



Crimping

Hand-operated hydraulic crimping tools

HK 120/42 Hand-operated 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
- ▶ C-head with larger 42 mm jaw opening

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	42 mm
Crimping range	16 - 400 mm ²
Length	560 mm
Weight	5.9 kg
Ambient temperature	-20 °C up to +40 °C
Item	Part No.
Hand-operated hydraulic crimping tool 16 - 400 mm ²	HK12042
Scope of supply	Part No.
Steel carrying case	MK12042





























Available dies for Series 13 for HK 120/42

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		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
Tubular cable lugs and connectors - stainless steel, Ni				
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 ²	Crimp profile	Page
Compression cable lugs and connectors acc. to DIN - Cu				
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
Terminals, connectors and pin terminals acc. to DIN - Cu				
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
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		335
Aluminum compression cable lugs and connectors acc. to DIN				
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 ²		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
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10-300 rm/sm, 16 - 300 re/se		336
Clamps				
Clamps, C-type		10 - 70		337
Clamps, H-type		70 - 120		337
Cable end-sleeves				
Cable end-sleeves		25 - 240		337