



## Crimping

Battery powered hydraulic crimping tools

### EK 120/32 Battery powered hydraulic crimping tool 16 - 400 mm<sup>2</sup>

**NEXT  
GENERATION**



- ▶ Very large crimping range up to 400 mm<sup>2</sup>
- ▶ 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









































**K13  
SERIE**

Technical data			
Crimping force	120 kN		
Stroke / opening width	32 mm		
Crimping range	16 - 400 mm <sup>2</sup>		
Crimping cycle	7 s to 8 s (depending on crimp cross-section)		
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 crimping tool 16 - 400 mm <sup>2</sup>	<b>EK12032CFB</b>	<b>EK12032CFM</b>	
Scope of supply			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Bosch quick-charger for 18 V Li-Ion battery	LGLB1EU		494
Makita battery 18 V / 4.0 Ah, Li-Ion	RAL40		492
Makita quick-charger for 18 V Li-Ion battery	LGL1		494
Plastic case	KK120NG	KK120NG	
Accessories			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-Ion	RAL40		492

## 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 <sup>2</sup>	Crimp profile	Page
<b>Tubular cable lugs and connectors, Cu</b>				
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		347
Butt connectors, standard type		16 - 185		347
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		347
Tubular cable lugs and connectors for fine stranded conductors		10 - 150		348
<b>Compression cable lugs and connectors acc. to DIN - Cu</b>				
Compression cable lugs (DIN46230) and connectors (DIN 46267, part 1) Cu		10 - 300		348
Compression joints DIN 46267 part 1		10 - 150		348
Double compression cable lugs		2 x 50 - 2 x 120		348
<b>Terminals, connectors and pin terminals acc. to DIN - Cu</b>				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		10 - 150		349
Insulated terminals and pin terminals		10 - 95		349
<b>Sleeves for compacted conductors and sector shaped conductors, Cu</b>				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 300 sm		349
<b>Aluminum compression cable lugs and connectors acc. to DIN</b>				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 240		350
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm <sup>2</sup>		25 - 185		350
Compression joints acc. to DIN 45085, part 3 for Al-steel cable acc. to DIN EN 50182, aluminum crimping		24/4 - 120/20		350
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		350
<b>Aluminum/copper compression cable lugs and connectors</b>				
Aluminum/copper compression cable lugs and connectors		10 - 240		350
<b>Clamps</b>				
Clamps, C-type		10 - 70		351
Clamps, H-type		70 - 120		351
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		351
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		351