



## Crimping

Hydraulic crimping heads and crimping systems

### PK 18 Hydraulic crimping head 6 - 185 mm<sup>2</sup>



- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for optimum crimping results
- ▶ Crimping dies are spring-secured

#### Characteristics

- Open head with quick coupling, 360° rotation when not pressurised

#### Suitable for

- 18-series interchangeable dies, narrow crimping
- Standardised dies to DIN 48083, sheet 1

Technical data		
Crimping force	60 kN	
Crimping range	6 - 185 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Length	310 mm	
Weight	3.2 kg	
Item	Part No.	
Hydraulic crimping head 6 - 185 mm <sup>2</sup>	<b>PK18</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196



**K18**  
SERIE

### THK 18 Hydraulic crimping tool for workbench mounting 6 - 185 mm<sup>2</sup>



- ▶ BG-compliant version
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for optimum crimping results

#### Characteristics

- Quick coupling
- For workbench mounting

#### Suitable for

































- 18-series interchangeable dies, narrow crimping
- Standardised dies to DIN 48083, sheet 1

Technical data		
Crimping force	60 kN	
Crimping range	6 - 185 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Weight	8.6 kg	
Dimensions	H x W x D: 220 x 160 x 120 mm	
Item	Part No.	
Hydraulic crimping tool for workbench mounting 6 - 185 mm <sup>2</sup>	<b>THK18</b>	

**K18**  
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## Available dies for Series 18 for PK 18

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>Copper tubular cable lugs and connectors</b>				
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		6 - 185		337
Insulated cable lugs and compression joints, standard type, Insulated pin terminals		10 - 95		337
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		337
Tubular cable lugs and connectors for solid conductors		1.5 - 16		338
<b>Copper compression cable lugs and connectors to DIN</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN		6 - 185		338
<b>Terminals, connectors and pin terminals acc. to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		10 - 70		338
Insulated solderless terminals and connectors		10 - 50		338
<b>Sleeves for compacted conductors and sector-shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10 sm - 300 se / 240 sm		339
<b>Aluminium compression cable lugs and connectors to DIN</b>				
Aluminium compression cable lugs and connectors to DIN		10 - 185		339
Compression joints for full-tension connections of Aldrey-conductors DIN EN 50182		25 - 95		339
<b>Aluminium/copper compression cable lugs and connectors</b>				
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		10 - 185		339
<b>Clamps</b>				
Clamps, C-type		4 - 50		339
<b>Cable end-sleeves</b>				
Cable end-sleeves		4 - 95		340
Twin cable end-sleeves		2 x 4 - 2 x 16		340
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 95		340
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		340
<b>Cutting die</b>				
Cutting die		18 mm dia.		412



## Crimping

Hydraulic crimping heads and crimping systems

### PK 22 Hydraulic crimping heads 6 - 300 mm<sup>2</sup>



**K22**  
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- ▶ Large crimping range up to 300 mm<sup>2</sup>
- ▶ Slim crimping head - ideal when space is critical

#### Characteristics

- Closed head, flip top style, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

#### Suitable for

- 22-series interchangeable dies, narrow crimping

#### Additional information

- Part Number appendix for W crimping dies (UL-tested) "W"

Technical data		
Crimping force	60 kN	
Stroke / opening width	17 mm	
Crimping range	6 - 300 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Length	305 mm	
Weight	3.0 kg	
Item	Part No.	
Hydraulic crimping head 6 - 300 mm <sup>2</sup>	<b>PK22</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

### THK 22 Hydraulic crimping tool for workbench mounting 6 - 300 mm<sup>2</sup>



**K22**  
SERIE

- ▶ Large crimping range up to 300 mm<sup>2</sup>
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for optimum crimping results

#### Characteristics

- Quick coupling
- For workbench mounting
- BG-conformity version













































#### Suitable for

- 22-series interchangeable dies, narrow crimping

Technical data		
Crimping force	60 kN	
Crimping range	6 - 300 mm <sup>2</sup>	
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 workbench mounting 6 - 300 mm <sup>2</sup>	<b>THK22</b>	

## Available dies for Series 22 for PK 22 and THK 22

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>Copper tubular cable lugs and connectors</b>				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to Tubular cable lugs and connectors blue connection for compacted conductors acc. to DIN EN 60228		6 - 300		342
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		6 - 300		341
Insulated cable lugs and compression joints, standard type, Insulated pin terminals		10 - 150		341
Tubular cable lugs and connectors for fine stranded conductors		10 - 70		342
Tubular cable lugs and connectors for solid conductors		1.5 - 16		342
<b>Tubular cable lugs and connectors, Ni, VA</b>				
Stainless steel tubular cable lugs and connectors		10 - 50		342
Nickel tubular cable lugs and connectors		10 - 50		342
<b>Copper compression cable lugs and connectors to DIN</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN		6 - 300		343
Double compression cable lugs		2 x 50 - 2 x 70		343
<b>Terminals, connectors and pin terminals acc. to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		10 - 70		343
Insulated solderless terminals and connectors		10 - 70		343
<b>Sleeves for compacted conductors and sector-shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10 sm - 300 se/ 240 sm		344
<b>Aluminium compression cable lugs and connectors to DIN</b>				
Aluminium compression cable lugs and connectors to DIN		10 - 300		344
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120 - 185 mm <sup>2</sup>		25 - 185		344
Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, aluminium crimping		25/4 - 120/20		345
Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, steel crimping		25/4 - 120/20		345
<b>Aluminium/copper compression cable lugs and connectors</b>				
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		10 - 300		344
<b>Clamps</b>				
Clamps, C-type		4 - 70		345
Clamps, H-type		70		345
<b>Cable end-sleeves</b>				
Twin cable end-sleeves		2 x 4 - 2 x 16		346
Cable end-sleeves, trapezoidal, for fine stranded conductors		10 - 240		346
Twin cable end-sleeves, trapezoidal, for fine stranded conductors		2 x 4 - 2 x 16		346



# Crimping

Hydraulic crimping heads and crimping systems

## PK 60 VP Hydraulic crimping head 10 - 240 mm<sup>2</sup>



- ▶ Suitable for crimping tubular cable lugs and connectors “standard type“ and fine and superfine stranded conductors up to 240 mm<sup>2</sup>
- ▶ The patented centring system guarantees optimum crimps every time
- ▶ No additional dies required

### Characteristics

- Quad-point indent crimping and wide crimping
- Open head with quick coupling, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data		
Crimping force	55 kN	
Crimping range	10 - 240 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Length	305 mm	
Weight	2.8 kg	
Item	Part No.	
Hydraulic crimping head 10 - 240 mm <sup>2</sup>	<b>PK60VP</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimp profile
Copper tubular cable lugs and connectors			
Tubular cable lugs, standard type, tubular cable lugs for switchgear connections		10 - 240	
Connectors, standard type		10 - 120	
Tubular cable lugs for fine stranded conductors		10 - 240	
Connectors for fine stranded conductors		10 - 95	

## PK 60 VP/FT Hydraulic crimping head 16 - 300 mm<sup>2</sup>



- ▶ Suitable for crimping tubular cable lugs and connectors “standard type“ and fine and superfine stranded conductors to 300 mm<sup>2</sup>
- ▶ The patented centring system guarantees optimum crimps every time
- ▶ Closed crimping head - ideal for utility lines construction, for example

### Characteristics

- Quad-point indent crimping and wide crimping
- Closed head, flip top style, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data		
Crimping force	55 kN	
Crimping range	16 - 300 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Length	315 mm	
Weight	2.8 kg	
Item	Part No.	
Hydraulic crimping head 16 - 300 mm <sup>2</sup>	<b>PK60VPFT</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimp profile
Copper tubular cable lugs and connectors			
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	

PK 60 ID Hydraulic crimping head 10 - 240 mm<sup>2</sup>



- ▶ Extra large crimping area due to innovative 2-stage telescopic cylinders (patent pending)
- ▶ Indent crimping - no changing of dies required

**Characteristics**

- Closed head, flip top style, rotatable
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data	
Crimping force	30 - 60 kN
Stroke / opening width	35.5 mm
Crimping range copper	10 - 240 mm <sup>2</sup>
Crimping range aluminum	50 - 240 mm <sup>2</sup>
Operating pressure	max. 700 bar
Length	249.5 mm
Weight	approx. 2.5 kg

Item	Part No.
Hydraulic crimping head 10 - 240 mm <sup>2</sup>	<b>PK60ID</b>

Scope of supply	Part No.	Page
Carrying bag	TT2	196

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimp profile
<b>Copper tubular cable lugs and connectors</b>			
Tubular cable lugs and connectors, standard type, Tubular cable lugs for switch gear connections		10 - 240	
Tubular cable lugs and connectors for fine stranded conductors		10 - 240	
<b>Terminals, connectors and pin terminals acc. to DIN</b>			
Solderless terminals (DIN 46234) connectors and pin terminals (DIN 46230, DIN 46341)		10 - 240	
<b>Aluminum compression cable lugs and connectors</b>			
Aluminum compression cable lugs and connectors acc. to DIN		50 - 240	
Compression joints acc. to DIN 48085, part 3 for Al/St-cable acc. to DIN EN 50182		50 - 240	
Compression joints for full tension connections of Aldrey conductors acc. to DIN EN 50182, Al-conductor acc. to DIN EN 50182, 120 - 185 mm <sup>2</sup>		50 - 185	
<b>Aluminum/copper compression cable lugs and connectors</b>			
Aluminum/copper compression cable lugs and connectors		50 - 240	



## Crimping

Hydraulic crimping heads and crimping systems

### PK 120/42 Hydraulic crimping head 10 - 400 mm<sup>2</sup>



- ▶ Large crimping range up to 400 mm<sup>2</sup>
- ▶ C-head with larger 42 mm jaw opening
- ▶ Up to 60% fewer crimps thanks to wide crimping in comparison to narrow crimping

#### Characteristics

- Head with quick coupling, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

#### Suitable for

- 13-series interchangeable dies, wide crimping

Technical data		
Crimping force	120 kN	
Stroke / opening width	42 mm	
Crimping range	10 - 400 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Length	335 mm	
Weight	4.5 kg	
Item	Part No.	
Hydraulic crimping head 10 - 400 mm <sup>2</sup>	<b>PK12042</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196



### THK 120 Hydraulic crimping tool for workbench mounting 10 - 400 mm<sup>2</sup>



- ▶ Large crimping range up to 400 mm<sup>2</sup>
- ▶ For workbench mounting
- ▶ BG-compliant version
- ▶ Up to 60% fewer crimps thanks to wide crimping in comparison to narrow crimping

#### Characteristics

- Quick coupling
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

#### Suitable for

































- 13-series interchangeable dies, wide crimping

Technical data		
Crimping force	120 kN	
Crimping range	10 - 400 mm <sup>2</sup>	
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 workbench mounting 10 - 400 mm <sup>2</sup>	<b>THK120</b>	



## Available dies for Series 13 for PK 120/42 and THK 120

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>Copper tubular cable lugs and connectors</b>				
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		16 - 400		347
Insulated cable lugs and compression joints, standard type, Insulated pin terminals		10 - 150		347
Tubular cable lugs and connectors for fine stranded conductors		10 - 150		348
<b>Copper compression cable lugs and connectors to DIN</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN		10 - 300		348
Double compression cable lugs		2 x 50 - 2 x 120		348
<b>Terminals, connectors and pin terminals acc. to DIN, copper</b>				
Terminals, connectors and Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		10 - 150		349
Insulated solderless terminals and connectors		10 - 95		349
<b>Sleeves for compacted conductors and sector-shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10 sm - 300 se / 300 sm		349
<b>Aluminium compression cable lugs and connectors to DIN</b>				
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120 - 185 mm <sup>2</sup>		25 - 185		350
Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, aluminium crimping		25/4 - 120/20		350
Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, steel crimping		25/4 - 120/20		350
<b>Aluminium/copper compression cable lugs and connectors</b>				
Aluminium/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





## Crimping

Hydraulic crimping heads and crimping systems

### PK 120 U Hydraulic crimping head 10 - 400 mm<sup>2</sup>



- ▶ H-head for deep groove crimps
- ▶ Up to 60% fewer crimps thanks to wide crimping in comparison to narrow crimping

#### Characteristics

- Head with quick coupling, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

#### Suitable for

































- 13-series interchangeable dies, wide crimping

Technical data		
Crimping force	120 kN	
Stroke / opening width	20 mm	
Crimping range	10 - 400 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Length	320 mm	
Weight	3.7 kg	
Item	Part No.	
Hydraulic crimping head 10 - 400 mm <sup>2</sup>	<b>PK120U</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

**K13**  
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## Available dies for Series 13 for PK 120 U

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>Copper tubular cable lugs and connectors</b>				
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		16 - 400		347
Insulated cable lugs and compression joints, standard type, Insulated pin terminals		10 - 150		347
Tubular cable lugs and connectors for fine stranded conductors		10 - 150		348
<b>Copper compression cable lugs and connectors to DIN</b>				
Copper compression cable lugs and connectors to DIN		10 - 300		348
Double compression cable lugs		2 x 50 - 2 x 120		348
<b>Terminals, connectors and pin terminals acc. to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230)		10 - 150		349
Insulated solderless terminals and connectors		10 - 95		349
<b>Sleeves for compacted conductors and sector-shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10 sm - 300 se / 300 sm		349
<b>Aluminium compression cable lugs and connectors to DIN</b>				
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120 - 185 mm <sup>2</sup>		25 - 185		350
Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, aluminium crimping		25/4 - 120/20		350
<b>Aluminium compression cable lugs and connectors to DIN DIN - Al</b>				
Compression joints DIN 48085, part 3 for aluminium/steel conductors DIN EN 50182, steel crimping		25/4 - 120/20		350
<b>Aluminium/copper compression cable lugs and connectors</b>				
Aluminum side of aluminum/copper compression cable lugs and connectors: crimping dies HA13, copper side of aluminum/copper compression cable lugs and connectors: crimping dies HD13		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



## Crimping

Hydraulic crimping heads and crimping systems

### PK 25/2 Hydraulic crimping head 16 - 625 mm<sup>2</sup>



- ▶ For dies acc. to DIN 48083, sheet 3
- ▶ Very large crimping range up to 625 mm<sup>2</sup>
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for optimum crimping results

#### Characteristics

- Head with quick coupling, 360° rotation when not pressurised

#### Suitable for

- 25-series interchangeable dies, wide crimping

#### Technical data

Crimping force	250 kN
Stroke / opening width	20 mm
Crimping range	16 - 625 mm <sup>2</sup>
Operating pressure	max. 700 bar
Length	335 mm
Weight	5.3 kg



































Item	Part No.	
Hydraulic crimping head 16 - 625 mm <sup>2</sup>	<b>PK252</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196



**K25**  
SERIE

## Available dies for Series 25 for PK 25/2

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 - 500		353
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		353
Tubular cable lugs and connectors for fine stranded conductors		16 - 300		354
<b>Compression cable lugs and connectors acc. to DIN - Cu</b>				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		16 - 625		354
Double crimping compression cable lugs		2 x 50 - 2 x 120		354
<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		16 - 240		354
Insulated terminals and pin terminals		10 - 150		355
<b>Sleeves for compacted conductors and sector shaped conductors, Cu</b>				
Pre-rounding crimping dies for Al and Cu sector shaped conductors, 3 and 4 core sector shaped conductors		10 sm - 300 se / 300 sm		355
<b>Compression cable lugs and connectors acc. to DIN - Al</b>				
Compression cable lugs and connectors acc. to DIN - Al		10 - 500		355
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 300 mm <sup>2</sup>		25 - 300		355
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminium crimping		25/4 - 120/20		356
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		356
<b>Aluminium/copper compression cable lugs and connectors</b>				
Aluminum side of aluminium/copper compression cable lugs and connectors: crimping dies HA13, copper side of aluminium/copper compression cable lugs and connectors: crimping dies HD13		10 - 500		355
<b>Clamps and screw connectors</b>				
C-clamps		10 - 185		356
H-clamps		70 - 120		356
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		357
Cable end-sleeves, trapezoidal, for fine stranded conductors		25 - 240		357



## Crimping

Hydraulic crimping heads and crimping systems

### PK 45 Hydraulic crimping head 120 - 1000 mm<sup>2</sup>



**K45**  
SERIE

- ▶ Very large crimping range to 1000 mm<sup>2</sup>
- ▶ Good sturdy construction for safe operations
- ▶ For connecting to hydraulic pumps with 700 bar operating pressure for optimum crimping results

#### Characteristics









- Head with quick coupling, 360° rotation when not pressurised

#### Suitable for

- 45-series interchangeable dies, wide crimping

Technical data		
Crimping force	450 kN	
Crimping range	120 - 1000 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Weight	10.3 kg	
Height	265 mm	
Item	Part No.	
Hydraulic crimping head 120 - 1000 mm <sup>2</sup>	<b>PK45</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

### Available dies for Series 45 for PK 45

Suitable for	Connection material	Crimping range mm <sup>2</sup>	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		358
Compression cable lugs and connectors acc. to DIN - Al				
Compression cable lugs and connectors acc. to DIN - Al		150 - 500		358
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 150 - 300 mm <sup>2</sup>		150 - 300		358
Aluminium/copper compression cable lugs and connectors				
Aluminium side of aluminium/copper compression cable lugs and connectors: crimping dies HA45, copper side of aluminium/copper compression cable lugs and connectors: crimping dies HD45		150 - 500		358

## PK 1000 Hydraulic 100 t crimping heads up to 1000 mm<sup>2</sup>



**K100**  
SERIE

- ▶ Single-acting crimping head for connecting to hydraulic pumps with 700 bar operating pressure
- ▶ Compact, simple design
- ▶ Extremely high crimping force

### Characteristics

- Nickel-plated version
- Quick coupling

### Suitable for



- Interchangeable dies (outer: to IZUMI standard EP-100W, inside: DIN standard or customer request)

### Additional information

- Also available in country-specific variants, Part Number appendix "C"

Technical data	
Crimping force	1000 kN
Stroke	25 mm
Crimping range	up to 1000 mm <sup>2</sup>
Operating pressure	max. 700 bar
Weight	Without dies: 27 kg
Height	Incl. handles: 365 mm
Dimensions	External diameter: 195 mm
Item	Part No.
Hydraulic 100 t crimping head with Cejn coupling	<b>PK1000</b>

### Available dies for Series 100 for PK 1000

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimp profile	Page
Copper compression cable lugs and connectors acc. to DIN				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1)		625 - 1000		359

## TO CROSS-SECTION 1000 MM<sup>2</sup>

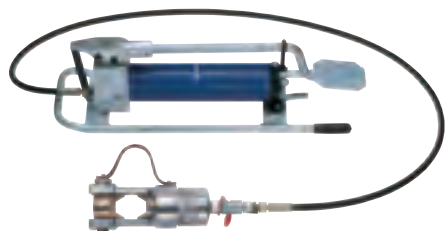
The hydraulic crimping head PK 1000 is suitable for crimping connectors and cables to DIN up to a cross-section of 1000 mm<sup>2</sup>. The crimping dies conform to DIN 48083 Part 3 in terms of their outer dimensions.



## Crimping

Hydraulic crimping heads and crimping systems

### HK 25/2 Hydraulic crimping tool with foot pump 16 - 625 mm<sup>2</sup>



- ▶ Extremely wide cross section range up to 625 mm<sup>2</sup>
- ▶ Hydraulic system with 250 kN crimping force
- ▶ Foot pump with two-stage hydraulics

#### Characteristics

- Head with quick coupling, 360° rotation when not pressurised
- Manual retract as required

#### Suitable for

- 25-series interchangeable dies, wide crimping

#### Additional information

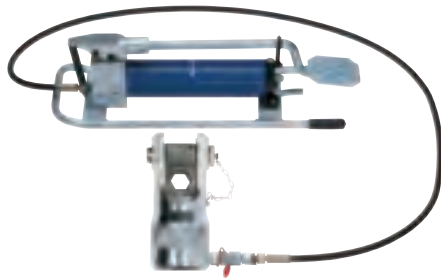
- The wide choice of available crimping dies can be found in chapter "Crimping dies" under Series 25.

Technical data	
Crimping force	250 kN
Crimping range	16 - 625 mm <sup>2</sup>
Operating pressure	max. 700 bar
Weight	17.6 kg



Item	Part No.	
Hydraulic crimping tool with foot pump 16 - 625 mm <sup>2</sup>	<b>HK252</b>	
Scope of supply		Page
Hydraulic hose, 2 m	HS22	497
Steel carrying case	MKU	196
Accessories		Page
Hydraulic hose, 3 m	HS23	497
Hydraulic hose, 4 m	HS24	497
Hydraulic hose, 5 m	HS25	497
Hydraulic hose, 6 m	HS26	497
Hydraulic hose, 8 m	HS28	497
Hydraulic hose, 10 m	HS210	497

## HK 45 Hydraulic crimping tool with foot pump 120 - 1000 mm<sup>2</sup>



**K45**  
SERIE

- ▶ Extremely large cross section range up to 1000 mm<sup>2</sup>
- ▶ Hydraulic system with 450 kN crimping force
- ▶ Foot pump with two-stage hydraulics

### Characteristics

- Head with quick coupling
- Manual retract as required
- Hydraulic hose, 2 m

### Suitable for

- 45-series interchangeable dies, wide crimping

### Additional information

- The wide choice of available crimping dies can be found in chapter "Crimping dies" under Series 45.

Technical data		
Crimping force	450 kN	
Crimping range	120 - 1.000 mm <sup>2</sup>	
Operating pressure	max. 700 bar	
Weight	23 kg	
Item	Part No.	
Hydraulic crimping tool with foot pump 120 - 1000 mm <sup>2</sup>	<b>HK45</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	497
Steel carrying case	MKU	196
Accessories	Part No.	Page
Hydraulic hose, 3 m	HS23	497
Hydraulic hose, 4 m	HS24	497
Hydraulic hose, 5 m	HS25	497
Hydraulic hose, 6 m	HS26	497
Hydraulic hose, 8 m	HS28	497
Hydraulic hose, 10 m	HS210	497





## Crimping

Hydraulic crimping heads and crimping systems

### HK 12/2 EL/380 Hydraulic crimping tool with pump, 16 - 400 mm<sup>2</sup>, 400 V



**K13**  
SERIE

- ▶ Large cross section range up to 400 mm<sup>2</sup>
- ▶ C-head with 42 mm jaw opening
- ▶ Suitable for portable use thanks to transport trolley and extremely long cable

#### Characteristics

- Head with quick coupling, 360° rotation when not pressurised
- Electronic control with AC motor

#### Suitable for

- 13-series interchangeable dies, wide crimping

#### Additional information

- The wide choice of available crimping dies can be found in chapter "Crimping dies" under Series 13.

Technical data	
Crimping force	120 kN
Crimping range	16 - 400 mm <sup>2</sup>
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 <sup>2</sup> , 400 V	<b>HK122EL380</b>

Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	497
Foot switch for electro-hydraulic pumps EHP 4 and HK 12/2 EL	FTA1	496
Transport trolley for electro-hydraulic pump EHP 2	TW50	

Accessories	Part No.	Page
Hydraulic hose, 3 m	HS23	497
Hydraulic hose, 4 m	HS24	497
Hydraulic hose, 5 m	HS25	497
Hydraulic hose, 6 m	HS26	497
Hydraulic hose, 8 m	HS28	497
Hydraulic hose, 10 m	HS210	497
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	496

## HK 25/2 EL/380 Hydraulic crimping tool with pump, 16 - 625 mm<sup>2</sup>, 400 V



- ▶ Extremely wide cross section range up to 625 mm<sup>2</sup>
- ▶ Crimping head, H-shape
- ▶ Suitable for portable use thanks to transport trolley and extremely long cable

### Characteristics

- Head with quick coupling, 360° rotation when not pressurised
- Electronic control with AC motor

### Suitable for

- 25-series interchangeable dies, wide crimping

### Additional information

- The wide choice of available crimping dies can be found in chapter “Crimping dies” under Series 25.

Technical data	
Crimping force	250 kN
Crimping range	16 - 625 mm <sup>2</sup>
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 <sup>2</sup> , 400 V	<b>HK252EL380</b>

Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	497
Foot switch for electro-hydraulic pumps EHP 4 and HK 12/2 EL	FTA1	496
Transport trolley for electro-hydraulic pump EHP 2	TW50	

Accessories	Part No.	Page
Hydraulic hose, 3 m	HS23	497
Hydraulic hose, 4 m	HS24	497
Hydraulic hose, 5 m	HS25	497
Hydraulic hose, 6 m	HS26	497
Hydraulic hose, 8 m	HS28	497
Hydraulic hose, 10 m	HS210	497
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	496