THE LITTLE CRIMPING EXPERT -BATTERY-POWERED HYDRAULIC CRIMPING TOOL (10.8 V)

We have made performance easy: The Klauke mini is lightweight yet powerful. The Klauke mini's practical dimensions make it the ideal solution for confined areas, in panel building for instance. A convenient expert for crimp to 150 mm² nominal cross-section.



Pure performance without frills

The Klauke mini concentrates on its core task: reliable crimping. Even without pressure sensor and display, the little expert does its job well - no fuss or quibble.

▶ Usage time at a glance

Read the charge level at any time from the powerful 10.8 V battery.

All-round crimping

How can confined areas be easily reached? With crimping heads rotating through 360°.





EK 30 ID ML Battery powered hydraulic crimping tool 6 - 120 mm²



2



- > Powerful 10.8 V Li-Ion battery technology with battery charge indicator
- > Indent crimping no change of crimping dies required

Characteristics

- Closed head, flip top style, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft lining
- Effortless working thanks to low weight
- Automatic retraction when operation is complete
- Maintenance display via LED

Suitable for

- Very well suited for compacted conductors
- Especially for fine strand conductors to DIN EN 60228

| Technical data | | | | | |
|---|------------------------|--|--------------------|------------------|-------|
| Crimping force | 30 kN | | | | |
| Stroke / opening width | 22 mi | n | | | |
| Crimping range | 6 - 12 | 20 mm² | | | |
| Crimping cycle | 2,5 s | up to 5 s (depei | nding on crimp | o cross-section) | |
| Charging time | 40 mi | n. | | | |
| Weight incl. battery | 1.95 | <g< td=""><td></td><td></td><td></td></g<> | | | |
| Ambient temperature | -10 °(| C up to +40 °C | | | |
| Item | | | | Part No. | |
| Battery powered hydrau | lic crimping too | l 6 - 120 mm² | | EK30IDML | |
| Scope of supply | | | | | |
| Battery 10.8 V / 1.5 Ah, I | _i-lon (16.2 Wh |) | | | RAML1 |
| Charger for 10.8 V Li-lon | batteries, 230 | V | | | LGML1 |
| Plastic case | | | | | KKML |
| Suitable for | Connection material | Crimping range mm ² | Crimp profile | | |
| Copper tubular cable lug | s and connecto | ors | | | |
| Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections | ø | 6 - 120 | \bigtriangledown | | |
| Tubular cable lugs and connectors for fine stranded conductors | | 6 - 120 | \bigtriangledown | | |
| Terminals, connectors an | nd pin terminals | s acc. to DIN, co | opper | | |
| Solderless terminals (DIN 46234), connec- tors (DIN 46341) and pin terminals (DIN 46230) | I | 6 - 95 | \bigtriangledown | | |

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





- Long service life thanks to robust head
- > Optimum crimping due to parallel guided crimping dies
- Effortless operations thanks to low weight
- ▶ Powerful 10.8 V Li-lon battery technology with battery charge indicator

Characteristics

- Open head, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft lining
- Simple and safe: Automatic retraction when operation is complete
- Maintenance display via LED

Suitable for

50-series interchangeable dies

| Те | chr | lical | data | |
|----|-----|-------|------|--|
| - | | | - | |

| roominour uutu | | | |
|--------------------------------|--|----------|------|
| 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. 230 at 10 mm² Cu | | |
| Battery voltage | 10.8 V | | |
| Battery capacity | 1.5 Ah, Li-Ion | | |
| Charging time | approx. 40 min. | | |
| Weight incl. battery | 1.5 kg | | |
| Ambient temperature | -10 °C up to +40 °C | | |
| ltem | | Part No. | |
| Battery powered hydraulic c | rimping tool 0.14 - 50 mm ² | EK1550ML | |
| Scope of supply | | Part No. | Page |
| Battery 10.8 V / 1.5 Ah, Li-lo | on (16.2 Wh) | RAML1 | 485 |
| Charger for 10.8 V Li-lon bat | tteries, 230V | LGML1 | 487 |
| Plastic case | | KKML | |
| | | | |



Available dies for Series 50 for EK 15/50 ML

| 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 | (S) | 0.75 - 10 | \bigcirc | 312 |
| Tubular cable lugs, Cu, standard type | T | 6 - 25 | | 312 |
| Tubular cable lugs and connectors for solid conductors, Cu | 0 C | 1.5 - 10 | | 312 |
| Compression cable lugs and connectors acc. to DIN - Cu | | | | |
| Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) | DIN | 6 - 25 | | 312 |
| Terminals, connectors and pin terminals acc. to DIN - Cu | | | | |
| Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu | e | 0.5 - 10 | \bigtriangledown | 312 |
| Insulated solderless terminals and connectors | J | 10 - 16 | \bigcirc | 313 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 0.14 - 50 | | 312 |
| Cable connections, insulated and non-insulated | | | | |
| Insulated cable connections, single crimping | | 0.5 - 16 | \bigcirc | 313 |
| Insulated cable connections, double crimping | | 0.1 - 6 | \bigcirc | 313 |
| Non insulated receptacles | | 0.25 - 6 | \bigcirc | 313 |
| for pin and shielded receptacles, BNC connectors for coax cables RG 58, 59, 60 and 71 | | | | 313 |
| Turned pin connectors, pin receptacles | | 0.1 - 4 | | 313 |

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





- Closed head, flip top style, rotatable

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

- Simple and safe: One-button operating concept for controlling all tool functions

Powerful 10.8 V Li-lon battery technology with battery charge indicator

- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft grips
- Effortless working thanks to low weight
- Simple and safe: Automatic retraction when operation is complete
- Maintenance display via LED

Suitable for

- 4-series interchangeable dies, narrow crimping

| 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 crimp cross-section) | | |
| Number of crimps | approx. 145 at 120 mm ² Cu | | |
| Battery voltage | 10.8 V | | |
| Battery capacity | 1.5 Ah, Li-Ion | | |
| Charging time | approx. 40 min. | | |
| Weight incl. battery | 1.6 kg | | |
| Ambient temperature | -10 °C up to +40 °C | | |
| Item | | Part No. | |
| Battery powered hydraulic crim | ping tool 6 - 150 mm ² | EK354ML | |
| Scope of supply | | Part No. | Page |
| Battery 10.8 V / 1.5 Ah, Li-Ion (1 | 6.2 Wh) | RAML1 | 485 |
| Charger for 10.8 V Li-Ion batteries, 230 V | | LGML1 | 487 |
| Plastic case | | KKML | |
| Variants | | Part No. | Page |
| EK 35/4 ML with crimping die se | et HR 4 from 6 - 150 mm ² | EK354MLSETHR | |
| EK 35/4 ML with crimping die se | et HD 4 from 6 - 120 mm² | EK354MLSETHD | |





Available dies for Series 4 for EK 35/4 ML

| Suitable for | Connection material | Crimping range mm ² | Crimp profile | Page |
|--|---------------------|--------------------------------|--------------------|------|
| Copper tubular cable lugs and connectors | | | - PP | . 5 |
| Tubular cable lugs and connectors blue connection for compacted conductors acc. to DIN EN 60228 | blue connection | 6 - 150 | | 314 |
| Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections | | 6 - 150 | | 314 |
| Insulated cable lugs and compression joints, standard type, insulated pin terminals | | 10 - 70 | | 314 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 35 | \bigcirc | 315 |
| Tubular cable lugs and connectors for solid conductors | C C C C | 1.5 - 16 | | 315 |
| Tubular cable lugs and connectors, Ni, VA | | | | |
| Stainless steel tubular cable lugs and connectors | VA | 0.5 - 2.5 | \bigcirc | 315 |
| Stainless steel tubular cable lugs and connectors | VA | 4 - 16 | \bigtriangledown | 315 |
| Nickel tubular cable lugs and connectors | Ni | 0.5 - 2.5 | \bigtriangledown | 315 |
| Nickel tubular cable lugs and connectors | Ni | 4 - 16 | \bigtriangledown | 315 |
| Copper compression cable lugs and connectors to DIN | | | | |
| Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN | DIN | 6 - 120 | \bigcirc | 316 |
| Terminals, connectors and pin terminals acc. to DIN, copper | | | | |
| Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN | J | 6 - 35 | \bigcirc | 316 |
| Insulated solderless terminals and connectors | I | 10 - 16 | \bigtriangledown | 316 |
| Sleeves for compacted conductors and sector-shaped conductors, o | opper | | | |
| Pre-rounding dies for sector-shaped Al and Cu conductors | | 10 sm - 150 se / 120 sm | \bigcirc | 317 |
| Aluminium compression cable lugs and connectors acc. to DIN | | | | |
| Aluminium compression cable lugs and connectors to DIN | Al/Cu | 10 - 70 rm/se, 16 - 95 re/se | \bigcirc | 317 |
| Aluminium/copper compression cable lugs and connectorsl | | | | |
| Aluminum side of aluminum/copper compression cable lugs and connectors: crimping dies HA4, copper side of aluminum/copper compression cable lugs and connectors: crimping dies HD4 | Al/Cu | 10 - 70 rm/se, 16 - 95 re/se | \bigcirc | 317 |
| Clamps | | | | a= |
| Clamps, C-type | G | 4 - 35 | \bigcirc | 317 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 10 - 50 | \square | 317 |
| Twin cable end-sleeves | | 2 x 4 - 2 x 16 | | 318 |
| Twin cable end-sleeves for fine stranded conductors | | 2 x 4 - 2 x 16 | \Box | 318 |
| | - | | | |

THE NEW STANDARD -KLAUKE NEXT GENERATION CRIMPING TOOLS

To guarantee the quality, you can check the tool data from the display or via i-press® app at any time. You can easily make this information available to your customers as project documentation at the touch of a button. The balanced design ensures effortless and continuously high-quality operations up to the end of each working day.



In brief

- Selectable battery platform: with Bosch or Makita
- > Proof of quality can be created via Bluetooth
- Ensure tool availability: Read the tool properties from the display or via the app
- Effortless operations thanks to modern, ergonomic design

Interested in Klauke Next Generation tools? Then take a look at our Multi universal tool on Page 467 >> $\!\!>$



Making work easier

Klauke tools guarantee effortless operations: The "mini" impresses through its low weight and the pistol shape thanks to the balanced centre of gravity

- Our compact "mini" is just perfect for confined areas
- The 2-stage hydraulic system ensures fast operations with fast feed and power stroke (pistol shape)
- Especially impressive and reliable: The one-button control concept for all tools with automatic retraction
- The ARS function (Automatic Retraction Stop) stops the automatic retraction when a crimp is complete through a fully-automated process

Guarantees quality

- All relevant tool data immediately in view on the integrated display
- In case of a fault, you are warned by a visual and audible signal from the tool
- Provide written proof of the quality of your work with i-press[®] - now simply and conveniently connect the tool to the computer via Bluetooth.



▶ i-press[®] software

Show your customers how well you work. Klauke Next Generation records your operations, and these can then be transmitted by Bluetooth. The free i-press® software uses these data to create for you, if you want, a project report - the proof of quality for your correct operations. You have control over your quality.

▶ i-press[®] app

Use the i-press[®] app to check and control your tool data on the go. Individual tool settings, such as the number of warning tones for an incorrect crimp or the double-click function for increased user safety, help make your day-to-day work simpler and more reliable - just as you need it.

The i-press[®] app can be found at: www.klauke.com/en/service/downloads/ connectivity-software/





2

THE I-PRESS[®] APP AT A GLANCE

Compact and available at all times: Your smartphone becomes the tool's nerve centre, simplifying your daily work routine – free-of-charge, guaranteed.

Made easy: Your Next Generation tool connects to the i-press® app via Bluetooth - you can now use the comprehensive range of functions.

Read the important tool information from the display and start new projects. All the information about your crimping operations is saved from now on. When the project is complete, an overview can be printed out, saved or submitted in the form of a report.

TIP: When you register as a user, subscribe to the Klauke Newsletter – that way, you will always be up-to-date.



Keep an overview of all your tools even while on the go. and personalise your tool settings via the app.

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EASY TO OPERATE

Menu guidance function is easy and quick to understand thanks to the cascade function. You can start immediately, personalise your tool and use all the other functions.

| TUUL | INFORMATION |
|--------------------------------|---|
| Connected tool Tool profile | EK354CFM Single-click |
| Serial number | 000000000000000000000000000000000000000 |
| Firmware | 3.66 |
| Last service | 18.01.2018 |
| | 500 548 |
| | 500 548 500 524 |
| | |
| | 500 524 |

CREATING AND TRACKING PROJECTS

The last 5 pressure values, the device temperature or the remaining operations – all important information can be easily read off.

| ← | K : |
|--|--|
| PRC | DJECT |
| Connected tool Tool profile | EK354CFM Single-click |
| NAME OF THE PROJECT APPE | ARS HERE ONCE ENTERED |
| Name/Employee Project name | John Doe |
| Last active tool Start time End time Number of operations Pressure not reached Pressure reached Total number of operations | 00000000000000000000000000000000000000 |
| Comments | |
| LOGGED DATA CHECK-IN | EVALUATION CLOSE PROJECT |

DOCUMENTING AND ARCHIVING

When a project is closed, an overview containing all the pressure values is generated. You can use this as documentary proof and for archiving purposes.

| | PROJECT REPORT Data captured on 22.01.2018 5 John Dae Company | 4.21 hrs. | Ķlā | uKe® sytaac |
|---|--|--|---|------------------------|
| | Project name) Processed by . | | | |
| | Start time: 12.01.2018, 08:58 | hrs. | End time: 22.01.2018, 153 | 22 hrs. |
| | Overview data for complete p | roject | | |
| | All used tools | 00000000000 | Total number of operations Pressure reached Pressure not reached | 23 19 4 |
| ATTACHN Data logged on John Doe Com | Data captured Tool 1 Used device Serial number of device Last service | ES105CF8 080000012584687 24.11.2017 | Total number of operations Pressure reached Pressure not reached Total number of operations with too | 12 12 0 31268 |
| Project Proces | For detailed operations, see Attachmen | 4 | | |
| Operation Pressure Total | Data captured Tool 2 Used device Serial number of device Last service | E590CF8 080000012567854 24.11.2017 | Total number of operations Pressure reached Pressure not reached Total number of operations with too | 4 0 4 (22526 |
| Section constants 10 500 17 500 17 500 17 500 17 500 18 900 19 500 19 500 19 500 19 500 19 500 10 500 11 500 10 500 10 500 10 500 10 500 10 500 10 500 10 500 10 500 10 500 10 500 10 500 | es vel mos et odi cum fuga. Peri | if any others are in use) porerup taquame corse natquatur ore non re lam, ommolestem que n | sinti toritus tisseque dit quam fugitati usaas aut et ant exero tem fuga. Alige Lus sum reribustils am, sapitat quiater | nita qui aut que nobis |
| Neal 2: Secial number Near na. 4 600 | PROJECT LOG OF 22.01.2018 14:21 | Project ro | ame XVZ | Page 1 of |
| 3 80 2 562 1 1 566 1 0 89 1 0 89 1 0 89 1 | | | | |
| | | Project name XYZ | P | |

Make the most of it – make your day-to-day operations more effective, more ergonomic and more innovative

- Get an overview of your tool data
- Plan your maintenance schedule
- Minimise your downtimes
- Increase availability and service life with regular maintenance and inspections
- Helps you organise your work
- Create projects based on installation and building plans
- Document and archive every single crimp in one report
- Proof of your daily activitiesen



Reads out all tool data, so you can check the tool status. i-press[®] also gives you proof of quality assessment in the form of a project report. i-press[®] is a Desktop application which you can download free-of-charge from the Klauke website.

The new i-press software can be found at www.klauke.com/ de/support/download/connectivity-werkzeugdaten-auslesen/ 2

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







- ► Large cross section range up to 150 mm²
- Slim crimping head ideal when space is critical
- > All tool data in view thanks to display and i-press® app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, flip top style, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Simple and safe: Automatic retraction when operation is complete
- Effortless working thanks to low weight
- LED for work area illumination
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 4-series interchangeable dies, narrow crimping

| 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 o | n crimp cross-se | ction) | |
| Charging time | 15 min. | | | |
| Weight incl. battery | 2.4 kg | | | |
| Ambient temperature | -10 °C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic crimp | ing tool 6 - 150 mm² | EK354CFB | EK354CFM | |
| Scope of supply | | | | Page |
| Bosch battery 18 V / 2.0 Ah, Li-Ion | | RALB1EU | | 484 |
| Bosch quick-charger for 18 V Li-lon battery | | LGLB1EU | | 486 |
| Makita battery 18 V / 1.5 Ah, Li-lo | on | | RAL1 | 483 |
| Makita quick-charger for 18 V Li- | lon battery | | LGL1 | 486 |
| Plastic case | | KK50NG | KK50NG | |
| Accessories | | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li-lo | n | RALB2EU | | 485 |
| Makita battery 18 V / 3.0 Ah, Li-lo | on (54 Wh) | | RAL2 | 483 |
| Variants | | | | Page |
| L-BOXX with battery powered cri 6 - 150 mm ² | mping tool EK354CFB, | LBOXXEK354CFB | | 203 |
| L-BOXX with battery powered cri 6 - 150 mm ² | mping tool EK354CFM, | | LBOXXEK354CFM | 203 |



Available dies for Series 4 for EK 35/4

| Suitable for | Connection material | Crimping range mm ² | Crimp profile | Page |
|--|---------------------|--------------------------------|--------------------|------|
| Copper tubular cable lugs and connectors | | | | |
| Tubular cable lugs and connectors blue connection for compacted conductors acc. to DIN EN 60228 | blue connection | 6 - 150 | \bigcirc | 314 |
| Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections | Í | 6 - 150 | \bigcirc | 314 |
| Insulated cable lugs and compression joints, standard type, insulated pin terminals | | 10 - 70 | \bigcirc | 314 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 35 | \bigtriangledown | 315 |
| Tubular cable lugs and connectors for solid conductors | O | 1.5 - 16 | | 315 |
| Tubular cable lugs and connectors, Ni, VA | | | | |
| Stainless steel tubular cable lugs and connectors | VA | 0.5 - 2.5 | \bigtriangledown | 315 |
| Stainless steel tubular cable lugs and connectors | VA | 4 - 16 | \bigtriangledown | 315 |
| Nickel tubular cable lugs and connectors | Ni | 0.5 - 2.5 | \bigtriangledown | 315 |
| Nickel tubular cable lugs and connectors | Ni | 4 - 16 | \bigtriangledown | 315 |
| Copper compression cable lugs and connectors to DIN | | | | |
| Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN | DIN | 6 - 120 | \bigcirc | 316 |
| Terminals, connectors and pin terminals acc. to DIN, copper | | | | |
| Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN | e | 6 - 35 | \bigcirc | 316 |
| Insulated solderless terminals and connectors | | 10 - 16 | \bigtriangledown | 316 |
| Sleeves for compacted conductors and sector-shaped conductors, c | opper | | | |
| Pre-rounding dies for sector-shaped AI and Cu conductors | | 10 sm - 150 se / 120 sm | \bigcirc | 317 |
| Aluminium compression cable lugs and connectors acc. to DIN | | | | |
| Aluminium compression cable lugs and connectors to DIN | Al/Cu | 10 - 70 rm/se, 16 - 95 re/se | \bigcirc | 317 |
| Aluminium/copper compression cable lugs and connectorsl | | | | |
| Aluminum side of aluminum/copper compression cable lugs and connectors: crimping dies HA4, copper side of aluminum/copper compression cable lugs and connectors: crimping dies HD4 Clamps | Al/Cu | 10 - 70 rm/se, 16 - 95 re/se | \bigcirc | 317 |
| Clamps, C-type | | 4 - 35 | \bigcirc | 317 |
| Cable end-sleeves | _ | | _ | |
| Cable end-sleeves | | 10 - 50 | \square | 317 |
| Twin cable end-sleeves | C D | 2 x 4 - 2 x 16 | | 318 |
| Twin cable end-sleeves for fine stranded conductors | C D | 2 x 4 - 2 x 16 | \square | 318 |

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





- Very large crimping range to 240 mm² (tubular cable lugs only)
- All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, flip top style, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working thanks to low weight
- LED for work area illumination
- Simple and safe: Automatic retraction when operation is complete
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 5-series interchangeable dies, narrow crimping

| 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 crimp cross-section) |
| Charging time | 15 min. |
| Weight incl. battery | 2.4 kg |
| Ambient temperature | -10 °C up to +40 °C |

| Item | Part No. Bosch | Part No. Makita | |
|---|----------------|------------------------|------|
| Battery powered hydraulic crimping tool 6 - 240 mm ² | EK505CFB | EK505CFM | |
| Scope of supply | | | Page |
| Bosch battery 18 V / 2.0 Ah, Li-Ion | RALB1EU | | 484 |
| Bosch quick-charger for 18 V Li-lon battery | LGLB1EU | | 486 |
| Makita battery 18 V / 1.5 Ah, Li-Ion | | RAL1 | 483 |
| Makita quick-charger for 18 V Li-lon battery | | LGL1 | 486 |
| Plastic case | KK50NG | KK50NG | |
| Accessories | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li-Ion | RALB2EU | | 485 |
| Makita battery 18 V / 3.0 Ah, Li-Ion (54 Wh) | | RAL2 | 483 |
| Variants | | | Page |
| L-BOXX with battery powered crimping tool EK505CFB, $6\mathchar`240\ mm^2$ | LBOXXEK505CFB | | 203 |
| L-BOXX with battery powered crimping tool EK505CFM, $6\mathchar`-240\ mm^2$ | | LBOXXEK505CFM | 203 |

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K5 SERIE



Available dies for Series 5 for EK 50/5

| 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 DIN EN 60228 | blue connection | 6 - 185 | \bigcirc | 319 |
| Tubular cable lugs and connectors, Cu, standard type | Į | 6 - 240 | \bigcirc | 319 |
| Insulated tubular cable lugs and connectors, insulated pin terminals | | 10 - 95 | \bigcirc | 319 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 50 | \bigtriangledown | 320 |
| Compression cable lugs and connectors acc. to DIN - Cu | | | | |
| Cooper compression cable lugs (DIN 46235) and connectors (DIN 46267), part 1) Cu | DIN | 6 - 185 | \bigcirc | 320 |
| Terminals, connectors and pin terminals acc. to DIN - Cu | | | | |
| Solderless terminals (DIN 46234) and pin terminals (DIN 46230) | I | 10 - 50 | \bigcirc | 320 |
| Sleeves for compacted conductors and sector shaped conductors | s, Cu | | | |
| Pre-rounding crimping dies for Al and Cu sector shaped conductors | | 10 sm - 300 se / 240 sm | \bigcirc | 321 |
| Aluminum compression cable lugs and connectors acc. to DIN | | | | |
| Aluminum compression cable lugs and connectors acc. to DIN | Al | 10-150 rm/sm, 16-185 re/se | \bigcirc | 321 |
| Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182 | Aldrey | 25 - 95 | | 321 |
| Aluminum/copper compression cable lugs and connectors | | | | |
| Aluminum/copper compression cable lugs and connectors | Al/Cu | 10-150 rm/sm, 16-185 re/se | \bigcirc | 321 |
| Clamps | | | | |
| Clamps, C-type | G | 16 - 35 | \bigcirc | 321 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 10 - 95 | | 322 |
| Twin cable end-sleeves | - | 2 x 4 - 2 x 16 | | 322 |

EK 50/18 Battery powered hydraulic crimping tool 6 - 240 mm²







- For dies acc. to DIN 48083, sheet 1
- Fast crimp cycles due to Automatic Retraction Stop (ARS)
- > All tool data in view thanks to display and i-press® app

Characteristics

- All data can be easily read via Bluetooth
- Choose your battery system: Bosch or Makita
- Open head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working thanks to low weight
- LED for work area illumination
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 18-series interchangeable dies, narrow crimping

| Technical data | | | | |
|--|-----------------------------------|-------------------|-----------------|------|
| Crimping force | 50 kN | | | |
| Stroke / opening width | 17 mm | | | |
| Crimping range | 6 - 240 mm² | | | |
| Crimping cycle | 5 s to 6 s (depending o | on cross-section) | | |
| Charging time | 15 min. | | | |
| Weight incl. battery | 2.8 kg | | | |
| Ambient temperature | -10 °C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic crimp | ping tool 6 - 240 mm ² | EK5018CFB | EK5018CFM | |
| Scope of supply | | | | Page |
| Bosch battery 18 V / 2.0 Ah, Li-le | on | RALB1EU | | 484 |
| Bosch quick-charger for 18 V Li- | lon battery | LGLB1EU | | 486 |
| Makita battery 18 V / 1.5 Ah, Li- | lon | | RAL1 | 483 |
| Makita quick-charger for 18 V Li | -lon battery | | LGL1 | 486 |
| Plastic case | | KK50NG | KK50NG | |
| Accessories | | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li-le | on | RALB2EU | | 485 |
| Makita battery 18 V / 3.0 Ah, Li- | lon (54 Wh) | | RAL2 | 483 |
| Variants | | | | Page |
| L-BOXX with battery powered cr EK5018CFB, 6 - 240 mm ² | imping tool | LBOXXEK5018CFB | | 203 |
| L-BOXX with battery powered c EK5018CFM, 6 -240 mm ² | rimping tool | | LBOXXEK5018CFM | 203 |



Available dies for Series 18 for EK 50/18

| Refer to the limitations when crimping connectors in the technical | appendix. | | | |
|--|---------------------|--------------------------------|--------------------|------|
| Suitable for | Connection material | Crimping range mm ² | Crimp profile | Page |
| Copper tubular cable lugs and connectors | | | | |
| Tubular cable lugs, standard type, tubular cable lugs for switch- gear connections | (SP) | 6 - 240 | \bigcirc | 323 |
| Connectors, standard type | Ś | 6 - 95 | \bigcirc | 323 |
| Insulated tubular cable lugs and connectors, standard type, insulated pin terminals | | 10 - 95 | \bigcirc | 323 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 50 | \bigtriangledown | 323 |
| Tubular cable lugs and connectors for solid conductors | O | 1.5 - 16 | | 324 |
| Copper compression cable lugs and connectors to DIN | | | | |
| Compression cable lugs (DIN 46235) | | 6 - 185 | \bigcirc | 324 |
| Connectors DIN 46267 | DIN | 6 - 70 | \bigcirc | 324 |
| Terminals, connectors and pin terminals acc. to DIN, copper | | | | |
| Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN | I | 10 - 70 | \bigcirc | 324 |
| Insulated solderless terminals and connectors | | 10 - 50 | \bigtriangledown | 324 |
| Sleeves for compacted conductors and sector-shaped conductors, | copper | | | |
| Pre-rounding dies for sector-shaped Al and Cu conductors | | 10 sm - 300 se / 240 sm | \bigcirc | 325 |
| Aluminium compression cable lugs and connectors to DIN | | | | |
| Aluminium compression cable lugs and connectors to DIN | AI | 10-185 rm/sm, 16 - 240 re/se | \bigcirc | 325 |
| Aluminium connectors | Al | 6 - 70 | \bigcirc | 325 |
| Compression joints for full-tension connections of Aldrey-con- ductors DIN EN 50182 | Aldrey | 25 - 95 | \bigcirc | 325 |
| Aluminium/copper compression cable lugs and connectors | | | | |
| Aluminum side of aluminum/copper compression cable lugs and connectors: crimping dies A, copper side of aluminum/copper compression cable lugs and connectors: crimping dies D | Al/Cu | 10-185 rm/sm, 16 - 240 re/se | \bigcirc | 325 |
| Clamps Clamps, C-type | | | | 325 |
| טמוווף, ט-נאש | | 4 - 50 | \bigcirc | 320 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 10 - 95 | \square | 326 |
| Twin cable end-sleeves | C) | 2 x 4 - 2 x 16 | | 326 |
| Twin cable end-sleeves, trapezodial, for fine stranded conductors | - | 2 x 4 - 2 x 16 | \square | 326 |
| Cutting die | | | | |
| for cutting area | | 18 mm dia. | | 392 |

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







- Large crimping range up to 300 mm²
- > All tool data in view thanks to display and i-press® app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, flip top style, rotatable
- Quality assurance via visual and audible signals in case of error
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 22-series interchangeable dies, narrow crimping

| 60 kN | | | |
|--|---|--|--|
| 17.5 mm | | | |
| 6 - 300 mm ² | | | |
| 2 s (bei ARS) und 5 s (depending on crimp cross-section) | | | |
| 15 min. | | | |
| 3.0 kg | | | |
| -10 °C up to +40 °C | | | |
| | Part No. Bosch | Part No. Makita | |
| ing tool 6 - 300 mm² | EKM6022CFB | EKM6022CFM | |
| | | | Page |
| on | RALB1EU | | 484 |
| lon battery | LGLB1EU | | 486 |
| | KK50NG | | |
| on | | RAL1 | 483 |
| -lon battery | | LGL1 | 486 |
| | | KK50L | |
| | | | Page |
| on | RALB2EU | | 485 |
| on | | RAL40 | 484 |
| | | | Page |
| imping tool | LBOXXEKM6022CFB | | 203 |
| imping tool | | LBOXXEKM6022CFM | 203 |
| | 17.5 mm 6 - 300 mm ² 2 s (bei ARS) und 5 s (r 15 min. 3.0 kg -10 °C up to +40 °C ing tool 6 - 300 mm ² on lon battery on -lon battery on on | 17.5 mm 6 - 300 mm² 2 s (bei ARS) und 5 s (depending on crir 15 min. 3.0 kg -10 °C up to +40 °C Part No. Bosch ing tool 6 - 300 mm² EKM6022CFB on ALB1EU Ion battery LGLB1EU KK50NG on -lon battery Son RALB2EU on Battery LBOXXEKM6022CFB | 17.5 mm 6 - 300 mm² 2 s (bei ARS) und 5 s (depending on crimp cross-section) 15 min. 3.0 kg -10 °C up to +40 °C Part No. Bosch Part No. Makita ing tool 6 - 300 mm² EKM6022CFB EKM6022CFB EKM6022CFM on RALB1EU Ion battery LGLB1EU Ion battery LGLB1EU Ion battery LGL1 Ion battery LGL1 Ion battery LGL1 Ion battery LGL1 Ion battery RAL40 Ion battery EKM6022CFB |



Available dies for Series 22 for EKM 60/22

| Refer to the limitations when crimping connectors in the technical Suitable for | appendix. Connection material | Crimping range mm ² | Crimp profile | Page |
|---|----------------------------------|--------------------------------|--------------------|------|
| Copper tubular cable lugs and connectors | | | | Ū |
| Tubular cable lugs and connectors, blue connection® for compacted conductors acc. to DIN EN 60228 Class 2 | blue connection | 6 - 300 | | 328 |
| Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections | ø | 6 - 300 | \bigcirc | 327 |
| nsulated cable lugs and compression joints, standard type, nsulated pin terminals | | 10 - 150 | \bigcirc | 327 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 70 | \bigtriangledown | 328 |
| ubular cable lugs and connectors for solid conductors | O | 1.5 - 16 | \bigcirc | 328 |
| Tubular cable lugs and connectors, Ni, VA | | | | |
| Stainless steel tubular cable lugs and connectors | VA | 10 - 50 | \bigtriangledown | 328 |
| lickel tubular cable lugs and connectors | Ni | 10 - 50 | \bigtriangledown | 328 |
| Copper compression cable lugs and connectors to DIN | | | | |
| Copper compression cable lugs (DIN 46235) and connectors DIN 46267, part 1) acc. to DIN | | 6 - 300 | \bigcirc | 329 |
| ouble compression cable lugs | | 2 x 50 - 2 x 70 | \bigcirc | 329 |
| erminals, connectors and pin terminals acc. to DIN, copper | | | | |
| olderless terminals (DIN 46234), connectors nd pin terminals (DIN 46230) acc. to DIN | T | 10 - 70 | \bigotimes | 329 |
| nsulated solderless terminals | I | 10 - 70 | \bigotimes | 329 |
| Bleeves for compacted conductors and sector-shaped conductors, | copper | | | |
| re-rounding dies for sector-shaped AI and Cu conductors | | 10 sm - 300 se / 300 sm | \bigcirc | 330 |
| luminium compression cable lugs and connectors to DIN | | | | |
| luminium compression cable lugs and connectors to DIN | AI | 10 - 300 | \bigcirc | 330 |
| Compression joints connections for Aldrey-conductors DIN EN i0182, Al-conductors DIN EN 50182, 120 - 185 mm ² | Aldrey | 25 - 185 | \bigcirc | 330 |
| Compression joints DIN 48085, part 3 for aluminium/steel onductors DIN EN 50182, aluminium crimping | Al/St | 25/4 - 120/20 | \bigcirc | 331 |
| Compression joints DIN 48085, part 3 for aluminium/steel onductors DIN EN 50182, steel crimping | Al/St | 25/4 - 120/20 | \bigcirc | 331 |
| luminium/copper compression cable lugs and connectors | | | | |
| Numinum side of aluminum/copper compression cable lugs and connectors: crimping dies A22, copper side of aluminum/copper compression cable lugs and connectors: crimping dies D22 | Al/Cu | 10 - 300 | \bigcirc | 330 |
| Clamps | | | | |
| Clamps, C-type | B | 4 - 70 | \bigcirc | 331 |
| Clamps, H-type | F | 70 | \bigcirc | 331 |
| Cable end-sleeves | | | | |
| win cable end-sleeves | CD | 2 x 4 - 2 x 16 | | 332 |
| Cable end-sleeves, trapezodial, for fine stranded conductors | | 10 - 240 | | 332 |
| win cable end-sleeves, trapezodial, for fine stranded conductors | | 2 x 4 - 2 x 16 | | 332 |
| | | | | |



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







- ► Large crimping range up to 300 mm²
- Fast crimp cycles due to Automatic Retraction Stop (ARS)
- \blacktriangleright All tool data in view thanks to display and i-press® app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, flip top style, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

22-series interchangeable dies, narrow crimping

| 0 KN | | | |
|---------------------------------|---|---|---|
| 7 mm | | | |
| - 300 mm² | | | |
| s to 5 s (depending o | n crimp cross- | section) | |
| 5 min. | | | |
| .4 kg | | | |
| 10 °C up to +40 °C | | | |
| | Part No. Bosc | h Part No. Makita | |
| g tool 6 - 300 mm² | EK6022CFB | EK6022CFM | |
| | | | Page |
| | RALB2EU | | 485 |
| n battery | LGLB1EU | | 486 |
| I | | RAL40 | 484 |
| on battery | | LGL1 | 486 |
| | KK120NG | KK120NG | |
| | | | Page |
| | RALB2EU | | 485 |
| l | | RAL40 | 484 |
| | | Part No. | Page |
| 2 from 16 - 240 mm ² | F | K6022CFMSETD | |
| | | | |
| | - 300 mm ² s to 5 s (depending o 5 min. .4 kg 10 °C up to +40 °C g tool 6 - 300 mm ² n battery n battery | 7 mm 7 mm 300 mm ² s to 5 s (depending on crimp cross-s 5 min. 4 kg 10 °C up to +40 °C Part No. Boscl g tool 6 - 300 mm ² RALB2EU n battery KK120NG RALB2EU RALB2EU | 7 mm - 300 mm² s to 5 s (depending on crimp cross-section) 5 min. .4 kg 10 °C up to +40 °C Part No. Bosch Part No. Makita g tool 6 - 300 mm² EK6022CFB EK6022CFM g tool 6 - 300 mm² EK6022CFB EK6022CFM n battery LGLB1EU RALB2EU n battery LGLB1EU RAL40 nn battery LGL1 KK120NG RALB2EU RAL40 RAL40 |



Available dies for Series 22 for EK 60/22

| Refer to the limitations when crimping connectors in the technical Suitable for | appendix. Connection material | Crimping range mm ² | Crimp profile | Page |
|--|----------------------------------|--------------------------------|--------------------|------|
| Copper tubular cable lugs and connectors | | | | |
| Tubular cable lugs and connectors, blue connection® for compacted conductors acc. to DIN EN 60228 Class 2 | blue connection | 6 - 300 | \bigcirc | 328 |
| Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections | - | 6 - 300 | | 327 |
| Insulated cable lugs and compression joints, standard type, Insulated pin terminals | | 10 - 150 | \bigcirc | 327 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 70 | \bigtriangledown | 328 |
| Tubular cable lugs and connectors for solid conductors | O | 1.5 - 16 | \bigcirc | 328 |
| Tubular cable lugs and connectors, Ni, VA | | | | |
| Stainless steel tubular cable lugs and connectors | VA | 10 - 50 | \bigtriangledown | 328 |
| Nickel tubular cable lugs and connectors | Ni | 10 - 50 | \bigtriangledown | 328 |
| Copper compression cable lugs and connectors to DIN | | | | |
| Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN | DIN | 6 - 300 | \bigcirc | 329 |
| Double compression cable lugs | OP | 2 x 50 - 2 x 70 | \bigcirc | 329 |
| Terminals, connectors and pin terminals acc. to DIN, copper | | | | |
| Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN | e | 10 - 70 | \bigotimes | 329 |
| Insulated solderless terminals | | 10 - 70 | \bigtriangledown | 329 |
| Sleeves for compacted conductors and sector-shaped conductors, | copper | | | |
| Pre-rounding dies for sector-shaped Al and Cu conductors | | 10 sm - 300 se / 300 sm | \bigcirc | 330 |
| Aluminium compression cable lugs and connectors to DIN | | | | |
| Aluminium compression cable lugs and connectors to DIN | AI | 10 - 300 | \bigcirc | 330 |
| Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120 - 185 mm ² | Aldrey | 25 - 185 | \bigcirc | 330 |
| Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, aluminium crimping | Al/St | 25/4 - 120/20 | \bigcirc | 331 |
| Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, steel crimping | Al/St | 25/4 - 120/20 | \bigcirc | 331 |
| Aluminium/copper compression cable lugs and connectors | | | | |
| Aluminum side of aluminum/copper compression cable lugs and connectors: crimping dies A22, copper side of aluminum/copper compression cable lugs and connectors: crimping dies D22 | Al/Cu | 10 - 300 | \bigcirc | 330 |
| Clamps | | | | |
| Clamps, C-type | B | 4 - 70 | \bigcirc | 331 |
| Clamps, H-type | F | 70 | \bigcirc | 331 |
| Cable end-sleeves | | | | |
| Twin cable end-sleeves | e D | 2 x 4 - 2 x 16 | | 332 |
| Cable end-sleeves, trapezodial, for fine stranded conductors | | 10 - 240 | \square | 332 |
| Twin cable end-sleeves, trapezodial, for fine stranded conductors | €£ | 2 x 4 - 2 x 16 | \square | 332 |
| | | | | |



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





- Crimps optimised at all times due to the patented centring system
- ► Fast crimp cycles due to Automatic Retraction Stop (ARS)
- ▶ All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Quad-point indent crimping feature with patented centring system, no dies required
- Open head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Always ready-to-use thanks to battery charge and service display

| Technical data | | | | | |
|--|------------------------------------|---|-----------------|------|--|
| Crimping force | 55 kN | | | | |
| Crimping range | 10 - 240 mm ² | 10 - 240 mm ² | | | |
| Crimping cycle | 3 s to 6 s (depending o | 3 s to 6 s (depending on crimp cross-section) | | | |
| Charging time | 45 min. | | | | |
| Weight incl. battery | 5.0 kg | | | | |
| Ambient temperature | -10 °C up to +40 °C | | | | |
| Item | | Part No. Bosch | Part No. Makita | | |
| Battery powered hydraulic crimp | bing tool 10 - 240 mm ² | EK60VPCFB | EK60VPCFM | | |
| Scope of supply | | | | Page | |
| Bosch battery 18 V / 5.0 Ah, Li-le | on | RALB2EU | | 485 | |
| Bosch quick-charger for 18 V Li- | lon battery | LGLB1EU | | 486 | |
| Makita battery 18 V / 4.0 Ah, Li- | lon | | RAL40 | 484 | |
| Makita quick-charger for 18 V Li-lon battery | | | LGL1 | 486 | |
| Plastic case | | KK120NG | KK120NG | | |
| Accessories | | | | Page | |
| Gauge and 10 Test cylinder | | TS10B | TS10B | | |

| Suitable for | Connection material | Crimping range mm ² | Crimp profile |
|--|------------------------|-----------------------------------|------------------|
| Copper tubular cable | lugs and connecto | ors | |
| Tubular cable lugs, standard type, tubular cable lugs for switchgear connections | T) | 10-240 | \square |
| Connectors, standard type | T | 10-120 | \square |
| Tubular cable lugs for fine stranded conductors | • | 10-240 | \square |
| Connectors for fine stranded conductors | | 10-95 | \square |



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





c(VL)us

- > Suitable for crimping tubular cable lugs and connectors "standard type" and fine and superfine stranded conductors to 300 mm²
- Fast crimp cycles due to Automatic Retraction Stop (ARS)
- All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Quad-point indent crimping feature with patented centring system, no dies required
- Closed head with bolt interlock, rotatable, flip top style
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

| Technical data | | | | |
|---|--------------------------------------|---|-----------------|-------------------|
| Crimping force | 55 kN | | | |
| Crimping range | 16 - 300 mm ² | | | |
| Crimping cycle | 3 s to 6 s (depending o | 3 s to 6 s (depending on crimp cross-section) | | |
| Charging time | 45 min. | | | |
| Weight incl. battery | 5.1 kg | | | |
| Ambient temperature | -10 °C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic crimp | oing tool 16 - 300 mm ² | EK60VPFTCFB | EK60VPFTCFM | |
| Scope of supply | | | | Page |
| | | | | |
| Bosch battery 18 V / 5.0 Ah, Li-le | on | RALB2EU | | 485 |
| Bosch battery 18 V / 5.0 Ah, Li-le Bosch quick-charger for 18 V Li- | | RALB2EU LGLB1EU | | 485 486 |
| | lon battery | | RAL40 | |
| Bosch quick-charger for 18 V Li- | lon battery lon | | RAL40 LGL1 | 486 |
| Bosch quick-charger for 18 V Li- Makita battery 18 V / 4.0 Ah, Li- | lon battery lon | | | 486 484 |
| Bosch quick-charger for 18 V Li- Makita battery 18 V / 4.0 Ah, Li- Makita quick-charger for 18 V Li | lon battery lon | LGLB1EU | LGL1 | 486 484 |
| Bosch quick-charger for 18 V Li- Makita battery 18 V / 4.0 Ah, Li- Makita quick-charger for 18 V Li Plastic case | -lon battery lon i-lon battery | LGLB1EU | LGL1 | 486 484 486 |

| Suitable for | Connection material | Crimping range mm ² | Crimp profile |
|--|------------------------|-----------------------------------|--|
| Tubular cable lugs an | d connectors - Cu | | |
| Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections | Ø | 16-300 | \Box |
| Tubular cable lugs and connectors for fine stranded conductors | | 16-300 | $\left[\begin{array}{c} \\ \end{array} \right]$ |



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







| Suitable for | Connection material | Crimping range mm ² | Crimp profile |
|--|------------------------|-----------------------------------|--------------------|
| Copper tubular cable lug | gs and connecto | ors | |
| Tubular cable lugs and connectors, standard type, Tubular cable lugs for switch gear connections | Ø | 10 - 240 | \bigtriangledown |
| Tubular cable lugs and connectors for fine stranded conductors | ø | 10 - 240 | \bigtriangledown |
| Terminals, connectors a | nd pin terminals | s acc. to DIN | |
| Solderless terminals (DIN 46234) connectors and pin terminals (DIN 46230, DIN 46341) | I | 10 - 240 | \bigotimes |
| Aluminum compression | cable lugs and | connectors | |
| Aluminum compression cable lugs and connec- tors acc. to DIN | AI | 50 - 240 | \bigtriangledown |
| Compression joints for full tension connections of Aldrey conductors accor- ding to DIN EN 50182 | Aldrey | 50 - 185 | \bigtriangledown |
| Compression joints acc. to DIN 48085, part 3 for Al/St-cable acc. to DIN EN 50182 | Al/St | 50 - 240 | \bigtriangledown |
| Aluminum/copper comp | ression cable lu | igs and connect | ors |
| Aluminum/copper compression cable lugs and connectors | Al/Cu | 50 - 240 | \bigtriangledown |

- > Extra large crimping area due to innovative 2-stage telescopic cylinder
- Indent crimping no changing of dies required
- > All tool data in view thanks to display and i-press® app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- With innovative 2-stage telescopic cylinder
- Closed head, flip top style, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- Always ready-to-use thanks to battery charge and service display

Suitable for

- Very well suited for compacted conductors
- Especially for fine strand conductors to DIN VDE 60228
- Certified from 16 mm² onwards

| Technical data | | | | |
|--|-------------------------------------|------------------|-----------------|------|
| Crimping force | 30 - 60 kN | | | |
| Stroke / opening width | 40.5 mm | | | |
| Crimping range Cu | 10 - 240 mm ² | | | |
| Crimping range Al | 50 - 240 mm ² | | | |
| Crimping cycle | 2 s (for ARS) to 7 s (de | pending on cross | -section) | |
| Charging time | 15 min. | | | |
| Weight incl. battery | 2.5 kg | | | |
| Ambient temperature | -10 °C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic crir | mping tool 10 - 240 mm ² | EKM60IDCFB | EKM60IDCFM | |
| Scope of supply | | | | Page |
| Bosch battery 18 V / 2.0 Ah, Li | -lon | RALB1EU | | 484 |
| Bosch quick-charger for 18 V | Li-lon battery | LGLB1EU | | 486 |
| Makita battery 18 V / 1.5 Ah, L | .i-lon | | RAL1 | 483 |
| Makita quick-charger for 18 V | Li-lon battery | | LGL1 | 486 |
| Plastic case | | KK50NG | KK50NG | |
| Accessories | | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li | -lon | RALB2EU | | 485 |
| Makita battery 18 V / 4.0 Ah, L | i-lon | | RAL40 | 484 |
| Variants | | | | Page |
| L-BOXX with battery powered EKM60IDCFB, 10 - 240 mm ² | crimping tool | LBOXXEKM60IDCFB | | 203 |
| L-BOXX with battery powered EKM60IDCFM, 10 - 240 mm ² | crimping tool | | LBOXXEKM60IDCFM | 203 |



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





- ▶ For superfine-stranded conductors to 500 mm²
- Indent crimping, no dies required
- > All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, flip top style, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

| Technical data | | | | |
|------------------------------------|------------------------------------|-------------------|-----------------|------|
| Crimping force | 108 kN | | | |
| Stroke / opening width | 52 mm | | | |
| Crimping range | 35 - 500 mm² | | | |
| Crimping cycle | 10 s to 11 s (depending | g on crimp cross- | -section) | |
| Charging time | 45 min. | | | |
| Weight incl. battery | 7.0 kg | | | |
| Ambient temperature | -10 °C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic crimp | bing tool 35 - 500 mm ² | EK120IDCFB | EK120IDCFM | |
| Scope of supply | | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li-le | on | RALB2EU | | 485 |
| Bosch quick-charger for 18 V Li- | lon battery | LGLB1EU | | 486 |
| Makita battery 18 V / 4.0 Ah, Li- | lon | | RAL40 | 484 |
| Makita quick-charger for 18 V Li | -lon battery | | LGL1 | 486 |
| Plastic case | | KK120NG | KK120NG | |
| Accessories | | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li-le | on | RALB2EU | | 485 |
| Makita battery 18 V / 4.0 Ah, Li- | lon | | BAI 40 | 484 |

| Suitable for | Connection material | Crimping range mm ² | Crimp profile |
|--|------------------------|-----------------------------------|--------------------|
| Copper tubular cable lug | gs and connecto | ors | |
| Tubular cable lugs and connectors, standard type, Tubular cable lugs for switch gear connections | Ø | 70 - 185 | \bigtriangledown |
| Tubular cable lugs and connectors for fine stranded conductors | Ø | 70 - 240 | \bigcirc |
| Terminals, connectors a | nd pin terminals | s acc. to DIN | |
| Solderless terminals (DIN 46234) connectors and pin terminals (DIN 46230, DIN 46341) | J | 95 - 500 | \bigtriangledown |

NEXT GENERATION

EK 120/32 Battery powered hydraulic crimping tool 16 - 400 mm²







- Very large crimping range up to 400 mm²
- > Up to 60% fewer crimps thanks to wide crimping in comparison to 6 t tools
- > All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Open head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 13-series interchangeable dies, wide crimping

| Technical data | | | | |
|---------------------------------|-------------------------------------|------------------|-----------------|------|
| Crimping force | 120 kN | | | |
| Stroke / opening width | 32 mm | | | |
| Crimping range | 16 - 400 mm ² | | | |
| Crimping cycle | 7 s to 8 s (depending o | n crimp cross-se | ection) | |
| Charging time | 45 min. | | | |
| Weight incl. battery | 6.8 kg | | | |
| Ambient temperature | -10° C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic crir | nping tool 16 - 400 mm ² | EK12032CFB | EK12032CFM | |
| Scope of supply | | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li | -lon | RALB2EU | | 485 |
| Bosch quick-charger for 18 V I | i-lon battery | LGLB1EU | | 486 |
| Makita battery 18 V / 4.0 Ah, L | i-lon | | RAL40 | 484 |
| Makita quick-charger for 18 V | Li-lon battery | | LGL1 | 486 |
| Plastic case | | KK120NG | KK120NG | |
| Accessories | | | | Page |
| Bosch battery 18 V / 5.0 Ah, Li | -lon | RALB2EU | | 485 |
| Makita battery 18 V / 4.0 Ah, L | : Ion | | BAL40 | 484 |

Available dies for Series 13 for EK 120/32

| Refer to the limitations when crimping connectors in the technical | appendix. | | | |
|---|---------------------|--------------------------------|--------------------|------|
| Suitable for | Connection material | Crimping range mm ² | Crimp profile | Page |
| Tubular cable lugs and connectors, Cu | | | | |
| Tubular cable lugs, Cu, standard type, tubular cable lugs for switchgear connections | , esp | 16 - 400 | \bigcirc | 333 |
| Butt connectors, standard type | (SP) | 16 - 185 | \bigcirc | 333 |
| Insulated tubular cable lugs and connectors, insulated pin terminals | | 10 - 150 | \bigcirc | 333 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 150 | \bigtriangledown | 334 |

See next page



| Suitable for | Connection material | Crimping range mm ² | Crimp profile | Page |
|--|---------------------|--------------------------------|-----------------------|------|
| Tubular cable lugs and connectors - stainless steel, Ni | | | | |
| Tubular cable lugs and connectors – VA | VA | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors – VA | VA | 70 - 95 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 70 - 95 | \bigtriangledown | 334 |
| Compression cable lugs and connectors acc. to DIN - Cu | | | | |
| Compression cable lugs (DIN46230) and connectors (DIN 46267, part 1) Cu | | 10 - 300 | \bigcirc | 334 |
| Compression joints DIN 46267 part 1 | | 10 - 150 | \bigcirc | 334 |
| Double compression cable lugs | (III) | 2 x 50 - 2 x 120 | \bigcirc | 334 |
| Terminals, connectors and pin terminals acc. to DIN - Cu | | | | |
| Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu | T | 10 - 150 | \bigotimes | 335 |
| Insulated terminals and pin terminals | | 10 - 95 | $\overline{\bigcirc}$ | 335 |
| 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 | \bigcirc | 335 |
| Aluminum compression cable lugs and connectors acc. to DIN | | | | |
| Aluminum compression cable lugs and connectors acc. to DIN | AI | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm² | Aldrey | 25 - 185 | \bigcirc | 336 |
| Compression joints acc. to DIN 45085, part 3 for Al-steel cable acc. to DIN EN 50182, aluminum crimping | Al/St | 4-20 (St) - 25-120 (Al) | \bigcirc | 336 |
| Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping | Al/St | 4-20 (St) - 25-120 (Al) | \bigcirc | 336 |
| Aluminum/copper compression cable lugs and connectors | | | | |
| Aluminum/copper compression cable lugs and connectors | Al/Cu | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Clamps | | | | |
| Clamps, C-type | B | 10 - 70 | \bigcirc | 337 |
| Clamps, H-type | F | 70 - 120 | \bigcirc | 337 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 25 - 240 | | 337 |

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







- C-head with very wide crimping range to 400 mm²
- > Up to 60% fewer crimps thanks to wide crimping in comparison to 6 t tools
- > Easy handling by optimum weight distribution
- All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Open head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 13-series interchangeable dies, wide crimping

| 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 c | on crimp cross-se | ection) | |
| Charging time | 45 min. | | | |
| Weight incl. battery | 7.1 kg | | | |
| Ambient temperature | -10 °C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic cr | rimping tool 16 - 400 mm ² | EK12042CFB | EK12042CFM | |
| Scope of supply | | | | Page |
| Bosch battery 18 V / 5.0 Ah, | Li-lon | RALB2EU | | 485 |
| Bosch quick-charger for 18 | / Li-lon battery | LGLB1EU | | 486 |
| Makita battery 18 V / 4.0 Ah, | Li-lon | | RAL40 | 484 |
| Makita quick-charger for 18 | V Li-lon battery | | LGL1 | 486 |
| Plastic case | | KK120NG | KK120NG | |
| Accessories | | | | Page |
| Bosch battery 18 V / 5.0 Ah, | Li-lon | RALB2EU | | 485 |
| Makita battery 18 V / 4.0 Ah, | Li-lon | | RAL40 | 484 |



Available dies for Series 13 for EK 120/42

| 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 | T | 16 - 400 | \bigcirc | 333 |
| Insulated tubular cable lugs and connectors, insulated pin terminals | ET]] | 10 - 150 | \bigcirc | 333 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 150 | \bigotimes | 334 |
| Tubular cable lugs and connectors - stainless steel, Ni | | | | |
| Tubular cable lugs and connectors – VA | VA | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors – VA | VA | 70 - 95 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 70 - 95 | \bigotimes | 334 |
| Compression cable lugs and connectors acc. to DIN - Cu | | | | |
| Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu | | 10 - 300 | \bigcirc | 334 |
| Double compression cable lugs | (I) | 2 x 50 - 2 x 120 | \bigcirc | 334 |
| Terminals, connectors and pin terminals acc. to DIN - Cu | | | | |
| Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu | T | 10 - 150 | \bigotimes | 335 |
| Insulated terminals and pin terminals | I | 10 - 95 | \bigotimes | 335 |
| 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 | \bigcirc | 335 |
| Aluminum compression cable lugs and connectors acc. to DIN | | | | |
| Aluminum compression cable lugs and connectors acc. to DIN | Al | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Compression points for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ² | Aldrey | 25 - 185 | \bigcirc | 336 |
| Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping | Al/St | 4-20 (St) - 25-120 (Al) | \bigcirc | 336 |
| Compression joints acc. to DIN 45085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping | Al/St | 4-20 (St) - 25-120 (Al) | \bigcirc | 336 |
| Aluminum/copper compression cable lugs and connectors | | | | |
| Aluminum/copper compression cable lugs and connectors | Al/Cu | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Clamps | | | | |
| Clamps, C-type | B | 10 - 70 | \bigcirc | 337 |
| Clamps, H-type | T | 70 - 120 | \bigcirc | 337 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 25 - 240 | \square | 337 |
| | | | | |

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





- H-head for deep groove crimps
- > Up to 60% fewer crimps thanks to wide crimping in comparison to 6 t tools
- All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 13-series interchangeable dies, wide crimping

| 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 o | n crimp cross-se | ection) | |
| Charging time | 45 min. | | | |
| Weight incl. battery | 6.2 kg | | | |
| Ambient temperature | -10° C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic cri | imping tool 16 - 400 mm ² | EK120UCFB | EK120UCFM | |
| Scope of supply | | | | Page |
| Bosch battery 18 V / 5.0 Ah, L | _i-lon | RALB2EU | | 485 |
| Bosch quick-charger for 18 V | Li-lon battery | LGLB1EU | | 486 |
| Makita battery 18 V / 4.0 Ah, | Li-lon | | RAL40 | 484 |
| Makita quick-charger for 18 | / Li-lon battery | | LGL1 | 486 |
| Plastic case | | KK120NG | KK120NG | |
| Accessories | | | | Page |
| Bosch battery 18 V / 5.0 Ah, L | _i-lon | RALB2EU | | 485 |
| Makita battery 18 V / 4.0 Ah, | Li-lon | | RAL40 | 484 |
| | | | | |



Available dies for Series 13 for EK 120 U

| 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 | <u>e</u> | 16 - 400 | \bigcirc | 333 |
| Insulated tubular cable lugs and connectors, insulated pin terminals | | 10 - 150 | \bigcirc | 333 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 150 | \bigotimes | 334 |
| Tubular cable lugs and connectors - stainless steel, Ni | | | | |
| Tubular cable lugs and connectors – VA | VA | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors – VA | VA | 70 - 95 | \bigcirc | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 70 - 95 | \bigcirc | 334 |
| Compression cable lugs and connectors acc. to DIN - Cu | | | _ | |
| Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu | DIN | 10 - 300 | \bigcirc | 334 |
| Double compression cable lugs | OP) | 2 x 50 - 2 x 120 | \bigcirc | 334 |
| Terminals, connectors and pin terminals acc. to DIN - Cu | | | | |
| Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu | I | 10 - 150 | \bigcirc | 335 |
| Insulated terminals and pin terminals | | 10 - 95 | $\overline{\bigcirc}$ | 335 |
| 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 | \bigcirc | 335 |
| Aluminum compression cable lugs and connectors acc. to DIN | | | | |
| Aluminum compression cable lugs and connectors acc. to DIN | AI | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Compression points for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ² | Aldrey | 25 - 185 | \bigcirc | 336 |
| Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping | Al/St | 4-20 (St) - 25-120 (Al) | \bigcirc | 336 |
| Compression joints acc. to DIN 45085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping | Al/St | 4-20 (St) - 25-120 (Al) | | 336 |
| Aluminum/copper compression cable lugs and connectors | | | | |
| Aluminum/copper compression cable lugs and connectors | Al/Cu | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Clamps | | | | |
| Clamps, C-type | G | 10 - 70 | \bigcirc | 337 |
| Clamps, H-type | T | 70 - 120 | \bigcirc | 337 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 25 - 240 | \square | 337 |
| | | | | |

EK 135 FT Battery powered hydraulic crimping tool 10 - 630 mm²







- Very large crimping range to 630 mm²
- Very powerful with a crimping force of 13.5 t
- All tool data in view thanks to display and i-press[®] app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 13-series interchangeable dies, wide crimping
- 15-series interchangeable dies, wide crimping

| Technical data | | | | |
|---|---|--------------------|-----------------|--------------------------|
| Crimping force | 135 kN | | | |
| Stroke / opening width | 50.8 mm | | | |
| Crimping range | 10 - 630 mm ² | | | |
| Crimping cycle | ca. 10 s to 11 s (depen | ding on cross-se | ction) | |
| Charging time | 45 min. | | | |
| Weight incl. battery | 10.2 kg | | | |
| Ambient temperature | -10 °C up to +40 °C | | | |
| Item | | Part No. Bosch | Part No. Makita | |
| Battery powered hydraulic crim | iping tool 10 - 630 mm ² | EK135FTCFB | EK135FTCFM | |
| | | | | |
| Scope of supply | | | | Page |
| Scope of supply Adapter for crimping dies series | s 13 | UA15T | UA15T | Page |
| 1 112 | | UA15T RALB2EU | UA15T | Page 485 |
| Adapter for crimping dies series | lon | | UA15T | 0 |
| Adapter for crimping dies series Bosch battery 18 V / 5.0 Ah, Li- | lon i-lon battery | RALB2EU | UA15T RAL40 | 485 |
| Adapter for crimping dies series Bosch battery 18 V / 5.0 Ah, Li- Bosch quick-charger for 18 V L | lon i-lon battery -lon | RALB2EU | | 485 486 |
| Adapter for crimping dies serie: Bosch battery 18 V / 5.0 Ah, Li- Bosch quick-charger for 18 V L Makita battery 18 V / 4.0 Ah, Li- | lon i-lon battery -lon | RALB2EU | RAL40 | 485 486 484 |
| Adapter for crimping dies serie: Bosch battery 18 V / 5.0 Ah, Li- Bosch quick-charger for 18 V L Makita battery 18 V / 4.0 Ah, Li Makita quick-charger for 18 V L | lon i-lon battery -lon | RALB2EU LGLB1EU | RAL40 LGL1 | 485 486 484 |
| Adapter for crimping dies series Bosch battery 18 V / 5.0 Ah, Li- Bosch quick-charger for 18 V L Makita battery 18 V / 4.0 Ah, Li Makita quick-charger for 18 V L Plastic case | lon i-lon battery -lon i-lon battery | RALB2EU LGLB1EU | RAL40 LGL1 | 485 486 484 486 |



Available dies for Series 13 for EK 135 FT

| 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 | Ś | 16 - 400 | \bigcirc | 333 |
| Insulated tubular cable lugs and connectors, insulated pin terminals | I | 10 - 150 | \bigcirc | 333 |
| Tubular cable lugs and connectors for fine stranded conductors | | 10 - 150 | \bigcirc | 334 |
| Tubular cable lugs and connectors - stainless steel, Ni | | | | |
| Tubular cable lugs and connectors – VA | VA | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors – VA | VA | 70 - 95 | \sum | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 10 - 50 | \bigtriangledown | 334 |
| Tubular cable lugs and connectors - Ni | Ni | 70 - 95 | \bigcirc | 334 |
| Compression cable lugs and connectors acc. to DIN - Cu | | | | |
| Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu | | 10 - 300 | \bigcirc | 334 |
| Double compression cable lugs | OF) | 2 x 50 - 2 x 120 | \bigcirc | 334 |
| Terminals, connectors and pin terminals acc. to DIN - Cu | | | | |
| Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu | T | 10 - 150 | \bigtriangledown | 335 |
| Insulated terminals and pin terminals | | 10 - 95 | \bigotimes | 335 |
| Sleeves for compacted conductors and sector shaped conductors, 0 | Cu | | | |
| Pre-rounding crimping dies for Al and Cu sector shaped conductors | | 10 sm - 300 se / 300 sm | \bigcirc | 335 |
| Aluminum compression cable lugs and connectors acc. to DIN | | | | |
| Aluminum compression cable lugs and connectors acc. to DIN | AI | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Compression points for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ² | Aldrey | 25 - 185 | \bigcirc | 336 |
| Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping | Al/St | 4-20 (St) - 25-120 (Al) | \bigcirc | 336 |
| Compression joints acc. to DIN 45085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping | Al/St | 4-20 (St) - 25-120 (Al) | \bigcirc | 336 |
| Aluminum/copper compression cable lugs and connectors | | | | |
| Aluminum/copper compression cable lugs and connectors | Al/Cu | 10-300 rm/sm, 16 - 300 re/se | \bigcirc | 336 |
| Clamps | | | | |
| Clamps, C-type | P | 10 - 70 | \bigcirc | 337 |
| Clamps, H-type | T | 70 - 120 | \bigcirc | 337 |
| Cable end-sleeves | | | | |
| Cable end-sleeves | | 25 - 240 | \square | 337 |
| | | | | |



Available dies for Series 15 for EK 135 FT

| 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 | DIN | 400 - 625 | \bigcirc | 338 |
| Aluminum compression cable lugs and connectors acc. to DIN | | | | |
| Aluminum compression cable lugs and connectors acc. to DIN | AI | 400 - 500 | \bigcirc | 338 |
| Aluminum/copper compression cable lugs and connectors | | | | |
| Aluminum/copper compression cable lugs and connectors | Al/Cu | 400 - 500 | \bigcirc | 338 |