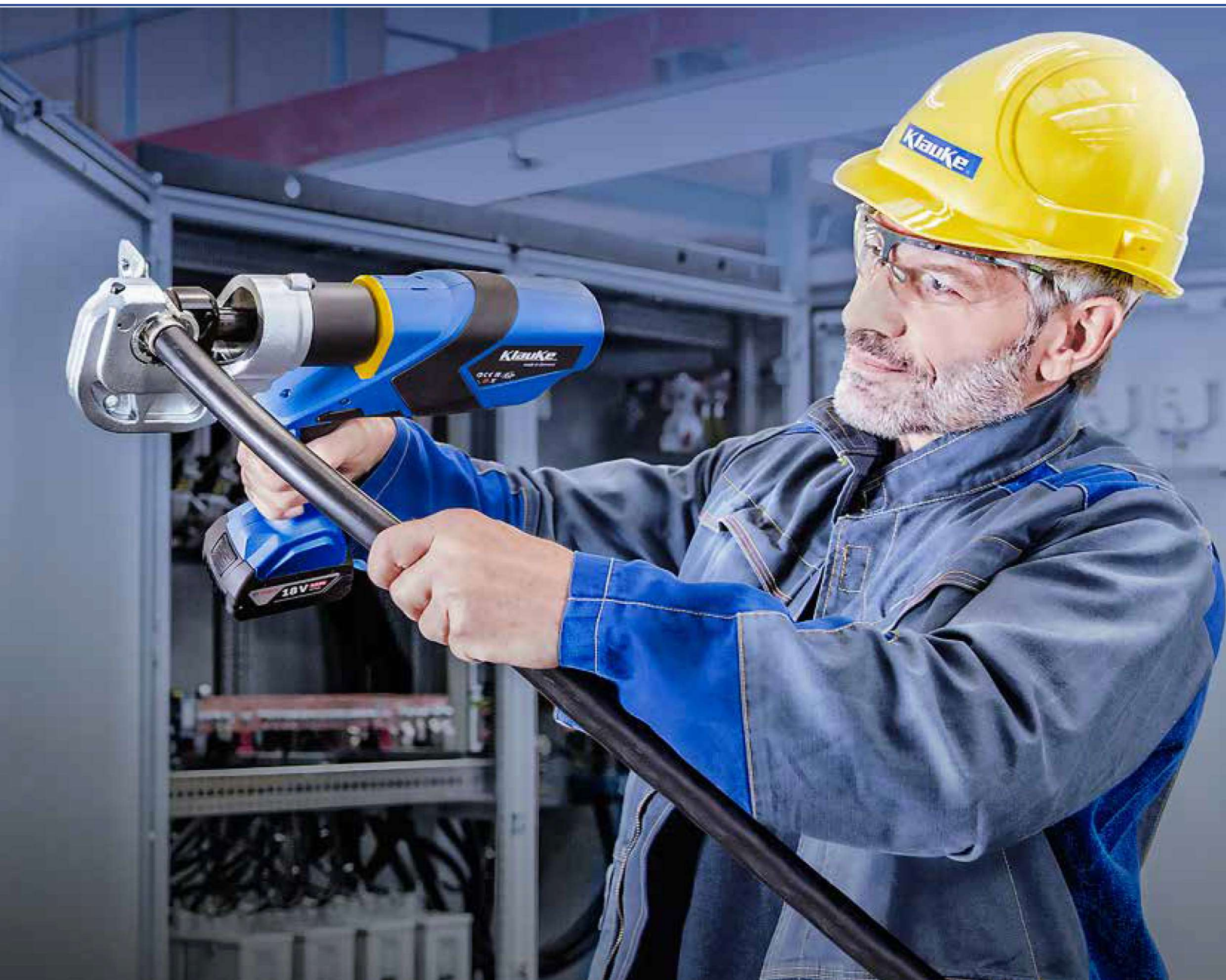




BEST OF KLAUKE

Electrical connection systems, Crimping and Cutting tools, Hydraulic safety tools, Holemaking tools, Universal tools, Hand tools, Cable Pulling technology

Klauketools.hu




**Tubular cable lugs copper *
6 - 630 mm², L-series**

Standard type

- For stranded conductors e.g. DIN EN 60228 Class 2
- For pre-rounded sector shaped conductors
- Also available without inspection hole
- Material/Surface: copper acc. to EN 13600/tin plated

mm²	M5	M6	M8	M10	M12	M14	M16	M20
6	L65MS	L66MS	L68MS	L610MS				
10	L105MS	L106MS	L108MS	L1010MS	L1012MS			
16	L165MS	L166MS	L168MS	L1610MS	L1612MS	L1614MS	L1616MS	
25	L255MS	L256MS	L258MS	L2510MS	L2512MS	L2514MS	L2516MS	
35		L356MS	L358MS	L3510MS	L3512MS	L3514MS	L3516MS	
50		L506MS	L508MS	L5010MS	L5012MS	L5014MS	L5016MS	
70		L706MS	L708MS	L7010MS	L7012MS	L7014MS	L7016MS	
95		L956MS	L958MS	L9510MS	L9512MS	L9514MS	L9516MS	L9520MS
120			L1208MS	L12010MS	L12012MS	L12014MS	L12016MS	L12020MS
150			L1508MS	L15010MS	L15012MS	L15014MS	L15016MS	L15020MS
185			L1858MS	L18510MS	L18512MS	L18514MS	L18516MS	L18520MS
240				L24010MS	L24012MS	L24014MS	L24016MS	L24020MS
300				L30010MS	L30012MS	L30014MS	L30016MS	L30020MS
400				L40010MS	L40012MS	L40014MS	L40016MS	L40020MS
500				L50010MS	L50012MS	L50014MS	L50016MS	L50020MS
630							L63016MS	L63020MS

* 90° and 45° angled versions on request




**Tubular cable lugs copper *
10 - 300 mm², F-series**

- For fine strand conductors e.g. DIN EN 60228 Class 5 and 6
- Also available with inspection hole
- Material/Surface: Copper acc. to EN 13600/tin plated

mm²	M5	M6	M8	M10	M12	M14	M16	M20
10	702F5	702F6	702F8	702F10	702F12			
16	703F5	703F6	703F8	703F10	703F12			
25	704F5	704F6	704F8	704F10	704F12			
35		705F6	705F8	705F10	705F12	705F14		
50		706F6	706F8	706F10	706F12	706F14	706F16	
70			707F8	707F10	707F12	707F14	707F16	
95			708F8	708F10	708F12	708F14	708F16	
120				709F10	709F12	709F14	709F16	709F20
150				710F10	710F12	710F14	710F16	710F20
185					711F12	711F14	711F16	711F20
240				712F10	712F12	712F14	712F16	712F20
300					713F12	713F14	713F16	713F20

* 90° and 45° angled versions on request




**Tubular cable lugs Al
10 - 400 mm²**

- Material/Surface: E-Al/bright
- For non tension connection of Al-conductors according to DIN EN 60228 and Al-cables according to DIN EN 50182
- Tube according to DIN 46329
- Also available with oil stop

mm² rm/sm*	mm² re/se *	M6	M8	M10	M12	M16	M20
10	--	202R6	202R8			208R16	
16	25		203R8	203R10		209R16	
25	35		204R8	204R10		210R16	210R20
35	50			205R10	205R12	211R16	211R20
50	70			206R10	206R12	212R16	212R20
70	95			207R10	207R12	213R16	213R20
95	120			208R10	208R12	208R16	
120	150				209R12	209R16	
150	185				210R12	210R16	210R20
185	240				211R12	211R16	211R20
240	300				212R12	212R16	212R20
300	--					213R16	213R20
400	--					214R16	214R20




**Compression cable lugs Al/Cu
16 - 300 mm²**

- Material/Surface: E-Al, Copper acc. to EN 13600/bright
- For non tension connection of Al-conductors according to DIN EN 60228 and Al-cables
- For connections of Al conductors with Cu bars in areas with high humidity

mm² rm/sm*	mm² re/se *	M8	M10	M12	M16	M20
16	25	363R8	363R10			
25	35	364R8	364R10	364R12		
35	50	365R8	365R10	365R12		
50	70	366R8	366R10	366R12		
70	95		367R10	367R12		
95	120		368R10	368R12	368R16	
120	150			369R12	369R16	
150	185			370R12	370R16	370R20
185	240		371R10	371R12	371R16	371R20
240	300		372R10	372R12	372R16	372R20
300	--			373R12	373R16	373R20

* rm = round multi-stranded, sm = sector stranded, se = sector solid




**Butt connectors copper
0.75 - 630 mm², L-series**

Standard type

- For stranded conductors e.g. DIN EN 60228 Class 2
- Annealed material optimizes material and crimping characteristics

mm²	
0.75	LV075
1.5	LV15
2.5	LV2.5
4	LV4
6	LV6
10	LV10
16	LV16
25	LV25
35	LV35
50	LV50
70	LV70
95	LV95
120	LV120
150	LV150
185	LV185
240	LV240
300	LV300
400	LV400
500	LV500
630	LV630




**Tubular cable lugs copper *
35 - 300 mm²**

Standard type, narrow palm version

- For switch gear connections
- Also available with inspection hole
- Material/Surface: Copper acc. to EN 13600/tin plated

mm²	M6	M8
35	5SG6	
50	6SG6	6SG8
70	7SG6	7SG8
95	8SG6	8SG8
120	9SG6	9SG8
150	10SG6	10SG8

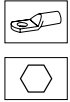
mm²	M10	M12
50	6SG10	
70	7SG10	7SG12
95	8SG10	8SG12
120	9SG10	9SG12
150	10SG10	10SG12
185	11SG10	11SG12
240	12SG10	12SG12
300	13SG10	13SG12

mm²	M16
185	11SG16
240	12SG16
300	13SG16



Crimping and cutting tools

Klauke Micro

			Cu/Al		Cu/Al CL. 2		Cu/Al CL. 2		50 mm² K50 SERIE 
K05L K06L K09L	10 - 70 mm² 6 - 120 mm² 25 - 150 mm²	K118 max. dia 12 mm	- For solid, stranded, fine- and super fine stranded conductors, DIN EN 60228 cl. 1, 2, 5 and 6 - For fine and super fine conductors, Class 5 up to 50 mm² - High cutting performance by specially designed cutting blades	K106/1 max. dia 34 mm	- Lightweight design with great cutting performance - Effortless working thanks to 2-stage ratchet system	K106/2 max. dia 62 mm	2-stage ratchet system - Lightweight design with high cutting performance	EK50ML 0.14 - 50 mm²	- For interchangeable dies, series 50 - One-lever operation - Automatic retraction - Very low weight (0.96 kg) - Crimping force: 15 kN
Hand-operated cutting tools for Cu and Al cable Class 2									

Battery powered crimping tools (also available with Bosch or Makita battery)

	150 mm² K4 SERIE		240 mm² K5 SERIE 		300 mm² K22 SERIE 		400 mm² K13 SERIE 		240 mm² 
EK354 6 - 150 mm²	- For crimping dies series 4 - Slim crimping head - Blue tooth for readout of data 18 V/2.0 Ah Li-Ion battery - Crimping force: 35 kN	EK505 6 - 240 mm²	- For crimping dies series 5 - Intelligent Pressing System „IPS“ - Display for tool data 18 V/2.0 Ah Li-Ion battery - Crimping force: 50 kN	EK6022 6 - 300 mm²	- For crimping dies series 22 - Intelligent Pressing System „IPS“ - Display for tool data 18 V/5 Ah Li-Ion battery - Crimping force: 60 kN	EK12042 10 - 400 mm²	- For crimping dies series 13 - C-head with 42 mm opening width - Intelligent Pressing System „IPS“ - Automatic retraction stop (ARS) 18 V/5 Ah Li-Ion battery - Crimping force: 120 kN, wide crimping	EKM60ID 240 mm²	- No dies required - With 2-stage telescopic cylinder - Intelligent Pressing System „IPS“ 18 V/2.0 Ah Li-Ion battery - Crimping force: 30-60 kN

Battery powered cutting tools (also available with Bosch or Makita battery)

Klauke Multi

	Ø 25 mm Cu/Al ACSR		Ø 35 mm Cu/Al		Ø 50 mm Cu/Al		Ø 65 mm Cu/Al		3 in 1 
ESM25 max. dia 25 mm	- For cutting Al/St-wires (ACSR), round material (Cu, Al), armoured cables and stay wire 18 V/5 Ah Li-Ion battery - Cutting force: 67 kN	ESM35 max. dia 35 mm	- For cutting copper and aluminium cables of all classes of conductor - Protected cutting mechanism through plastic housing 18 V/2.0 Ah, Li-Ion battery - Cutting force: 25 kN	ESM 50 max. dia 50 mm	- For cutting copper and aluminium cables (even fine stranded conductors) 18 V/2.0 Ah, Li-Ion battery - Cutting force: 38 kN	ES65 max. dia 65 mm	- Cuts light steel armoured copper and aluminium cables (depending on type of cable), suitable for fine stranded cables - Innovative opening mechanism 18 V/5 Ah Li-Ion battery - Cutting force: 40 kN	EKM60UNV	- One head for crimping, cutting and punching - one tool for all - Small and slim, perfect for confined areas 18 V/2.0 Ah Li-Ion battery - Max. force: 60kN

Crimping and cutting heads, safety cutting tool, pumps

	625 mm² K13 SERIE K25 SERIE		Ø 105 mm Cu/Al armiert		700 bar		Ø 120 mm		700 bar 
PK25/2 16 - 625 mm²	- Hydraulic crimping head - For crimping dies series 13 (with adapter) and series 25 - Crimping force: 250 kN - For connecting to hydraulic drive unit with 700 bar operating pressure	SDG105 max. dia 105 mm	- Hydraulic cutting head - Cuts armoured copper and aluminum cables - Cutting force: 120 kN - For connecting to hydraulic drive unit with 700 bar operating pressure	PK1000	- Single-acting crimping head for connecting pumps - For interchangeable dies, - Nickel-plated version - Quick coupling - Operation pressure: 700 bar	ASSG120SL max. dia 120 mm	- BG-approved safety cutting tool - Various head sizes (open or guillotine shape) up to 120 mm - Incl. 2 x 18 V/5 Ah Li-Ion batteries	AHP700L drive unit	- For crimping, cutting and punching - Intelligent Pressing System "IPS" - Multifunction LED for data communication to PC 2 x 18 V/4 Ah Li-Ion batteries - Operation pressure: max. 700 bar

Insulated cable connections and cable end-sleeves



Insulated solderless terminals 0.5 - 6 mm²

mm ²	M3	M3.5	M4	M5	M6	M8
0.5 - 1.0	6203	62035	6204	6205	6206	6208
1.5 - 2.5	6303	63035	6304	6305	6306	6308
4 - 6			6504	6505	6506	6508



Insulated solderless terminals fork type 0.5 - 6 mm²

mm ²	M3.5	M4	M5	M6	M8
0.5 - 1.0	620C35	620C4	620C5	620C6	
1.5 - 2.5	630C35	630C4	630C5	630C6	
4 - 6		650C4	650C5	650C6	650C8



Insulated receptacles 0.5 - 6 mm²

mm ²	2.8 x 0.5	2.8 x 0.8	4.8 x 0.5	4.8 x 0.8	6.3 x 0.8	7.7 x 0.5
0.5 - 1.0	8201	8201A	8202	8203	720	7208
1.5 - 2.5	8301	8301A	8302	8303	730	7308
4 - 6				8503	750	



Insulated tabs 0.5 - 6 mm²

mm ²	0.5 - 1.0	1.5 - 2.5	4 - 6
2.8 x 0.5	8201C		
2.8 x 0.8	8201B		
4.8 x 0.5	8202B	8302B	8502B
4.8 x 0.8	8203B	8303B	8503B
6.3 x 0.8	820	830	850



Insulated cable end-sleeves 0.5 - 50 mm² acc. to DIN 46228 part 4

mm ²	L1	L2	mm ²	L1	L2
0.5	12	6	6	20	12
	14	8		26	18
	14	8		22	12
0.75	16	10	10	28	18
	14	8		24	12
1	16	10		28	18
	14	8		30	16
	16	10		32	18
	18	12		30	16
1.5	14	8		32	18
	16	10		36	20
	18	12		40	25
2.5	17	10			
	20	12			
4					



ST 11 B Pocket box with insul. cable end-sleeves 0.5 - 2.5 mm² acc. to DIN 46228 p. 4

50 x 0.5 mm ²	100 x 0.75 mm ²
100 x 1 mm ²	100 x 1.5 mm ²
50 x 2.5 mm ²	

ST 12 B Pocket box with insul. cable end-sleeves 4 - 16 mm² acc. to DIN 46228 p. 4

50 x 4 mm ²	20 x 6 mm ²
20 x 10 mm ²	10 x 16 mm ²



Insulated pin terminals 0.5 - 6 mm²

mm ²	
0.5 - 1.0	705
1.5 - 2.5	710
4 - 6	715



Insulated receptacles (fully insulated) 0.5 - 6 mm²

mm ²	
0.5 - 1.0	720V
1.5 - 2.5	730V
4 - 6	750V



Insulated receptacles multiple type 0.5 - 6 mm²

mm ²	
0.5 - 1.0	720AZ
1.5 - 2.5	730AZ
4 - 6	750AZ



Insulated butt connectors 0.5 - 6 mm²

mm ²	
0.5 - 1.0	670
1.5 - 2.5	680
4 - 6	700



Insulated closed endsplices 1.5 - 6 mm²

mm ²	
1.5 - 2.5	1130
4 - 6	1150

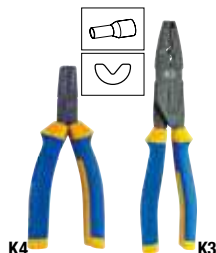


Insulated twin cable end-sleeves 2 x 0.5 - 2 x 16 mm²

mm ²	L1	L2	
2 x 0.5	15	8	8698
2 x 0.75	15	8	8708
2 x 1	15	8	8718
2 x 1.5	15	8	8728
2 x 2	15	8	8738
2 x 2.5	15	8	8748
2 x 3	15	8	8758
2 x 4	15	8	8768
2 x 6	15	8	8778
2 x 10	15	8	8788
2 x 16	15	8	8798

• For multi-purpose use of clamps

Mechanical crimping tools



K4 K3

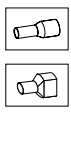
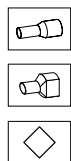
K4 0.5 - 2.5 mm²
K3 0.5 - 16 mm²

- Spring supported tool opening (K4)
- With wire cutter (K3)
- For cable end-sleeves



K301/4K 0.14 - 10 mm²
2 x 0.25 - 2 x 4 mm²

- With ratchet
- Positioner for exact crimping results



K304K/ K306K 0.08 - 16 mm²
2 x 0.5 - 2 x 10 mm²

- One crimping profile for all sections
- K304K: Square crimping
- K306K: Hexagonal crimping



K28 10 - 50 mm²
2 x 4 - 2 x 16 mm²

- With ratchet
- Trapezoid crimping



K82 0.5 - 6 mm²

- Crimping of conductor and insulation in one step
- With ratchet
- For insulated cable connections



K507 0.5 - 10 mm²

- Exchangeable dies integrated in handle
- 0.5 - 6 mm²
- 0.5 - 10 mm²
- 0.5 - 10 mm²

For cable end-sleeves and twin cable end-sleeves

Battery-powered crimping tools Orange Line with integrated voltage protection up to 1,000 V

 300 mm² Cu/Al	 240 mm² Cu/Al	 Ø 20 mm Ø 32 mm Cu/Al ACSR	 Ø 25 mm Ø 35 mm Cu/Al ACSR	 Ø 50 mm Cu/Al
EKM6022IS max. 300 mm² - Insulated and VDE certified up to 1,000 V - Large crimping range up to 300 mm² - Crimping force: 60 kN	EKM60IDIS max. 240 mm² - Insulated and VDE certified up to 1,000 V - Extra large crimping area due to innovative 2-stage telescopic cylinder - Indent crimping - no changing of dies required - Crimping force: 30-60 kN	ES20IS max. Ø 25 mm ES32IS max. Ø 32 mm - Insulated and VDE certified up to 1,000 V - ES20IS: For cutting Al/St conductors (ACSR), solid Al/Cu cables and laminated copper bus bars - For cutting stranded Cu and Al cables	ESM25IS max. Ø 25 mm ESM35IS max. Ø 35 mm - Insulated and VDE certified up to 1,000 V - ESM25IS: For cutting Al/St wires (ACSR), round materials (Cu, Al, St) as well as armoured cables - ESM35IS: For cutting Cu and Al cables (fine-wired also), even armoured cable	ESM50IS max. Ø 50 mm - Insulated and VDE certified up to 1,000 V - For cutting Cu and Al cables (fine-wired also)

VDE tools



1000V
IEC 60900

 VDE Cable cutter KL040160IS - High cutting performance on hard wires and soft wires - Length: 160 mm	 VDE Heavy-duty lever side cutter KL044200IS 18° angled head - Inductive hardened precision cutting edges for superfine wires - Cuts soft and medium-hard wires - Length: 200 mm	 VDE Cable cutter KL010210IS - Stripping and cutting of copper and aluminum cables - Adjustable joint - Length: 210 mm	 VDE Combination pliers KL020180IS - Holds flat and round material, cuts hard and soft wires - With combination ring spanner 11 – 17 mm (M8 - M10)	 VDE Telephone pliers, bent KL055205IS - Serrated jaws, 45° angled flat-round jaws - With wire cutter - Length: 205 mm
 VDE Screwdriver Slim Line PZ1/PZ2 - For Pozidriv screws - PZ1: KL120PZ1ISLIM - PZ2: KL120PZ2ISLIM	 VDE Screwdriver Slim Line Z1/Z2 - For Plus/Minus screws - For switchgear - Z1: KL130PM1ISLIM - Z2: KL130PM2ISLIM	 VDE Screwdriver set KL390IS, 6 pcs - Phillips: 80 x PH1 / 100 x PH2 - Slotted: 2.5 x 0.4 x 75 / 4.0 x 0.8 x 100 / 5.5 x 1.0 x 125 mm - Single-pole voltage tester, 150 V - 250 V	 VDE Screwdriver set Slim Line KL390ISLIM, 5 pcs - Pozidriv Slim Line: 80 x PZ1 / 100 x PZ2 - Slotted Slim Line: 3.5 x 0.6 x 100 / 5.5 x 1.0 x 125 mm - Single-pole voltage tester, 150 V - 250 V	

Standard, wire stripping and stripping tools

 Engineers professional case KL905B15, 15 pcs - Technicians notebook/tool bag - Equipped with VDE and standard tools - Material: Hard-wearing nylon	 Socket head bit set 1/4" KL361, 28 pcs - Ratchet 1/4" 16 Bits, 1 Quick-change chuck - Smart handle 2 Extensions 75 mm, 150 mm	 Automatic wire stripping tool K43/3 - Self-adjustable cutting and stripping tool incl. cutter for fine stranded cable - Spare stripping knife in handle - Stripping range: 0.03 - 16 mm²	 Cable stripper K400 - Exchangeable hooks, width 4.5 - 40 mm - Stripping diameter max. 21/40 mm	 Electricians knife with straight blade KL745GK with hooked blade KL745HK Precise, fast and safe stripping of all standard round cables from 4 - 28 mm dia
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Round punches



Slug Buster punches SLUG-BUSTER®

- Suitable for mild steel, plastic and aluminum up to 3.5 mm
- Complete system including punch, die and draw stud for manual operation

Punch Size			Max. material- thickness mm (mild steel)	Complete unit
True di- mension mm	Standard size			
	Pg	ISO		
12.5	7	12	1.5	50067273
15.2	9		2.0	50319892
16.2		16	2.0	50351770
18.6	11		2.0	50319906
20.4	13	20	2.0	50319914
22.5	16		2.0	50319620
25.4		25	2.0	50351788
28.3	21		3.0	50319639
28.3	21		2.0	50319930
30.5			2.0	50365088
30.5			3.0	50602462
32.5		32	3.0	50351796

Punch Size		Max. material- thickness mm (mild steel)	Complete unit
True di- mension mm	Standard size Pg ISO		
34.6		3.0	50319647
37.0	29	3.0	50319957
40.5	40	3.0	50351800
43.2		3.0	50319655
47.0	36	3.0	50319965
49.6		3.0	50319663
50.8	50	3.0	50351818
54.0	42	3.0	50361716
60.0	48	3.0	50319981
61.5		3.0	50319671
64.0	63	3.0	50351826



SPEED PUNCH™ punches

- Up to 3x faster than conventional punching tools
- Simple operation and great time-saving due to speed lock system

Punch Size			Max. material-thickness mm (mild steel)	Complete unit
True di- mension mm	Standard size			
	Pg	ISO		
16.2		16	3.5	52055431
20.4		20	3.5	52055432
22.5	16		3.5	52055433
25.4		25	3.5	52055434
32.5		32	3.5	52055435
40.5		40	3.5	52055436
50.8		50	3.5	52055437
64.0		63	3.5	52055438

- Complete system including punch and die
- Counter nuts and draw studs must be ordered separately

Punch drivers



7804E



7904E

Hydraulic punch driver

Kwik Draw™ 7804E 50342916
Kwik Draw 90™ 7904E 50342991

- Round punches up to ISO 63 (64 mm dia)
- Special shape punches up to max. 68 x 68 mm or 35 x 65 mm



Battery-powered punch drivers

- available with Bosch or Makita battery
- LS50FLEXCFB / LS50FLEXCFM**
- Punching force: 60 kN
- LS100FLEXCFB / LS100FLEXCFM**
- Punching force: 100kN

Special cutting tools and step bits



Wiring duct cutter 50125701

- Burr-free cutting lengths also for halogen-free cable channel
- Standard and halogen-free plastic profile
- Maintenance free
- Cutting width: 125 mm
- Wiring duct (wall thickness) 2.5 mm



Kwik Stepper Step bit set 50069900

- Burr free drilling of steel sheets, pipes, non-ferrous metals, stainless steel and plastic
- Drilling range from 4 - 30 mm

Cable pulling technology



Dura Spinner

- With rotatable spring guide head
- Polyester fish tape included accessory kit and insertion aid
- Nearly unbreakable polyester tape

Dia	Length	
3,0 mm	20 m	52074656
3,0 mm	30 m	52074657



Flexi Spinner

- Almost unbreakable
- Approx. 50% less frictional resistance compared with nylon and perlon
- High trust for long distances with narrow bending radius

Dia	Length	
4,5 mm	20 m	52055389
4,5 mm	25 m	52055390
4,5 mm	30 m	52055391



Polyester Butler

- Unique, user-friendly design, galvanised and sprayed
- Teflon-coated adapter for low resistance when winding and unwinding
- New, rotating spring guide head

Dia	Length	
6.0 mm	50 m	52074658



Easy Roller Plus

- Ball-bearing mounted rollers
- U-sections for fixing the unwinding rails

	Cable drum dia	
S	1200 mm	52055401
L	1800 mm	52055402
ALS	1200 mm	52055403

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