



**THK 18**

Hydraulic crimping tool for work bench assembly 6 - 185 mm²



- For dies acc. to DIN 48083, sheet 1
- For workbench assembly
- BG-compliant version

**Characteristics**

- For interchangeable dies, series 18, narrow crimping
- Quick disconnect coupler
- For connecting to hydraulic drive units with 700 bar operating pressure for the best possible crimping results

































Technical Data	
Crimping force:	60 kN
Operating pressure:	max. 700 bar
Height:	245 mm
Width:	Base plate: approx. 160 mm
Depth:	80 mm
Weight:	8.2 kg

**18**  
Klauke



Item	Part No.
Hydraulic crimping tool for work bench assembly 6 - 185 mm²	<b>THK18</b>

**Available dies for THK 18**

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimping 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		437
Insulated cable lugs and compression joints, „standard type“, insulated pin terminals		10 - 95		437
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		438
Tubular cable lugs and connectors for solid conductors		1.5 - 16		438
<b>Compression cable lugs and connectors to DIN, copper</b>				
Copper compression cable lugs (DIN 46235) and compression joints acc. to DIN	<b>DIN</b> 	6 - 185		438
<b>Solderless terminals, connectors and pin terminals to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors (DIN 46341) and Pin terminals (DIN 46230)		10 - 70		439
Insulated solderless terminals		10 - 50		439
<b>Sleeves for compacted conductors and sector shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10sm – 240se / 185sm		439
<b>Compression cable lugs and connectors to DIN, aluminium</b>				
Aluminium compression cable lugs and connectors	<b>Al</b> 	10 - 185		440
Compression joints for full-tension connections of Aldrey conductors acc. to DIN EN 50182	<b>Al</b> 	25 - 95		440
<b>Compression cable lugs and connectors, Al/Cu</b>				
Al/Cu compression cable lugs and connectors	<b>Al/Cu</b> 	10 - 185		440
<b>Clamps and screw connectors</b>				
Clamps, C-type		4 - 50		440
<b>Cable end-sleeves</b>				
Cable end-sleeves		10 - 95		441
Twin cable end-sleeves		2 x 4 - 2 x 16		441
Cable end sleeves, for „compact“ fine fine stranded conductors		10 - 95		441
Twin cable end sleeves, for „compact“ fine fine stranded conductors		2 x 4 - 2 x 16		441
Cutting die		Ø 18 mm		442

Please observe the restrictions in the technical index when crimping connectors!



■ **THK 22**

Hydraulic crimping tool for work bench assembly 6 - 300 mm²



- Large crimping range up to 300 mm²
- For workbench assembly
- BG-compliant version











































**Characteristics**

- For interchangeable dies, series 22, narrow crimping
- Quick disconnect coupler
- For connecting to hydraulic drive units with 700 bar operating pressure for the best possible crimping results

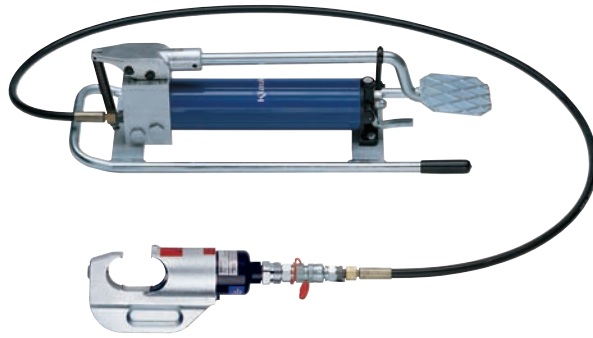
Technical Data	
Crimping force:	60 kN
Operating pressure:	max. 700 bar
Height:	245 mm
Width:	Base plate: approx. 160 mm
Depth:	120 mm
Weight:	12.3 kg

Item	Part No.
Hydraulic crimping tool for work bench assembly 6 - 300 mm²	<b>THK22</b>

**Available dies for THK 22**

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimping profile	Page
<b>Copper tubular cable lugs and connectors</b>				
Tubular cable-lugs and connectors „standard type“, tubular cable lugs for switchgear connections		6-300		443
Insulated cable lugs and compression joints, „standard type“, insulated pin terminals		10-150		443
Tubular cable lugs and connectors fine stranded conductors		10-70		444
Tubular cable lugs and connectors for solid conductors		1.5-16		444
<b>Tubular cable lugs and connectors, Ni, VA</b>				
Stainless steel tubular cable lugs and connectors	<b>VA</b> 	10 - 50		444
Nickel tubular cable lugs and connectors	<b>Ni</b> 	10 - 50		444
<b>Compression cable lugs and connectors to DIN, copper</b>				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN	<b>DIN</b> 	6-300		444
Double compression cable lugs	<b>DIN</b> 	2 x 50 - 2 x 70		445
<b>Solderless terminals, connectors and pin terminals to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN		10-70		445
Insulated solderless terminals		10-70		445
<b>Sleeves for compacted conductors and sector shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10sm- 300se/240sm		446
<b>Compression cable lugs and connectors to DIN, aluminium</b>				
Aluminium compression cable lugs and connectors to DIN	<b>Al</b> 	10-240		446
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120–185 mm <sup>2</sup>	<b>Al</b> 	25-185		446
Compression joints DIN 48085, part 3 for Al-/steel conductors DIN EN 50182	<b>Al</b> 	25 / 4- 120 / 20		447
<b>Compression cable lugs and connectors, Al/Cu</b>				
Al/Cu compression cable lugs and connectors	<b>Al/Cu</b> 	10-240		446
<b>Clamps and screw connectors</b>				
Clamps, C-type		4-50		447
Clamps, H-type		70		447
<b>Cable end-sleeves</b>				
Cable end-sleeves		10-240		448
Twin cable end-sleeves		2 x 4 - 2 x 16		448
Cable end sleeves, for „compacted“ fine fine stranded conductors		10-240		448
Twin cable end sleeves, for „compacted“ fine fine stranded conductors		2 x 4 - 2 x 16		449

Please observe the restrictions in the technical index when crimping connectors!



**HK 12/2**

Hydraulic crimping tool with foot pump 16 - 400 mm<sup>2</sup>

- Large crimping range up to 400 mm<sup>2</sup>
- C-head with 38 mm opening width
- Foot pump with two-stage hydraulics

**Characteristics**

- For interchangeable dies, series 13, wide crimping
- Crimping head, C-type with quick coupling, rotates 360°
- High-pressure hose, 2 m
- Manual retraction in case of need, even at high pressure



































Technical Data	
Crimping force:	130 kN
Operating pressure:	max. 700 bar
Weight:	17.7 kg

Item	Part No.	
Hydraulic crimping tool with foot pump 16 - 400 mm <sup>2</sup>	<b>HK122</b>	
Scope of supply	Part No.	Page
Foot pump 700 bar	FHP2	409
Hydraulic crimping head 16 - 400 mm <sup>2</sup>	PK12038	393
High-pressure hose, 2m	HS22	375
Steel carrying case	MKU	231

Accessories	Part No.	Page
Foot pump 700 bar	FHP2	409
Hydraulic crimping head 16 - 400 mm <sup>2</sup>	PK12038	393
High-pressure hose, 2m	HS22	375
High-pressure hose, 3m	HS23	375
High-pressure hose, 4m	HS24	375
High-pressure hose, 5m	HS25	375
High-pressure hose, 6m	HS26	375
High-pressure hose, 8m	HS28	375
High-pressure hose, 10m	HS210	375
Digital meter for force and pressure measurement	TC1S	425
Pressure sensor 1000 bar	TP1000	425

**Available dies for HK 12/2**

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimping 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		450
Insulated cable lugs and compression joints, „standard type“		10 - 150		451
Tubular cable lugs and connectors for fine stranded conductors		16 - 150		451
<b>Compression cable lugs and connectors to DIN, copper</b>				
Copper compression cable lugs and connectors to DIN	<b>DIN</b> 	16 - 300		451
Double compression cable lugs	<b>DIN</b> 	2 x 50 - 2 x 95		452
<b>Solderless terminals, connectors and pin terminals to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN		16 - 150		452
Insulated solderless terminals		10 - 95		452
<b>Sleeves for compacted conductors and sector shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10sm - 300sm		453
<b>Compression cable lugs and connectors to DIN, aluminium</b>				
Aluminium compression cable lugs and connectors to DIN	<b>Al</b> 	10 - 240		453
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120–185 mm <sup>2</sup>	<b>Al</b> 	25 - 185		454
Compression joints acc. to DIN 48085, part 3 for Al/St-cable acc. to DIN EN 50182	<b>Al</b> 	25 / 4 - 120 / 20		454
<b>Compression cable lugs and connectors, Al/Cu</b>				
Al/Cu compression cable lugs and connectors	<b>Al/Cu</b> 	10 - 240		453
<b>Clamps and screw connectors</b>				
Clamps, C-type		10 - 70		455
Clamps, H-type		70 - 120		455
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		455
Cable end-sleeves special trapezoid crimp for „compacted“ fine stranded conductors		25 - 240		456

Please observe the restrictions in the technical index when crimping connectors!

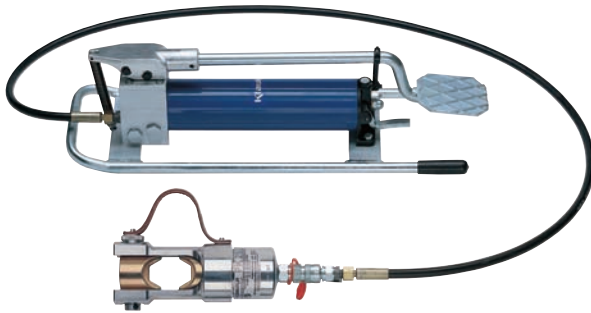
### ■ HK 25/2

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

- For interchangeable dies for series 25 to DIN 48083, part 3
- Hydraulic system with 250 kN crimping force
- Foot pump with two-stage hydraulics

#### Characteristics

- Crimping head, H-type with quick coupling, rotates 360°
- High-pressure hose, 2 m
- Manual retraction in case of need, even at high pressure



































Technical Data	
Crimping force:	250 kN
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	Part No.	Page
Foot pump 700 bar	FHP2	409
Hydraulic crimping head 16 - 625 mm <sup>2</sup>	PK252	397
High-pressure hose, 2m	HS22	375
Steel carrying case	MKU	231

Accessories	Part No.	Page
Foot pump 700 bar	FHP2	409
Hydraulic crimping head 16 - 625 mm <sup>2</sup>	PK252	397
High-pressure hose, 2m	HS22	375
High-pressure hose, 3m	HS23	375
High-pressure hose, 4m	HS24	375
High-pressure hose, 5m	HS25	375
High-pressure hose, 6m	HS26	375
High-pressure hose, 8m	HS28	375
High-pressure hose, 10m	HS210	375
Digital meter for force and pressure measurement	TC1S	425
Pressure sensor 1000 bar	TP1000	425

**Available dies for HK 25/2**

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimping 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		457
Copper insulated cable lugs and connectors, insulated pin terminals		10 - 150		457
Tubular cable lugs and connectors for fine stranded conductors		16 - 300		458
<b>Compression cable lugs and connectors to DIN, copper</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN	<b>DIN</b> 	16 - 625		458
Double compression cable lugs	<b>DIN</b> 	2 x 50 - 2 x 120		458
<b>Solderless terminals, connectors and pin terminals to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN		16 - 240		459
Insulated solderless terminals		10 - 150		459
<b>Sleeves for compacted conductors and sector shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10sm - 300sm		459
<b>Compression cable lugs and connectors to DIN, aluminium</b>				
Aluminium/copper compression cable lugs and connectors acc. to DIN	<b>Al</b> 	10 - 500		460
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120–300 mm <sup>2</sup>	<b>Al</b> 	25 - 300		460
Compression joints DIN 48085, part 3 for Al-conductors DIN EN 50182	<b>Al</b> 	25 / 4 - 120 / 20		460
<b>Compression cable lugs and connectors, Al/Cu</b>				
Aluminium/copper compression cable lugs and connectors acc. to DIN	<b>Al/Cu</b> 	10 - 500		460
<b>Clamps and screw connectors</b>				
Clamps, C-type		10 - 185		461
Clamps, H-type		70 - 120		461
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		462
Cable-end sleeves special trapezoid crimp for „compacted“ fine stranded conductors		25 - 240		462

Please observe the restrictions in the technical index when crimping connectors!



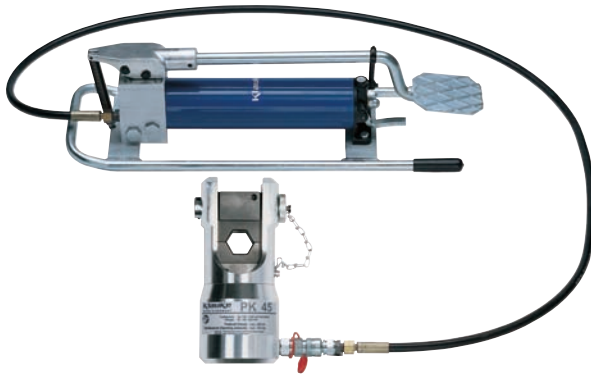
### ■ HK 45

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

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

#### Characteristics

- For 45-series interchangeable dies, wide crimping
- High-pressure hose, 2 m
- Crimping head, H-shape
- Manual retraction in case of need, even at high pressure



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Technical Data	
Crimping force:	450 kN
Operating pressure:	max. 700 bar
Weight:	23.0 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
Foot pump 700 bar	FHP2	409
Hydraulic crimping head 120 - 1000 mm <sup>2</sup>	PK45	399
High-pressure hose, 2m	HS22	375
Steel carrying case	MKU	231

Accessories	Part No.	Page
Foot pump 700 bar	FHP2	409
Hydraulic crimping head 120 - 1000 mm <sup>2</sup>	PK45	399
High-pressure hose, 2m	HS22	375
High-pressure hose, 3m	HS23	375
High-pressure hose, 4m	HS24	375
High-pressure hose, 5m	HS25	375
High-pressure hose, 6m	HS26	375
High-pressure hose, 8m	HS28	375
High-pressure hose, 10m	HS210	375
Digital meter for force and pressure measurement	TC1S	425
Pressure sensor 1000 bar	TP1000	425

#### Available dies for HK 45

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimping profile	Page
Compression cable lugs and connectors to DIN, copper				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN	DIN	120 - 1000		463
Compression cable lugs and connectors to DIN, aluminium				
Aluminium compression cable lugs and connectors to DIN	Al	150 - 500		463
Compression joints for full tension connections of Al-conductors acc. to DIN EN 50182	Al	150 - 300		463

■ **HK 12/2 EL**

Hydraulic crimping tool with electric hydraulic unit 16 - 400 mm<sup>2</sup>

- Large cross section range
- C-head with 38 mm opening width
- For portable use

**Characteristics**

- For 13-series interchangeable dies, wide crimping
- Crimping head with quick coupling, rotates 360°
- High-pressure hose, 2 m
- Connecting cable, 10 m
- Electronic control



Technical Data		
	HK 12/2 EL/380	HK 12/2 EL/220
Version:	3-phase motor, 400 V	AC motor 230 V
Rated output:	0.75 kW	0.75 kW
Motor voltage:	360 V - 440 V / 50 Hz	230 V / 50 Hz
Capacity:	0.82 l/min	0.9 l/min
Crimping force:	130 kN	130 kN
Operating pressure:	max. 700 bar	max. 700 bar
Weight:	44.5 kg	52.8 kg

Item	Part No.	
Hydraulic crimping tool with electric Hydraulic unit 400 V	<b>HK122EL380</b>	
Hydraulic crimping tool with electric Hydraulic unit 230 V mains voltage	<b>HK122EL220</b>	
Scope of supply	Part No.	Page
High-pressure hose, 2m	HS22	375
Transport trolley	TW50	377
Foot switch	FTA1	378
Hydraulic crimping head 16 - 400 mm <sup>2</sup>	PK12038	393

Accessories	Part No.	Page
Hydraulic crimping head 16 - 400 mm <sup>2</sup>	PK12038	393
Foot switch	FTA1	378
Transport trolley	TW50	377
High-pressure hose, 2m	HS22	375
High-pressure hose, 3m	HS23	375
High-pressure hose, 4m	HS24	375
High-pressure hose, 5m	HS25	375
High-pressure hose, 6m	HS26	375
High-pressure hose, 8m	HS28	375
High-pressure hose, 10m	HS210	375
Digital meter for force and pressure measurement	TC1S	425
Pressure sensor 1000 bar	TP1000	425

## Hydraulic systems

### Available dies for HK 12/2 EL

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimping 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		457
Copper insulated cable lugs and connectors, insulated pin terminals		10 - 150		457
Tubular cable lugs and connectors for fine stranded conductors		16 - 300		458
<b>Compression cable lugs and connectors to DIN, copper</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN	<b>DIN</b> 	16 - 625		458
Double compression cable lugs	<b>DIN</b> 	2 x 50 - 2 x 120		458
<b>Solderless terminals, connectors and pin terminals to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN		16 - 240		459
Insulated solderless terminals		10 - 150		459
<b>Sleeves for compacted conductors and sector shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10sm - 300sm		459
<b>Compression cable lugs and connectors to DIN, aluminium</b>				
Aluminium/copper compression cable lugs and connectors acc. to DIN	<b>Al</b> 	10 - 500		460
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120–300 mm <sup>2</sup>	<b>Al</b> 	25 - 300		460
Compression joints DIN 48085, part 3 for Al-conductors DIN EN 50182	<b>Al</b> 	25 / 4 - 120 / 20		460
<b>Compression cable lugs and connectors, Al/Cu</b>				
Aluminium/copper compression cable lugs and connectors acc. to DIN	<b>Al/Cu</b> 	10 - 500		460
<b>Clamps and screw connectors</b>				
Clamps, C-type		10 - 185		461
Clamps, H-type		70 - 120		461
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		462
Cable-end sleeves special trapezoid crimp for „compacted“ fine stranded conductors		25 - 240		462

**■ HK 25/2 EL**

Hydraulic crimping tool with electric hydraulic unit 16 - 625 mm<sup>2</sup>

- Very large cross section range
- Crimping head, H-shape
- For portable use

**Characteristics**

- For 25-series interchangeable dies, wide crimping
- Crimping head with quick coupling, rotates 360°
- High-pressure hose, 2 m
- Connecting cable, 10 m
- Electronic control



Technical Data		
	HK 25/2 EL/380	HK 25/2 EL/220
Version:	3-phase motor, 400 V	AC motor 230 V
Rated output:	0.75 kW	0.75 kW
Motor voltage:	360 V - 440 V / 50 Hz	230 V / 50 Hz
Capacity:	0.82 l/min	0.9 l/min
Crimping force:	250 kN	250 kN
Operating pressure:	max. 700 bar	max. 700 bar
Weight:	45.9 kg	53.0 kg



Item	Part No.	
Hydraulic crimping tool with electric Hydraulic unit 400 V mains voltage	<b>HK252EL380</b>	
Hydraulic crimping tool with electric Hydraulic unit 230 V mains voltage	<b>HK252EL220</b>	
Scope of supply	Part No.	Page
High-pressure hose, 2m	HS22	375
Transport trolley	TW50	377
Foot switch	FTA1	378
Hydraulic crimping head 16 - 625 mm <sup>2</sup>	PK252	397

Accessories	Part No.	Page
Hydraulic crimping head 16 - 625 mm <sup>2</sup>	PK252	397
Foot switch	FTA1	378
Transport trolley	TW50	377
High-pressure hose, 2m	HS22	375
High-pressure hose, 3m	HS23	375
High-pressure hose, 4m	HS24	375
High-pressure hose, 5m	HS25	375
High-pressure hose, 6m	HS26	375
High-pressure hose, 8m	HS28	375
High-pressure hose, 10m	HS210	375
Digital meter for force and pressure measurement	TC1S	425
Pressure sensor 1000 bar	TP1000	425

## Hydraulic systems

### Available dies for HK 25/2 EL

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimping 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		457
Copper insulated cable lugs and connectors, insulated pin terminals		10 - 150		457
Tubular cable lugs and connectors for fine stranded conductors		16 - 300		458
<b>Compression cable lugs and connectors to DIN, copper</b>				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN	<b>DIN</b> 	16 - 625		458
Double compression cable lugs	<b>DIN</b> 	2 x 50 - 2 x 120		458
<b>Solderless terminals, connectors and pin terminals to DIN, copper</b>				
Solderless terminals (DIN 46234), connectors and pin terminals (DIN 46230) acc. to DIN		16 - 240		459
Insulated solderless terminals		10 - 150		459
<b>Sleeves for compacted conductors and sector shaped conductors, copper</b>				
Pre-rounding dies for sector-shaped Al and Cu conductors		10sm - 300sm		459
<b>Compression cable lugs and connectors to DIN, aluminium</b>				
Aluminium/copper compression cable lugs and connectors acc. to DIN	<b>Al</b> 	10 - 500		460
Compression joints connections for Aldrey-conductors DIN EN 50182, Al-conductors DIN EN 50182, 120–300 mm <sup>2</sup>	<b>Al</b> 	25 - 300		460
Compression joints DIN 48085, part 3 for Al-conductors DIN EN 50182	<b>Al</b> 	25 / 4 - 120 / 20		460
<b>Compression cable lugs and connectors, Al/Cu</b>				
Aluminium/copper compression cable lugs and connectors acc. to DIN	<b>Al/Cu</b> 	10 - 500		460
<b>Clamps and screw connectors</b>				
Clamps, C-type		10 - 185		461
Clamps, H-type		70 - 120		461
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		462
Cable-end sleeves special trapezoid crimp for „compact“ fine stranded conductors		25 - 240		462