimping)
- Reduced space requirement for processing
- Automatic cross-section range adjustment from 0.25 - 6 mm²
- Max. length of cable end-sleeves to be crimped 18 mm, from 12 mm in two steps

Technical data	
Crimping range total	0.25 - 6 mm ²
Cable end-sleeves	0.25 - 6 mm ²
Twin cable end-sleeves	2 x 0.5 - 2 x 2.5 mm ²
Length	160 mm
Weight	0.4 kg
Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 0.25 - 6 mm ²	K38ERGO

K 38 ERGO SET Plastic case with cable end-sleeves, twin cable end-sleeves and crimping tool

- ▶ Square crimping suitable for box terminals and spring clamp technology
- ▶ Ergonomic design
- ▶ Low hand crimping force
- ▶ Plastic tool case

Characteristics

- Accurate drive with ratchet
- Front insertion (front crimping)
- Reduced space requirement for processing
- Automatic cross-section range adjustment from 0.25 - 6 mm²
- Max. length of cable end-sleeves to be crimped 18 mm, from 12 mm in two steps

Technical data	
Crimping range total	0.25 - 6 mm ²
Cable end-sleeves	0.25 - 6 mm ²
Twin cable end-sleeves	2 x 0.5 – 2 x 2.5 mm ²
Dimensions	235 x 180 x 50 mm
Length	160 mm
Weight	0.740 kg

Item	Part No.
Plastic case with cable end-sleeves, twin cable end-sleeves and crimping tool	K38ERGOSET

Scope of supply	Colour	Part No.	Quantity	Page
Crimping tool for cable end-sleeves and twin cable end-sleeves 0.25 - 6 mm ²		K38ERGO	1	228
Ins. cable end-sleeve DIN 46228 part 4, 0.5 mm ² , 14mm long		4698	100	157
Ins. cable end-sleeve DIN 46228 part 4, 0.75 mm ² , 14mm long		4708	100	157
Ins. cable end-sleeve DIN 46228 part 4, 1 mm ² , 14mm long		4718	100	157
Ins. cable end-sleeve DIN 46228 part 4, 1.5 mm ² , 14mm long		4728	100	157



K 30/3 Crimping tool for cable end-sleeves and twin cable end-sleeves 0.08 - 10 mm²

- ▶ Square crimping suitable for box terminals and spring clamp technology

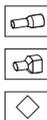
Characteristics

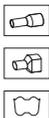
- One crimping profile for cross-sections from 0.08 - 10 mm² due to automatic cross-section adjustment
- With ratchet for consistent crimp results
- Lateral insertion
- Non-slip handles

Technical data	
Crimping range total	0.08 - 10 mm ²
Cable end-sleeves	0.08 - 10 mm ²
Twin cable end-sleeves	2 x 0.5 - 2 x 4 mm ²
Length	190 mm
Weight	0.3 kg

Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 0.08 - 10 mm ²	K303

Accessories	Part No.	Page
Steel carrying case	SK30L	213



K 27/1 Crimping tool for cable end-sleeves and twin cable end-sleeves 4 - 50 mm²

- ▶ Special trapezoid crimping suitable for box terminals
- ▶ Special type, especially suitable for fine stranded conductors

Characteristics

- One crimp profile per cross-section
- With ratchet for consistent crimp results
- Lateral insertion
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- Non-slip handles

Technical data	
Crimping range total	2 x 4 - 50 mm ²
Cable end-sleeves	10 - 50 mm ²
Twin cable end-sleeves	2 x 4 - 2 x 16 mm ²
Length	335 mm
Weight	0.8 kg
Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 2 x 4 - 50 mm ²	K271

Accessories	Part No.	Page
Steel carrying case	SK4L	213

K 27/2 Crimping tool for cable end-sleeves 50 - 95 mm²

- ▶ Special trapezoid crimping suitable for box terminals
- ▶ Special type, especially suitable for fine stranded conductors
- ▶ For large cross-sections to 95 mm²

Characteristics

- One crimp profile per cross-section
- With ratchet for consistent crimp results
- Lateral insertion
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- Non-slip handles

Technical data	
Crimping range	50 - 95 mm ²
Length	335 mm
Weight	0.8 kg
Item	Part No.
Crimping tool for cable end-sleeves 50 - 95 mm ²	K272

Accessories	Part No.	Page
Steel carrying case	SK4L	213

K 28 Crimping tool for cable end-sleeves and twin cable end-sleeves 4 - 50 mm²

▶ Trapezoid crimping suitable for box terminals

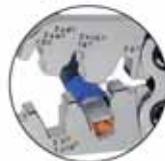
Characteristics

- One crimp profile per cross-section
- With ratchet for consistent crimp results
- Lateral insertion
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- Non-slip handles

Technical data	
Crimping range total	4-50 mm ²
Cable end-sleeves	10-50 mm ²
Twin cable end-sleeves	2 x 4-2 x 16 mm ²
Length	335 mm
Weight	0.8 kg

Item	Part No.
Crimping tool for cable end-sleeves and twin cable end-sleeves 4 - 50 mm ²	K28

Accessories	Part No.	Page
Steel carrying case	SK4L	213



K 29 Crimping tool for cable end-sleeves 50 - 95 mm²

▶ Trapezoid crimping suitable for box terminals
 ▶ For large cross-sections to 95 mm²

Characteristics

- One crimp profile per cross-section
- With ratchet for consistent crimp results
- Lateral insertion
- Non-slip handles

Technical data	
Crimping range	50 - 95 mm ²
Length	335 mm
Weight	0.8 kg

Item	Part No.
Crimping tool for cable end-sleeves 50 - 95 mm ²	K29

Accessories	Part No.	Page
Steel carrying case	SK4L	213



K 10 Crimping tool for insulated cable connections 0.5 - 6 mm²

- ▶ Oval crimping
- ▶ To shorten screws M2.6 - M6
- ▶ With wire stripper and cutter

Characteristics

- Stripping and crimping is done in two operations
- Wire stripping tool for cross-sections 0.5 - 6 mm²
- Colour-coded cross-section assignment

Technical data	
Crimping range total	0.5 - 6 mm ²
Red insulation sleeve	0.5 - 1.0 mm ²
Blue insulation sleeve	1.5 - 2.5 mm ²
Yellow insulation sleeve	4.0 - 6.0 mm ²
Length	210 mm
Weight	0.19 kg
Item	Part No.
Crimping tool for insulated cable connections 0.5 - 6 mm ²	K10

Accessories	Part No.	Page
Steel carrying case	MK210L	214

K 14 Crimping tool for insulated cable connections 0.5 - 6 mm²

- ▶ Oval crimping
- ▶ Spring-supported tool opening
- ▶ With wire stripper and cutter

Characteristics

- Additional three-stage positioning
- Colour-coded cross-section assignment
- Adjustable tool pre-tensioning

Technical data	
Crimping range total	0.5 - 6 mm ²
Red insulation sleeve	0.5 - 1.0 mm ²
Blue insulation sleeve	1.5 - 2.5 mm ²
Yellow insulation sleeve	4.0 - 6.0 mm ²
Length	215 mm
Weight	0.5 kg
Item	Part No.
Crimping tool for insulated cable connections 0.5 - 6 mm ²	K14

Accessories	Part No.	Page
Steel carrying case	MK210L	214

K 80 Presswerkzeug für isolierte Kabelverbindungen 0,1 - 1 mm²

- ▶ Crimping of conductor and insulation in one step
- ▶ An adjusting disc balances the wear of the crimping tool

Characteristics

- Accurate drive
- With ratchet for consistent crimp results
- Colour-coded cross-section assignment
- Non-slip handles

Technical data	
Crimping range total	0.1 - 1 mm ²
Red insulation sleeve	0.5 - 1.0 mm ²
Yellow insulation sleeve	0.1 - 0.4 mm ²
Length	195 mm
Weight	0.38 kg

Item	Part No.
Crimping tool for insulated cable connections 0.1 - 1 mm ²	K80

Accessories	Part No.	Page
Steel carrying case	SK43L	213



K 81 Crimping tool for insulated cable connections 0.5 - 2.5 mm²

- ▶ Crimping of conductor and insulation in one step
- ▶ An adjusting disc balances the wear of the crimping tool

Characteristics

- Double crimping, oval shape
- Accurate drive
- With ratchet for consistent crimp results
- Colour-coded cross-section assignment

Technical data	
Crimping range total	0.5 - 2.5 mm ²
Red insulation sleeve	0.5 - 1.0 mm ²
Blue insulation sleeve	1.5 - 2.5 mm ²
Length	195 mm
Weight	0.38 kg

Item	Part No.
Crimping tool for insulated cable connections 0.5 - 2.5 mm ²	K81

Accessories	Part No.	Page
Steel carrying case	SK43L	213



K 82 Crimping tool for insulated cable connections 0.5 - 6 mm²

- ▶ 33% less effort
- ▶ 3-component handle
- ▶ Highest material quality for a long service life
- ▶ Precise pre-tension setting for the maintenance of a constant crimping performance

Characteristics

- Less effort required due to a new mechanical lever system
- 3-component handles. Yellow: a hard core for perfect power transmission. Blue: soft ergonomic handle surface. Grey: super soft non-slip handles.
- Easy handling due to the reduced opening width of the tool, optimal ergonomic due to the position of the palms and fingers, which is gentle to the joints.
- Crimping of conductor and insulation in one step

Technical data

Crimping range total	0.5 - 6.0 mm ²
Red insulation sleeve	0.5 - 1.0 mm ²
Blue insulation sleeve	1.5 - 2.5 mm ²
Yellow insulation sleeve	4.0 - 6.0 mm ²
Length	225 mm
Weight	0.53 kg

Item	Part No.
Crimping tool for insulated cable connections 0.5 - 6 mm ²	K82A

Accessories	Part No.	Page
Steel carrying case	MK230L	214

K 16 Crimping tool for insulated solderless terminals 10 + 16 mm²

- ▶ Oval crimping
- ▶ Crimping tool even for meter connections

Characteristics

- With ratchet for consistent crimp results
- Colour-coded cross-section assignment

Technical data

Crimping range total	10 + 16 mm ²
Red insulation sleeve	10 mm ²
Blue insulation sleeve	16 mm ²
Length	305 mm
Weight	0.61 kg

Item	Part No.
Crimping tool for insulated solderless terminals 10 + 16 mm ²	K16

Accessories	Part No.	Page
Steel carrying case	SK4L	213

K 60 Crimping tool for non-insulated tabs and receptacles 0.5 - 6 mm²

- ▶ Roll-crimping
- ▶ To shorten screws M2.5 - M6

Characteristics

- Crimping of conductor and insulation in two steps
- With wire stripper and cutter for cross-sections 0.75 - 6 mm²
- For 2.8 and 4.8 and 6.3 mm tab widths

Technical data	
Crimping range	0.5 - 6 mm ²
Length	225 mm
Weight	0.2 kg
Item	Part No.
Crimping tool for non-insulated tabs and receptacles 0.5 - 6 mm ²	K60

Accessories	Part No.	Page
Steel carrying case	MK210L	214



K 57/2 Crimping tool for non-insulated tabs and receptacles 2.8 mm; 0.1 - 1 mm²

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step
- ▶ Spring-supported tool opening
- ▶ Tool pre-tensioning adjustable

Characteristics

- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- An adjusting disc balances the wear of the crimping tool
- For tabs and receptacles, tab width 2.8 mm

Technical data	
Crimping range	0.1-1 mm ²
Length	220 mm
Weight	0.55 kg
Item	Part No.
Crimping tool for non-insulated tabs and receptacles 2.8 mm; 0.1 - 1 mm ²	K572



K 58/2 Crimping tool for non-insulated tabs and receptacles 4.8 mm; 0.5 - 2.5 mm²

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step
- ▶ Tool pre-tensioning adjustable

Characteristics

- Spring-supported tool opening
- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- An adjusting disc balances the wear of the crimping tool
- For tabs and receptacles, tab width 4.8 mm

Technical data

Crimping range	0.5 - 2.5 mm ²
Length	220 mm
Weight	0.55 kg

Item	Part No.
Crimping tool for non-insulated tabs and receptacles 4.8 mm; 0.5 - 2.5 mm ²	K582

K 59/2 Crimping tool for non-insulated tabs and receptacles 6.3 mm; 0.5 - 6 mm²

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step
- ▶ Tool pre-tensioning adjustable

Characteristics

- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- Spring-supported tool opening
- An adjusting disc balances the wear of the crimping tool
- For tabs and receptacles, tab width 6.3 mm

Technical data

Crimping range	0.5 - 6 mm ²
Length	220 mm
Weight	0.51 kg

Item	Part No.
Crimping tool for non-insulated tabs and receptacles 6.3 mm; 0.5 - 6 mm ²	K592

K 67 Crimping tool for non-insulated tabs and receptacles 2.8 mm; 0.1 - 1 mm²

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step
- ▶ Spring-supported tool opening

Characteristics

- With ratchet for consistent crimp results
- Parallel guided crimping jaws
- For tabs and receptacles, tab width 2.8 mm

Technical data	
Crimping range	0.1 - 1 mm ²
Length	210 mm
Weight	0.5 kg

Item	Part No.
Crimping tool for non-insulated tabs and receptacles 2.8 mm; 0.1 - 1 mm ²	K67

Accessories	Part No.	Page
Steel carrying case	MK210L	214



K 65 Crimping tool for non-insulated tabs and receptacles 4.8 mm; 0.5 - 2.5 mm²

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step
- ▶ Spring-supported tool opening

Characteristics

- With ratchet for consistent crimp results
- Parallel guided crimping jaws
- For tabs and receptacles, tab width 4.8 mm

Technical data	
Crimping range	0.5 - 2.5 mm ²
Length	265 mm
Weight	0.6 kg

Item	Part No.
Crimping tool for non-insulated tabs and receptacles 4.8 mm; 0.5 - 2.5 mm ²	K65

Accessories	Part No.	Page
Steel carrying case	MK210L	214



K 63 Crimping tool for non-insulated tabs and receptacles 6.3 mm; 0.5 - 2.5 mm² with lateral conductor connector

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step

Characteristics

- With ratchet for consistent crimp results
- Excellent leverage
- Parallel guided crimping jaws
- For tabs and receptacles, tab width 6.3 mm

Technical data

Crimping range	0.5 - 2.5 mm ²
Length	265 mm
Weight	0.6 kg

Item	Part No.
Crimping tool for non-insulated tabs and receptacles 6.3 mm; 0.5 - 2.5 mm ² with lateral conductor connector	K63

K 64 Crimping tool for non-insulated tabs and receptacles 6.3 mm; 0.5 - 1.5 mm² with lateral conductor connector

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step

Characteristics

- With ratchet for consistent crimp results
- Excellent leverage
- Parallel guided crimping jaws
- For tabs and receptacles, tab width 6.3 mm

Technical data

Crimping range	0.5 - 1.5 mm ²
Length	265 mm
Weight	0.6 kg

Item	Part No.
Crimping tool for non-insulated tabs and receptacles 6.3 mm; 0.5 - 1.5 mm ² with lateral conductor connector	K64

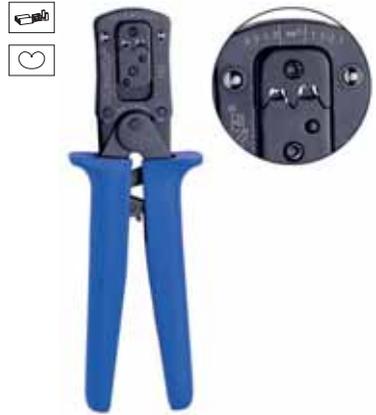
K 68 Crimping tool for non-insulated tabs and receptacles 6.3 mm; 0.5 - 2.5 mm²

- ▶ Roll-crimping
- ▶ Crimping of conductor and insulation in one step
- ▶ Spring-supported tool opening

Characteristics

- With ratchet for consistent crimp results
- Parallel guided crimping jaws
- For tabs and receptacles, tab width 6.3 mm

Technical data	
Crimping range	0.5 - 2.5 mm ²
Length	265 mm
Weight	0.6 kg
Item	Part No.
Crimping tool for non-insulated tabs and receptacles 6.3 mm tab width 0.5 - 2.5 mm ²	K68



K 93 Crimping tool for connectors for solid conductors 1.5 - 4 mm²

- ▶ Hexagonal crimping
- ▶ Tool pre-tensioning adjustable

Characteristics

- Accurate drive
- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- Non-slip handles
- An adjusting disc balances the wear of the crimping tool

Technical data	
Crimping range	1.5 - 4 mm ²
Length	220 mm
Weight	0.56 kg
Item	Part No.
Crimping tool for connectors for solid conductors 1.5 - 4 mm ²	K93



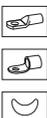
K 94 Crimping tool for tubular cable lugs and connectors for solid conductors 6 - 10 mm²

- ▶ Hexagonal crimping
- ▶ Tool pre-tensioning adjustable

Characteristics

- Accurate drive
- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- Non-slip handles
- An adjusting disc balances the wear of the crimping tool

Technical data	
Crimping range	6 - 10 mm ²
Length	220 mm
Weight	0.56 kg
Item	Part No.
Crimping tool for tubular cable lugs and connectors for solid conductors 6 - 10 mm ²	K94

K 13 Crimping tool 0.5 - 6 mm²

- ▶ Indent crimping
- ▶ To shorten screws M2.6 - M6
- ▶ With wire stripper and cutter

Characteristics

- For tubular cable lugs and connectors standard type, as well as solderless terminals DIN 46234 and pin terminals DIN 46230

Technical data		
Crimping range	0.5 - 6 mm ²	
Length	210 mm	
Weight	0.23 kg	
Item	Part No.	
Crimping tool 0.5 - 6 mm ²	K13	
Accessories	Part No.	Page
Steel carrying case	MK210L	214

K 2 Crimping tool for tubular cable lugs and connectors, standard type, 0.75 - 16 mm²

- ▶ Indent crimping
- ▶ Ideal crimping tool with spring supported tool opening

Characteristics

- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool

Technical data		
Crimping range	0.75 - 16 mm ²	
Length	325 mm	
Weight	0.6 kg	
Item	Part No.	
Crimping tool for tubular cable lugs and connectors, standard type 0.75 - 16 mm ²	K2	
Accessories	Part No.	Page
Steel carrying case	SK4L	213



K 02 Crimping tool for tubular cable lugs and connectors for solid conductors 0.75 - 16 mm²

- ▶ Indent crimping
- ▶ Ideal crimping tool with spring supported tool opening
- ▶ For tubular cable lugs and connectors for solid conductors

Characteristics

- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool

Technical data		
Crimping range	0.75 - 16 mm ²	
Length	325 mm	
Weight	0.6 kg	
Item	Part No.	
Crimping tool for tubular cable lugs and connectors for solid conductors 0.75 - 16 mm ²	K02	
Accessories	Part No.	Page
Steel carrying case	SK4L	213



K 25 Crimping tool 0.5 - 16 mm²

- ▶ Indent crimping
- ▶ Ideal crimping tool with spring supported tool opening
- ▶ For solderless terminals DIN 46234, pin terminals DIN 46230
- ▶ For nickel and stainless steel tubular cable lugs and connectors to 6 mm²

Characteristics

- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool

Technical data	
Crimping range	0.5 - 16 mm ²
Length	325 mm
Weight	0.6 kg
Item	Part No.
Crimping tool 0.5 - 16 mm ²	K25

Accessories	Part No.	Page
Steel carrying case	SK4L	213

K 95 Crimping tool 16 - 95 mm²

- ▶ Indent crimping

Characteristics

- For tubular cable lugs and connectors, standard type
- For tubular cable lugs and connectors for fine stranded conductors
- For solderless terminals DIN 46234, pin terminals DIN 46230
- With revolving dies
- Excellent leverage

Technical data	
Crimping range	16 - 95 mm ²
Length	630 mm
Weight	3.6 kg
Item	Part No.
Crimping tool 16 - 95 mm ²	K95

TK 95 Crimping tool 16 - 95 mm² for workbench mounting

- ▶ Indent crimping
- ▶ Ideal tool for work bench mounting

Characteristics

- For tubular cable lugs and connectors, standard type
- For tubular cable lugs and connectors for fine stranded conductors
- For solderless terminals DIN 46234, pin terminals DIN 46230
- With revolving dies
- Excellent leverage

Technical data	
Crimping range	16 - 95 mm ²
Length	700 mm
Weight	3.9 kg
Item	Part No.
Crimping tool 16 - 95 mm ² for workbench mounting	TK95



K 5 / K 5 SP Crimping tools 6 - 50 mm²

- ▶ Indent crimping
- ▶ Version with ratchet for consistent crimp results
- ▶ Low maintenance mechanical drive

Characteristics

- For tubular cable lugs and connectors, standard type
- For tubular cable lugs and connectors for fine stranded conductors
- With revolving dies
- Exact cross-section designation on the dies

Technical data	
Crimping range	6 - 50 mm ²
Length	600 mm
Weight	2.4 kg
Item	Part No.
Crimping tool 6 - 50 mm ²	K5
Crimping tool with ratchet 6 - 50 mm ²	K5SP



K 6 / K 6 SP Crimping tools 50 - 120 mm²

- ▶ Indent crimping
- ▶ Version with ratchet for consistent crimp results
- ▶ Low maintenance mechanical drive

Characteristics

- For tubular cable lugs and connectors, standard type
- For tubular cable lugs and connectors for fine stranded conductors
- With revolving dies
- Exact cross-section designation on the dies
- Telescopic lever handles

Technical data	
Crimping range	50 - 120 mm ²
Length	970 mm
Weight	4.4 kg
Item	Part No.
Crimping tool 50 - 120 mm ²	K6
Crimping tool with ratchet 50 - 120 mm ²	K6SP

K 07 / K 07 SP Crimping tools 185 - 400 mm²

- ▶ Indent crimping
- ▶ Extremely wide cross section range up to 400 mm²
- ▶ Version with ratchet for consistent crimp results
- ▶ Low maintenance mechanical drive

Characteristics

- For tubular cable lugs and connectors, standard type
- For tubular cable lugs and connectors for fine stranded conductors
- With revolving dies
- Exact cross-section designation on the dies
- Telescopic lever handles

Technical data	
Crimping range	185 - 400 mm ²
Length	975 mm
Weight	4.7 kg
Item	Part No.
Crimping tool 185 - 400 mm ²	K07
Crimping tool with ratchet 185 - 400 mm ²	K07SP

K 7 / K 7 SP Crimping tools 120 - 240 mm²

- ▶ Indent crimping
- ▶ Large cross section range up to 240 mm²
- ▶ Version with ratchet for consistent crimp results
- ▶ Low maintenance mechanical drive

Characteristics

- For tubular cable lugs and connectors, standard type
- For tubular cable lugs and connectors for fine stranded conductors
- With revolving dies
- Exact cross-section designation on the dies
- Telescopic lever handles

Technical data	
Crimping range	120 - 240 mm ²
Length	975 mm
Weight	4.6 kg
Item	Part No.
Crimping tool 120 - 240 mm ²	K7
Crimping tool 120 - 240 mm ² , with ratchet	K7SP



K 8 / K 8 SP Crimping tools 35 - 95 mm²

- ▶ Indent crimping
- ▶ Version with ratchet for consistent crimp results
- ▶ Low maintenance mechanical drive

Characteristics

- For tubular cable lugs and connectors, standard type
- For tubular cable lugs and connectors for fine stranded conductors
- With revolving dies
- Exact cross-section designation on the dies
- Telescopic lever handles

Technical data	
Crimping range	35 - 95 mm ²
Length	970 mm
Weight	4.4 kg
Item	Part No.
Crimping tool 35 - 95 mm ²	K8
Crimping tool with ratchet 35 - 95 mm ²	K8SP



K 04 Crimping tool for tubular cable lugs and connectors, standard type, 10 - 25 mm²

- ▶ Hexagonal crimping
- ▶ Tool pre-tensioning adjustable
- ▶ Large cross-section range up to 25 mm²

Characteristics

- Energy-efficient ergonomic drive
- With ratchet for consistent crimp results
- Exact cross-section assignment thanks to permanent marking on the crimping tool
- An adjusting disc balances the wear of the crimping tool

Technical data	
Crimping range	10 - 25 mm ²
Length	260 mm
Weight	0.56 kg
Item	Part No.
Crimping tool for tubular cable lugs and connectors, standard type 10 - 25 mm ²	K04

K 05 BC Crimping tool for tubular cable lugs and connectors blue connection® 6 - 50 mm²

- ▶ Accurate assignment of crimping tool/crimping die through colour-coding system
- ▶ For compacted conductors to VDE 0295 class 2
- ▶ Effort-saving and low maintenance mechanical drive

Characteristics

- Hexagonal crimping
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data		
Crimping range	6 - 50 mm ²	
Length	390 mm	
Weight	1.1 kg	
Item	Part No.	
Crimping tool for tubular cable lugs and connectors, blue connection® 6 - 50 mm ²	K05BC	
Accessories	Part No.	Page
Steel carrying case	SK65L	215

K 05 / K 05 SP Crimping tools for tubular cable lugs and connectors, standard type, 6 - 50 mm²

- ▶ Hexagonal crimping
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data	
Crimping range	6 - 50 mm ²
Length	390 mm
Weight	1.1 kg

Item	Part No.
Crimping tool for tubular cable lugs and connectors, standard type 6 - 50 mm ²	K05
Crimping tool with ratchet for tubular cable lugs and connectors, standard type 6-50 mm ²	K05SP

Accessories	Part No.	Page
Steel carrying case	SK65L	215



K 05 D / K 05 D SP Crimping tools for DIN compression cable lugs and connectors 6 - 50 mm²

- ▶ Hexagonal crimping
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data	
Crimping range	6 - 50 mm ²
Length	390 mm
Weight	1.1 kg

Item	Part No.
Crimping tool for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 6 - 50 mm ²	K05D
Crimping tool with ratchet for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 6-50 mm ²	K05DSP

Accessories	Part No.	Page
Steel carrying case	SK65L	215



K 08 / K 08 SP Crimping tools for tubular cable lugs and connectors, standard type, 16 - 95 mm²

- ▶ Hexagonal crimping
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data		
Crimping range	16 - 95 mm ²	
Length	530 mm	
Weight	1.8 kg	
Item	Part No.	
Crimping tool for tubular cable lugs and connectors, standard type 16 - 95 mm ²	K08	
Crimping tool with ratchet for tubular cable lugs and connectors, standard type 16-95 mm ²	K08SP	
Accessories	Part No.	Page
Steel carrying case	SK120L	215

K 08 D / K 08 D SP Crimping tools for DIN compression cable lugs and connectors 16 - 95 mm²

- ▶ Hexagonal crimping
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data		
Crimping range	16 - 95 mm ²	
Length	530 mm	
Weight	1.8 kg	
Item	Part No.	
Crimping tool for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 16 - 95 mm ²	K08D	
Crimping tool with ratchet for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 16 - 95 mm ²	K08DSP	
Accessories	Part No.	Page
Steel carrying case	SK120L	215

K 06 BC Crimping tool for tubular cable lugs and connectors blue connection® 10 - 120 mm²

- ▶ Accurate assignment of crimping tool/crimping die through colour-coding system
- ▶ For compacted conductors to VDE 0295 class 2
- ▶ Effort-saving and low maintenance mechanical drive

Max connection



Characteristics

- Hexagonal crimping
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data		
Crimping range	10 - 120 mm ²	
Length	650 mm	
Weight	2.9 kg	
Item	Part No.	
Crimping tool for tubular cable lugs and connectors, blue connection® 10 - 120 mm ²	K06BC	
Accessories	Part No.	Page
Steel carrying case	SK120L	215

K 06 / K 06 SP Crimping tools for tubular cable lugs and connectors, standard type, 10 - 120 mm²

- ▶ Hexagonal crimping
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Max connection



Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data		
Crimping range	10 - 120 mm ²	
Length	650 mm	
Weight	2.9 kg	
Item	Part No.	
Crimping tool for tubular cable lugs and connectors, standard type 10-120 mm ²	K06	
Crimping tool with ratchet for tubular cable lugs and connectors, standard type 10-120 mm ²	K06SP	
Accessories	Part No.	Page
Steel carrying case	SK120L	215

K 06 D / K 06 D SP Crimping tools for DIN compression cable lugs and connectors 10 - 120 mm²

- ▶ Hexagonal crimping
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data		
Crimping range	10 - 120 mm ²	
Length	650 mm	
Weight	2.9 kg	
Item	Part No.	
Crimping tool for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 10 - 120 mm ²	K06D	
Crimping tool with ratchet for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 10-120 mm ²	K06DSP	
Accessories	Part No.	Page
Steel carrying case	SK120L	215

K 09 BC Crimping tool for tubular cable lugs and connectors blue connection® 25 - 150 mm²

- ▶ Accurate assignment of crimping tool/crimping die through colour-coding system
- ▶ Large cross section range up to 150 mm²
- ▶ For compacted conductors to VDE 0295 class 2
- ▶ Effort-saving and low maintenance mechanical drive

Characteristics

- Hexagonal crimping
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data		
Crimping range	25 - 150 mm ²	
Length	650 mm	
Weight	2.9 kg	
Item	Part No.	
Crimping tool for tubular cable lugs and connectors, blue connection® 25-150 mm ²	K09BC	
Accessories	Part No.	Page
Steel carrying case	SK120L	215

K 09 / K 09 SP Crimping tools for tubular cable lugs and connectors, standard type, 25 - 150 mm²

- ▶ Hexagonal crimping
- ▶ Large cross section range up to 150 mm²
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data	
Crimping range	25 - 150 mm ²
Length	650 mm
Weight	2.9 kg
Item	Part No.
Crimping tool for tubular cable lugs and connectors, standard type 25-150 mm ²	K09
Crimping tool with ratchet for tubular cable lugs and connectors, standard type 25-150 mm ²	K09SP

Accessories	Part No.	Page
Steel carrying case	SK120L	215



K 09 D / K 09 D SP Crimping tools for DIN compression cable lugs and connectors 25 - 150 mm²

- ▶ Hexagonal crimping
- ▶ Large cross section range up to 150 mm²
- ▶ Effort-saving and low maintenance mechanical drive
- ▶ Version with ratchet for consistent crimp results

Characteristics

- With revolving dies
- Exact cross-section assignment thanks to permanent marking on the dies

Technical data	
Crimping range	25 - 150 mm ²
Length	650 mm
Weight	2.9 kg
Item	Part No.
Crimping tool for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 25 - 150 mm ²	K09D
Crimping tool with ratchet for compression cable lugs and connectors (DIN 46235 / DIN 46267 part 1) 25-150 mm ²	K09DSP

Accessories	Part No.	Page
Steel carrying case	SK120L	215



K 511 / K 512 Crimping tools for gas-tight connections



- ▶ Parallel guided crimping jaws
- ▶ Suitable for gas-tight connections

Characteristics

- Non-insulated tubular cable lugs, ring and fork type
- Parallel and butt connectors
- Optimised force transmission
- With ratchet for consistent crimp results
- Non-slip handles

Technical data		
Length	270 mm	
Weight	0.7 kg	
Item	Crimping range mm ²	Part No.
Mechanical crimping tool 1 - 4 mm ²	1-4	K511
Mechanical crimping tool 6 + 10 mm ²	6+10	K512

DN-K 74/2 Mechanical crimping tool for BNC connectors and coax cables



- ▶ Hexagonal crimping
- ▶ Tool pre-tensioning adjustable

Characteristics

- With ratchet for consistent crimp results
- An adjusting disc balances the wear of the crimping tool
- Suitable for: Coax cable RG 58, RG 59, RG 62 and RG 71

Technical data	
Length	220 mm
Weight	0.560 kg
Item	Part No.
Mechanical crimping tool for BNC connector, coax cable RG 58, RG 59, RG 62 and RG 71	DNK742

K 90 MC3 2 Crimping tool for multi-contact plug connectors MC3, 2.5 - 6 mm²

- ▶ Parallel guided crimping jaws
- ▶ Includes positioning facility to protect against incorrect crimps



Characteristics

- Accurate drive
- With ratchet for consistent crimp results
- Optimised force transmission
- Non-slip handles

Technical data	
Crimping range	2.5 - 6 mm ²
Length	270 mm
Weight	0.735 kg
Item	Part No.
Mechanical crimping tool for Multi-Contact-Plug-in system MC3, 2.5 - 6 mm ²	K90MC32



K90 MC4 1 Crimping tool for multi-contact plug connectors MC4, 1.5 - 4 mm²

- ▶ Parallel guided crimping jaws
- ▶ Includes positioning facility to protect against incorrect crimps



Characteristics

- Accurate drive
- With ratchet for consistent crimp results
- Optimised force transmission
- Non-slip handles

Technical data	
Crimping range	1.5 - 4 mm ²
Length	270 mm
Weight	0.735 kg
Item	Part No.
Mechanical crimping tool for Multi-Contact-Plug-in system MC4, 1.5 - 4 mm ²	K90MC41



K90 MC4 2 Crimping tool for multi-contact plug connectors MC4, 2.5 - 6 mm²

- ▶ Parallel guided crimping jaws
- ▶ Includes positioning facility to protect against incorrect crimps

Characteristics

- Accurate drive
- With ratchet for consistent crimp results
- Optimised force transmission
- Non-slip handles

Technical data

Crimping range	2.5 - 6 mm ²
Length	270 mm
Weight	0.735 kg

Item	Part No.
Mechanical crimping tool for Multi-Contact-Plug-in system MC4, 2.5 - 6 mm ²	K90MC42

K907 MC SET Case with crimping tool for multi-contact plug connectors and photovoltaic stripper

- ▶ Roll-crimping
- ▶ Spring supported tool opening
- ▶ Adjustable tool pretension
- ▶ An adjusting disc balances the wear of the crimping tool

Characteristics

- Includes positioning facility to protect against incorrect crimps
- Precise drive with ratchet for consistent crimp results
- Complete set in plastic case
- Optimised force transmission
- Precise and simple stripping options
- Crimping dies with easy-to-replace fixing pins

Technical data	
Crimping range	1.5-6 mm ²
Multi-contact-Plug-in system:	MC4: 1.5 - 6 mm ²
Dimensions	235 x 180 x 50 mm
Total weight	900 g

Item	Part No.	
Case with crimping tool for multi-contact plug connectors and photovoltaic stripper	K907MCSET	
Scope of supply	Part No.	Page
Mechanical crimping tool for Multi-Contact-Plug-in system MC4, 1.5 - 6 mm ²		
Crimping dies MC4 1.5, 2.5 mm ²		
Crimping dies MC4 4, 6 mm ²		
Positionier MC4 contacts		
Photovoltaic stripper	KL735PV	521



KP 1 / KP 1 L Mechanical basic tools of the Klauke Pro-Series



- ▶ Easy change of crimping head without tools
- ▶ Compatible with all crimping heads of the Klauke Pro-Series

Characteristics

- Standardised mounting of crimping heads
- With ratchet for consistent crimp results

Item	Weight kg	Part No.
Basic tool from the Klauke Pro-Series, length 151 mm	0.2	KP1
Basic tool from the Klauke Pro-Series, length 207 mm	0.3	KP1L

Accessories	Part No.	Page
Plastic case	MKCP1	216

Suitable for	Crimping range mm ²	Crimp profile	Part No.
Crimping heads for cable end-sleeves			
 Cable end-sleeves, trapezoid crimping	0.14 - 6		KP 312
 Cable end-sleeves, square pressing	0.08 - 10		KP 303
 Cable end-sleeves, square pressing	10 - 16		KP 304
 Cable end-sleeves, round pressing	0.14 - 2.5		KP 350
 Cable end-sleeves, round pressing for narrow chamber sizes	1.5 - 6		KP 351
 Cable end-sleeves, round pressing for narrow chamber sizes	10 - 16		KP 352
 Cable end-sleeves DIN 46228, part 2, roll-crimping	0.5 - 2.5		KP 66
Crimping heads for insulated cable connections			
 Insulated cable connections (yellow and red)	0.1 - 1		KP 80
 Insulated cable connections (red and blue)	0.5 - 2.5		KP 81
 Insulated cable connections (red, yellow, blue)	0.5 - 6		KP 82
 Insulated cable connections (yellow)	4 - 6		KP 83
Crimping heads for tubular cable lugs and solderless terminals			
 Tubular cable lugs and solderless terminals	0.5 - 6		KP 232
 Tubular cable lugs and solderless terminals	4 - 10		KP 242
Crimping heads for photovoltaic			
 Connector for photovoltaics 3 mm dia.	2.5 - 4		KP 90 MC31

Suitable for	Crimping range mm ²	Crimp profile	Part No.
Crimping heads for receptacles			
 Part No. 3720. Receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1		KP 631
 Part No. 3725, receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1.5		KP 64
 Part No. 3735, receptacles 6.3 x 0.8 mm with lateral conductor connector	1.5 - 2.5		KP 632
 For receptacles 2.8 mm tab width	0.1 - 1		KP 67
 For receptacles 4.8 mm tab width	0.5 - 2.5		KP 65
 For receptacles 6.3 mm tab width	0.5 - 2.5		KP 68

SKP 1 Crimping head set of the Klauke Pro-Series

- ▶ Easy change of crimping head without tools
- ▶ Crimping of conductor and insulation in one step
- ▶ Spring supported tool opening

Characteristics

- Parallel guided crimping heads
- With ratchet for consistent crimp results



Klauke^{pro}

Technical data		
Dimension	250 x 115 x 40 mm	
Weight	0.8 kg	
Item	Part No.	
Crimping head set of the Klauke Pro-Series	SKP1	
Scope of supply	Part No.	Page
Basic tool from the Klauke Pro-Series, length 151 mm	KP1	256
Crimping head for insulated cable connections 0.5 - 2.5 mm ² (red, blue)	KP81	
Crimping head for cable end-sleeves, square pressing, 0.08 - 10 mm ²	KP303	
Crimping head for non-insulated tubular cable lugs and solderless terminals 0.5 - 6 mm ²	KP232	

SKP 6 Crimping heads set of the Klauke Pro-Series



- ▶ Easy change of crimping head without tools
- ▶ Crimping of conductor and insulation in one step
- ▶ Parallel guided crimping heads
- ▶ Spring supported tool opening

Characteristics

- Roll-crimping
- For crimping of non-insulated receptacles with lateral conductor connector
- With ratchet for consistent crimp results

Technical data		
Dimension	250 x 115 x 40 mm	
Weight	0.8 kg	
Item	Part No.	
Crimping head set of the Klauke Pro-Series	SKP6	
Scope of supply	Part No.	Page
Basic tool from the Klauke Pro-Series, length 151 mm	KP1	256
Crimping head for receptacles 6.3 x 0.8 mm with lateral conductor connector, 0.5 - 1 mm ² , for Item 3720	KP631	
Crimping head for receptacles 6.3 x 0.8 mm with lateral conductor connector, 1.5 - 2.5 mm ² , for Item 3735	KP632	
Crimping head for receptacles 6.3 x 0.8 mm with lateral conductor connector, 0.5 - 1.5 mm ² , for Item 3725	KP64	

K 507 Crimping tool with interchangeable dies



- ▶ Fast change of crimping die, no tools required, without readjustment by special fixing system
- ▶ Additional crimping dies integrated in the handle

Characteristics

- With ratchet for consistent crimp results
- An adjusting disc balances the wear of the crimping tool

Technical data		
Length	220 mm	
Weight	0.6 kg	
Item	Part No.	
Crimping tool with interchangeable dies	K507	
Scope of supply	Part No.	Page
Crimping die for insl. connector 0.5 - 6 mm ²	IS5071	
Crimping dies AE 50, 0.14 - 10 mm ²	AE501	414
Crimping die for insulated connectors 0.5 - 6 mm ²	Q5071	

K 50 Crimping tool for interchangeable dies

- ▶ Parallel guided crimping jaws
- ▶ Fast change of crimping die without readjustment by special fixing system

Characteristics

- Optimised force transmission
- With ratchet
- Non-slip handles

Technical data		
Length	220 mm	
Weight	0.6 kg	
Item	Part No.	
Crimping tool for interchangeable dies 0.1 - 50 mm ²	K50	
Accessories	Part No.	Page
Steel carrying case	MK55	214



Available dies for Series 50 for K 50

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, Cu, standard type		0.75 - 10		414
Tubular cable lugs and connectors for solid conductors, Cu		1.5 - 10		414
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		0.5 - 10		414
Cable end-sleeves				
Cable end-sleeves		0.14 - 50		414
Cable connections, insulated and non-insulated				
Non insulated receptacles		0.25 - 6		415
for pin and shielded receptacles, BNC connectors for coax cables RG 58,59,60 and 71				415
Turned pin connectors, pin receptacles		0.1 - 4		415
Insulated cable connections, double crimping		0.1 - 6		415
Insulated cable connections, single crimping		0.5 - 16		415

K 35/4 Crimping tool for interchangeable dies 6 - 150 mm²

- ▶ Change of crimping dies without tools
- ▶ Optimised for cable glands and panel building
- ▶ Effort-saving and low maintenance mechanical drive

Characteristics

- Narrow crimping
- With telescopic handles
- Crimping head rotates 360°
- Fast change of crimping die without readjustment by special fixing system

Technical data		
Length	Stepless 420 - 590 mm	
Weight	1.9 kg	
Item	Part No.	
Crimping tool for interchangeable dies 6 - 150 mm ²	K354	
Accessories	Part No.	Page
Steel carrying case	SK65L	215



Available dies for Series 4 for K 35/4

Suitable for	Connecting material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection® for compacted conductors acc. to VDE 0295, class 2		6 - 150		416
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 150		417
Insulated tubular cable lugs and connectors, standard type, insulated pin terminals		10 - 70		417
Tubular cable lugs and connectors for fine stranded conductors		10 - 35		418
Tubular cable lugs and compression joints for solid conductors		1.5 - 16		418
Tubular cable lugs and connectors, Ni, stainless steel				
Tubular cable lugs and connectors, stainless steel		0.5 - 16		418
Tubular cable lugs and connectors, Ni		0.5 - 16		418
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 120		418
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230) - Cu		10 - 35		419
Insulated solderless terminals and connectors		10 - 16		419
Sleeves for compacted conductors and sector shaped conductors				
Pre-rounding dies for sector shaped Al and Cu conductors		10sm - 150se / 120sm		419
Aluminum compression cable lugs and connectors to DIN				
Aluminum compression cable lugs and connectors to DIN		10 - 70		420
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 50		420
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 70		420
Clamps and screw connectors				
Clamps, C-type		4 - 35		420
Cable end-sleeves				
Cable end-sleeves		10 - 50		420
Twin cable end-sleeves		2 x 4 - 2 x 16		421
Twin cable end-sleeves for fine stranded conductors		2 x 4 - 2 x 16		421
Cable end-sleeves for fine stranded conductors		10 - 50		421

Please observe the restrictions in the technical index when crimping connectors!



K 18 Crimping tool for interchangeable dies acc. to DIN 48083, part 1, 6 - 185 mm²

- ▶ Change of crimping dies without tools
- ▶ Optimised for cable glands and panel building
- ▶ Effort-saving and low maintenance mechanical drive

Characteristics

- Narrow crimping
- With telescopic handles
- C-head rotates 360°
- Fast change of crimping die without readjustment by special fixing system

Technical data		
Length	Stepless 580 - 830 mm	
Weight	2.5 kg	
Item	Part No.	
Crimping tool for interchangeable dies acc. to DIN 48083, sheet 1, 6 - 185 mm ²	K18	
Accessories	Part No.	Page
Steel carrying case	MK18	215

18

Available dies for Series 18 for K 18

Suitable for	Connection material	Crimping range mm²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		6 - 185		427
Connectors, Standard type		6 - 95		427
Insulated tubular cable lugs and compression joints standard type, insulated pin terminals		10 - 95		427
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		428
Tubular cable lugs and connectors for solid conductors		1.5 - 16		428
Copper compression cable lugs and connectors acc. to DIN				
Copper compression cable lugs (DIN 46235) and compression joints acc. to DIN		6 - 185		428
Connectors DIN 46267		6 - 70		428
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		10 - 70		429
Insulated solderless terminals		10 - 50		429
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding dies for sector-shaped Al and Cu conductors		10 sm - 240 se / 185 sm		429
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs acc. to DIN - Al		10 - 185		430
Aluminum connectors		10 - 70		430
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 95		430
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 185		430
Clamps and screw connectors				
Clamps, C-type		4 - 50		430
Cable end-sleeves				
Cable end-sleeves		10 - 95		431
Twin cable end-sleeves		2 x 4 - 2 x 16		431
Cable end-sleeves for fine stranded conductors		10 - 95		431
Twin cable end-sleeves for fine stranded conductors		2 x 4 - 2 x 16		432
Cutting die				
Cutting die 18 mm		18 mm dia.		432

Please observe the restrictions in the technical index when crimping connectors!



K 22 Crimping tool for interchangeable dies 6 - 300 mm²
22
 KLAUKE


- ▶ Change of crimping dies without tools
- ▶ Optimised for cable glands and panel building
- ▶ Effort-saving and low maintenance mechanical drive

Characteristics

- Narrow crimping
- Large cross section by half shell dies
- With telescopic handles
- Crimping head rotates 360°, flip flop style
- Fast change of crimping die without readjustment by special fixing system

Technical data		
Length	Stepless 560 - 860 mm	
Weight	2.5 kg	
Item	Part No.	
Crimping tool for interchangeable dies 6 - 300 mm ²	K22	
Accessories	Part No.	Page
Steel carrying case	MK22	216

Available dies for Series 22 for K 22

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 300		433
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		6 - 300		434
Insulated tubular cable lugs and compression joints, standard type, insulated pin terminals		10 - 150		434
Tubular cable lugs and connectors for fine stranded conductors		10 - 70		435
Tubular cable lugs and connectors for solid conductors		1.5 - 16		435
Tubular cable lugs and connectors, Ni, stainless steel				
Tubular cable lugs and connectors, stainless steel		0.5 - 16		435
Tubular cable lugs and connectors, Ni		10 - 50		435
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 300		436
Double compression cable lugs		2 x 50 - 2 x 70		436
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234), connectors (DIN 46267, part 1) acc. to DIN		10 - 70		437
Insulated solderless terminals		10 - 70		437
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding dies for sector shaped Al and Cu conductors		10 sm - 300 se / 240 sm		437
Aluminum compression cable lugs and connectors to DIN				
Aluminum compression cable lugs and connectors acc. to DIN - Al		10 - 300		438
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		438
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25 / 4 - 120 / 20		439
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		439
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 300		438
Clamps and screw connectors				
C-clamps		4 - 50		439
H-clamps		70		439
Cable end-sleeves				
Cable end-sleeves		10 - 240		440
Twin cable end-sleeves		2 x 4 - 2 x 16		440
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 240		440
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		441

Please observe the restrictions in the technical index when crimping connectors!

Precise cutting by hand.

Mechanical tools for cutting.

Precise cuts are no longer rocket science - as long as you have the right tool to hand.

The potential for cutting is endless. That's why Klauke places so much importance on the quality of its cutting tools. They are all made from high-quality materials, are rust-proof and surface-finished. This symbiosis of quality and longevity expand the product features and make them unique. The cutting tools are accurately finished and are set apart by high material quality and precision. Because precision plays a key role, Klauke's cutting tools have ergonomically-designed handles and are perfectly matched to the drive, thereby maximising hand force transmission.



- Cutting tools for aluminum and copper cables up to 100 mm dia.
- Fully-insulated cutting tools up to 1000 V to DIN EN 60900.
- Lever mechanism for optimized force exertion.
- High-grade cutting blades for precise cuts.



Precise cutting results.

- ▶ The use of high-grade steels and the annealing process guarantee a long service life for the manual cutting tools.
- ▶ A special lever mechanism allows low-force, effortless operations.
- ▶ Small handy tools offering great benefits.

Benefits:

- ▶ Many years of low wear use.
- ▶ Effortless operations.
- ▶ Fit into any toolbox and is to hand at all times.



Which cutting tool for which application?

Type	max. mm dia. ¹⁾	Application			Design		Drive	
		Copper/aluminum stranded	Copper, fine	VDE, insulated	Open head	Closed head	Single-acting drive	Force-supported drive
K118	12	✓	✓		✓		✓	
K100	14	✓	✓		✓		✓	
K102	20	✓	✓		✓		✓	
K130	30	✓	✓		✓		✓	
K150	50	✓	✓		✓		✓	
K230 ²⁾	39	✓	✓	✓	✓		✓	
K250 ²⁾	50	✓	✓	✓	✓		✓	
K101/1	26	✓	✓		✓			✓
K105/1	26	✓	✓		✓			✓
K201/1 ²⁾	26	✓	✓	✓	✓			✓
K101/2	38	✓	✓		✓			✓
K18 (S18)	18	✓			✓			✓
K106/1	32	✓				✓		✓
K106/2	52	✓				✓		✓
K103/1	60	✓				✓		✓
K104/1	100	✓				✓		✓

¹⁾ The exact cutting capacity depends on the type of cable or rope.

²⁾ With fully-insulated levers to IEC 60900.



K 118 Hand-operated cutting tool for Cu and Al cables up to 12 mm dia.



Cu
Al

- ▶ Handy design with high performance
- ▶ Cutting tool for solid, stranded, fine stranded and super fine stranded conductors, e.g. VDE 0295 class 1, 2, 5 and 6
- ▶ High cutting performance by specially designed cutting blades
- ▶ Two cutting blades for small and large cable dimensions for high user comfort

Characteristics

- One hand operation
- For solid conductors class 1 up to 10 mm² (max. 4 mm dia.)
- For copper stranded conductors class 2 up to 16 mm² (max. 5 mm dia.)
- For aluminum stranded conductors class 2 up to 25 mm² (max. 10 mm dia.)
- For copper fine and super fine stranded conductors class 5 and 6 up to 50 mm² (max. 12 mm dia.)

Technical data	
Cutting range	max. 12 mm dia., e.g. 1 x 50 mm ² H07VK
Length	165 mm
Weight	0.17 kg
Item	Part No.
Hand-operated cutting tool to 12 mm dia.	K118

K 100 Hand-operated cutting tool for Al and Cu cables up to 14 mm dia.



Cu
Al

- ▶ Outstanding cutting tool for fine and multi-stranded cables

Characteristics

- Short design
- Two-hand operation

Technical data	
Cutting range	max. 14 mm dia., e.g. 1 x 50 mm ² H07VK
Length	280 mm
Weight	0.55 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 14 mm	K100

K 102 Hand-operated cutting tool up to 20 mm dia.

- ▶ Outstanding cutting tool for fine and superfine stranded copper cables acc. to VDE 0295 class 5 and 6

Characteristics

- Non-slip handles

Technical data	
Cutting range	max. 20 mm dia., e.g. 1 x 95 mm ² H07V-K
Length	225 mm
Weight	0.35 kg
Item	Part No.
Hand-operated cutting tool to 20 mm dia.	K102



Cu

K 106/1 Hand-operated cutting tool for Al and Cu cables up to 32 mm dia.

- ▶ For earth, plastic and rubber cables
- ▶ Lightweight design with great cutting performance

Characteristics

- One-hand operation
- Effort-saving 2-stage ratchet system
- Not suitable for cutting steel or steel wire
- Non-slip handles

Technical data	
Cutting range	max. 32 mm dia., e.g. 4 x 35 mm ² NYY
Length	250 mm
Weight	0.55 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 32 mm dia.	K1061



Cu
Al

K 106/2 Hand-operated cutting tool for Al and Cu cables up to 50 mm dia.



Cu
Al

- ▶ For earth, plastic and rubber cables
- ▶ Lightweight design with great cutting performance

Characteristics

- One-hand operation
- Effort-saving 2-stage ratchet system
- Not suitable for cutting steel or steel wire
- Non-slip handles

Technical data	
Cutting range	e.g. 4 x 120 mm ² NYV, max. 50 mm dia.
Length	280 mm
Weight	0.74 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 50 mm dia.	K1062

K 103/1 Hand-operated cutting tool for Al and Cu cables up to 60 mm dia.



Cu
Al

- ▶ For earth, plastic and rubber cables
- ▶ Cutting range up to 60 mm diameter

Characteristics

- Two-hand operation
- Effort-saving 2-stage ratchet system
- Not suitable for cutting steel or steel wire

Technical data	
Cutting range	e.g. 4 x 240 mm ² NAVY, max. 60 mm dia.
Length	720 mm
Weight	4.5 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 60 mm dia.	K1031

K 104/1 Hand-operated cutting tool for Al and Cu cables up to 100 mm dia.

- ▶ For earth, plastic and rubber cables
- ▶ Very wide cutting range up to 100 mm dia.

Characteristics

- Two-hand operation
- Effort-saving 2-stage ratchet system
- Not suitable for cutting steel or steel wire

Technical data	
Cutting range	e.g. 4 x 400 mm ² NAYY, max. 100 mm dia.
Length	870 mm
Weight	5.7 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 100 mm dia.	K1041



Cu
Al

K 130 Hand-operated cutting tool for Al and Cu cables up to 30 mm dia.

- ▶ High performance because of specially designed flat cutting blades
- ▶ Also for fine stranded conductors

Characteristics

- Two-hand operation
- Large cutting range
- Not suitable for cutting steel or steel wire
- Roughened handles for safe working

Technical data	
Cutting range	e.g. 4 x 35 mm ² NYN, max. 30 mm dia.
Length	570 mm
Weight	1.7 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 30 mm dia.	K130



Cu
Al

K 230 Hand-operated cutting tool for Al and Cu cables up to 30 mm dia.



1000V
IEC 60900

Cu
Al

- ▶ High performance because of specially designed flat cutting blades
- ▶ 1000 V fully insulated to IEC 60900
- ▶ Also for fine stranded conductors

Characteristics

- Two-hand operation
- Not suitable for cutting steel or steel wire

Technical data		Part No.
Cutting range	max. 30 mm dia., e.g. 4 x 35 mm ² NYY	K230
Length	570 mm	
Weight	2.1 kg	
Item	Hand-operated cutting tool for Cu and Al cables to 30 mm dia.	

K 150 Hand-operated cutting tool for Al and Cu cables up to 50 mm dia.



Cu
Al

- ▶ High performance because of specially designed flat cutting blades
- ▶ Also for fine stranded conductors
- ▶ Roughened handles for safe working

Characteristics

- Two-hand operation
- Large cutting range
- Not suitable for cutting steel or steel wire

Technical data		Part No.
Cutting range	max. 50 mm dia., e.g. 4 x 120 mm ² NYY	K150
Length	710 mm	
Weight	3 kg	
Item	Hand-operated cutting tool for Cu and Al cables to 50 mm dia.	

K 250 Hand-operated cutting tool for Al and Cu cables up to 50 mm dia.

- ▶ High performance because of specially designed flat cutting blades
- ▶ 1000 V fully insulated to IEC 60900
- ▶ Also for fine stranded conductors e.g. VDE 0295 Class 5

Characteristics

- Two-hand operation
- Large cutting range
- Not suitable for cutting steel or steel wire

Technical data	
Cutting range	e.g. 4 x 120 mm ² NY, max. 50 mm dia.
Length	710 mm
Weight	3.7 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 50 mm dia.	K250



1000V
IEC 60900

Cu
Al

K 101/1 Hand-operated cutting tool for Al and Cu cables up to 26 mm dia.

- ▶ Cutting head exchangeable at site
- ▶ Also for fine stranded conductors

Characteristics

- Two-hand operation
- Excellent leverage
- Not suitable for cutting steel or steel wire
- Roughened handles for safe working

Technical data	
Cutting range	e.g. 4 x 25 mm ² NY, max. 26 mm dia.
Length	570 mm
Weight	1.8 kg
Item	Part No.
Hand-operated cutting tool for Cu and Al cables to 26 mm dia.	K1011

Accessories	Part No.	Page
Replacement cutting head	K1011E	



Cu
Al



K1011E

K 105/1 Hand-operated cutting tool for Al and Cu cables up to 26 mm dia., with telescopic handles



Cu
Al



K1011E

- ▶ Tool with extendable telescopic handles
- ▶ Excellent leverage
- ▶ Also for fine stranded conductors e.g. VDE 0295 Class 5

Characteristics

- Two-hand operation
- Cutting head exchangeable at site
- Roughened handles for safe working
- Not suitable for cutting steel or steel wire

Technical data	
Cutting range	e.g. 4 x 25 mm ² NYY, max. 26 mm dia.
Length	Stepless 350-520 mm
Weight	1.4 kg
Item	Part No.
Hand-operated cutting tool for Al and Cu cables to 26 mm dia., length 350 - 520 mm continuous	K1051

Accessories	Part No.	Page
Replacement cutting head	K1011E	
Steel carrying case	SK120L	215

K 201/1 Hand-operated cutting tool for Al and Cu cables up to 26 mm dia., length 570mm



1000V IEC 60900

Cu
Al



K1011E

- ▶ 1000 V fully insulated to IEC 60900
- ▶ Excellent leverage
- ▶ Also for fine stranded conductors e.g. VDE 0295 Class 5

Characteristics

- Two-hand operation
- Cutting head exchangeable at site
- Not suitable for cutting steel or steel wire

Technical data	
Cutting range	max. 26 mm dia., e.g. 4 x 95 mm ² NYY
Length	570 mm
Weight	2 kg
Item	Part No.
Hand-operated cutting tool for Al and Cu cables to 26 mm dia., length 570 mm	K2011

Accessories	Part No.	Page
Replacement cutting head	K1011E	

K 101/2 Hand-operated cutting tool for Cu and Al cables up to 38 mm dia.

- ▶ Cutting head exchangeable at site
- ▶ Also for fine stranded conductors e.g. VDE 0295 Class 5
- ▶ Excellent leverage
- ▶ Extended lever handles

Characteristics

- Two-hand operation
- Large cutting range
- Not suitable for cutting steel or steel wire
- Roughened handles for safe working

Technical data		
Cutting range	max. 38 mm dia.	
Length	930 mm	
Weight	4.2 kg	
Item	Part No.	
Hand-operated cutting tool for Cu and Al cables to 38 mm dia.	K1012	
Accessories	Part No.	Page
Replacement cutting head	K1012E	



K1012E



The world's first electro-mechanical crimping tool with PowerSense technology



1. Manual pre-clamping

Operating the lever closes the crimping jaws without any exertion on the part of the user and fixes the connecting material. In this "pre-clamped" state it is still possible to adjust the position and the alignment.



2. Motorized crimping

Further actuation or "depression of" the lever starts the crimping process - fully automatically using the power of the integrated motor.



... and done

The retraction to the starting position is also fully automatic. During the entire crimping cycle the process can be interrupted by actuating the lever in the opposite direction.



Versatile

for convenient crimping of cable connections, cable end-sleeves and cable lugs



Innovative

with the unique, intuitive operating concept and PowerSense technology



Optimum view

thanks to LED illumination of the crimping jaws and working area



Durable

thanks to the powerful lithium-ion battery with charge status display

The new Klauke micro combines the benefits of manual crimping pliers with the convenience of battery powered hydraulic crimping tools

- ▶ High speed (crimping time < 1.5 sec.)
- ▶ Very low weight (< 1 kg)
- ▶ Very easy handling thanks to PowerSense technology
- ▶ Electronic control with blocking function and motor stall protection
- ▶ Ergonomic two-component housing in Klauke "In-line Design"
- ▶ Powerful drive technology for effortless operations
- ▶ 10.8V Lithium-ion battery with charge level indicator
- ▶ Excellent crimping results with minimum effort
- ▶ Interchangeable Klauke 50-series crimping dies (for all common applications up to 50mm²)
- ▶ Long service life (service intervals of 35,000 crimping cycles)
- ▶ Superlative value-for-money



Klauke® *micro*

Fast, light, efficient.
Klauke micro – the way you crimp today.

Until now, you could choose from three types of Klauke crimping tools for crimping in a cross-sectional range to 50 mm²: mechanical crimping pliers, pneumatic and hydraulic crimping tools. The various tool concepts offer their own particular benefits, depending on location and application requirement.

The tool program is now being expanded by a new form of crimping – as easy and fast as mechanical crimping pliers, as powerful and durable as a hydraulically-powered crimping tool.

Klauke micro – the world's first electromechanical crimping tool with PowerSense technology. Manual pre-clamping. Motorized crimping.



More performance, more efficiency – and takes up less space

The new Klauke micro is ideally suited for applications where connecting material has to be crimped quickly and in a high volume but also wherever a compact and mobile tool is required, e.g. for switch cabinet construction and numerous other installation applications in trade and industry.



EK 50 ML Electromechanical crimping tool 0.14 - 50 mm²



- ▶ The Klauke micro with intuitive PowerSense function combines the advantages of manual crimping tools with the convenience of battery-powered hydraulic crimping tools
- ▶ Excellent crimping results for minimum effort

Characteristics

- For interchangeable dies, series 50
- One-lever operation for controlling all tool functions
- Electronic control with lock function monitors complete closing of the dies
- Automatic retraction when crimping is complete
- Manual retraction in case of need thanks to opposed lever actuation
- Motor stall protection in case of faulty operation
- Ergonomic 2-component housing in Klauke "In-line design"
- Mounting lugs for use with balancer or as fall protection when used outdoors
- Very low weight and high speed for maximum efficiency
- Powerful drive technology for effortless operations
- Li-Ion battery with charge status display
- LED light for illuminating crimping point and work area
- Multifunction LED for maintenance display and data transfer via optional interface and USB adapter
- Project-relevant recording with Klauke i-press software package

Technical data	
Crimping force	max. 15 kN
Crimping range	0.14 - 50 mm ²
Crimping cycle	< 1,5 s (depending on connecting material)
Number of crimps	approx. 300 at 10 mm ² Cu DIN 46234 / per battery charge
Battery voltage	10.8 V
Battery capacity	1.5 Ah, Li-Ion
Charging time	approx. 40 min.
Weight incl. battery	0.96 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.	
Electromechanical crimping tool 0.14 - 50 mm ²	EK50ML	
Scope of supply	Part No.	Page
Battery 10,8 V / 1,5 Ah, Li-Ion (16,2 Wh)	RAML1	
Charger for 10,8 V Li-Ion Akkus, 230V	LGML1	
Crimping die for instl. connector 0.5 - 6 mm ²	ISS071	
Plastic case 450 x 370 x 105 mm	KKEK50ML	

Accessories	Part No.	Page
USB adapter	PGA1	408

Variants	Part No.	Page
Electromechanical crimping tool 0.14 - 50 mm ² with RAML1 battery, without charger, crimping die, case	EK50ML-L	

Available dies of Series 50 for

Suitable for	Connection material	Crimping range mm²	Crimp profile	Page
Copper tubular cable lugs and connectors				
Tubular cable lugs and connectors, standard type		0,75 - 10		414
Tubular cable lugs and connectors for solid conductors		1,5 - 10		414
Terminals, connectors and pin terminals acc. to DIN, copper				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		0,5 - 10		414
Cable end-sleeves				
Cable end-sleeves		0,14 - 50		414
Cable connections, insulated and non-insulated				
Insulated cable connections, double crimping		0,1 - 6		415
Insulated cable connections, single crimping		0,5 - 16		415
Non-insulated receptacles		0,25 - 6		415
BNC connectors for coax cables RG 58,59,60 and 71				415
Turned pin connectors and receptacles		0,1 - 4		415

Please observe the restrictions in the technical index when crimping connectors!



Special drives for even greater speed.

Electric and pneumatic crimping tools.

In addition to various hydraulic tools, the Klauke range also includes electromechanical and pneumatic tools. The tools are compatible with **Klauke^{pro}** series heads and are therefore extremely versatile.

The high crimping speed of the KPM15 pneumatic crimping tool makes it suitable for the standard production of individual contacts and also for use in control cabinets.

The optional foot switch allows stationary applications as a bench-mounted tool.



- Electric bench crimping tool compatible with **Klauke^{pro}** series heads and 50-series dies.
- Pneumatic crimping tool compatible with **Klauke^{pro}** series heads.
- Especially suitable for cable harness assembly.

TEKP1 Stationary basic tool - Klauke Pro-Series

- ▶ Compatible with all crimping heads of the Klauke Pro-Series
- ▶ Suitable for continuous operation
- ▶ Easy change of crimping head without tools

Characteristics

- Transportable worktop crimping device
- Safety foot switch
- Two-stage system with tooling and crimping function
- With adapter TEKP 1A50 compatible to all crimping dies of series 50

Klauke^{pro}



Technical data	
Crimping cycle	approx. 1 s (depending on cross-section)
Dimension	approx. 280 x 230 x 410 mm
Mains voltage	220 - 240 V
Weight	13.0 kg

Item	Part No.
Stationary basic tool including foot switch and mains cable	TEKP1

Accessories	Part No.	Page
Adapter for crimping dies of Series 50	TEKP1A50	

	Suitable for	Crimping range mm ²	Crimp profile	Part No.
Crimping heads for cable end-sleeves				
	Cable end-sleeves, trapezoid crimping	0.14 - 6		KP312
	Cable end-sleeves, square pressing	0.14 - 10		KP303
	Cable end-sleeves, square pressing	10 - 16		KP304
	Cable end-sleeves, round pressing	0.14 - 2.5		KP350
	Cable end-sleeves, round pressing for narrow chamber sizes	1.5 - 6		KP351
	Cable end-sleeves, round pressing for narrow chamber sizes	10 - 16		KP352
	Cable end-sleeves, DIN 46228, part 2, roll-crimping	0.5 - 2.5		KP66
Crimping heads for insulated cable connections				
	Insulated cable connections (yellow and red)	0.1 - 1		KP80
	Insulated cable connections (red and blue)	0.5 - 2.5		KP81
	Insulated cable connections (red, yellow, blue)	0.5 - 6		KP82
	Insulated cable connections (yellow)	4 - 6		KP83
Crimping heads for tubular cable lugs and terminals				
	Tubular cable lugs and solderless terminals	0.5 - 6		KP232
	Tubular cable lugs and solderless terminals	4 - 10		KP242
Crimping heads for photovoltaic				
	Connector for photovoltaics 3 mm dia.	2.5 - 4		KP90MC31
Crimping heads for receptacles				
	Part No. 3720. Receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1		KP631
	Part No. 3725, receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1.5		KP64
	Part No. 3735, receptacles 6.3 x 0.8 mm with lateral conductor connector	1.5 - 2.5		KP632
	For receptacles 2.8 mm tab width	0.1 - 1		KP67
	For receptacles 4.8 mm tab width	0.5 - 2.5		KP65
	For receptacles 6.3 mm tab width	0.5 - 2.5		KP68

KPM 15 Pneumatic basic tool - Klauke Pro Series



- ▶ Compatible with all crimping heads of the Klauke Pro-Series (with Klauke KPM 15 PRO adapter)
- ▶ Easy change of crimping head without tools

Characteristics

- Crimping head rotates 360°
- Integrated, disengageable ratchet
- Optional worktop stand, including foot switch

Technical data		
Crimping cycle	max. 1 s, depending on set pressure	
Ambient temperature	-20°C to +40 °C	
Permissible pressure range	6-8 bar	
Air consumption/cycle at 6 bar	0.32 l	
Diameter	65 mm	
Length	280 mm	
Weight	1.5 kg	
Item	Part No.	
Pneumatic basic tool of the Klauke Pro-Series	KPM15	
Accessories		
Item	Part No.	Page
Adapter for crimping heads from the Klauke Pro-Series	KPM15PRO	282
Worktop stand, including foot switch	KPM15TH	282

KPM 15 TH Worktop stand including foot switch



- ▶ Adjustable worktop with ball-point mounting system

Characteristics

- For mounting the pneumatic basic tool KPM 15

Item	Part No.	
Worktop stand, including foot switch	KPM15TH	

KPM 15 PRO Adapter for crimping heads - Klauke Pro-Series



Characteristics

- Compatible with all crimping heads of the Klauke Pro-Series

Item	Part No.	
Adapter for crimping heads from the Klauke Pro-Series	KPM15PRO	

Suitable for		Crimping range mm ²	Crimp profile	Part No.
Crimping heads for cable end-sleeves				
	Cable end-sleeves, trapezoid crimping	0.14 - 6		KP312
	Cable end-sleeves, square pressing	0.14 - 10		KP303
	Cable end-sleeves, square pressing	10 - 16		KP304
	Cable end-sleeves, round pressing	0.14 - 2.5		KP350
	Cable end-sleeves, round pressing for narrow chamber sizes	1.5 - 6		KP351
	Cable end-sleeves, round pressing for narrow chamber sizes	10 - 16		KP352
	Cable end sleeves, DIN 46228, part 2, roll-crimping	0.5 - 2.5		KP66
Crimping heads for insulated cable connections				
	Insulated cable connections (yellow and red)	0.1 - 1		KP80
	Insulated cable connections (red and blue)	0.5 - 2.5		KP81
	Insulated cable connections (red, yellow, blue)	0.5 - 6		KP82
	Insulated cable connections (yellow)	4 - 6		KP83
Crimping heads for tubular cable lugs and terminals				
	Tubular cable lugs and solderless terminals	0.5 - 6		KP232
	Tubular cable lugs and solderless terminals	4 - 10		KP242
Crimping heads for photovoltaic				
	Connector for photovoltaics 3 mm dia.	2.5 - 4		KP90MC31
Crimping heads for receptacles				
	Part No. 3720. Receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1		KP631
	Part No. 3725, receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1.5		KP64
	Part No. 3735, receptacles 6.3 x 0.8 mm with lateral conductor connector	1.5 - 2.5		KP632
	For receptacles 2.8 mm tab width	0.1 - 1		KP67
	For receptacles 4.8 mm tab width	0.5 - 2.5		KP65
	For receptacles 6.3 mm tab width	0.5 - 2.5		KP68



Increased force for fast *crimping.*

Hand-operated hydraulic crimping tools.

Klauke hand-operated hydraulic tools are the most convenient and safest types to generate precise and high operating forces by hand. The ergonomic design and lightweight aluminum handles permit frequent fatigue proof operations.

All tools feature a two-stage hydraulic system with fast feed and power stroke upon reaching counter pressure. Once the crimping operation is complete, the crimping jaws open automatically and retract to the original position - another plus for safety and comfort.

■ Hand-operated hydraulic crimping tools: **compact, innovative and safe.**

- ▶ 2-stage hydraulics with fast feed and power stroke during operation, and **automatic retraction** on completion of the crimp.
- ▶ Ergonomic design and lightweight.
- ▶ **Rotating heads.**



- **Ergonomic design and lightweight.**
- **Automatic retraction on completion of the crimping operation.**
- **Crimping tools from 55 kN to 120 kN crimping force.**
- **Nominal cross sections up to 400 mm².**

Benefits:

- ▶ Poor crimps are avoided, more safety and shorter intervals between crimping operations thanks to the automatic retraction function.
- ▶ Design and weight facilitate effortless operations.
- ▶ **Safe to work in confined space conditions thanks to the rotating heads.**
- ▶ Faster crimping with less force with the innovative 2-stage hydraulic function.

■ Optimised handling with 6-ton crimping tools.



- ▶ Aluminum pump lever and housing result in low weight.
- ▶ Compact design.
- ▶ Designed for nominal cross sections up to 300 mm².
- ▶ For Klauke 18 and 22 dies series.

Benefits:

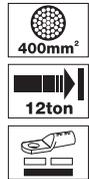
- ▶ **Extremely easy to handle**, even with frequent operations in tight areas - installing underground cable joints or processing switch gears.
- ▶ Versatile applications with the broad range in Klauke's DIN-compliant 18 and 22 series.

■ 12 tons for increased productivity.

- ▶ Very large crimping area up to 400 mm².
- ▶ For wide crimps with dies from the Klauke 13 series.

Benefits:

- ▶ **Considerably higher productivity and time saved thanks to wide crimps.**
- ▶ Typical applications include power technology and cable assembly.
- ▶ *More on Page 292.*



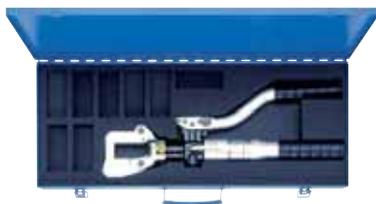
■ Quad-point indent crimping - centring guaranteed.



- ▶ Ideal for crimping tubular cable lugs on fine and superfine stranded conductors with nominal cross sections up to 300 mm².
- ▶ No dies required.
- ▶ The tools with quad-point indent crimping feature a patented Klauke centring system.
- ▶ Tools with open and flip-top crimping head.

Benefits:

- ▶ Safe, convenient processing of standard fine and superfine stranded conductors.
- ▶ Quad-point indent crimping tools **with no die change** are suitable for various cable types and sizes for numerous cable lugs and connectors.
- ▶ Optimised user safety and avoidance of poor crimps thanks to centring of conductors and connecting material.

HK 60/18 Hand-operated hydraulic crimping tool 6 - 185 mm²

- ▶ For dies acc. to DIN 48083, page 1
- ▶ Crimping dies are connected by spring - cannot get lost
- ▶ Lightweight for effortless operations

Characteristics

- For interchangeable dies, series 18, narrow crimping
- Closed crimping head, flip top style, rotatable
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data		
Crimping force	60 kN	
Stroke	14 mm	
Crimping range	6-185 mm ²	
Length	470 mm	
Weight	3.0 kg	
Ambient temperature	-20°C to +40 °C	
Item	Part No.	
Hand-operated hydraulic crimping tool 6 - 185 mm ²	HK6018	
Scope of supply	Part No.	Page
Steel carrying case for HK 60/18 with space for 8 crimping dies	MKG018	
Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 18	MA18	406
Force sensor, 70 kN	TF70L	406

Available dies for Series 18 for HK 60/18

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		6 - 185		427
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 95		427
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		428
Tubular cable lugs and connectors for solid conductors		1.5 - 16		428
Copper compression cable lugs and connectors acc. to DIN				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 185		428
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230), connectors (DIN 46341)		10 - 70		429
Insulated solderless terminals		10 - 50		429
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 240 se / 185 sm		429
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 185		430
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 95		430
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 185		430
Clamps				
Clamps, C-type		4 - 50		430
Cable end-sleeves				
Cable end-sleeves		10 - 95		431
Twin cable end-sleeves		2 x 4 - 2 x 16		431
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 95		431
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		432
Cutting die				
Cutting range		18 mm dia.		432

Please observe the restrictions in the technical index when crimping connectors!



HK 60/22 Hand-operated hydraulic crimping tool 6 - 300 mm²

- ▶ Large crimping range up to 300 mm²
- ▶ Slim crimping head - ideal when space is critical

Characteristics

- For interchangeable dies, series 22, narrow crimping
- Closed crimping head, flip top style, rotatable
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Order info

- Also available for "W" crimping dies (UL certified), part number appendix "W"

Technical data	
Crimping force	60 kN
Stroke	17 mm
Crimping range	6 - 300 mm ²
Length	460 mm
Weight	3.3 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Hand-operated hydraulic crimping tool 6 - 300 mm ²	HK6022	
Scope of supply	Part No.	Page
Steel carrying case for HK 60/22 or HK 60/22 W with space for 17 pairs of crimping dies	MK6022	

Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 22	MA22	406
Force sensor, 70 kN	TF70L	406

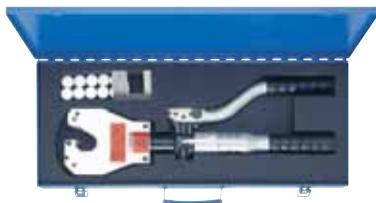
Variants	Part No.	Page
HK 60/22 with crimping die set R 22 from 16 - 240 mm ²	HK6022SETR	
HK 60/22 with crimping die set D 22 from 16 - 240 mm ²	HK6022SETD	

Available dies for Series 22 for HK 60/22

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 300		433
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 300		434
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		434
Tubular cable lugs and connectors for fine stranded conductors		10 - 70		435
Tubular cable lugs and connectors for solid conductors		1.5 - 16		435
Tubular cable lugs and connectors, Ni, stainless steel				
Stainless steel tubular cable lugs and connectors		0.5 - 16		435
Nickel tubular cable lugs and connectors		10 - 50		435
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 300		436
Double compression cable lugs		2 x 50 - 2 x 70		436
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) connectors (DIN 46230) Cu, and pin terminals (DIN 46341) Cu		10 - 70		437
Insulated solderless terminals		10 - 70		437
Compression cable lugs and connectors - Al/Cu				
Compression cable lugs and connectors - Al/Cu		10 - 300		438
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding dies for Al and Cu sector shaped conductors		10 sm - 300 se / 240 sm		437
Compression cable lugs and connectors acc. to DIN - Al				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 300		438
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		438
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25 / 4 - 120 / 20		439
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25 / 4 - 120 / 20		439
Clamps				
Clamps, C-type		4 - 50		439
Clamps, H-Type		70		439
Cable end-sleeves				
Cable end-sleeves		10 - 240		440
Twin cable end-sleeves		2 x 4 - 2 x 16		440
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 240		440
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		441

Please observe the restrictions in the technical index when crimping connectors!

HK 60 VP Hand-operated hydraulic crimping tool 10 - 240 mm²



- ▶ Suitable for crimping tubular cable lugs and connectors "standard type" and fine and superfine stranded conductors to 240 mm²
- ▶ The patented centring system guarantees every time optimum crimping results

Characteristics

- Quad-point indent crimping feature with patented centring system, no dies required
- Open crimping head, rotatable
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	55 kN
Crimping range	10 - 240 mm ²
Length	525 mm
Weight	4,1 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Hand-operated hydraulic crimping tool 10 - 240 mm ²	HK60VP	
Scope of supply	Part No.	Page
Steel carrying case for HK 60 VP or HK 60 VP/FT	MK60VP	
Gauge and 10 test cylinder	TS10B	

Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter VP	MAVP	406
Force sensor, 70 kN	TF70L	406
Gauge and 10 test cylinder	TS10B	

Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs standard type and tubular cable lugs for switchgear connections		10 - 240	
Connectors, Standard type		10 - 120	
Tubular cable lugs for fine stranded conductors		10 - 240	
Connector for fine stranded conductors		10 - 95	

HK 60 VP/FT Hand-operated hydraulic crimping tool 16 - 300 mm²

- ▶ Suitable for crimping tubular cable lugs and connectors "standard type" and fine and superfine stranded conductors to 300 mm²
- ▶ The patented centring system guarantees every time optimum crimping results
- ▶ Closed crimping head - ideal for utility lines construction

Characteristics

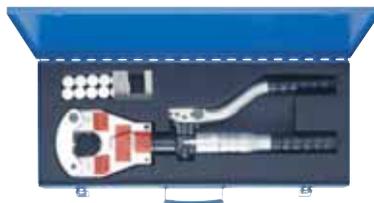
- Quad-point indent crimping feature with patented centring system, no dies required
- Closed crimping head with bolt interlock, rotatable, flip top style
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	55 kN
Crimping range	16 - 300 mm ²
Length	535 mm
Weight	4.1 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Hand-operated hydraulic crimping tool 16 - 300 mm ²	HK60VPFT	
Scope of supply	Part No. Page	
Steel carrying case for HK 60 VP or HK 60 VP/FT	MK60VP	
Gauge and 10 test cylinder	TS10B	

Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter VP	MAVP	406
Force sensor, 70 kN	TF70L	406
Gauge and 10 test cylinder	TS10B	

Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		16 - 300	
Tubular cable lugs and connectors for fine stranded conductors		16 - 300	



HK 120/30 Hand-operated hydraulic crimping tool 16 - 400 mm²



- ▶ Very large crimping range to 400 mm²
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools

Characteristics

- For interchangeable dies, series 13, wide crimping
- Open C-crimping head, rotatable
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data		
Crimping force	120 kN	
Stroke	30 mm	
Crimping range	16 - 400 mm ²	
Length	510 mm	
Weight	5.4 kg	
Ambient temperature	-20°C to +40 °C	
Item	Part No.	
Hand-operated hydraulic crimping tool 10 - 400 mm ²	HK12030	
Scope of supply	Part No.	Page
Steel carrying case for HK 120/42 with space for 15 pairs of crimping dies	MK12042	
Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 13	MA120	406
Force sensor, 130 kN	TF130L	406

Available dies for Series 13 for HK 120/30

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Butt connectors, standard type		16 - 185		443
Insulated tubular cable lugs and compression joints, standard type		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Copper compression cable lugs (DIN 46235) and connectors		16 - 300		444
Compression joints DIN 46267, part 1		16 - 150		444
Double compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) connectors (DIN 46230) and pin terminals acc. to DIN		16 - 150		445
Insulated solderless terminals		10 - 95		445
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding dies for Al and Cu sector shaped conductors		10 sm - 300 se / 300 sm		445
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors		10 - 240		446
Aluminum connectors		10 - 120		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 240		446
Clamps				
Clamps, C-type		10 - 70		447
Clamps, H-type		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!

HK 120/42 Hand-operated hydraulic crimping tool 16 - 400 mm²

- ▶ Very large crimping range to 400 mm²
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools
- ▶ C-head with large 42 mm opening width

Characteristics

- For interchangeable dies, series 13, wide crimping
- Open C-crimping head, rotatable
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data

Crimping force	120 kN
Stroke	42 mm
Crimping range	16 - 400 mm ²
Length	560 mm
Weight	5.9 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Hand-operated hydraulic crimping tool 16 - 400 mm ²	HK12042	
Scope of supply	Part No.	Page
Steel carrying case for HK 120/42 with space for 15 pairs of crimping dies	MK12042	

Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 13	MA120	406
Force sensor, 130 kN	TF130L	406

Available dies for Series 13 for HK 120/42

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 300		444
Double compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) connectors and pin terminals (DIN 46230), (DIN 46341)		16 - 150		445
Insulated solderless terminals		10 - 95		445
Pre-rounding crimping dies				
Pre-rounding dies for Al and Cu sector shaped conductors		10 sm - 300se / 300 sm		445
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 240		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 240		446
Clamps				
Clamps, C-type		10 - 70		447
Clamps, H-type		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!



HK 120 U Hand-operated hydraulic crimping tool 16 - 400 mm²



13
Klauke

12 ton



- ▶ H-head for deep groove crimping
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools

Characteristics

- For interchangeable dies, series 13, wide crimping
- Closed H-crimping head, rotatable
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data		
Crimping force	120 kN	
Stroke	20 mm	
Crimping range	16 - 400 mm ²	
Length	540 mm	
Weight	5.2 kg	
Ambient temperature	-20°C to +40 °C	
Item	Part No.	
Hand-operated hydraulic crimping tool 16 - 400 mm ²	HK120U	
Scope of supply	Part No.	Page
Steel carrying case for HK 120 U with space for 11 pairs of crimping dies	MK120U	
Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 13	MA120	406
Force sensor, 130 kN	TF130L	406

Available dies for Series 13 for HK 120 U

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Insulated cable lugs and compression joints, standard type		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 300		444
Double compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) connectors and pin terminals (DIN 46230) acc. to DIN, solderless connectors (DIN 46341) Cu		16 - 150		445
Insulated solderless terminals		10 - 95		445
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding dies for Al and Cu sector shaped conductors		10 sm - 300 se / 300 sm		445
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 240		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 240		446
Clamps				
Clamps, C-type		10 - 70		447
Clamps, H-type		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!



Klauke®

High cutting performance, less force.

Hand-operated hydraulic cutting tools:

Hand-operated Klauke cutting tools process flexible, multi-stranded, armoured and solid Cu and Al cables, as well as Al/St ropes quickly, conveniently and safely. The ergonomic design and low weight of these tools mean the user needs less effort and staying power.

The 2-stage hydraulics combine a fast feed, power stroke upon reaching counter pressure and automatic retraction function. When the cutting operation is complete, the cutting blades open and move to their original position.



- Ergonomic design and lightweight.
- Automatic retraction on completion of the cutting operation.
- Cutting tools to 85 mm dia.
- Type-dependent cutting force to 120 kN.



*Two-stage hydraulic system
and ergonomic design for
enhanced efficiency.*

■ Hand-operated hydraulic cutting tools: **compact, innovative and safe.**

- ▶ 2-stage hydraulics with fast feed and power stroke during operation and **automatic retraction** when the crimp is complete or the cable has been cut.
- ▶ Ergonomic design and lightweight.
- ▶ Rotating heads.

Benefits:

- ▶ More safety and shorter intervals between crimping operations thanks to the automatic retraction function.
- ▶ Design and weight facilitate effortless operations.
- ▶ Safe to work under difficult spatial conditions thanks to the **rotating heads**.
- ▶ Faster cutting with less force with the innovative 2-stage hydraulic function.



■ Fast and safe cutting of **Al/St** ropes: *HSG 45 and HSG 55*



- ▶ Optimised cutting performance.
- ▶ Suitable for cables up to 45 mm dia. and/or 55 mm dia.
- ▶ **For armoured Cu and Al cables and for Al/St ropes.**
- ▶ Extremely sturdy cutting heads.

Benefits:

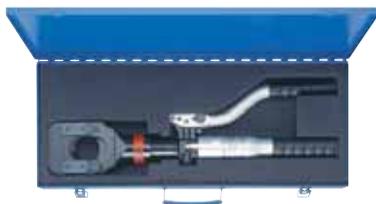
- ▶ One tool for diverse applications.
- ▶ This cutting head is set apart by its high stability even under extreme load.
- ▶ The tools are suitable as an universal cutting tool for practically every cable up to 55 mm dia.

■ All hand-operated hydraulic cutting tools at a glance.

Tool	Design		Cutting range mm dia.	Cutting force kN	Application				Features
	Open head	Closed head			Cu, Al ¹⁾	Al / St (ACSR)	Cu / Al, solid	Steel, solid	
HSG45		✓	45	60	✓	✓	✓	✓	Suitable for all standard cables to 45 mm dia. - steel armoured.
HSG50		✓	48	60	✓				Compact and lightweight cutting tool.
HSG55		✓	55	120	✓	✓	✓	✓	With 120 kN cutting force for ACSR ropes to 55 mm dia.
HSG85/2		✓	85	60	✓				Extremely wide cutting range.

¹⁾ This column also includes Cu / Al multi-stranded and Cu / Al with sheet metal and wire armouring.

HSG 45 Hand-operated hydraulic cutting tool 45 mm dia.



ESG45EF



ESG45ES1

- ▶ Cuts armoured copper and aluminum cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and Steel
- ▶ Extremely sturdy design

Characteristics

- Closed cutting head with bolt interlock, rotatable, flip top style
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when cut is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data

Cutting range	max. 45 mm dia.
Cutting force	60 kN
Length	560 mm
Weight	4.9 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Hand-operated hydraulic cutting tool 45 mm dia.	HSG45	
Scope of supply	Part No.	Page
Steel carrying case for HSG 45 or HSG 50	MK50	

Accessories	Part No.	Page
Outer fixed blade	ESG45EF	
Inner moving blade	ESG45ES1	

HSG 50 Hand-operated hydraulic cutting tool 48 mm dia.

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Lightweight for effortless operations

Characteristics

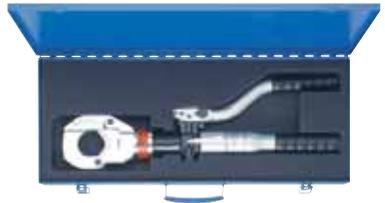
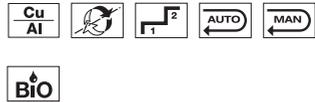
- Closed cutting head, flip top style, rotatable
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when cut is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Cutting range	max. 48 mm dia.
Cutting force	60 kN
Length	540 mm
Weight	3.5 kg
Ambient temperature	-20°C to +40 °C

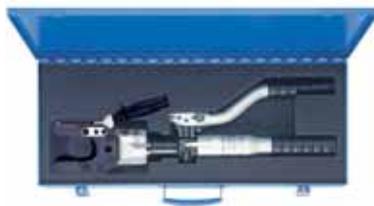
Item	Part No.
Hand-operated hydraulic cutting tool 48 mm dia.	HSG50

Scope of supply	Part No.	Page
Steel carrying case for HSG 45 or HSG 50	MK50	

Accessories	Part No.	Page
Inner moving blade	ESG50ES	
Outer fixed blade	ESG50EF1	



HSG 55 Hand-operated hydraulic cutting tool 55 mm dia.



ESG55EF



ESG55ES

- ▶ Cuts armoured copper and aluminum cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and Steel
- ▶ 120 kN cutting force for maximum output

Characteristics

- Closed cutting head with bolt interlock, rotatable, flip top style
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when cut is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data		
Cutting range	max. 55 mm dia.	
Cutting force	120 kN	
Length	approx. 605 mm	
Weight	7.3 kg	
Ambient temperature	-20°C to +40 °C	
Item	Part No.	
Hand-operated hydraulic cutting tool 55 mm dia.	HSG55	
Scope of supply	Part No.	Page
Steel carrying case for HSG 55	MKHSG55	
Accessories	Part No.	Page
Inner moving blade	ESG55ES	
Outer fixed blade	ESG55EF	

HSG 85/2 Hand-operated hydraulic cutting tool 85 mm dia.

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Large cutting range
- ▶ High user safety through cutting head with bolt interlock

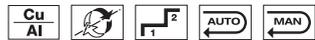
Characteristics

- Closed cutting head with bolt interlock, rotatable, flip top style
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when cut is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Cutting range	max. 85 mm dia.
Cutting force	60 kN
Length	approx. 677 mm
Weight	5.9 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	Page
Hand-operated hydraulic cutting tool 85 mm dia.	HSG852	
Scope of supply	Part No.	Page
Steel carrying case for HSG 85	MK852	

Accessories	Part No.	Page
Outer fixed blade	ESG85EF1	
Inner moving blade	ESG85ES1	



ESG85EF1



ESG85ES1



*More intelligence. More performance.
And more ergonomic.*

Generation Safety Plus.

Battery powered hydraulic crimping and cutting tools are the most convenient solution for crimping and cutting applications. The required force is generated at the touch of a button. The tools require only one-hand operation.

The tools in the Ultra and Ultra+ series feature a two-stage hydraulic system that automatically switches to power stroke after a fast feed. With all Klauke tools, the automatic retract function starts automatically after successful crimping or cutting, and can be stopped again by pressing the switch (MRS).

The automatic retract stop function (ARS) is especially convenient, for quickly making multiple crimps for full tension connections, for instance.

- ▶ Thanks to the new 2-component housing, the tools sit even better in the hand - pressure points and tool slippage are practically impossible.



2K



- **The latest tool generation with Intelligent Pressing System IPS.**
- **Convenient one-button operating concept.**
- **High-performance 18 Volt Li-ion batteries with extremely short charging time.**



The new generation of our battery powered hydraulic tools features an integrated pressure sensor determining the pressure reached during each crimping operation. This **Intelligent Pressing System** - IPS for short - indicates deviations immediately by optical and acoustic signals. Making your work with Klauke tools even safer.



The hydraulic oil in our tools is considered to be environmentally-friendly and quickly biodegradable.

■ At a glance: Battery powered hydraulic tools made by Klauke.

With the 3 series of the Safety Plus generation and the established Klauke® mini, Klauke's product range is the most extensive on the market!

Klauke®mini



- ▶ NiMH batteries
- ▶ Low weight
- ▶ Fast crimping cycles
- ▶ Automatic retraction

Klauke®ultra



- ▶ Intelligent (IPS)
- ▶ With crimping tools: Automatic retract stop (ARS)
- ▶ For cutting tools with manual retract stop (MRS)
- ▶ 2-stage hydraulics

Klauke®mini+



- ▶ 18 V - Li-ion technology
- ▶ Intelligent Pressing System (IPS)
- ▶ Large crimping and cutting range with low weight

Klauke®ultra+



- ▶ For crimping tools that make up to 60% fewer crimps thanks to wide crimping
- ▶ Ergonomic design with 2-component handle area and optimum centre of gravity for effortless operations

■ High-performance: 18 Volt Li-ion technology.

- ▶ Powerful 18 V Li-ion batteries with high capacity.
- ▶ Extremely **short charging time** with innovative charging technology.
- ▶ Batteries have very low self-discharging effect.
- ▶ Powerful motors for maximum performance.

Benefits:

- ▶ The high energy density of the Li-ion batteries allows more operations per charge than with conventional batteries.
- ▶ The extremely short charging time of 15 min (RAL1) or 22 min (RAL2) minimise waiting time.
- ▶ The low self-discharge means practically continuous tool availability.
- ▶ The powerful motors permit even faster operations - a benefit that should not be underestimated.
- ▶ All Mini tools have a sound pressure level of 70.6 dB(A), all Safety Plus generation tools are less than 70 dB(A), measured at a distance of 1 m. The vibrations on the tools much lower than 2.5m/s².



18V
Li-ion



LED

■ Spot on: see more with work area illumination.

- ▶ Integrated high-performance LED for work area illumination.
- ▶ Optimised, balanced tool housing.

Benefits:

- ▶ The integrated high-power LED provides optimum illumination in all working areas and ensures additional safety and comfort.
- ▶ The balanced tool housing makes handling much easier - effortless work is guaranteed.

At the touch of a button: Full force ahead!

Battery powered hydraulic crimping tools.

Battery powered Klauke crimping tools effortlessly make safe electrical connections. And thanks to their powerful 18 V Li-ion batteries and ergonomic product design, long periods of operation do not present a problem.

Klauke offers the right battery powered solution for the most diverse fields of application. For example, the Klauke® ultra+ is able to crimp conductors with cross-sections to 400 mm² at 120 kN. The Klauke mini+ is especially slim, and excels even in tight spaces.



- Intelligent Pressing System (IPS).
- Automatic retract stop (ARS).
- Crimping tools from 10 kN to 120 kN crimping force.
- Nominal cross sections up to 400 mm².



Interface to the PC



i-press®

The separate USB adapter PGA1 enables the data of all crimping operations to be readout for quality control via the optical interface and output as a PDF document on the laptop or PC.

Save time and energy – with the retract stop function.

- ▶ The retract stop function stops the automatic retraction on completion of a crimping operation - fully-automatic (ARS) for all crimping tools with 60 kN and 120 kN crimping force.

Benefits:

- ▶ For multiple applications, the ARS function allows the crimping tools to open automatically as far as needed for the next crimping operation to be started - with no time loss.

Crimping a 240 mm² aluminum compression cable lug (8 crimps) with EK 120/42-L



■ Mini with added value: *Klauke mini+, the new generation.*



- ▶ All benefits of the established Klauke® mini design - now available as 4, 5 or 6-ton tool.
- ▶ Wide crimping range to 300 mm² (EKM 60/22-L).
- ▶ Additional technical features: integrated pressure measurement, 2-component housing, work area illumination, 18 V Li-ion technology, 18 V mains adapter NG 2/230 (accessories).

Benefits:

- ▶ The Klauke® mini+ combines a host of established benefits with the technical features of the new Safety Plus generation - making work even in the tightest spaces even more efficient and, thanks to **Intelligent Pressing System (IPS)**, safer too.
- ▶ At 300 mm², the Klauke® mini+ has the widest crimping range for rod-shaped crimping tools, thereby guaranteeing optimised productivity.



■ KLAUKE® ultra - *ultra safe, ultra efficient.*



- ▶ 6-ton tools in the Klauke® ultra series for 22-series dies and for dieless quad-point indent crimping with nominal cross-sections of up to 300 mm².
- ▶ All tools with Intelligent Pressing System (IPS).
- ▶ 4-point indent crimping with **Klauke's patented centring system** and automatic retract stop (ARS) - the ideal solution for crimping tubular cable lugs on fine and superfine stranded conductors.



▶ More from Page 324.

Benefits:

- ▶ The 6-ton tools are comparatively lightweight and hence easy to handle.
- ▶ The guide system guarantees highest user safety since conductor and connecting material remain centred during crimping operation and bad crimps are practically excluded.
- ▶ ARS saves you time and energy as the piston stroke is reduced to a minimum during subsequent crimping operations.



■ KLAUKE® ultra+: *the Power-Plus packages.*

- ▶ 12-ton tools in the Klauke® ultra+ series for 13-series dies, for deep groove crimps and dieless indent crimps.
- ▶ **Wide crimping** with dies from the Klauke 13-series.
- ▶ With IPS, ARS, more powerful motors and balanced housing for more intelligence, more power and more comfort.

Benefits:

- ▶ The wide crimping profiles of the 13-series dies require up to 60% fewer crimps than the narrow crimping profiles of 6-ton tools.
- ▶ The new features and characteristics make the use of our crimping tools much simpler and, thanks to IPS, safer too.



EK 15/50 Battery powered crimping tool 0.14 - 50 mm²

- ▶ Steel head for extreme long life time
- ▶ Optimum crimping due to parallel guided crimping dies

Characteristics

- For interchangeable dies, series 50
- Open crimping head, rotatable
- One-button operating concept for controlling all tooling functions
- Ergonomic design for convenient one-hand operation
- Lightweight for effortless operations
- Powerful NiMH battery technology
- Fast crimping cycles for efficient operations
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data		
Crimping force	13 kN	
Stroke / opening width	9 mm	
Crimping range	0.75 - 10 mm ²	
Crimping cycle	approx. 2 s	
Number of crimps	approx. 220 at 10 mm ² Cu	
Battery voltage	9.6 V	
Battery capacity	2.0 Ah, NiMH	
Charging time	With fast charger 15 min., otherwise 40 min.	
Weight incl. battery	1.6 kg	
Ambient temperature	-20°C to +40 °C	
Item	Part No.	
Battery powered hydraulic crimping tool 0.14 - 16 mm ²	EK1550	
Scope of supply	Part No.	Page
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2	397
Charger for NiCd and NiMH batteries	LG4F	399
Plastic case 450 x 370 x 105 mm	KK35B2	

Accessories	Part No.	Page
Battery 9.6 V / 3.0 Ah, NiMH (28.8 Wh)	RAM3	397
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 50	MA50	406
Force sensor, 70 kN	TF70L	406
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5	399

Available dies for Series 50 for EK 15/50

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, Cu, standard type		0.75 - 10		414
Tubular cable lugs and connectors for solid conductors, Cu		1.5 - 10		414
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) and pin terminals (DIN 46230) connectors (DIN 46341)		0.5 - 10		414
Insulated solderless terminals, insulated pin terminals		0.1 - 16		415
Cable end-sleeves				
Cable end-sleeves		0.14 - 50		414
Cable connections, insulated and non-insulated				
Insulated cable connections, double crimping		0.1 - 6		415
Insulated cable connections, single crimping		0.5 - 16		415
Non insulated receptacles		0.25 - 6		415
for pin and shielded receptacles, BNC connectors for coax cables RG 58,59,60 and 71				415
Turned pin connectors, pin receptacles		0.1 - 4		415
Please observe the restrictions in the technical index when crimping connectors!				



EK 15/50 G Battery powered crimping tool 0.14 - 50 mm²

► Slim crimping head - ideal when space is critical

Characteristics

- For interchangeable dies, series 50
- Open crimping head, rotatable
- One-button operating concept for controlling all tooling functions
- Ergonomic design for convenient one-hand operation
- Lightweight for effortless operations
- Powerful NiMH battery technology
- Fast crimping cycles for efficient operations
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data

Crimping force	13 kN
Stroke / opening width	9 mm
Crimping range	0.14 - 50 mm ²
Crimping cycle	approx. 2 s
Number of crimps	approx. 220 at 10 mm ² Cu
Battery voltage	9.6 V
Battery capacity	2.0 Ah, NiMH
Charging time	With fast charger 15 min., otherwise 40 min.
Weight incl. battery	1.6 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Battery powered hydraulic crimping tool 0.14 - 16 mm ²	EK1550G	
Scope of supply		
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2	397
Charger for NiCd and NiMH batteries	LG4F	399
Plastic case 450 x 370 x 105 mm	KK35B2	

Accessories	Part No.	Page
Battery 9.6 V / 3.0 Ah, NiMH (28.8 Wh)	RAM3	397
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 50	MA50	406
Force sensor, 70 kN	TF70L	406
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5	399

Available dies for Series 50 for EK 15/50 G

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, Cu, standard type		0.75 - 10		414
Tubular cable lugs and connectors for solid conductors, Cu		1.5 - 10		414
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) and pin terminals (DIN 46230) Cu, connectors (DIN 46341) Cu		0.5 - 10		414
Insulated solderless terminals, insulated pin terminals		0.1 - 16		415
Cable end-sleeves				
Cable end-sleeves		0.14 - 50		414
Cable connections, insulated and non-insulated				
Insulated cable connections, double crimping		0.1 - 6		415
Insulated cable connections, single crimping		0.5 - 16		415
Non insulated receptacles		0.25 - 6		415
for pin and BNC connectors for coax cables RG 58, 59, 62 and 71				415
Turned pin connectors, pin receptacles		0.1 - 4		415

Please observe the restrictions in the technical index when crimping connectors!



EKP 1 Battery powered crimping tool 0.14 - 16 mm²

- ▶ Basic tool, Klauke Pro-Series
- ▶ Easy change of crimping heads without tools

Characteristics

- Compatible with all crimping heads of the Klauke Pro-Series
- Crimping heads rotatable
- One-button operating concept for controlling all tooling functions
- Ergonomic design for convenient one-hand operation
- Lightweight for effortless operations
- Powerful NiMH battery technology
- Fast crimping cycles for efficient operations
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	10 kN
Stroke / opening width	9 mm
Crimping range	0.5 - 10 mm ²
Crimping cycle	approx. 2 s
Number of crimps	approx. 220 at 10 mm ² Cu
Battery voltage	9.6 V
Battery capacity	2.0 Ah, NiMH
Charging time	With fast charger 15 min., otherwise 40 min.
Weight incl. battery	1.3 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Battery powered hydraulic crimping tool 0.14 - 16 mm ²	EKP1	
Scope of supply	Part No.	Page
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2	397
Charger for NiCd and NiMH batteries	LG4F	399
Plastic case 450 x 370 x 105 mm	KKEKP1B	

Accessories	Part No.	Page
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5	399
Battery 9.6 V / 3.0 Ah, NiMH (28.8 Wh)	RAM3	397
USB adapter	PGA1	408

Suitable for	Crimping range mm ²	Crimp profile	Part No.
Crimping heads for cable end-sleeves			
 Cable end-sleeves, trapezoid crimping	0.14 - 6		KP312
 Cable end-sleeves, square crimping	0.14 - 10		KP303
 Cable end-sleeves, square crimping	10 - 16		KP304
 Cable end-sleeves, round crimping	0.14 - 2.5		KP350
 Cable end-sleeves, round crimping for narrow chamber sizes	1.5 - 6		KP351
 Cable end-sleeves, round crimping for narrow chamber sizes	10 - 16		KP352
 Cable end-sleeves DIN 46228, part 2, roll-crimping	0.5 - 2.5		KP66
Crimping heads for insulated cable connections			
 Insulated cable connections (yellow and red)	0.1 - 1		KP80
 Insulated cable connections (red and blue)	0.5 - 2.5		KP81
 Insulated cable connections (red, yellow, blue)	0.5 - 6		KP82
 Insulated cable connections (yellow)	4 - 6		KP83
Crimping heads for tubular cable lugs and terminals			
 Tubular cable lugs and solderless terminals	0.5 - 6		KP232
 Tubular cable lugs and solderless terminals	4 - 10		KP242
Crimping heads for photovoltaic			
 Connector for photovoltaics 3 mm dia.	2.5 - 4		KP90MC31
Crimping heads for receptacles			
 Part No. 3720. Receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1		KP631
 Part No. 3725, receptacles 6.3 x 0.8 mm with lateral conductor connector	0.5 - 1.5		KP64
 Part No. 3735, receptacles 6.3 x 0.8 mm with lateral conductor connector	1.5 - 2.5		KP632
 For receptacles 2.8 mm tab width	0.1 - 1		KP67
 For receptacles 4.8 mm tab width	0.5 - 2.5		KP65
 For receptacles 6.3 mm tab width	0.5 - 2.5		KP68



EK 35/4 Battery powered crimping tool 6 - 150 mm²

- ▶ Large cross section range up to 150 mm²
- ▶ Slim crimping head - ideal when space is critical

Characteristics

- For interchangeable dies, series 4, narrow crimping
- Closed crimping head, flip top style, rotatable
- One-button operating concept for controlling all tooling functions
- Ergonomic design for convenient one-hand operation
- Lightweight for effortless operations
- Powerful NiMH battery technology
- Fast crimping cycles for efficient operations
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data		
Crimping force	35 kN	
Stroke / opening width	9 mm	
Crimping range	6 - 150 mm ²	
Crimping cycle	3 s to 4 s (depending on cross-section)	
Number of crimps	approx. 140 at 120 mm ² Cu	
Battery voltage	9.6 V	
Battery capacity	2.0 Ah, NiMH	
Charging time	With fast charger 15 min., otherwise 40 min.	
Weight incl. battery	1.7 kg	
Ambient temperature	-20°C to +40 °C	
Item	Part No.	
Battery powered hydraulic crimping tool 6 - 150 mm ²	EK354	
Scope of supply	Part No.	Page
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2	397
Charger for NiCd and NiMH batteries	LG4F	399
Plastic case 450 x 370 x 105 mm	KK35B2	

Accessories	Part No.	Page
Digital meter for force and pressure measurement	TC1U	406
Battery 9.6 V / 3.0 Ah, NiMH (28.8 Wh)	RAM3	397
USB adapter	PGA1	408
Measuring adapter, series 4	MA4	406
Force sensor, 70 kN	TF70L	406
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5	399

Variants	Part No.	Page
EK 35/4 with crimping die set HR 4 from 6 - 150 mm ²	EK354SETHR	
EK 35/4 with crimping die set HD 4 from 6 - 120 mm ²	EK354SETHD	

Available dies for Series 4 for EK 35/4

Suitable for	Connection material	Crimping range mm²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 150		416
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		6 - 150		417
Insulated tubular cable lugs and compression joints, standard type, insulated pin terminals		10 - 70		417
Tubular cable lugs and connectors for fine stranded conductors		10 - 35		418
Tubular cable lugs and compression joints for solid conductors		1.5 - 16		418
Tubular cable lugs and connectors, Ni, stainless steel				
Tubular cable lugs and connectors, stainless steel		0.5 - 16		418
Tubular cable lugs and connectors, Ni		0.5 - 16		418
Copper compression cable lugs and connectors acc. to DIN				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 120		418
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) and pin terminals (DIN 46230) Cu, connectors (DIN 46341)		10 - 35		419
Insulated solderless terminals and pin terminals		10 - 16		419
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 150 se /120 sm		419
Aluminum Compression cable lugs and connectors acc. to DIN				
Aluminum Compression cable lugs and connectors acc. to DIN		10 - 70		420
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 50		420
Compression cable lugs and connectors - Al/Cu				
Compression cable lugs and connectors - Al/Cu		10 - 70		420
Clamps				
Clamps, C-type		4 - 35		420
Cable end-sleeves				
Cable end-sleeves		10 - 50		420
Twin cable end-sleeves		2 x 4 - 2 x 16		421
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 50		421
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		421

Please observe the restrictions in the technical index when crimping connectors!



EK 35/4-L Battery powered crimping tool 6 - 150 mm²



- ▶ Large cross section range up to 150 mm²
- ▶ Slim crimping head - ideal when space is critical
- ▶ High-performance 18V Lithium-ion battery with high capacity and extremely short charging time
- ▶ Equally efficient and safe working due to the benefits of Generation Safety Plus

Characteristics

- For interchangeable dies, series 4, narrow crimping
- Closed crimping head, flip top style, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Lightweight for effortless operations
- LED for workplace illumination
- High-performance motors for fast crimping cycles and efficient operations
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	35 kN
Stroke	9 mm
Crimping range	6 - 150 mm ²
Crimping cycle	3 s to 4 s (depending on cross-section)
Number of crimps	approx. 140 at 120 mm ² Cu
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	2.5 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 6 - 150 mm ²	EK354L

Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK50L	

Accessories	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 4	MA4	406
Force sensor, 70 kN	TF70L	406
18 V mains adapter for 240 V Voltage	NG2230	399

Variants	Part No.	Page
L-BOXX with battery powered hydraulic crimping tool EK354L, 0.5 - 150 mm ²	LBOXXEK354L	

Available dies for Series 4 for EK 35/4-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 150		416
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 150		417
Insulated tubular cable lugs and compression joints, standard type, insulated pin terminals		10 - 70		417
Tubular cable lugs and connectors for fine stranded conductors		10 - 35		418
Tubular cable lugs and compression joints for solid conductors		1.5 - 16		418
Tubular cable lugs and connectors, Ni, stainless steel				
Tubular cable lugs and connectors, stainless steel		0.5 - 16		418
Tubular cable lugs and connectors, Ni		0.5 - 16		418
Copper compression cable lugs and connectors acc. to DIN				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 120		418
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) and pin terminals (DIN 46230) Cu, connectors (DIN 46341) Cu		10 - 35		419
Insulated solderless terminals and pin terminals		10 - 16		419
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 150 se / 120 sm		419
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 70		420
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 50		420
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 70		420
Clamps				
Clamps, C-type		4 - 35		420
Cable end-sleeves				
Cable end-sleeves		10 - 50		420
Twin cable end-sleeves		2 x 4 - 2 x 16		421
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 50		421
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		421

Please observe the restrictions in the technical index when crimping connectors!

EK 50/5-L Battery powered crimping tool 6 - 240 mm²

- ▶ High-performance crimping tool of the Klauke mini+ series - very large crimp range up to 240 mm² (tubular cable lugs only)
- ▶ Increased safety, performance and comfort through "Intelligent Pressing System" (IPS)
- ▶ Up to 95 mm² just one die for processing of 2 cross sections - only for tubular and compression cable lugs and connectors

Characteristics

- For interchangeable dies, series 5, narrow crimping
- Closed crimping head, flip top style, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Lightweight for effortless operations
- LED for workplace illumination
- High-performance 18V Li-ion battery with high capacity
- High-performance motors for fast crimping cycles and efficient operations
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	50 kN
Stroke / opening width	12 mm
Crimping range	6 - 240 mm ²
Crimping cycle	4 s to 5 s (depending on cross-section)
Number of crimps	approx. 300 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	480 x 500 x 360 min.
Weight incl. battery	2.4 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 6 - 240 mm ²	EK505L
Scope of supply	
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1 398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1 400
Plastic case	KK50L

Accessories	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 5	MA5	406
Force sensor, 70 kN	TF70L	406

Variants	Part No.	Page
EK 50/5-L with crimping die set HR 5 from 6 - 240 mm ²	EK505LSETHR	
EK 50/5-L with crimping die set HD 5 from 6 - 185 mm ²	EK505LSETHD	
L-BOXX with battery powered hydraulic crimping tool EK505L, 6 - 240 mm ²	LBOXXEK505L	

Available dies for Series 5 for EK 50/5-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 185		422
Tubular cable lugs and connectors, Cu, standard type		6 - 240		422
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 95		423
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		423
Compression cable lugs and connectors acc. to DIN - Cu				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 185		423
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) and pin terminals (DIN 46230)		10 - 50		424
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 240 sm		424
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 150		425
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 95		425
Clamps				
Clamps, C-type		16 - 35		425
Cable end-sleeves				
Cable end-sleeves		10 - 95		425
Twin cable end-sleeves		2 x 4 - 2 x 16		426
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 95		426
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		426

Please observe the restrictions in the technical index when crimping connectors!



EK 50/18-L Battery powered crimping tool 6 - 185 mm²

- ▶ For dies acc. to DIN 48083, page 1
- ▶ Increased safety, performance and comfort through "Intelligent Pressing System" (IPS)
- ▶ With automatic retract stop (ARS) for fast crimping cycles

Characteristics

- For interchangeable dies, series 18, narrow crimping
- Open C-crimping head, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Lightweight for effortless operations
- LED for workplace illumination
- High-performance 18V Li-ion battery with high capacity
- High-performance motors for fast crimping cycles and efficient operations
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	50 kN
Stroke / opening width	17 mm
Crimping range	6 - 185 mm ²
Crimping cycle	5 s to 6 s (depending on cross-section)
Number of crimps	approx. 160 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	2.8 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 6 - 185 mm ²	EK5018L
Scope of supply	Part No.
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1
Plastic case	KK50L

Accessories	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 18	MA18	406
Force sensor, 70 kN	TF70L	406

Available dies for Series 18 for EK 50/18-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 185		427
Insulated tubular cable lugs and compression joints, insulated pin terminals		10 - 95		427
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		428
Tubular cable lugs and connectors for solid conductors		1.5 - 16		428
Compression cable lugs and connectors acc. to DIN - Cu				
Copper compression cable lugs (DIN 46235) and compression joints (DIN 46267, part 1)		6 - 185		428
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) and pin terminals (DIN 46230), solderless connectors (DIN 46341) Cu		10 - 70		429
Insulated solderless terminals and pin terminals		10 - 50		429
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 240 se / 185 sm		429
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 185		430
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 95		430
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 185		430
Clamps				
Clamps, C-type		4 - 50		430
Cable end-sleeves				
Cable end-sleeves		10 - 95		431
Twin cable end-sleeves		2 x 4 - 2 x 16		431
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 95		431
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		432
Cutting die				
Cutting range 18 mm		18 mm dia.		432

Please observe the restrictions in the technical index when crimping connectors!



EKM 60/22-L Battery powered crimping tool 6 - 300 mm²



- ▶ Large crimping range up to 300 mm²
- ▶ Slim crimping head - ideal when space is critical
- ▶ Automatic retract stop (ARS) for positioning control in case of multiple crimpings

Characteristics

- For interchangeable dies, series 22, narrow crimping
- Closed crimping head, flip top style, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Lithium-ion battery with high capacity and extremely short charging time
- High-performance motors for maximum operating speed
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	60 kN
Stroke	17.5 mm
Crimping range	6 - 300 mm ²
Crimping cycle	2 s (for ARS) to 5 s (depending on cross-section)
Number of crimps	approx. 150 - 200 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	3.0 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.	
Battery powered hydraulic crimping tool 6 - 300 mm ²	EKM6022L	
Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK50L	

Accessories	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 22	MA22	406
Force sensor, 70 kN	TF70L	406

Variants	Part No.	Page
L-BOXX with battery powered hydraulic crimping tool EKM6022L, 6 - 300 mm ²	LBOXXEKM6022L	

Available dies for Series 22 for EKM 60/22-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 300		433
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 300		434
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		434
Tubular cable lugs and connectors for fine stranded conductors		10 - 70		435
Tubular cable lugs and connectors for solid conductors		1.5 - 16		435
Tubular cable lugs and connectors, Ni, stainless steel				
Tubular cable lugs and connectors, stainless steel		0.5 - 16		435
Tubular cable lugs and connectors, Ni		10 - 50		435
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 300		436
Double compression cable lugs		2 x 50 - 2 x 70		436
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		10 - 70		437
Insulated terminals and pin terminals		10 - 70		437
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 240 sm		437
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 300		438
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		438
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		439
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		439
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 300		438
Clamps				
Clamps, C-type		4 - 50		439
Clamps, H-type		70		439
Cable end-sleeves				
Cable end-sleeves		10 - 240		440
Twin cable end-sleeves		2 x 4 - 2 x 16		440
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 240		440
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		441

Please observe the restrictions in the technical index when crimping connectors!

EK 60/22-L Battery powered crimping tool 6 - 300 mm²

- ▶ Superior performance by special strong motor, 2-stage hydraulic system and 18V / 3.0 Ah Li-Ion battery
- ▶ Large crimping range up to 300 mm²
- ▶ Slim crimping head - ideal when space is critical

Characteristics

- For interchangeable dies, series 22, narrow crimping
- Closed crimping head, flip top style, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	60 kN
Stroke / opening width	17 mm
Crimping range	6 - 300 mm ²
Crimping cycle	3 s to 5 s (depending on cross-section)
Number of crimps	approx. 300 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	4.2 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 6 - 300 mm ²	EK6022L
Scope of supply	Part No.
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	NG2230
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1
Plastic case	KK120L

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 22	MA22	406
Force sensor, 70 kN	TF70L	406

Variants	Part No.	Page
EK 60/22-L with crimping die set R 22 from 16 - 240 mm ²	EK6022LSETR	
EK 60/22-L with crimping die set D 22 from 16 - 240 mm ²	EK6022LSETD	

Available dies for Series 22 for EK 60/22-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 300		433
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 300		434
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		434
Tubular cable lugs and connectors for fine stranded conductors		10 - 70		435
Tubular cable lugs and connectors for solid conductors		1.5 - 16		435
Tubular cable lugs and connectors, Ni, stainless steel				
Tubular cable lugs and connectors, stainless steel		0.5 - 16		435
Tubular cable lugs and connectors, Ni		10 - 50		435
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 300		436
Double crimping compression cable lugs		2 x 50 - 2 x 70		436
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		10 - 70		437
Insulated terminals and pin terminals		10 - 70		437
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 240sm		437
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 300		438
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		438
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		439
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		439
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 300		438
Clamps				
Clamps, C-type		4 - 50		439
Clamps, H-type		70		439
Cable end-sleeves				
Cable end-sleeves		10 - 240		440
Twin cable end-sleeves		2 x 4 - 2 x 16		440
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 240		440
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		441

Please observe the restrictions in the technical index when crimping connectors!

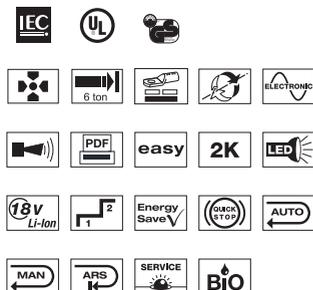
EK 60 VP-L Battery powered crimping tool 10 - 240 mm²



▶ The patented centring system guarantees every time optimum crimping results
 ▶ With automatic retract stop (ARS) for fast crimping cycles
 ▶ Suitable for crimping tubular cable lugs and connectors "standard type" and fine and superfine stranded conductors to 240 mm²

Characteristics

- Quad-point indent crimping feature with patented centring system, no dies required
- Open crimping head, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	55 kN
Crimping range	10 - 240 mm ²
Crimping cycle	3 s to 6 s (depending on cross-section)
Number of crimps	approx. 300 at 150 mm ² Cu
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	4.8 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 10 - 240 mm ²	EK60VPL
Scope of supply	
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2 316
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1 400
Plastic case	KK120L

Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs standard type and tubular cable lugs for switchgear connections		10 - 240	
Connectors, Standard type		10 - 120	
Tubular cable lugs for fine stranded conductors		10 - 240	
Connector for fine stranded conductors		10 - 95	

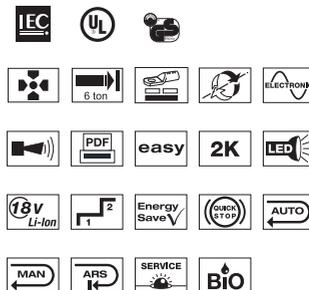
Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter VP	MAVP	406
Force sensor, 70 kN	TF70L	406
Gauge and 10 test cylinder	TS10B	

EK 60 VP/FT-L Battery powered crimping tool 16 - 300 mm²

- ▶ The patented centring system guarantees every time optimum crimping results
- ▶ Closed crimping head - ideal for utility lines construction
- ▶ With automatic retract stop (ARS) for fast crimping cycles
- ▶ Suitable for crimping tubular cable lugs and connectors "standard type" and fine and superfine stranded conductors to 300 mm²

Characteristics

- Quad-point indent crimping feature with patented centring system, no dies required
- Closed crimping head with bolt interlock, rotatable, flip top style
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	55 kN
Crimping range	16 - 300 mm ²
Crimping cycle	3 s to 6 s (depending on cross-section)
Number of crimps	approx. 300 at 150 mm ² Cu
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	4.9 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 16 - 300 mm ²	EK60VPFTL

Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter VP	MAVP	406
Force sensor, 70 kN	TF70L	406
Gauge and 10 test cylinder	TS10B	



Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		16 - 300	
Tubular cable lugs and connectors for fine stranded conductors		16 - 300	

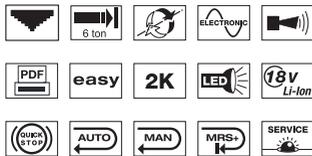
EKM 60 ID-L Battery powered crimping tool 10 - 240 mm²



- ▶ Extra large crimping area due to innovative 2-stage telescopic cylinders (patent pending)
- ▶ Indent crimping - no die changing required
- ▶ Specially developed for fine stranded conductors to VDE 0295 Class 5
- ▶ Compact dimensions with an extraordinary low weight

Characteristics

- With innovative 2-stage telescopic cylinder
- Indent crimping - no dies required
- Closed crimping head, flip top style, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- High-performance motors for maximum operating speed
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Manual retract stop with "teach-in" (MRS+) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	30 - 60 kN
Stroke / opening width	35.5 mm
Crimping range	R-Line: Cu 16 - 240 mm ² / Al 50 - 240 mm ² Q and F-Line: Cu 10 - 240
Crimping cycle	2 s (for ARS) to 7 s (depending on cross-section)
Number of crimps	approx. 100 - 300
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	2.5 kg
Ambient temperature	-10°C to +40 °C

Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs standard type and tubular cable lugs for switchgear connections		16 - 240	
Tubular cable lugs and connectors for fine stranded conductors		10 - 240	
Terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230) - Cu		10 - 240	
Aluminum compression cable lugs and connectors acc. to DIN		50 - 240	
Aluminum compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		50 - 185	
Aluminum compression joints acc. to DIN 48085, part 2 for Al cables acc. to DIN EN 50182		50 - 240	
Aluminum/copper compression cable lugs and connectors		50 - 240	

Item	Part No.
Battery powered hydraulic crimping tool 10 - 240 mm ²	EKM60IDL
Scope of supply	Part No. Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1 398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1 400
L-BOXX with front handle (W/D/H: 442 x 357 x 151 mm)	LBOX1136LFG

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
USB adapter	PGA1	408

EK 120 ID-L Battery powered crimping tool 35 - 500 mm²

- ▶ Indent crimping for superfine stranded conductors up to 500 mm²
- ▶ No dies required, multi purpose application

Characteristics

- Indent crimping - no dies required
- Closed crimping head, flip top style, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB-Adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Li-ion battery with high capacity
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	108 kN
Stroke / opening width	52 mm
Crimping range	35 - 500 mm ²
Crimping cycle	10 s to 11 s (depending on cross section)
Number of crimps	approx. 115 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	6.8 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	
Akkuhydraulisches Presswerkzeug 35 - 500 mm ²	EK120IDL	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Force sensor, 130 kN	TF130L	406



EK 120/30-L Battery powered crimping tool 16 - 400 mm²

- ▶ Exceptionally easy handling of a 12 ton tool thanks to optimised weight distribution
- ▶ Very large crimping range to 400 mm²
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools

Characteristics

- For interchangeable dies, series 13, wide crimping
- Open C-crimping head, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	120 kN
Stroke / opening width	30 mm
Crimping range	16 - 400 mm ²
Crimping cycle	7 s to 8 s (depending on cross-section)
Number of crimps	approx. 115 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	6.6 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	
Battery powered hydraulic crimping tool 16 - 400 mm ²	EK12030L	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 13	MA120	406
Force sensor, 130 kN	TF130L	406

Available dies for Series 13 for EK 120/30-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Butt connectors, standard type		16 - 185		443
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 300		444
Compression joints DIN 46267 part 1		16 - 150		444
Double compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		16 - 150		445
Insulated terminals and pin terminals		10 - 95		445
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 300 sm		445
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 240		446
Aluminum connectors		10 - 120		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		24/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 240		446
Clamps				
Clamps, C-type		10 - 70		447
Clamps, H-type		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!



EK 120/42-L Battery powered crimping tool 16 - 400 mm²

- ▶ C-Head with 42 mm opening width and very wide crimping range to 400 mm²
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools
- ▶ Easy handling by optimum weight distribution

Characteristics

- For interchangeable dies, series 13, wide crimping
- Open C-crimping head, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	120 kN
Stroke / opening width	42 mm
Crimping range	16 - 400 mm ²
Crimping cycle	8 s to 9 s (depending on cross-section)
Number of crimps	approx. 115 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	6.8 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	
Battery powered hydraulic crimping tool 16 - 400 mm ²	EK12042L	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 13	MA120	406
Force sensor, 130 kN	TF130L	406

Available dies for Series 13 for EK 120/42-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 300		444
Double compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		16 - 150		445
Insulated terminals and pin terminals		10 - 95		445
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 300 sm		445
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 240		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 240		446
Clamps				
Clamps, C-type		10 - 70		447
Clamps, H-type		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!



EK 120 U-L Battery powered crimping tool 16 - 400 mm²

- ▶ H-head for deep groove crimping
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools

Characteristics

- For interchangeable dies, series 13, wide crimping
- Closed H-crimping head, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Lithium-ion battery with high capacity and extremely short charging time
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Automatic retract stop (ARS) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data

Crimping force	120 kN
Stroke / opening width	20 mm
Crimping range	16 - 400 mm ²
Crimping cycle	7 s to 8 s (depending on cross-section)
Number of crimps	approx. 115 at 150 mm ² Cu DIN
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	6.0 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	
Battery powered hydraulic crimping tool 16 - 400 mm ²	EK120UL	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 13	MA120	406
Force sensor, 130 kN	TF130L	406

Available dies for Series 13 for EK 120 U-L

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Insulated tubular cable lugs and compression joints		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 300		444
Double compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		16 - 150		445
Insulated terminals and pin terminals		10 - 95		445
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors, 3 and 4 core sector shaped conductors		10 sm - 300 se / 300 sm		445
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		10 - 240		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Compression cable lugs and connectors - Al/Cu				
Compression cable lugs and connectors - Al/Cu		10 - 240		446
Clamps and screw connectors				
C-clamps		10 - 70		447
H-clamps		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!

Strong cables simply cut.

Battery powered hydraulic cutting tools.

Klauke cutting tools combine 2 essential forces: the force of the innovative battery powered systems and the force of the cutting heads - in a compact lightweight design. Cables with or without armouring up to 105 mm diameter, as well as Al/St ropes, are cut quickly, accurately and effortlessly at the touch of a button. The astonishingly low weight of the tools and cutting heads helps the user and permits prolonged periods of operation at full performance.

High cutting performance is not everything. The Klauke® mini+ reliably cuts cables at the touch of a button, even in tight spaces such as control cabinets.

■ Save time and energy – *with the retract stop function.*



- ▶ This new tool generation has the manual retract stop function - MRS.
- ▶ The retract stop stops the automatic retraction on completion of a cut.

Benefits:

- ▶ The MRS function enables cables to be cut faster, since the blades open only as far as needed to perform the next cut.
- ▶ **Reducing the required stroke per cutting operation to a minimum permits more cuts per battery charge for the same low effort.**

- **Manual retract stop - MRS.**
- **Cutting tools with 15 kN to 120 kN cutting force.**
- **Cutting tools to 105 mm dia., also for armoured cables.**
- **Incredibly lightweight for the performance class.**

Powerful tools for cables up to 105 mm dia.

- ▶ High cutting capacities up to 105 mm dia.
- ▶ Remarkably lightweight for tools in this performance and size class.

Benefits:

- ▶ Despite their relatively low weight, the high stability of the cutting heads mean they perform well even under extreme load.



Small design, huge performance: Klauke® mini and Klauke® mini+

- ▶ Ergonomic design for convenient one-hand operation.
- ▶ Lightweight, from 1.3 kg including battery.



Benefits:

- ▶ The Klauke® mini+ combines a host of established benefits with the technical features of the new Safety Plus generation - making work even in the tightest spaces even more efficient and safer.
- ▶ The design and low weight permit use even in tight areas, for example in control cabinets.

Improved cutting using the right tools.

System	Tool	Design		Cutting range mm dia.	Cutting force kN ²⁾	Application				Features
		Open head	Closed head			Cu / Al ¹⁾	Al / St (ACSR)	Cu / Al, solid	Steel, solid	
Klauke® mini	EBS8	✓		8	15				✓	For cutting wire basket tray and steel bolts.
	EBS12	✓		12	35				✓	
	ES20	✓		20	23	✓	✓			Suitable for Al/St ropes.
	ES32	✓		32	15	✓				For Al and Cu cables to 32 mm dia.
	ES32F	✓		32	15	✓				Ideal solution for superfine stranded conductors.
Klauke® mini+	EBS8L	✓		8	15				✓	For cutting wire basket tray and steel bolts.
	EBS12L	✓		12	35				✓	
	ES20L	✓		20	23	✓	✓			Suitable for Al/St ropes.
	ESG25L			25	60	✓	✓	✓	✓	The "universal cutter" to 25 mm dia.
	ES32L	✓		32	15	✓				For Al and Cu cables to 32 mm dia.
	ES32FL	✓		32	15	✓				Ideal solution for superfine stranded conductors.
Klauke® mini	ESG45L		✓	45	60	✓	✓	✓	✓	Especially for Al/St ropes to 45 mm dia.
	ESG50L		✓	48	60	✓				Compact and lightweight cutting tool.
	ES65L	✓		65	40	✓				Ideal for cutting earth cables to 65 mm dia.
Klauke® mini+	ESG55L		✓	55	120	✓	✓	✓	✓	With 120 kN cutting force for all cables and Al/St ropes up to 55 mm dia.
	ESG85L		✓	85	60	✓				For cutting copper and aluminum cables to 85 mm dia.
	ES85L	✓		85	30	✓				For cutting telecommunication and earth cables to 85 mm dia.
	ESG105L		✓	105	120	✓		✓		Very wide cutting range to 105 mm dia. - also for armoured cables.
	ES105L	✓		105	74	✓				Also for fine stranded cables to 105 mm dia.

¹⁾ This column also includes Cu / Al multi-stranded and Cu / Al with sheet metal and wire armouring.

²⁾ The exact cutting capacity depends on the type of cable or rope.

EBS 8 / EBS 12 Battery powered bolt cutting tool 8 mm dia. / 12 mm dia.



Klauke® mini



- ▶ For cutting cable channels, bolts and steel wire, medium-hard (e.g. ST 37)
- ▶ Slim cutting head - ideal when space is critical

Characteristics

- Open cutting head, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic design for convenient one-hand operation
- Lightweight for effortless operations
- Powerful NiMH battery technology
- Quick motor stop for high user safety
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Automatic retraction when cut is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Cutting range	EBS8: max. 8 mm dia., EBS12: max. 12 mm dia.
Cutting force	EBS8: 15 kN, EBS12: 45 kN
Cutting time	EBS8: 2 s, EBS12: 4 s (depending on material thickness)
Number of cuts	approx. 300 for bolts 5 mm dia.
Battery voltage	9.6 V
Battery capacity	2.0 Ah, NiMH
Charging time	With fast charger 15 min., otherwise 40 min.
Weight incl. battery	EBS8: 1.3 kg, EBS12: 1.9 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.	
Battery powered hydraulic bolt cutting tool 8 mm dia.	EBS8	
Battery powered hydraulic bolt cutting tool 12 mm dia.	EBS12	
Scope of supply	Part No.	Page
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2	397
Charger for NiCd and NiMH batteries	LG4F	399
Plastic case 450 x 370 x 105 mm	KK35B2	

Accessories	Part No.	Page
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5	399
USB adapter	PGA1	408

EBS 8-L / EBS 12-L Battery powered bolt cutting tool 8 mm dia. / 12 mm dia.

- ▶ For cutting cable channels, bolts and medium-hard steel wire (e.g. mild steel)
- ▶ Slim cutting head - ideal when space is critical
- ▶ Powerful 18V Lithium-Ion batteries

Characteristics

- Open cutting head, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18 V Lithium-ions batteries with high capacity and extremely short charging time
- High-performance motors for maximum operating speed
- Energy saving function by stopping motor after successful cutting operation
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Multifunction LED for maintenance control and charging display of the battery
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Cutting range	EBS8L: max. 8 mm dia., EBS12L: max. 12 mm dia.
Cutting force	EBS8L: 15 kN, EBS12L: approx. 45 kN
Cutting time	EBS8L: approx. 1 s, EBS12L: approx. 2 s (depending on material thickness)
Number of cuts	approx. 300 for bolts 5 mm dia.
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	EBS8L: 1.55 kg, EBS12L: approx. 2 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.
Battery powered hydraulic bolt cutting tool 8 mm dia.	EBS8L
Battery powered hydraulic bolt cutting tool 12 mm dia.	EBS12L

Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK50L	

Accessories	Part No.	Page
USB adapter	PGA1	408
18 V mains adapter for 240 V Voltage	NG2230	399
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398



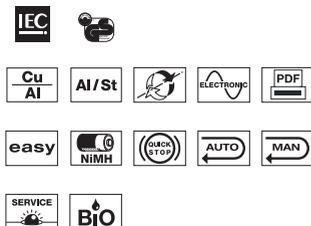
ES 20 Battery powered cutting tool 20 mm dia.



- ▶ For cutting Al/St conductors (ACSR) to DIN EN 50182, solid Al/Cu cables to VDE 0295, Class 1 and laminated copper bus bars
- ▶ Extremely robust design and lightweight

Characteristics

- Open cutting head, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic design for convenient one-hand operation
- Lightweight for effortless operations
- Powerful NiMH battery technology
- Quick motor stop for high user safety
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Automatic retraction when cut is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable



ES20E

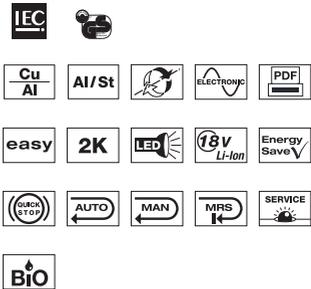
Technical data		
Cutting range	Multi-stranded max. 20 mm dia. (depending on cable type)	
Cutting time	4 s to 6 s (depending on material thickness)	
Number of cuts	approx. 180 for ACSR cable 120/20	
Battery voltage	9.6 V	
Battery capacity	2.0 Ah, NiMH	
Charging time	With fast charger 15 min., otherwise 40 min.	
Ambient temperature	-20°C to +40 °C	
Item	Part No.	
Battery powered hydraulic cutting tool 20 mm dia.	ES20	
Scope of supply	Part No.	Page
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2	397
Charger for NiCd and NiMH batteries	LG4F	399
Plastic case 450 x 370 x 105 mm	KK35B2	
Accessories	Part No.	Page
Replacement blade set for ES20	ES20E	
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5	399
USB adapter	PGA1	408

ES 20-L Battery powered cutting tool 20 mm dia.

- ▶ For cutting Al/St conductors (ACSR) to DIN EN 50182, solid Al/Cu cables to VDE 0295, Class 1 and laminated copper bus bars
- ▶ Extremely robust design and lightweight
- ▶ Slim cutting head - ideal when space is critical
- ▶ High-performance 18 V Li-Ion battery

Characteristics

- Open cutting head, rotatable
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18 V Lithium-ion battery with high capacity and extremely short charging time
- High-performance motors for maximum operating speed
- Energy saving function by stopping motor after successful cutting operation
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Cutting range	max. 20 mm dia.
Cutting force	23 kN
Cutting time	2 s to 4 s (depending on cable type)
Number of cuts	approx. 160 cuts (ACSR cable 120/20)
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	2.13 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.	
Battery powered hydraulic cutting tool 32 mm dia.	ES20L	
Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK50L	

Accessories	Part No.	Page
Replacement blade set for ES20	ES20E	
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408



ES20E

ESG 25-L Battery powered cutting tool 25 mm dia.



ESG25EF



ESG25ES

- ▶ For cutting Al/St cables (ACSR), round materials (Cu, Al, St) as well as armoured cables, solid structural steel and fine stranded copper cables
- ▶ High-performance cutting characteristics for highly-flexible conductors and wire cables
- ▶ Extremely robust design and lightweight

Characteristics

- Closed cutting head, flip top style, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18 V Li-Ion battery
- Quick motor stop for high user safety
- High-performance motors for maximum operating speed
- Energy saving function by stopping motor after successful cutting operation
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data		
Cutting range	max. 25 mm dia.	
Cutting force	60 kN	
Cutting time	Depending on material	
Number of cuts	Depending on material	
Battery voltage	18 V	
Battery capacity	1.3 Ah, Li-Ion	
Charging time	650 x 180 x 150 min.	
Weight incl. battery	2.1 kg	
Ambient temperature	-10°C to +40 °C	
Item	Part No.	
Battery powered hydraulic cutting tool 25 mm dia.	ESG25L	
Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK50L	
Accessories	Part No.	Page
Outer fixed blade	ESG25EF	
Inner moving blade	ESG25ES	
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

ES 32 / ES 32 F Battery powered cutting tool 32 mm dia.

- ▶ Cuts multi-stranded copper and aluminum cables (ES 32)
- ▶ Cuts fine and superfine stranded copper cables (ES 32 F)
- ▶ Slim cutting head - ideal when space is critical

Characteristics

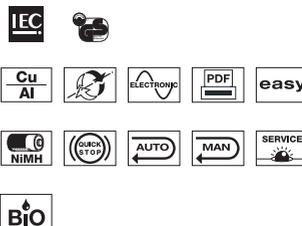
- Open cutting head, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic design for convenient one-hand operation
- Lightweight for effortless operations
- Automatic retraction when cut is complete
- Powerful NiMH battery technology
- Quick motor stop for high user safety
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Cutting range	max. 32 mm dia.
Cutting force	15 kN
Cutting time	8 s to 10 s (depending on material thickness)
Number of cuts	approx. 90 cuts at H07V-K; 1 x 240 mm ²
Battery voltage	9.6 V
Battery capacity	2.0 Ah, NiMH
Charging time	With fast charger 15 min., otherwise 40 min.
Weight incl. battery	1.9 kg
Ambient temperature	-20°C to +40 °C

Item	Part No.
Battery powered hydraulic cutting tool 32 mm dia.	ES32
Battery powered hydraulic cutting tool 32 mm dia., superfine stranded	ES32F

Scope of supply	Part No.	Page
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2	397
Charger for NiCd and NiMH batteries	LG4F	399
Plastic case 450 x 370 x 105 mm	KK35B2	

Accessories	Part No.	Page
Replacement blade set for ES 32 and ES 32-L	ES32E	
Replacement blade set for ES 32 F and ES 32 F-L	ES32FE	
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5	399
USB adapter	PGA1	408



ES32E

ES32FE

ES 32-L / ES 32 F-L Battery powered cutting tool 32 mm dia.



ES32E

ES32FE



- ▶ Cuts multi-stranded copper and aluminum cables (ES 32-L)
- ▶ Cuts fine and superfine stranded copper cables (ES 32 F-L)
- ▶ Slim cutting head - ideal when space is critical

Characteristics

- Open cutting head, rotatable
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-ion battery with high capacity
- High-performance motors for maximum operating speed
- Automatic retraction when cut is complete
- Energy saving function by stopping motor after successful cutting operation
- Quick motor stop for high user safety
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Cutting range	max. 32 mm dia.
Cutting force	15 kN
Cutting time	2 s to 4 s (depending on cable type)
Number of cuts	approx. 150 cuts at H07V-R; 1 x 240 mm ² , approx. 60 cuts for H07V-K 1 x 240 mm ²
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	2.0 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.	
Battery powered hydraulic cutting tool 32 mm dia.	ES32L	
Battery powered hydraulic cutting tool 32 mm dia., superfine stranded	ES32FL	
Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK50L	

Accessories	Part No.	Page
Replacement blade set for ES 32 and ES 32-L	ES32E	343
Replacement blade set for ES 32 F and ES 32 F-L	ES32FE	343
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

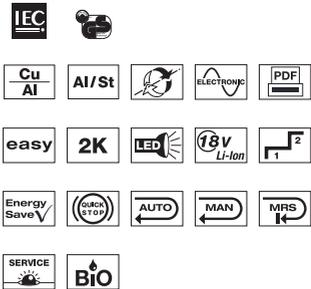
Variants	Part No.	Page
L-BOXX with cutting tool ES 32-L	LBOXXES32L	

ESG 45-L Battery powered cutting tool 45 mm dia.

- ▶ High cutting force cuts armoured copper and aluminum cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and Steel
- ▶ Extremely robust design and lightweight

Characteristics

- Closed cutting head with bolt interlock, rotatable, flip top style
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery
- Energy saving function by stopping motor after successful cutting operation
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Cutting range	max. 45 mm dia.
Cutting force	60 kN
Cutting time	8 s to 18 s (depending on material)
Number of cuts	approx. 150 cuts at Al/St cable 570/40
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	5.7 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	
Battery powered hydraulic cutting tool 45 mm dia.	ESG45L	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

Accessories	Part No.	Page
Outer fixed blade	ESG45EF	
Inner moving blade	ESG45ES1	
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408



ESG45EF



ESG45ES1

ESG 50-L Battery powered cutting tool 48 mm dia.



- ▶ Cuts copper and aluminum cables with light weight steel armoring (depending on cable type)
- ▶ Lightweight for effortless operations

Characteristics

- Closed cutting head, flip top style, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Lithium-ion battery with high capacity and extremely short charging time
- Energy saving function by stopping motor after successful cutting operation
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



ESG50EF1



ESG50ES

Technical data	
Cutting range	max. 48 mm dia.
Cutting force	60 kN
Cutting time	8 s to 20 s (depending on material thickness)
Number of cuts	approx. 140 cuts at 4 x 120 mm ² NYT
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	4.7 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.
Battery powered hydraulic cutting tool 48 mm dia.	ESG50L
Scope of supply	Part No. Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2 398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1 400
Plastic case	KK120L

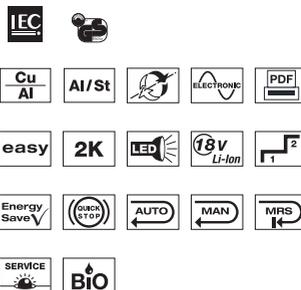
Accessories	Part No.	Page
Outer fixed blade	ESG50EF1	
Inner moving blade	ESG50ES	
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

ESG 55-L Battery powered cutting tool 55 mm dia.

- ▶ High cutting force cuts armoured copper and aluminum cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and Steel
- ▶ 120 kN cutting force for maximum output
- ▶ Robust design and lightweight

Characteristics

- Closed cutting head with bolt interlock, rotatable, flip top style
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- High-performance motors for maximum operating speed
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful cutting operation
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Cutting range	max. 55 mm dia.
Cutting force	120 kN
Cutting time	10 s to 19 s (depending on material thickness)
Number of cuts	Depending on cable type
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	8.0 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	
Battery powered hydraulic cutting tool 55 mm dia.	ESG55L	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

Accessories	Part No.	Page
Outer fixed blade	ESG55EF	
Inner moving blade	ESG55ES	
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408



ESG55EF



ESG55ES

ES 65-L Battery powered cutting tool 65 mm dia.



- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Also suitable for fine stranded cable
- ▶ Extremely robust design and lightweight
- ▶ Large cutting range

Characteristics

- Open cutting head, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Lithium-ion battery with high capacity and extremely short charging time
- Energy saving function by stopping motor after successful cutting operation
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



ES65E

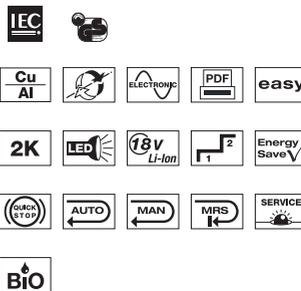
Technical data		
Cutting range	max. 65 mm dia.	
Cutting force	40 kN	
Cutting time	Depending on material thickness	
Number of cuts	Depending on material thickness	
Battery voltage	18 V	
Battery capacity	3.0 Ah, Li-Ion	
Charging time	22 min.	
Weight incl. battery	6.3 kg	
Ambient temperature	-12°C to +40 °C	
Item	Part No.	
Battery powered hydraulic cutting tool 65 mm dia.	ES65L	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	
Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
Replacement blade	ES65E	
USB adapter	PGA1	408

ESG 85-L Battery powered cutting tool 85 mm dia.

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Large cutting area, optimum force transmission due to closed head shape
- ▶ High user safety through cutting head with bolt interlock

Characteristics

- Closed cutting head with bolt interlock, rotatable, flip top style
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- 2-stage hydraulic system with fast feed and power stroke
- High-performance 18V Li-Ion battery
- High-performance motors for maximum operating speed
- Energy saving function by stopping motor after successful cutting operation
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Cutting range	max. 85 mm dia.
Cutting force	60 kN
Cutting time	Depending on material thickness
Number of cuts	Depending on material thickness
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	6.6 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.
Battery powered hydraulic cutting tool 85 mm dia.	ESG85L
Scope of supply	
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2 398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1 400
Plastic case	KK120L

Accessories	Part No.	Page
Outer fixed blade	ESG85EF1	
Inner moving blade	ESG85ES1	
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408



ESG85EF1



ESG85ES1

ES 85-L Battery powered cutting tool 85 mm dia.



- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Large cutting range
- ▶ Suitable for fine stranded cable and telecommunication cable

Characteristics

- Open cutting head, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one-hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Lithium-ion battery with high capacity and extremely short charging time
- Energy saving function by stopping motor after successful cutting operation
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable
- Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- Suitable for fine stranded cable and telecommunication cable



ES85E

Technical data	
Cutting range	max. 85 mm dia.
Cutting force	30 kN
Cutting time	Depending on material thickness
Number of cuts	Depending on material thickness
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	7.0 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	
Battery powered hydraulic cutting tool 85 mm dia.	ES85L	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK120L	

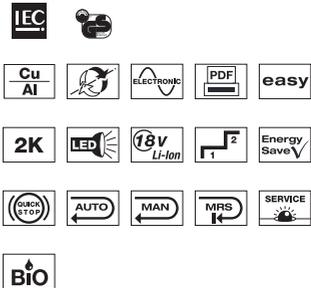
Accessories	Part No.	Page
Replacement blade	ES85E	
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

ESG 105-L Battery powered cutting tool 105 mm dia.

- ▶ Cuts copper and aluminum cables (for armoured cables)
- ▶ 120 kN cutting force for extremely wide cutting range up to 105 mm dia.
- ▶ Remarkably lightweight for tools in this performance class

Characteristics

- Closed cutting head with bolt interlock, rotatable, flip top style
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- Energy saving function by stopping motor after successful cutting operation
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Cutting range	max. 105 mm dia.
Cutting force	120 kN
Cutting time	Depending on cable type
Number of cuts	Depending on cable type
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	10.3 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.
Battery powered hydraulic cutting tool 105 mm dia.	ESG105L

Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Steel carrying case	MK105L	

Accessories	Part No.	Page
Outer fixed blade	ESG105EF	
Inner moving blade	ESG105ES	
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408



ES 105-L Battery powered cutting tool 105 mm dia.



- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type), and fine stranded conductors
- ▶ Extremely large cutting range to 105 mm dia.
- ▶ Remarkably lightweight for tools in this performance class

Characteristics

- Open cutting head, rotatable
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- 2-stage hydraulic system with fast feed and power stroke
- High-performance 18V Li-Ion battery
- High-performance motors for maximum operating speed
- Energy saving function by stopping motor after successful cutting operation
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



ES105E

Technical data		
Cutting range	max. 105 mm dia.	
Cutting force	74 kN	
Cutting time	Depending on cable type	
Number of cuts	Depending on cable type	
Battery voltage	18 V	
Battery capacity	3.0 Ah, Li-Ion	
Charging time	22 min.	
Weight incl. battery	9.4 kg	
Ambient temperature	-12°C to +40 °C	
Item	Part No.	
Battery powered hydraulic cutting tool 105 mm dia.	ES105L	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Steel carrying case	MK105L	
Accessories	Part No.	Page
Replacement blade	ES105E	
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

The *all-rounder.*

Klauke® multi universal tools

When it comes to operations that require different applications all at the same time, Klauke® multi universal tools are the answer. They have interchangeable adapters and dies for crimping, cutting or punching. All standard operations can be flexibly accomplished using just one tool, ideal for service and repair teams for example.

The Klauke® multi comes as a hand-operated and battery powered hydraulic tool, as well as a universal head in combination with a Klauke system pump.

■ The all-rounder:

- ▶ One head for crimping, cutting and punching.
- ▶ Crimping adapters for Klauke dies of most Klauke ranges.
- ▶ Various cutting dies for aluminum and copper conductors with and without armouring, as well as rail catenary wires.
- ▶ Special dies for cutting threaded rods and DIN rails.
- ▶ Punching adapter for Greenlee punching tools.
- ▶ Used to punch holes in DIN rails and cut copper rails.

Benefits:

- ▶ **All standard operations can be accomplished with just one tool.**

This creates a weight advantage especially for repair and service teams.

- ▶ The 6 ton design is set apart by its low weight and extremely easy handling.
- ▶ Thanks to its design, the 6 ton mini+ version can be used even in tight spaces.
- ▶ The 12 ton tool offers wider crimping ranges and higher punching capacities.
- ▶ Only dies and/or adapters need to be changed for the various applications. A crimping tool can be turned into a cutting or punching tool within seconds.
- ▶ This boosts efficiency especially when it comes to assembly applications.
- ▶ All adapters and dies are compatible with all tools in the Klauke® multi range.



- **One tool - 3 functions.**
- **Interchangeable adapters for crimping, cutting and punching.**
- **Available as hand-operated, battery powered and hydraulic universal heads in combination with a Klauke system pump.**



HK 60 UNV Hand-operated hydraulic universal tool



▶ One head for crimping, cutting and punching - one tool for all
 ▶ Ideal for field operations where all common jobs can be carried out with just one tool

Characteristics

- Universal head flip-top style, rotatable
- Adapter for crimping dies of the Klauke Series 5, 18 and 22
- Various cutting dies for aluminum and copper conductors with and without armouring as well as Al/St-Cables (ACSR)
- Dies for cutting threaded rods and DIN rails
- Punching adapter for Greenlee punching tools
- Dies to punch DIN rails
- Light weight due to high quality aluminum housing
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when operation is complete
- Manual retract in case of need
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	60 kN
Stroke	42 mm
Crimping range	6 - 300 mm ²
Cutting range	max. 40 mm dia.
Punching capacity	up to 64 mm dia. round, up to 92 x 92 mm square
Length	540 mm
Weight	3.5 kg
Ambient temperature	-20°C to +40 °C



Item	Part No.	
Hand-operated hydraulic universal tool	HK60UNV	
Scope of supply	Part No.	Page
Steel carrying case for HK 60 UNV with space for adapters and dies	MK60UNV	

Please observe adapters on page 359

PK 60 UNV Hydraulic universal head

- ▶ One head for crimping, cutting and punching - one tool for all
- ▶ Ideal for field operations where all common jobs can be carried out with just one tool
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping, cutting and punching results

Characteristics

- Universal head with quick coupling, under no pressure, rotates 360°, flip top style
- Various cutting dies for aluminum and copper conductors with and without armouring as well as Al/St-Cables (ACSR)
- Dies to punch DIN rails
- Adapter for crimping dies of the Klauke Series 5, 18 and 22

Technical data	
Crimping force	60 kN
Stroke	42 mm
Crimping cycle	3 s to 5 s (depending on cross-section)
Number of crimps	approx. 300 at 150 mm ² Cu DIN
Cutting range	max. 40 mm dia.
Number of cuts	approx. 110 at 4 x 70 mm ² NYY
Punching capacity	up to 64 mm dia. round, up to 92 x 92 mm square
Operating pressure	max. 700 bar
Length	350 mm
Weight	2.4 kg

Item	Part No.	
Hydraulic universal head	PK60UNV	
Scope of supply	Part No.	Page
Carrying bag	TT2	217

Please observe adapters on page 359

Klauke® multi



EKM 60 UNV-L Battery powered universal tool 6 - 300 mm²



- ▶ One head for crimping, cutting and punching - one tool for all
- ▶ Ideal for field operations where all common jobs can be carried out with just one tool
- ▶ Small and slim, perfect for operations in critical areas

Characteristics

- Universal head flip-top style, rotatable
- Electronic control and monitoring of operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery
- High-performance motors for maximum operating speed
- Energy saving function by stopping motor after successful operation
- Quick motor stop for high user safety
- Automatic retraction when operation is complete
- Manual retract in case of need
- Manual retract stop with "teach-in" (MRS+) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter



Technical data	
Crimping force	60 kN
Stroke	27 mm
Crimping range	6 - 300 mm ²
Crimping cycle	7 s to 9 s (depending on cross-section)
Number of crimps	approx. 200 at 150 mm ² Cu DIN
Cutting range	max. 25 mm dia.
Number of cuts	approx. 165 - 300
Punching capacity	approx. 170 for 60 mm round, 3 mm mild steel; approx. 230 for 22.5 mm round, 3 mm mild steel
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight	3.0 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.	
Battery powered hydraulic universal tool 6 - 300 mm ²	EKM60UNVL	
Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KKMUNVL	
Adapter for crimping dies of Series 22	UA22	
Adapter 15 mm for cutting dies	UAM	

Accessories	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

Variants	Part No.	Page
L-BOXX with universal crimping tool EKM60UNVL, 6 - 300 mm ²	LBOXXEKM60UNVL	

Please observe adapters on page 359

EK 60 UNV-L Battery powered universal tool 6 - 300 mm²

- ▶ One head for crimping, cutting and punching - one tool for all
- ▶ Ideal for field operations where all common jobs can be carried out with just one tool
- ▶ Fast working due to 2-stage hydraulics

Characteristics

- Universal head flip-top style, rotatable
- Electronic control and monitoring of operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful operation
- Quick motor stop for high user safety
- Automatic retraction when operation is complete
- Manual retract in case of need
- Manual retract stop with "teach-in" (MRS+) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable



Technical data	
Crimping force	60 kN
Crimping range	6 - 300 mm ²
Crimping cycle	3 s to 5 s (depending on cross-section)
Number of crimps	approx. 300 at 150 mm ² Cu DIN
Cutting range	max. 40 mm dia.
Number of cuts	approx. 110 at 4 x 70 mm ² NYY
Punching capacity	up to 64 mm dia. round
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight	4.6 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.
Battery powered hydraulic universal tool 6 - 300 mm ²	EK60UNVL
Scope of supply	Part No. Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2 398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1 400
Plastic case	KK120UNVL
Adapter for crimping dies of Series 22	UA22

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

Variants	Part No.	Page
EK60UNVL with crimping die set R22, 16 - 240 mm ² and adapter UA22 and cutting inserts to max. 40 mm Ø (UCACSR/UC40)	EK60UNVLSETR	

Please observe adapters on page 359



EK 120 UNV-L Battery powered universal tool 10 - 400 mm²

- ▶ One head for crimping, cutting and punching - one tool for all
- ▶ Ideal for field operations where all common jobs can be carried out with just one tool
- ▶ Fast working due to 2-stage hydraulics
- ▶ Very large crimping range

Characteristics

- Universal head flip-top style, rotatable
- Electronic control and monitoring of operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Balanced centre of gravity for easy handling
- LED for workplace illumination
- High-performance 18V Li-Ion battery
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful operation
- Quick motor stop for high user safety
- Automatic retraction when operation is complete
- Manual retract in case of need
- Manual retract stop with "teach-in" (MRS+) for positioning control in case of multiple crimpings
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter

Technical data	
Crimping force	108 kN
Stroke	42 mm
Crimping range	10 - 400 mm ²
Crimping cycle	Depending on cable type
Number of crimps	approx. 110 at 150 mm ² Cu DIN
Cutting range	max. 40 mm dia.
Number of cuts	Depending on cable type
Punching capacity	up to 144 mm dia. round, up to 138 x 138 mm square
Battery voltage	18 V
Battery capacity	3.0 Ah, Li-Ion
Charging time	22 min.
Weight	6.3 kg
Ambient temperature	-12°C to +40 °C

Item	Part No.	Page
Battery powered hydraulic universal tool 10 - 400 mm ²	EK120UNVL	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Adapter for crimping dies	UA12T	
Plastic case	KK120UNVL	

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408

Please observe adapters on page 359

Item	Part No.	tools	
		6 ton	12 ton
Crimping			
 Adapter for crimping dies series 5	UA5	■	
 Adapter for crimping dies series 13	UA12TKL		■
 Adapter for crimping dies series 18	UA18	■	
 Adapter for crimping dies series 22	UA22	■	
Cutting			
 Adapter 15 mm for cutting dies	UAM**	■	
 Cutting die for Al/Cu conductors to max. 40 mm dia.	UCACSR*	■	■
 Cutting die to max. 26 mm dia.	UC26*	■	■
 Cutting die to max. 40 mm dia.	UC40*	■	■
 Cutting die for threaded rods M5 metric	UCM5	■	■
 Cutting die for threaded rods M6 metric	UCM6	■	■
 Cutting die for threaded rods M8 metric	UCM8	■	■
 Cutting die for threaded rods M10 metric	UCM10	■	■
 Cutting die for threaded rods M12 metric	UCM12	■	■
 Cutting die for threaded rods 1/4"	UCUNC14	■	■
 Cutting die for threaded rods 3/8"	UCUNC38	■	■
 Cutting die for threaded rods 1/2"	UCUNC12	■	■
 Cutting die for profile conductors 35 x 15	UCD3515	■	■
 Cutting die for profile conductors 32 x 15 x 9	UCD3215	■	■
 Cutting die for profile conductors 35 x 7.5	UCD3575	■	■
 Cutting die for profile conductors 2980	UCN2980	■	■
 Cutting die for laminated Cu bus bars, max. width 37.5 mm	UCF	■	■
 Schneideinsatz zum Fahrdrachtschneiden im Eisenbahnbau 107 mm ² , Typ AC	UCAC107	■	■
 Cutting die 85 mm ² type BC for catenary wires in railway construction	UCBC85	■	■
 Cutting die 110 mm ² type BC for catenary wires in railway construction	UCBC110	■	■
 Cutting die 120 mm ² type BC for catenary wires in railway construction	UCBC120	■	■
Cutting die 150 mm ² type BC for catenary wires in railway construction	UCBC150	■	■
Punching			
Punching adapter for holes 64 mm dia., 92 x 92 mm and 46 x 92 mm	UA6P	■	
Hole punch adapter to 144 mm dia., 138 x 138 mm and 68 x 138 mm	UA12P		■
Die for punching DIN rails 35x15; 32x15x9; 35x7.5	UPD6	■	■

* In conjunction with EKM 60 UNV-L the cutting range is max. 25 mm dia

** Can be used only with EKM60UNVL



Many heads, even more potential.

Crimping and cutting heads for modular systems.

Klauke crimping and cutting heads can be individually configured with Klauke system pumps for special applications. We offer an extensive range as well as crimping tools for workbench mounting.

Typical applications for workbench-mounted tools include cable harness assembly and assembly preparations.



- Crimping heads with crimping forces of 55 kN to 1000 kN.
- Cutting heads up to 120 mm dia.
- Individually configurable with drive units at 700 bar operating pressure.
- Hydraulic crimping tools for workbench mounting for Klauke 18, 22 and 13 die series.

■ The correct **crimping head** for every application.

Tool	Crimping force	Crimping range	Series	Features
PK 18	60 kN	6 - 185 mm ²	18 Klauke	For standardised crimping dies to DIN 48083, sheet 1.
PK 22	60 kN	6 - 300 mm ²	22 Klauke	Slim crimping head - ideal when space is critical.
PK 60 VP	55 kN	10 - 240 mm ²		"The patented centring system guarantees every time optimum crimping results".
PK 60 VP/FT	55 kN	16 - 300 mm ²		Closed crimping head - ideal for utility lines construction.
PK 120/42	120 kN	10 - 400 mm ²	13 Klauke	42 mm opening width.
PK 120 U	120 kN	10 - 400 mm ²	13 Klauke	H-head for deep groove crimping.
PK 25/2	250 kN	16 - 625 mm ²	25 Klauke	For standardised crimping dies to DIN 48083, sheet 3.
PK 45	450 kN	120 - 1000 mm ²	45 Klauke	Sturdy construction.
PK 1000	1000 kN	To 1600 mm ²	100 Klauke	100 t crimping head in compact design, single-acting.
THK 18	60 kN	6 - 185 mm ²	18 Klauke	For workbench mounting, BG-compliant design.
THK 22	60 kN	6 - 300 mm ²	22 Klauke	
THK 120	120 kN	10 - 400 mm ²	13 Klauke	

■ Improved cutting using the correct **cutting heads**.

Tool	Design		Cutting range mm dia.	Cutting force kN ²⁾	Application				Features
	Open head	Closed head			Cu / Al ¹⁾	Al / St (ACSR)	Cu / Al, solid	Steel, solid	
SDG 45		✓	45	60	✓	✓	✓	✓	Especially for Al/St ropes to 45 mm dia. and St, solid.
SDG 50		✓	48	60	✓				For multi-stranded Al and Cu cables.
SDG 55		✓	55	120	✓	✓	✓	✓	With 120 kN cutting force for all cables and Al/St ropes to 55 mm dia.
SDK 65		✓	65	42	✓				Ideal for cutting earth cables to 65 mm dia.
SDG 85/2		✓	85	60	✓				For cutting copper and aluminum cables to 85 mm dia.
SDK 85		✓	85	30	✓				For cutting telecommunication and earth cables to 85 mm dia.
SDG 105		✓	105	120	✓		✓		Very wide cutting range to 105 mm dia. - also for armoured cables.
SDK 105		✓	105	74	✓				Also for fine stranded cables to 105 mm dia.
SDK 120		✓	120	55	✓				Extremely large cutting range to 120 mm dia.

¹⁾ This column also includes Cu / Al multi-stranded and Cu / Al with sheet metal and wire armouring.

²⁾ The exact cutting capacity depends on the type of cable or rope.



PK 18 Hydraulic crimping head 6 - 185 mm²

- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results
- ▶ Crimping dies are connected by spring - cannot get lost

Characteristics

- For interchangeable dies, series 18, narrow crimping
- Open crimping head with quick coupling, under no pressure, rotates 360°
- For dies acc. to DIN 48083, page 1

Technical data		
Crimping force	60 kN	
Stroke / opening width	17 mm	
Crimping range	6 - 185 mm ²	
Operating pressure	max. 700 bar	
Weight	3.2 kg	
Item	Part No.	
Hydraulic crimping head 6 - 185 mm ²	PK18	
Scope of supply	Part No.	Page
Carrying bag	TT2	217



18

THK 18 Hydraulic crimping tool for workbench mounting 6 - 185 mm²

- ▶ BG-compliant version
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Characteristics

- For interchangeable dies, series 18, narrow crimping
- Quick coupling
- For dies acc. to DIN 48083, page 1
- For workbench mounting

Technical data	
Crimping force	60 kN
Crimping range	6 - 185 mm ²
Operating pressure	max. 700 bar
Weight	8.2 kg
Dimensions	H x W x D: 220 x 160 x 120 mm
Item	Part No.
Hydraulic crimping tool for work bench mounting 6 - 185 mm ²	THK18

18



Available dies for Series 18 for PK 18 and THK 18

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 185		427
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 95		427
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		428
Tubular cable lugs and connectors for solid conductors		1.5 - 16		428
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 185		428
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		10 - 70		429
Insulated terminals and pin terminals		10 - 50		429
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors, 3 and 4 core sector shaped conductors		10 sm - 240 se / 185 sm		429
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		10 - 185		430
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 95		430
Compression cable lugs and connectors - Al/Cu				
Compression cable lugs and connectors - Al/Cu		10 - 185		430
Clamps and screw connectors				
C-clamps		4 - 50		430
Cable end-sleeves				
Cable end-sleeves		10 - 95		431
Twin cable end-sleeves		2 x 4 - 2 x 16		431
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 95		431
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		432
Cutting die				
Cutting range		18 mm dia.		432

Please observe the restrictions in the technical index when crimping connectors!



PK 22 Hydraulic crimping head 6 - 300 mm²22
Klauke

- ▶ Large crimping range up to 300 mm²
- ▶ Slim crimping head - ideal when space is critical

Characteristics

- For interchangeable dies, series 22, narrow crimping
- Closed crimping head with quick coupling, flip top style, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Order info

- Also available for "W" crimping dies (UL certified), part number appendix "W"

Technical data		
Crimping force	60 kN	
Stroke / opening width	17 mm	
Crimping range	6 - 300 mm ²	
Operating pressure	max. 700 bar	
Weight	3.0 kg	
Item	Part No.	
Hydraulic crimping head 6 - 300 mm ²	PK22	
Scope of supply	Part No.	Page
Carrying bag	TT2	217

THK 22 Hydraulisches Presswerkzeug zur Tischmontage 6 - 300 mm²22
Klauke

- ▶ Large crimping range up to 300 mm²
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Characteristics

- For interchangeable dies, series 22, narrow crimping
- Quick coupling
- For workbench mounting
- BG-compliant version

Technical data		
Crimping force	60 kN	
Crimping range	6 - 300 mm ²	
Operating pressure	max. 700 bar	
Weight	8.8 kg	
Dimensions	H x W x D: 220 x 160 x 120 mm	
Item	Part No.	
Hydraulic crimping tool for work bench mounting 6 - 300 mm ²	THK22	

Available dies for Series 22 for PK 22 and THK 22

Suitable for	Connection material	Crimping range mm²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 300		433
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		6 - 300		434
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		434
Tubular cable lugs and connectors for fine stranded conductors		10 - 70		435
Tubular cable lugs and connectors for solid conductors		1.5 - 16		435
Tubular cable lugs and connectors, Ni, stainless steel				
Tubular cable lugs and connectors, stainless steel		0.5 - 16		435
Tubular cable lugs and connectors, Ni		10 - 50		435
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 300		436
Double crimping compression cable lugs		2 x 50 - 2 x 70		436
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		10 - 70		437
Insulated terminals and pin terminals		10 - 70		437
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors, 3 and 4 core sector shaped conductors		10 sm - 300 se / 240 sm		437
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		10 - 300		438
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm²		25 - 185		438
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		439
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		439
Compression cable lugs and connectors - Al/Cu				
Compression cable lugs and connectors - Al/Cu		10 - 300		438
Clamps and screw connectors				
C-clamps		4 - 50		439
H-clamps		70		439
Cable end-sleeves				
Cable end-sleeves		10 - 240		440
Twin cable end-sleeves		2 x 4 - 2 x 16		440
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 240		440
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		441

Please observe the restrictions in the technical index when crimping connectors!

PK 60 VP Hydraulic crimping head 10 - 240 mm²

- ▶ Suitable for crimping tubular cable lugs and connectors "standard type" and fine and superfine stranded conductors to 240 mm²
- ▶ The patented centring system guarantees every time optimum crimping results
- ▶ No additional dies required

Characteristics

- Quad-point indent crimping
- Wide crimping
- Open crimping head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Technical data	
Crimping force	55 kN
Crimping range	10 - 240 mm ²
Operating pressure	max. 700 bar
Weight	2.8 kg

Item	Part No.
Hydraulic crimping head 10 - 240 mm ²	PK60VP

Scope of supply	Part No.	Page
Carrying bag	TT2	217



Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs standard type and tubular cable lugs for switchgear connections		10 - 240	
Connectors, Standard type		10 - 120	
Tubular cable lugs for fine stranded conductors		10 - 240	
Connector for fine stranded conductors		10 - 95	

PK 60 VP/FT Hydraulic crimping head 16 - 300 mm²

- ▶ Suitable for crimping tubular cable lugs and connectors "standard type" and fine and superfine stranded conductors to 300 mm²
- ▶ The patented centring system guarantees every time optimum crimping results
- ▶ Closed crimping head - ideal for utility lines construction

Characteristics

- Quad-point indent crimping
- Wide crimping
- Closed crimping head with quick coupling, flip top style, under no pressure, rotates 360°
- For connecting to hydraulic drive units with 700 bar operating pressure for best possible crimping results

Technical data	
Crimping force	55 kN
Crimping range	16 - 300 mm ²
Operating pressure	max. 700 bar
Length	315 mm
Weight	2.8 kg

Item	Part No.	
Hydraulic crimping head 16 - 300 mm ²	PK60VPFT	
Scope of supply	Part No.	Page
Carrying bag	TT2	217

Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs standard type and tubular cable lugs for switchgear connections		16 - 300	
Tubular cable lugs and connectors for fine stranded conductors		16 - 300	



PK 120/42 Hydraulic crimping head 10 - 400 mm²



- ▶ Large crimping range up to 400 mm²
- ▶ C-head with large 42 mm opening width
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools

Characteristics

- For interchangeable dies, series 13, wide crimping
- Crimping head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Technical data	
Crimping force	130 kN
Stroke / opening width	42 mm
Crimping range	10 - 400 mm ²
Operating pressure	max. 700 bar
Weight	4.5 kg

Item	Part No.
Hydraulic crimping head 10 - 400 mm ²	PK12042
Scope of supply	Part No.
Carrying bag	TT2
	Page
	217



13
KLAUKE



THK 120 Hydraulic crimping tool for workbench mounting 10 - 400 mm²



- ▶ Large crimping range up to 400 mm²
- ▶ For workbench mounting
- ▶ BG-compliant version
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools

Characteristics

- For interchangeable dies, series 13, wide crimping
- Quick coupling
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Technical data	
Crimping force	120 kN
Crimping range	10 - 400 mm ²
Operating pressure	max. 700 bar
Weight	12 kg
Dimensions	H x W x D: 285 x 160 x 110 mm

Item	Part No.
Hydraulic crimping tool for work bench mounting 10 - 400 mm ²	THK120

13
KLAUKE



Available dies for Series 13 for PK 120/42 and THK 120

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 300		444
Double crimping compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		16 - 150		445
Insulated terminals and pin terminals		10 - 95		445
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors, 3 and 4 core sector shaped conductors		10 sm - 300 se / 300 sm		445
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		10 - 240		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Compression cable lugs and connectors - Al/Cu				
Compression cable lugs and connectors - Al/Cu		10 - 240		446
Clamps and screw connectors				
C-clamps		10 - 70		447
H-clamps		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!



PK 120 U Hydraulic crimping head 10 - 400 mm²

- ▶ H-head for deep groove crimping
- ▶ Up to 60% less crimping operations due to wide crimping compared with 6 t tools

Characteristics

- For interchangeable dies, series 13, wide crimping
- H-Form crimping head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Technical data		
Crimping force	120 kN	
Stroke / opening width	20 mm	
Crimping range	10 - 400 mm ²	
Operating pressure	max. 700 bar	
Length	320 mm	
Weight	3.7 kg	
Item	Part No.	
Hydraulic crimping head 10 - 400 mm ²	PK120U	
Scope of supply	Part No.	Page
Carrying bag	TT2	217

13

KLAUKE



12 ton



Available dies for Series 13 for PK 120 U

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		16 - 400		442
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		443
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		443
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		444
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 300		444
Double crimping compression cable lugs		2 x 50 - 2 x 95		444
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		16 - 150		445
Insulated terminals and pin terminals		10 - 95		445
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors, 3 and 4 core sector shaped conductors		10 sm - 300 se / 300 sm		445
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		10 - 240		446
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²		25 - 185		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		446
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		447
Compression cable lugs and connectors - Al/Cu				
Compression cable lugs and connectors - Al/Cu		10 - 240		430
Clamps and screw connectors				
C-clamps		10 - 70		447
H-clamps		70 - 120		447
Cable end-sleeves				
Cable end-sleeves		25 - 240		448
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		448

Please observe the restrictions in the technical index when crimping connectors!



PK 25/2 Hydraulic crimping head 16 - 625 mm²

- ▶ For dies acc. to DIN 48083, page 3
- ▶ Very large crimping range to 625 mm²
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Characteristics

- For interchangeable dies, series 25, wide crimping
- Crimping head with quick coupling, under no pressure, rotates 360°

Technical data		
Crimping force	250 kN	
Stroke / opening width	20 mm	
Crimping range	16 - 625 mm ²	
Operating pressure	max. 700 bar	
Length	335 mm	
Weight	5.3 kg	
Item	Part No.	
Hydraulic crimping head 16 - 625 mm ²	PK252	
Scope of supply	Part No.	Page
Carrying bag	TT2	217


25
Klauke


Available dies for Series 25 for PK 25/2

Suitable for	Connection material	Crimping range mm²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		449
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		449
Tubular cable lugs and connectors for fine stranded conductors		16 - 300		450
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 625		450
Double crimping compression cable lugs		2 x 50 - 2 x 120		450
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		16 - 240		451
Insulated terminals and pin terminals		10 - 150		451
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors, 3 and 4 core sector shaped conductors		10 sm - 300 se / 300 sm		451
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		10 - 500		452
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 300 mm²		25 - 300		452
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		25/4 - 120/20		452
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		453
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 - 500		452
Clamps and screw connectors				
C-clamps		10 - 185		453
H-clamps		70 - 120		453
Cable end-sleeves				
Cable end-sleeves		25 - 240		454
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		454

Please observe the restrictions in the technical index when crimping connectors!



PK 45 Hydraulic crimping head 120 - 1000 mm²45
Klauke

- ▶ Very large crimping range to 1000 mm²
- ▶ Sturdy construction for safe working
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results

Characteristics

- For interchangeable dies, series 45, wide crimping
- Crimping head with quick coupling, under no pressure, rotates 360°

Technical data		
Crimping force	450 kN	
Crimping range	120 - 1000 mm ²	
Operating pressure	max. 700 bar	
Weight	10.3 kg	
Height	265 mm	
Item	Part No.	
Hydraulic crimping head 120 - 1000 mm ²	PK45	
Scope of supply	Part No.	Page
Carrying bag	TT2	217

Available dies for Series 45 for PK 45

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		120 - 1000		455
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		150 - 500		455
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 150 - 300 mm ²				
		150 - 300		455

PK 1000 Hydraulic crimping head, 100 t, up to 1600 mm²100
Klauke

- ▶ Single-acting crimping head for connecting to hydraulic pumps with 700 bar operating pressure
- ▶ Compact, simple design
- ▶ Extremely high crimping force

Characteristics

- For interchangeable dies (outer: to IZUMI standard EP-100W, inside: DIN standard or customer request)
- Nickel-plated version
- Quick coupling

Order info

- Also available in country-specific version, part number appendix "C"

Technical data	
Crimping force	1000 kN
Stroke	25 mm
Crimping range	up to 1600 mm ²
Operating pressure	max. 700 bar
Weight	without dies: 27 kg
Height	Incl. handles: 365 mm
Dimensions	Outer diameter: 195 mm
Item	Part No.
Hydraulic 100 t crimping head with Cejn coupling	PK1000

SDG 45 Hydraulic cutting head 45 mm dia.

- ▶ High cutting force cuts armoured copper and aluminum cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and Steel
- ▶ Extremely robust design and lightweight

Characteristics

- Closed head with bolt interlock, flip open jaws
- Cutting head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible cutting results

Technical data	
Cutting range	max. 45 mm dia.
Cutting force	60 kN
Operating pressure	max. 700 bar
Length	340 mm
Weight	3.8 kg

Item	Part No.
Hydraulic cutting head 45 mm dia.	SDG45

Scope of supply	Part No.	Page
Carrying bag	TT2	217

Accessories	Part No.	Page
Outer fixed blade	ESG45EF	
Inner moving blade	ESG45ES1	



ESG45EF



ESG45ES1

SDG 50 Hydraulic cutting head 48 mm dia.

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Low weight

Characteristics

- Closed crimping head, flip top style
- Cutting head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible cutting results

Technical data	
Cutting range	max. 48 mm dia.
Cutting force	60 kN
Operating pressure	max. 700 bar
Length	330 mm
Weight	2.5 kg

Item	Part No.
Hydraulic cutting head 48 mm dia.	SDG50

Scope of supply	Part No.	Page
Carrying bag	TT2	217

Accessories	Part No.	Page
Inner moving blade	ESG50ES	
Outer fixed blade	ESG50EF1	



ESG50EF1



ESG50ES

SDG 55 Hydraulic cutting head 55 mm dia.



ESG55EF



ESG55ES

- ▶ High cutting force cuts armoured copper and aluminum cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and Steel
- ▶ 120 kN cutting force for maximum output

Characteristics

- Closed cutting head with bolt interlock, flip top style, under no pressure, rotates 360°, with quick coupling
- For connecting to hydraulic pumps with 700 bar operating pressure
- Ergonomic handling through handle

Technical data	
Cutting range	max. 55 mm dia.
Cutting force	120 kN
Operating pressure	max. 700 bar
Length	380 mm
Weight	5.6 kg

Item	Part No.	
Hydraulic cutting head 55 mm dia.	SDG55	
Scope of supply	Part No.	Page
Carrying bag	TT2	217

Accessories	Part No.	Page
Outer fixed blade	ESG55EF	
Inner moving blade	ESG55ES	

SDG 65 Hydraulic cutting head 65 mm dia.



ES65E

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Also suitable for fine stranded cable
- ▶ Safe working due to high ground stability by double stops

Characteristics

- Open cutting head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure

Technical data	
Cutting range	max. 65 mm dia.
Cutting force	42 kN
Operating pressure	max. 700 bar
Length	425 mm
Weight	4.7 kg

Item	Part No.	
Hydraulic cutting head 65 mm dia.	SDK65	
Scope of supply	Part No.	Page
Carrying bag	TT2	217

Accessories	Part No.	Page
Replacement blade	ES65E	

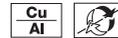
SDG 85/2 Hydraulic cutting head 85 mm dia.

- ▶ High user safety through cutting head with bolt interlock
- ▶ Exceptionally light and compact design
- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)

Characteristics

- Closed cutting head with bolt interlock, flip top style, under no pressure, rotates 360°, with quick coupling
- For connecting to hydraulic drive units with 700 bar operating pressure for the best possible cutting results
- Handle enables easy handling

Technical data		
Cutting range	max. 85 mm dia.	
Cutting force	60 kN	
Operating pressure	max. 700 bar	
Length	445 mm	
Weight	4.3 kg	
Item	Part No.	
Hydraulic cutting head 85 mm dia.	SDG852	
Scope of supply	Part No.	Page
Carrying bag	TT2	217
Accessories	Part No.	Page
Outer fixed blade	ESG85EF1	
Inner moving blade	ESG85ES1	



ESG85EF1



ESG85ES1

SDG 85 Hydraulic cutting head 85 mm dia.

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Suitable for fine stranded cable and telecommunication cable
- ▶ Exceptionally light and compact design
- ▶ Safe working due to high ground stability by double stops

Characteristics

- Open cutting head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible cutting results
- Uniform cut by knife guide

Technical data		
Cutting range	max. 85 mm dia.	
Cutting force	30 kN	
Operating pressure	max. 700 bar	
Length	450 mm	
Weight	5.2 kg	
Item	Part No.	
Hydraulic cutting head 85 mm dia.	SDK85	
Scope of supply	Part No.	Page
Carrying bag	TT2	217
Accessories	Part No.	Page
Replacement blade	ES85E	



ES85E



SDG 105 Hydraulic cutting head 105 mm dia.



ESG105EF



ESG105ES

- ▶ Cuts copper and aluminum cables (for armoured cables)
- ▶ 120 kN cutting force for extremely wide cutting range up to 105 mm dia.
- ▶ Exceptionally light and compact design

Characteristics

- Closed cutting head with bolt interlock, under no pressure, rotates 360°, with quick coupling
- Compact design permits cutting also in constricted places
- Handle enables easy handling
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible cutting results

Technical data		
Cutting range	max. 105 mm dia.	
Cutting force	120 kN	
Operating pressure	max. 700 bar	
Length	432 mm	
Weight	7.7 kg	
Item	Part No.	
Hydraulic cutting head 105 mm dia.	SDG105	
Scope of supply	Part No.	Page
Carrying bag	TT2	217
Accessories	Part No.	Page
Inner moving blade	ESG105ES	
Outer fixed blade	ESG105EF	

SDK 105 Hydraulic cutting head 105 mm dia.



ES105E

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Extremely wide cutting range up to 105 mm dia. – also for fine stranded cables
- ▶ Exceptionally light and compact design
- ▶ Safe working due to high ground stability by double stops

Characteristics

- Open cutting head with quick coupling, under no pressure, rotates 360°
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible cutting results
- High ground stability by double stops

Technical data		
Cutting range	max. 105 mm dia.	
Cutting force	74 kN	
Operating pressure	max. 700 bar	
Length	510 mm	
Weight	7.7 kg	
Item	Part No.	
Hydraulic cutting head 105 mm dia.	SDK105	
Scope of supply	Part No.	Page
Carrying bag	TT4	217
Accessories	Part No.	Page
Replacement blade	ES105E	

SDK 120 Hydraulic cutting head 120 mm dia.

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Extremely wide cutting range up to 120 mm dia. – also for fine stranded cables
- ▶ Exceptionally light and compact design
- ▶ Safe working due to high ground stability by double stops

Characteristics

- Open cutting head with quick coupling, under no pressure, rotates 360°
- High ground stability by double stops
- For connecting to hydraulic drive units with 700 bar operating pressure for the best possible cutting results

Technical data	
Cutting range	max. 120 mm dia.
Cutting force	55 kN
Operating pressure	max. 700 bar
Length	538 mm
Weight	8.7 kg

Item	Part No.
Hydraulic cutting head 120 mm dia.	SDK120

Scope of supply	Part No.	Page
Carrying bag	TT4	217

Accessories	Part No.	Page
Replacement blade	ES120E	



ES120E



Drive with a system.

Hydraulic drive units for Klauke tools.

Klauke stands for connections with system. This applies for both tool and connecting material combinations as well as for individual components within hydraulic tools and systems. All system pumps are capable of driving all Klauke crimping, cutting and universal heads. In addition, individual types with appropriate functions can also be connected to the Bus Bar Tool centre.

All system pumps are precisely matched to Klauke tools and generate 700 bar pressure.



- **System pumps with 700 bar pressure:**
 - Foot pumps
 - Electric pumps for 115 V to 400 V
 - 18 V battery powered hydraulic pump, with Li-ion technology.
- **For driving:**
 - Crimping heads and crimping tools for workbench mounting
 - Cutting heads
 - Bus bar processing centres.

Currently the only electro-hydraulic drive unit on the market, the **EHP 4** offers the option of regulating the piston feed speed. This means the optimum speed can be selected for every application.

FHP 2 Foot pump 700 bar

- ▶ Two-stage hydraulics
- ▶ Manual retraction in case of need and at high pressure end
- ▶ Sturdy design

Characteristics

- For the operation of hydraulic crimping and cutting heads
- Automatic pressure switch off

Technical data		
Operating pressure	max. 700 bar	
Weight	12 kg	
Item	Part No.	
Foot pump 700 bar	FHP2	
Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402

Accessories	Part No.	Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406



PHD 2 Pneumatic hydraulic booster, 700 bar

- ▶ Manual retraction in case of need and at high pressure end

Characteristics

- For the operation of hydraulic crimping and cutting heads

Technical data		
Required air pressure	max. 6 bar	
Operating pressure	max. 700 bar	
Weight	6.3 kg	
Item	Part No.	
Pneumatic-hydraulic pressure transmitter	PHD2	
Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402

Accessories	Part No.	Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406



EHP 2 Electro hydraulic drive unit 400 V, 700 bar



► Compact dimensions and low weight combined with high conveying capacity

Characteristics

- With three-phase motor
- For the operation of hydraulic crimping and cutting heads
- Hydraulic hose, 2 m
- Connecting cable, 4 m
- Three-stage safety foot switch
- Electronic control
- 70% power-on time

Technical data	
Version	Three-phase motor
Rated output	0.55 kW
Motor voltage	360 V - 440 V / 50 Hz
Capacity	0.82 l / min.
Operating pressure	max. 700 bar
Weight	22.9 kg
Operating mode	70% power-on time

Item	Part No.	
Electro-hydraulic pump, 700 bar	EHP2380	
Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402
Foot switch for electro-hydraul. pumps EHP 2 to EHP 4 and HK 12/2 EL	FTA1	402

Accessories	Part No.	Page
Transport trolley for electro-hydraulic pump EHP 2	TW50	401
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	402
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406
Adapter Klauke sleeve to Greenlee plug	CMGSK	

EHP 3 Electro hydraulic drive unit 400 V, 700 bar

- ▶ Continuous operation
- ▶ High conveying capacities with compact dimensions

Characteristics

- With three-phase motor
- For the operation of hydraulic crimping and cutting heads
- Hydraulic hose, 2 m
- Connecting cable, 4 m
- Three-stage safety foot switch
- Electronic control

Technical data	
Version	Three-phase motor
Rated output	1.1 kW
Motor voltage	360 V - 440 V / 50 - 60 Hz
Capacity	0.9 l / min.
Operating pressure	max. 700 bar
Weight	40.9 kg
Operating mode	100% power-on time

Item	Part No.	
Electro-hydraulic pump, 700 bar	EHP3	
Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402
Foot switch for electro-hydraul. pumps EHP 2 to EHP 4 and HK 12/2 EL	FTA1	402

Accessories	Part No.	Page
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	402
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406
Transport trolley for electro-hydraulic pump EHP 3	TWEHP3	401
Adapter Klauke sleeve to Greenlee plug	CMGSK	



EHP 4 Electro hydraulic drive unit, 700 bar



- ▶ Manually adjustable piston stroke speed / volume of the pump
- ▶ Closed, compact and lockable housing (IP54 or higher) to protect against humidity, dust and unauthorised manipulation
- ▶ High capacity

Characteristics

- Compatibility with hydraulic crimping and cutting heads of Klauke
- To connect bus bar tool centre with adapter CMGSK
- For use in conjunction with the LSK 120 with adapter CMGSK for punching bus bars
- Compatibility with Greenlee punching tools (round and special shape punches) with adapter CMGSK
- Manually adjustable piston stroke speed / volume of the pump

Order info

- The hydraulic pumps can be individually configured as customer-specific system.

Technical data	
Version	AC
Rated output	0.75 kW
Motor voltage	EHP4115: 115V/50 Hz, EHP4230: 230V/50 Hz
Capacity	0.82 l / min.
Operating pressure	max. 700 bar
Weight	28.3 kg
Operating mode	70% power-on time

Item	Part No.	
Electro-hydraulic pump, 115 V	EHP4115	
Electro-hydraulic pump, 230 V	EHP4230	
Scope of supply		Page
Hydraulic hose, 3m	HS23	402
Foot switch for electro-hydraul. pumps EHP 2 to EHP 4 and HK 12/2 EL	FTA1	402

Accessories	Part No.	Page
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	402
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406
Transport trolley for electro-hydraulic pump EHP 4	TW150	401
Adapter Klauke sleeve to Greenlee plug	CMGSK	

AHP 700-L Battery powered hydraulic pump, 700 bar

- ▶ Compact and lightweight for mobile use
- ▶ High capacity
- ▶ Suitable for operating all single-acting Klauke crimping, cutting and punching tools with 700 bar operating pressure

Characteristics

- Programme-switching between crimping, cutting, and punching
- Housing from impact-resistant, fibreglass reinforced polyamide
- Large display for monitoring, diagnostics and setting the pump
- Two powerful, high-capacity Li-Ion batteries
- High-performance motor for maximum operating speed
- Automatic retraction
- Manual retract in case of need
- Manual retract interrupt with "teach in" (MRS+)
- Remote control with cable for easy operation of the battery-operated pump
- Integrated storage compartment for storing the remote control
- Multifunction LED for maintenance control, charge level indicator of the batteries and for data transmission to PC via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable
- All high-pressure hoses have coupling plug and coupling sleeve, oil filled
- Shoulder strap with padding for high wearing comfort

Order info

- Also available in country-specific version, part number appendix „C“



Technical data	
Battery voltage	18 V
Battery capacity	2 x 3.0 Ah, Li-Ion
Charging time	22 min.
Weight incl. battery	(with two batteries) approx. 6.4 kg
Ambient temperature	-12°C to +40 °C
Operating pressure	max. 700 bar
Max. oil volume;	approx. 800 ml
Dimensions	H x W x D: 330 x 160 x 280 mm

Item	Part No.		
Battery powered hydraulic pump, 700 bar	AHP700L		
Scope of supply	Part No.	Quantity	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	2	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	1	400
Hydraulic hose, 2m, oil filled	HSOEL2	1	403
Carrying strap with shoulder padding	TG3	1	
Carrying bag	TT2	1	217
Remote control with 1.5 m cable	HTA4	1	404

Accessories	Part No.	Page
Hydraulic hose, 3m, oil filled	HSOEL3	403
Hydraulic hose, 4m, oil filled	HSOEL4	403
Hydraulic hose, 5m, oil filled	HSOEL5	403
Hydraulic hose, 6m, oil filled	HSOEL6	403
Hydraulic hose, 8m, oil filled	HSOEL8	403
Hydraulic hose, 10m, oil filled	HSOEL10	403
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Two-hand safety control for battery powered hydraulic pump AHP 700-L	ZST4	402
Foot switch for battery powered hydraulic pump AHP 700-L	FTA4	402
Pressure sensor 1000 bar	TP1000	406



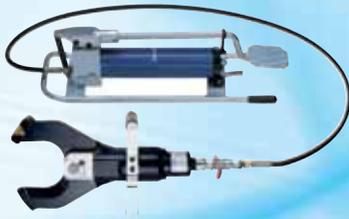
System solutions

for special requirements.

Hydraulic systems for crimping, cutting, bending and punching.

Hydraulic systems offer a host of applications: crimping especially large connecting materials, cutting cables with large diameters or cutting potentially live cables. The scope of supply includes drive units, tools, high-pressure hoses and transport aids such as boxes or trolleys.

Thanks to the various drive types, for instance with foot pump, hydraulic pumps without an external energy supply or driven by electric motors, there's a solution for every application.



- Hydraulic crimping system to 450 kN.
- Hydraulic cutting systems to 120 mm dia.
- GS-tested safety cutting tools.



■ *Ideal for large cross sections and diameters.*

- ▶ Crimping systems with 1000 kN crimping force for nominal cross sections up to 1600 mm².
- ▶ Hydraulic cutting systems for copper and aluminum cables without armouring up to 120 mm dia.
- ▶ Extremely sturdy crimping and cutting heads.
- ▶ **Systems can be configured** with various hose lengths from 2 m to 10 m.
- ▶ Drive via foot or 230 V and 400 V electric pumps.



Benefits:

- ▶ Perfectly matched crimping and cutting systems are available for frequent applications.
- ▶ Systems with foot pumps work without an external power supply and are ideal for mobile use.
- ▶ Crimping and cutting systems with electric pumps offer increased comfort.
- ▶ The various hose lengths allow optimised adjustment to individual working situations.

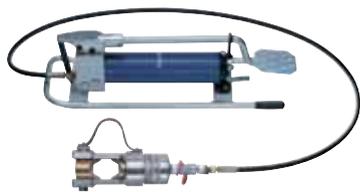
■ *Safe cutting operations even on live cables.*

- ▶ Tested safety cutting devices for cutting live cables.
- ▶ Tested tools certified to GS.
- ▶ With electro-hydraulic drive or with foot pump.

Benefits:

- ▶ Increased safety **since live cables can be cut without risk.**
- ▶ These cutting tools, tested by the government safety organisation, offer the highest possible level of safety for the user.
- ▶ Thanks to its compact design, the battery powered hydraulic version is much lighter than alternative systems.



HK 25/2 Hydraulic crimping tool with foot pump 16 - 625 mm²25
Klauke

25 ton



- ▶ Extremely wide cross section range up to 625 mm²
- ▶ Hydraulic system with 250 kN crimping force
- ▶ Foot pump with two-stage hydraulics

Characteristics

- For interchangeable dies, series 25, wide crimping
- H-Form crimping head with quick coupling, under no pressure, rotates 360°
- Manual retraction in case of need and at high pressure end

Order info

- The wide choice of available crimping dies can be found in the catalogue, chapter "Crimping dies" under Series 25.

Technical data		
Crimping force	250 kN	
Crimping range	16 - 625 mm ²	
Operating pressure	max. 700 bar	
Weight	17.6 kg	
Item	Part No.	
Hydraulic crimping tool with foot pump 16 - 625 mm ²	HK252	
Scope of supply		Page
Hydraulic hose, 2m	HS22	402
Steel carrying case	MKU	216
Accessories		Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406

HK 45 Hydraulic crimping tool with foot pump 120 - 1,000 mm²

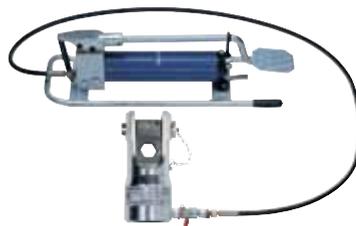
- ▶ Extremely large cross section range to 1000 mm²
- ▶ Hydraulic system with 450 kN crimping force
- ▶ Foot pump with two-stage hydraulics

Characteristics

- For interchangeable dies, series 45, wide crimping
- Crimping head, H-shape with quick coupling
- Manual retraction in case of need and at high pressure end
- High-pressure hose, 2 m

Order info

- The wide choice of available crimping dies can be found in the catalogue, chapter "Crimping dies" under Series 45.



Technical data	
Crimping force	450 kN
Crimping range	120 - 1,000 mm ²
Operating pressure	max. 700 bar
Weight	23 kg

Item	Part No.
Hydraulic crimping tool with foot pump 120 - 1000 mm ²	HK45

Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402
Steel carrying case	MKU	216

Accessories	Part No.	Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406

HK 12/2 EL/380 Hydraulic crimping tool with pump 400V, 16 - 400 mm²

13

12 ton



400V

- ▶ Large cross section range up to 400 mm²
- ▶ C-head with 42 mm opening width
- ▶ For mobile use due to transport trolley and long cable

Characteristics

- For interchangeable dies, series 13, wide crimping
- C-Form crimping head with quick coupling, under no pressure, rotates 360°
- Electronic control with three-phase motor

Order info

- The wide choice of available crimping dies can be found in the catalogue, chapter "Crimping dies" under Series 13.

Technical data	
Crimping force	120 kN
Crimping range	16 - 400 mm ²
Version	Three-phase motor 400 V
Rated output	0.55 kW
Motor voltage	360 V - 440 V / 50 Hz
Capacity	0.82 l / min.
Operating pressure	max. 700 bar
Weight	44.5 kg

Item	Part No.	
Crimping tool with pump, 16 - 400 mm ² , 400 V	HK122EL380	
Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402
Foot switch for electro-hydraul. pumps EHP 2 to EHP 4 and HK 12/2 EL	FTA1	402
Transport trolley for electro-hydraulic pump EHP 2	TW50	401

Accessories	Part No.	Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406

HK 25/2 EL/380 Hydraulic crimping tool with pump 400 V, 16 - 625 mm²

- ▶ Extremely wide cross section range up to 625 mm²
- ▶ Crimping head, H-shape
- ▶ For mobile use due to transport trolley and long cable

Characteristics

- For interchangeable dies, series 25, wide crimping
- H-Form crimping head with quick coupling, under no pressure, rotates 360°
- Electronic control with three-phase motor

Order info

- The wide choice of available crimping dies can be found in the catalogue, chapter "Crimping dies" under Series 25.

Technical data	
Crimping force	250 kN
Crimping range	16 - 625 mm ²
Version	Three-phase motor 400 V
Rated output	0.55 kW
Motor voltage	360 V - 440 V / 50 Hz
Capacity	0.82 l / min.
Operating pressure	max. 700 bar
Weight	45.9 kg

Item	Part No.	
Crimping tool with pump, 16 - 625 mm ² , 400 V	HK252EL380	
Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402
Foot switch for electro-hydraul. pumps EHP 2 to EHP 4 and HK 12/2 EL	FTA1	402
Transport trolley for electro-hydraulic pump EHP 2	TW50	401

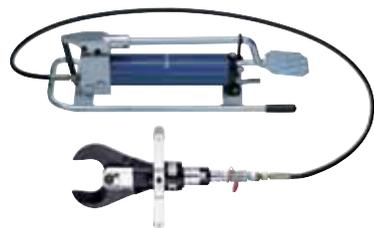
Accessories	Part No.	Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406



400V



AS 65 FHP Hydraulic cutting tool with foot pump, 65 mm dia.



- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Also suitable for fine stranded cable
- ▶ Safe working due to high ground stability by double stops
- ▶ Foot pump with two-stage hydraulics

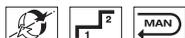
Characteristics

- Open cutting head with quick coupling, under no pressure, rotates 360°
- Manual retraction in case of need and at high pressure end
- Hydraulic hose, 2 m

Technical data	
Cutting range	max. 65 mm dia.
Operating pressure	max. 700 bar
Weight	16.7 kg

Item	Part No.
Hydraulic cutting tool with foot pump 65 mm dia.	AS65FHP

Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	402
Steel carrying case	MKU	216



ES65E

Accessories	Part No.	Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406
Replacement blade	ES65E	

AS 105 FHP / AS 120 FHP Hydraulic cutting tools with foot pump, 105 and 120 mm dia.

- ▶ Cuts copper and aluminum cables with light weight steel armouring (depending on cable type)
- ▶ Suitable for fine stranded cable and telecommunication cable
- ▶ Safe working due to high ground stability by double stops
- ▶ Extremely wide cutting range up to 120 mm dia., also for fine stranded cables

Characteristics

- Foot pump with two-stage hydraulics
- Open cutting head with quick coupling, under no pressure, rotates 360°
- Manual retraction in case of need and at high pressure end
- Hydraulic hose, 2 m



Technical data	
Cutting range	AS 105 FHP: max. 105 mm dia., AS120FHP: max. 120 mm dia.
Cutting force	AS105FHP: 74 kN, AS120FHP: 55 kN
Operating pressure	max. 700 bar
Weight	AS105FHP: 19.7 kg, AS120FHP: 20.7 kg

Item	Part No.	
Hydraulic cutting tool with foot pump 105 mm dia.	AS105FHP	
Hydraulic cutting tool with foot pump 120 mm dia.	AS120FHP	
Scope of supply		
Hydraulic hose, 2m	HS22	402
Steel carrying case	MKU	216

Accessories	Part No.	Page
Hydraulic hose, 3m	HS23	402
Hydraulic hose, 4m	HS24	402
Hydraulic hose, 5m	HS25	402
Hydraulic hose, 6m	HS26	402
Hydraulic hose, 8m	HS28	402
Hydraulic hose, 10m	HS210	402
Digital meter for force and pressure measurement	TC1U	406
Pressure sensor 1000 bar	TP1000	406
Replacement blade	ES105E	
Replacement blade	ES120E	



ES105E



ES120E

SSG Hydraulic safety cutting unit with foot pump up to max. 105 mm dia.



Klauke® safety cutter

- ▶ BG-tested safety cutting unit guarantees safe cuts of live copper and aluminum cables without steel armouring up to a rated voltage of 60 kV
- ▶ Single-conductor lives cables without steel armouring can be cut under voltage of up to 110 kV/60 Hz

Characteristics

- Cutting head with quick coupling, 360° rotatable
- Two-stage hydraulics
- Manual retraction in case of need and at high pressure end
- Safety high-pressure hose, 10 m

Technical data	SSG65	SSGG85	SSG105	SSGG105
Head type	open (SSK65)	closed (SSK85)	open (SSK105)	Closed (SSGG105)
Cutting range	max. 65 mm dia. (depending on cable type)	max. 85 mm dia. (depending on cable type)	max. 105 mm dia. (depending on cable type)	max. 105 mm dia. (depending on cable type)
Operating pressure	625 bar	625 bar	625 bar	625 bar
Hydraulic oil	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11
Weight	16.0 kg	16.0 kg	19.0 kg	19.0 kg
Ambient temperature	-20°C to +40 °C	-20°C to +40 °C	-20°C to +40 °C	-20°C to +40 °C



SSK65



SSK85



SSK105



SSKG105

Item	Part No.
Hydraulic safety cutting unit with foot pump max. 65 mm dia.	SSG65
Hydraulic safety cutting unit with foot pump max. 85 mm dia.	SSGG85
Hydraulic safety cutting unit with foot pump max. 105 mm dia.	SSG105
Hydraulic safety cutting unit with foot pump max. 105 mm dia.	SSGG105

Scope of supply	Part No.	Page
Safety/hydraulic hose, 10 m		
Earthing kit	EG1	
Steel carrying case	MKSSG	

Accessories	Part No.	Page
Heat protection cover 1.80 m x 1.80 m	HSD1	
Heat protection cover 1.20 m x 0.90 m	HSD2	
Heat protection cover 0.45 m x 0.60 m	HSD3	

Replacement blade for	SSG65	SSGG85	SSG105	SSGG105
ES65E	•			
ES105E			•	
ESG85EF1		•		
ESG85ES1		•		
ESG105EF				•
ESG105ES				•

ESSG Battery powered hydraulic safety cutting units up to max. 105 mm dia.

- ▶ BG-tested safety cutting unit guarantees safe cuts of live copper and aluminum cables without steel armouring up to a rated voltage of 60 kV
- ▶ Single-conductor lives cables without steel armouring can be cut under voltage of up to 110 kV/60 Hz
- ▶ Powerful 3.3 Ah Li-Ion battery

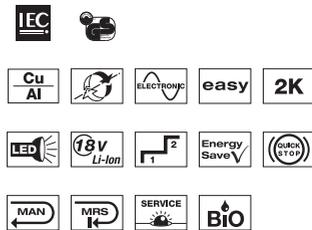
Characteristics

- 2-stage hydraulic system with fast feed and power stroke
- Quick motor stop for high user safety
- Electronic control
- Multifunction LED for maintenance control and charging display of the battery
- LED display for service interval after 250 cuts
- 10 m non-conducting high-pressure hose with a coupling to connect to pump ESSG-L



Klauke® safety cutter

Technical data	ESSG65I	ESSGG85L	ESSG105L
Head type	open (SSK65)	closed (SSKG85)	open (SSK105)
Cutting range	max. 65 mm dia. (depending on cable type)	max. 85 mm dia. (depending on cable type)	max. 105 mm dia. (depending on cable type)
Cutting force	35 kN	60 kN	80 kN
Cutting time	approx. 21 s 40 s	approx. 21 s 40 s	approx. 21s 40 (depending on cable sizes)
Operating pressure	625 bar	625 bar	625 bar
Battery voltage	18 V	18 V	18 V
Battery capacity	3.3 Ah, Li-Ion	3.3 Ah, Li-Ion	3.3 Ah, Li-Ion
Charging time	60 min.	60 min.	60 min.
Hydraulic oil	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11
Weight	10.12 kg	9.98 kg	13.13 kg
Ambient temperature	-20°C to +40 °C	-20°C to +40 °C	-20°C to +40 °C



Item	Part No.
Battery powered hydraulic safety cutting unit, max. Ø 65 mm	ESSG65L
Battery powered hydraulic safety cutting unit, max. Ø 85 mm	ESSGG85L
Battery powered hydraulic safety cutting unit, max. Ø 105 mm	ESSG105L

Scope of supply	Part No.	Page
Battery 18 V / 3.3 Ah, Li-Ion (54 Wh)	RAL3	398
Charger for 18 V Li-Ion batteries	LGL3	401
Plastic case for ESSG65L and ESSG105L	KKESSGL	
Plastic case for ESSGG85L	KKESSGG85L	
Earthing kit	EG1	

Accessories	Part No.	Page
Heat protection cover 1.80 m x 1.80 m	HSD1	394
Heat protection cover 1.20 m x 0.90 m	HSD2	394
Heat protection cover 0.45 m x 0.60 m	HSD3	394
USB adapter	PGA1	408

Replacement blade for	ESSG65L	ESSGG85L	ESSG105L
ES65E	•		
ES105E			•
ESG85EF1		•	
ESG85ES1		•	



SSK65



SSKG85



SSK105

Power packs, hoses and more for your tools.

Accessories for hydraulic tools.

The accessories for our hydraulic tools give you greater flexibility when using Klauke tools. Additional operating components, as well as high-pressure hoses in various lengths, permit individual system solutions. The NG2 power supply unit turns every 18 V tool into a mains-powered tool in no time.

The new generation of batteries for our tools offers a great number of benefits. At 18 V rated voltage and a capacity of 3.0 Ah, these batteries offer 50% more energy than predecessor models for even more crimping and cutting operations. They are also much lighter, and thanks to Li-ion technology, there's no memory effect during charging and discharging. Due to a minimum self-discharge of the batteries, the tools are practically always ready for use.



The power packs in NG2/230 and NG2/115 are capable of operating all tools in the Klauke® mini+, Klauke® ultra, Klauke® ultra+ and Klauke® multi series.

- Batteries and chargers for Klauke hydraulic tools.
- Power packs for 115 V and 230 V.
- Hand and foot control units.
- Hoses, sleeves, connectors and nipples.

RAM 2 Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)

Characteristics

- For battery operated hydraulic tools of Klauke-Mini Series
- Environmentally friendly by NiMH technology

Technical data	
Battery voltage	9.6 V
Battery capacity	2.0 Ah, NiMH
Charging time	With LG4F: 40 min., with LG5: 15 min.
Cell technology	NiMH
Weight	0.4 kg
Item	Part No.
Battery 9.6 V / 2.0 Ah, NiMH (19.6 Wh)	RAM2



RAM 3 Battery 9.6 V / 3.0 Ah, NiMH (28.8 Wh)

Characteristics

- For battery operated hydraulic tools of Klauke-Mini Series
- Environmentally friendly by NiMH technology
- High battery capacity

Technical data	
Battery voltage	9.6 V
Battery capacity	3.0 Ah
Charging time	With LG4F: 40 min., with LG5: 15 min.
Cell technology	NiMH
Weight	0.5 kg
Item	Part No.
Battery 9.6 V / 3.0 Ah, NiMH (28.8 Wh)	RAM3



RA 5 Battery 12 V / 3.0 Ah, NiMH (36 Wh)

Characteristics

- Compatible with all Klauke 12 V battery powered hydraulic tools
- Environmentally friendly by NiMH technology
- High battery capacity

Technical data	
Battery voltage	12 V
Battery capacity	3.0 Ah
Charging time	With LG4F: 40 min., with LG5: 15 min.
Ambient temperature	-20°C to +40 °C
Cell technology	NiMH
Weight	0.6 kg
Item	Part No.
Battery 12 V / 3.0 Ah, NiMH (36 Wh)	RA5



RAL 1 Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)



Characteristics

- For battery powered hydraulic tools of Klauke-Mini+ Series
- No memory effect
- Extremely low self-discharge
- Light weight (40% lighter than comparable NiMH batteries)

Technical data	
Battery voltage	18 V
Battery capacity	1.3 Ah
Charging time	With LGL1: 15 min.
Cell technology	Li-Ion
Weight	0.4 kg
Item	Part No.
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1

RAL 2 Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)



Characteristics

- For battery powered hydraulic tools of Klauke-Mini+, Klauke Ultra, Klauke Ultra+ and Klauke Multi Series
- No memory effect
- Extremely low self-discharge
- Light weight (40% lighter than comparable NiMH batteries)

Technical data	
Battery voltage	18 V
Battery capacity	3.0 Ah
Charging time	With LGL1: 22 min.
Cell technology	Li-Ion
Weight	0.6 kg
Item	Part No.
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2

RAL 3 Battery 18 V / 3.3 Ah, Li-Ion (54 Wh)



Characteristics

- For safety cutting units
- No memory effect
- Extremely low self-discharge
- Light weight (40% lighter than comparable NiMH batteries)

Technical data	
Battery voltage	18 V
Battery capacity	3.3 Ah
Charging time	With LGL3: 60 min.
Ambient temperature	-20°C to +40 °C
Cell technology	Li-Ion
Weight	0.6 kg
Item	Part No.
Battery 18 V / 3.3 Ah, Li-Ion (54 Wh)	RAL3

NG2 Mains adapter 18 V for 120 V resp. 230 V mains voltage

Suitable for

- All Klauke tools with 18 V all-mains sets

Characteristics

- Temperature protection
- Current limiter
- Overload protection 250 V
- Cable lengths: 5 m



Technical data	
Mains supply	120 V / 230 V
Voltage range	18 V
Weight	0.8 kg
Item	Part No.
18 V mains adapter for 120 V Voltage	NG2115
18 V mains adapter for 230 V Voltage	NG2230

LG 4 F Charger for NiCd and NiMH batteries

Characteristics

- For all Klauke 9.6 V and 12 V batteries

Technical data	
Charging time	40-60 min.
Ambient temperature	-20°C to +40 °C
Mains supply	AC: 230 V
Voltage range	7.2V / 9.6V / 12V / 14.4V DC
Weight	0.5 kg
Item	Part No.
Charger for NiCd and NiMH batteries	LG4F



LG 5 Quick charger for NiCd and NiMH batteries

Characteristics

- For all Klauke 9.6 V and 12 V batteries

Technical data	
Charging time	NiCd: 10 - 60 min, NiMH: 20 - 30 min.
Mains supply	AC: 230 V
Voltage range	7.2V / 9.6V / 12V / 14.4V DC
Weight	1.3 kg
Item	Part No.
Quick charger for NiCd and NiMH batteries, 230 V mains power	LG5



LG 6 Car charger 12 V for NiCd and NiMH batteries



Characteristics

- For all Klauke 9.6 V and 12 V batteries
- Connection to car cigarette lighter

Technical data	
Charging time	NiCd: 45 - 70 min, NiMH: 45 - 75 min.
Mains supply	AC: 12 V
Voltage range	7.2V / 9.6V / 12V / 14.4V DC
Weight	0.6 kg
Item	Part No.
12V car charger for NiCd and NiMH batteries	LG6

LGL 1 Quick charger for 18V Li-Ion-Batteries



Characteristics

- For all Klauke Li-Ion Batteries with 18 V

Technical data	
Charging time	With RAL1: 15 min., with RAL2: 22 min.
Mains supply	230 V AC
Voltage range	18 V
Weight	1.0 kg
Item	Part No.
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1

LGL 2 Car charger 12 V for 18 V Li-Ion batteries



Characteristics

- For all Klauke Li-Ion Batteries with 18 V
- Connection to car cigarette lighter

Technical data	
Charging time	With RAL1: 15 min., with RAL2: 22 min.
Mains supply	12 V
Voltage range	18 V
Weight	1.0 kg
Item	Part No.
12V car charger for 18V Li-Ion batteries	LGL2

LGL 3 Charger for 18 V Li-Ion batteries

Characteristics

- For 18 V / 3.3 Ah Li-Ion batteries
- Charger for safety cutting unit batteries

Technical data	
Charging time	60 min.
Mains supply	220 - 240 V
Voltage range	18 V
Weight	0.6 kg
Item	Part No.
Charger for 18 V Li-Ion batteries	LGL3



TW 50 / TW EHP 3 Transport trolley for electro-hydraulic pumps

Characteristics

- For electro hydraulic pumps EHP2 and EHP3
- Weight: TW50 - 11.1 kg / TWEHP3 - 12 kg

Item	Part No.
Transport trolley for electro-hydraulic pump EHP 2	TW50
Transport trolley for electro-hydraulic pump EHP 3	TWEHP3



TW 150 Transport trolley for electro-hydraulic pump EHP 4

Characteristics

- Weight: 8.7 kg

Item	Part No.
Transport trolley for electro-hydraulic pump EHP 4	TW150



FTA 3 / FTA 4 Two-hand safety control for hydraulic pumps



Characteristics

- For pumps: EHP 2, EHP 3, EHP 4 and AHP 700-L
- Connecting cable, 10 m

Item	Part No.
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3
Two-hand safety control for battery powered hydraulic pump AHP 700-L	ZST4

FTA 1 / FTA 4 Foot switch for pumps



Characteristics

- For pumps: EHP 2, EHP 3, EHP 4, HK 12/2 EL, AHP 700-L
- Connecting cable FTA 1: 10 m, FTA 4: 5 m

Item	Part No.
Foot switch for electro-hydraul. pumps EHP 2 to EHP 4 and HK 12/2 EL	FTA1
Foot switch for battery powered hydraulic pump AHP 700-L	FTA4

T 15 Special hydraulic oil



Characteristics

- For all hydraulic pumps, exception: safety cutting units
- Environmentally-friendly hydraulic oil, quickly biodegradable
- 5 l canister

Item	Part No.
Special hydraulic oil	T15

HS 2 Hydraulic hoses



Suitable for

- For hydraulic crimping and cutting systems and pumps
- For connecting to hydraulic pumps FHP 2, PHD 2, EHP 2, EHP 3, EHP 4, HK12/2 EL, HK 25/2 EL, AS 65 FHP, AS 105 FHP, HK 25/2, HK 45

Item	Part No.
Hydraulic hose, 2m	HS22
Hydraulic hose, 3m	HS23
Hydraulic hose, 4m	HS24
Hydraulic hose, 5m	HS25
Hydraulic hose, 6m	HS26
Hydraulic hose, 8m	HS28
Hydraulic hose, 10m	HS210

HS OEL Hydraulic hoses, oil filled

Characteristics

- For battery powered hydraulic pump AHP 700-L

Order info

- Also available in country-specific version, part number appendix "C"

Item	Part No.
Hydraulic hose, 2m, oil filled	HSOEL2
Hydraulic hose, 3m, oil filled	HSOEL3
Hydraulic hose, 4m, oil filled	HSOEL4
Hydraulic hose, 5m, oil filled	HSOEL5
Hydraulic hose, 6m, oil filled	HSOEL6
Hydraulic hose, 8m, oil filled	HSOEL8
Hydraulic hose, 10m, oil filled	HSOEL10



KST 2 Coupler plug

Characteristics

- For hydraulic crimping and cutting systems and pumps
- Including adapter
- Suitable for connecting to hydraulic hoses HS2

Item	Part No.
Coupler plug	KST2



KMF 1 Coupler for crimping and cutting heads

Characteristics

- KMF 1: For connecting to hydraulic crimping/cutting heads: PK 18, PK 22, PK 120/42, PK 120 U, PK 25/2, PK 45, PK 60 VP, PK 60 VP/FT, PK 60 UNV, THK 18, THK 22, THK 120, SDG 45, SDG 50, SDG 55, SDG 85/2, SDG 105, SDK 65, SDK 85, SDK 105, SDK 120
- Includes barrel nipple
- With 1/4" connection (external thread)

Item	Part No.
Coupler for crimping and cutting heads with barrel nipple	KMF1



DNP 2 Barrel nipple

Characteristics

- To connect and to extend hydraulic hoses HS 2

Item	Part No.
Barrel nipple	DNP2



HTA 4 Remote control for hydraulic pump



Characteristics

- For battery powered pump AHP 700-L

Item	Part No.
Remote control with 1.5 m cable	HTA4

Guarantee quality, by tool check.

Force and pressure measuring systems for hydraulic crimping tools.

Klauke hydraulic tools meet the highest quality standards. To maintain this guarantee, frequently used tools and drive units in particular must be inspected on a regular basis. With its various sensors and adapters, the TC 1U is a powerful system for measuring force and pressure.

In enterprises that have a distinct quality management system, in the engineering technology sector for example, customers often expect proof of the tools' actual crimping forces. This Klauke measuring system offers the facility of measuring and documenting the required values on-site.



- Measuring systems for inspecting hydraulic tools and drive units.
- For inspection and documentation under the quality management system.



TC 1 U Digital meter for force and pressure measurement



Characteristics

- Optional: Measuring adapter for measuring the crimping force
- Illuminated LCD display
- Memory for 1 mil. measured values
- USB interface

Item	Part No.	
Digital meter for force and pressure measurement	TC1U	
Scope of supply	Part No.	Page
Switched-mode power supply with international plug adapter EU, UK, US, AUS from 115 V to 230 V	TCCUNI	
Plastic case	KKTC1B	

Measuring Adapter	Tool Series	Required sensor	Part No.	Page
	Measuring adapter, series 50	TF70L	MA50	
	Measuring adapter, series 4	TF70L	MA4	
	Measuring adapter, series 5	TF70L	MA5	
	Measuring adapter, series 18	TF70L	MA18	
	Measuring adapter, series 22	TF70L	MA22	
	Measuring adapter VP	TF70L	MAVP	
	Measuring adapter, series 13	TF130L	MA120	

TF force sensors for measuring the crimping force



Characteristics

- For connecting to TC 1 U with appropriate measuring adapter

Item	Part No.
Force sensor, 70 kN	TF70L
Force sensor, 130 kN	TF130L

TP 1000 / TPC 15 Pressure sensor and connecting cable for measuring oil pressure up to 1000 bar



Characteristics

- For connecting to TC 1 U

Item	Part No.
Pressure sensor 1000 bar	TP1000
Connection cable for pressure sensor TP 1000	TPC15

Intelligent recording - *i-press*®

quality control via software.



Our "Safety Plus" battery powered hydraulic crimping tools are set apart mainly by their intelligent additional functions. The technical highlight is the "Intelligent Pressing System" with integrated pressure sensor which permanently monitors the hydraulic crimp force of every crimping operation. The tools signal deviations from the specified crimping pressure or operating faults with a warning beep and flashing LEDs. For the user this means maximum safety at every single crimping operation. The PGA1 USB Adapter and i-press evaluation software make the "Safety Plus" model series even more intelligent and working with these tools even safer.

The PGA1 USB Adapter and i-press evaluation software allow you to read data from the tools and transmit it to a computer. The i-press software checks the quality of each and every crimping option and provides proof of such quality

to the customer. It is also possible to request further performance parameters, such as the number of crimps, the current consumption in Ah or the operating time.

The i-press software is available in German, English, French and Spanish and can be downloaded from our website free of charge.

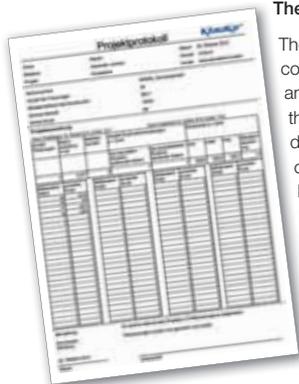
All Safety Plus tools are factory-fitted as standard with an optical interface which enables the crimping operation to be read out from a PC or laptop.



The operating mode is very simple:

The recording head is linked to a computer via a USB port. All crimping and machine data are transferred from the tool to the computer and the test certificate indicating date and time is displayed as a pdf document. This is how you record the trouble-free function of the tool. User errors, such as premature stopping and retraction of the hydraulics or other faults that could prevent correct crimps are displayed. You can then print out the test report. Because the system uses the realtime clock of the connected computer, the test reports are recognised by QA systems.

There is also the option of programming individual projects into the tool and creating project-related reports.



PGA 1 USB Adapter



- ▶ Easy connection to PC via USB interface
- ▶ Free download of "ipress" software via www.klauke.com
- ▶ Statistical evaluation of average crimping process of battery powered hydraulic crimping tools

Characteristics

- Documentation of trouble-free function of battery powered hydraulic crimping tools using "Intelligent Pressing System" - IPS
- Statistical evaluation of crimping process
- Suitable to read data from Klauke product line "Generation Safety Plus" and the previous models with multifunction LED
- Transmission of crimping and machine data of tool on the computer
- Test certificate as PDF document with display of date and time

Technical data

System requirements	From Windows XP
Version	USB 2.0
Length	1.80 m (USB-Kabel)
Weight	315 g
Item	Part No.
USB adapter	PGA1