



# Crimping

Hand-operated hydraulic crimping tools

## HK 120/30 Hand-operated hydraulic crimping tool 16 - 400 mm<sup>2</sup>



- ▶ Very large crimping range to 400 mm<sup>2</sup>
- ▶ Up to 60% fewer crimps thanks to wide crimping in comparison to 6 t tools

### Characteristics

- Open head, rotatable
- Light weight due to high quality aluminium housing
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete

### Suitable for

- 13-series interchangeable dies, wide crimping

Technical data	
Crimping force	120 kN
Stroke	30 mm
Crimping range	16 - 400 mm <sup>2</sup>
Length	510 mm
Weight	5.4 kg
Ambient temperature	-20 °C up to +40 °C
Item	Part No.
Hand-operated hydraulic crimping tool 10 - 400 mm <sup>2</sup>	<b>HK12030</b>
Scope of supply	Part No.
Steel carrying case	MK12042































## Available dies for Series 13 for HK 120/30

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, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		333
Butt connectors, standard type		16 - 185		333
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		333
Tubular cable lugs and connectors for fine stranded conductors		10 - 150		334
<b>Tubular cable lugs and connectors - stainless steel, Ni</b>				
Tubular cable lugs and connectors - VA		10 - 50		334
Tubular cable lugs and connectors - VA		70 - 95		334
Tubular cable lugs and connectors - Ni		10 - 50		334
Tubular cable lugs and connectors - Ni		70 - 95		334

See next page

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>Compression cable lugs and connectors acc. to DIN - Cu</b>				
Compression cable lugs (DIN46230) and connectors (DIN 46267, part 1) Cu		10 - 300		334
Compression joints DIN 46267 part 1		10 - 150		334
Double compression cable lugs		2 x 50 - 2 x 120		334
<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		335
Insulated terminals and pin terminals		10 - 95		335
<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		335
<b>Aluminum compression cable lugs and connectors acc. to DIN</b>				
Aluminum compression cable lugs and connectors acc. to DIN		10-300 rm/sm, 16 - 300 re/se		336
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		336
Compression joints acc. to DIN 45085, part 3 for Al-steel cable acc. to DIN EN 50182, aluminum crimping		4-20 (St) - 25-120 (Al)		336
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		4-20 (St) - 25-120 (Al)		336
<b>Aluminum/copper compression cable lugs and connectors</b>				
Aluminum/copper compression cable lugs and connectors		10-300 rm/sm, 16 - 300 re/se		336
<b>Clamps</b>				
Clamps, C-type		10 - 70		337
Clamps, H-type		70 - 120		337
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		337