



Best of Klauke

Electrical connecting systems, tools and measuring instruments



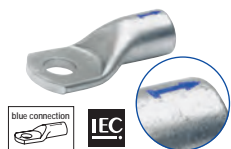
Verbindungen mit **System**
The **POWER** of Partnership

Klauke[®]
A Textron Company

Electrical connecting systems

blue connection®

Clever. Safe. Efficient.



Tubular cable lugs copper * 6 - 400 mm², blue connection

- For compacted conductors acc. to VDE 0295 class 2
- Accurately fitting/matching by colour coding
- Less crimps because of maximum crimp width
- Material usage reduced by 35%
- Also available with inspection hole
- Material/Surface: copper, tin plated

mm ²	M5	M6	M8	M10	M12	M16	M20
6	6B5	6B6	6B8	6B10			
10	10B5	10B6	10B8	10B10			
16		16B6	16B8	16B10	16B12		
25		25B6	25B8	25B10	25B12		
35			35B8	35B10	35B12		
50			50B8	50B10	50B12		
70			70B8	70B10	70B12	70B16	
95				95B10	95B12	95B16	
120				120B10	120B12	120B16	
150				150B10	150B12	150B16	150B20
185				185B10	185B12	185B16	185B20
240					240B12	240B16	240B20
300					300B12	300B16	300B20
400						400B16	400B20

* 90° and 45° angled versions on request



Tubular cable lugs copper * 6 - 400 mm², R-series

- Standard type
- For stranded conductors e.g. VDE 0295 Class 2
 - For pre-rounded sector shaped conductors
 - Also available with inspection hole
 - Material/Surface: copper acc. to EN 13600/tin plated

mm ²	M5	M6	M8	M10	M12	M14	M16	M20
6	1R5	1R6	1R8	1R10	1R12			
10	2R5	2R6	2R8	2R10	2R12			
16	3R5	3R6	3R8	3R10	3R12			
25	4R5	4R6	4R8	4R10	4R12	4R14		
35		5R6	5R8	5R10	5R12	5R14	5R16	
50		6R6	6R8	6R10	6R12	6R14	6R16	6R20
70		7R6	7R8	7R10	7R12	7R14	7R16	7R20
95			8R8	8R10	8R12	8R14	8R16	8R20
120			9R8	9R10	9R12	9R14	9R16	9R20
150			10R8	10R10	10R12	10R14	10R16	10R20
185				11R10	11R12	11R14	11R16	11R20
240				12R10	12R12	12R14	12R16	12R20
300					13R12	13R14	13R16	13R20
400					14R12	14R14	14R16	14R20

* 90° and 45° angled versions on request



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

- For fine strand conductors e.g. VDE 0295 Class 5 and 6
- Also available with inspection hole
- Material/Surface: Copper acc. to EN 13600/tin plated

mm ²	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

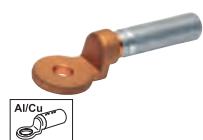
* 90° and 45° angled versions on request



Tubular cable lugs Al 10 - 400 mm²

- Material/Surface: E-Al/bright

mm ²	rm/sm*	mm ² se*	M6	M8	M10	M12
10		--	202R6	202R8		
16		25		203R8	203R10	
25		35		204R8	204R10	
35		50			205R10	205R12
50		70			206R10	206R12
70		95			207R10	207R12



Compression cable lugs Al/Cu 16 - 300 mm²

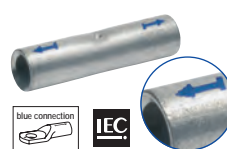
- Material/Surface: E-Al, Copper acc. to EN 13600/bright

mm ²	rm/sm*	mm ² se*	M8	M10	M12	M16
16		25	363R8	363R10		
25		35	364R8	364R10	364R12	
35		50	365R8	365R10	365R12	
50		70	366R8	366R10	366R12	
70		95		367R10	367R12	

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

blue connection®

Clever. Safe. Efficient.



Butt connectors copper 6 - 400 mm², blue connection

- For compacted conductors acc. to VDE 0295 class 2
- Accurately fitting/matching by colour coding
- Less crimps because of maximum crimp width
- Material usage reduced by 35%
- Material/Surface: copper, tin plated

mm ²	
6	6B
10	10B
16	16B
25	25B
35	35B
50	50B
70	70B
95	95B
120	120B
150	150B
185	185B
240	240B
300	300B
400	400B



Butt connectors copper 0.75 - 400 mm², R-series

- Standard type
- For stranded conductors e.g. VDE 0295 Class 2
 - Annealed material optimizes material and crimping characteristics

mm ²		mm ²	
0,75	17R	50	26R
1,5	18R	70	27R
2,5	19R	95	28R
4	20R	120	29R
6	21R	150	30R
10	22R	185	31R
16	23R	240	32R
25	24R	300	33R
35	25R	400	34R



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

mm ²	M6	M8	M10	M12	M16
35	5SG6				
50	6SG6	6SG8	6SG10		
70	7SG6	7SG8	7SG10	7SG12	
95	8SG6	8SG8	8SG10	8SG12	
120	9SG6	9SG8	9SG10	9SG12	
150	10SG6	10SG8	10SG10	10SG12	
185			11SG10	11SG12	11SG16
240			12SG10	12SG12	12SG16
300			13SG10	13SG12	13SG16

mm ²	rm/sm*	mm ² se*	M10	M12	M16	M20
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

mm ²	rm/sm*	mm ² se*	M10	M12	M16	M20
95		120	368R10	368R12	368R16	
120		150		369R12	369R16	
150		185		370R12	370R16	370R20
185		240		371R10	371R12	371R16
240		300		372R10	372R12	372R16
300		--			373R12	373R16





Crimping and cutting tools

						
K 2 0.75 - 16 mm ²	K 04 10 - 25 mm ²	K 05 6 - 50 mm ²	K 05BC 10 - 120 mm ²	K 118 max. dia 12 mm	K 106/2 max. dia 50 mm	K 105/1 max. dia 26 mm
<ul style="list-style-type: none"> • Indent crimping • With ratchet 	<ul style="list-style-type: none"> • Hexagonal crimping • Ergonomic drive 	<ul style="list-style-type: none"> • For solid, stranded, fine stranded and super fine stranded conductors, VDE 0295 class 1, 2, 5 and 6 • High cutting performance by specially designed cutting blades 	<ul style="list-style-type: none"> • For earth, plastic and rubber cables 			<ul style="list-style-type: none"> • Length 350 – 520 mm extending handles • Also for fine stranded conductors e.g. VDE 0295 Class 5
Mechanical crimping tools for tubular cable lugs and connectors standard type				<i>blue connection</i> [®]		Hand-operated cutting tools for Cu and Al cable

Battery powered crimping tools

					
150 mm² 4 Klauke	240 mm² 5 Klauke	300 mm² 22 Klauke	400 mm² 13 Klauke	240 mm² NEW	50 mm² 50 Klauke
EK 35/4-L 6 - 150 mm ²	EK 50/5-L 6 - 240 mm ²	EK 60/22-L 6 - 300 mm ²	EK 120/42-L 10 - 400 mm ²	EKM 60IDL 240 mm ²	EK 50 ML 0.14 - 50 mm ²
<ul style="list-style-type: none"> • For crimping dies series 4 • Slim crimping head • Automatic retraction • Very-low weight (1.7 kg) • Crimping force: 35 kN 	<ul style="list-style-type: none"> • For crimping dies series 5 • Intelligent Pressing System „IPS“ • 18 V/1.3 Ah Li-Ion battery • LED for workplace illumination • Crimping force: 50 kN 	<ul style="list-style-type: none"> • For crimping dies series 22 • Two stage hydraulics • 18 V/3.0 Ah Li-Ion battery • Intelligent Pressing System „IPS“ • Automatic retraction stop (ARS) • Crimping force: 60 kN 	<ul style="list-style-type: none"> • For crimping dies series 13 • C-head with 42 mm opening width • Intelligent Pressing System „IPS“ • Automatic retraction stop (ARS) • Crimping force: 120 kN, wide crimping 	<ul style="list-style-type: none"> • With 2-stage telescopic cylinder • No dies required • 18 V/1.3 Ah Li-Ion battery • Intelligent Pressing System „IPS“ • Crimping force: 30-60 kN 	<ul style="list-style-type: none"> • For interchangeable dies, series 50 • One-lever operation • Automatic retraction • Very low weight (0.96 kg) • Crimping force: 15 kN





Battery powered cutting tools

			
Ø 32 mm Cu/Al	Ø 25 mm Cu/Al ACSR	Ø 65 mm Cu/Al	Ø 85 mm Cu/Al
ES 32-L max. dia 32 mm	ESG 25-L max. dia 25 mm	ES 65-L max. dia 65 mm	ESG 85-L max. dia 85 mm
<ul style="list-style-type: none"> • Cuts multi-stranded copper and aluminum cables • Cutting force: 15 kN 	<ul style="list-style-type: none"> • For cutting Al/St conductors (ACSR), for round material (Cu, Al, St) as well as armoured cables • 18 V/1.3 Ah Li-Ion battery • Cutting force: 50 kN 	<ul style="list-style-type: none"> • Cuts light steel armoured copper and aluminum cables (depending on type of cable), suitable for fine stranded cables • 18 V/3.0 Ah Li-Ion battery • Manual retraction stop (MRS) • Cutting force: 40 kN 	<ul style="list-style-type: none"> • Cuts light steel armoured copper and aluminum cables (depending on type of cable) • Cutting head and bolt interlock for highest safety for the operator • 18 V/3.0 Ah Li-Ion battery • Cutting force: 60 kN

Hand hydraulic


300 mm² 22 Klauke
HK 60/22 6 - 300 mm ²
<ul style="list-style-type: none"> • Two stage hydraulics • Automatic retraction
Hand hydraulic crimping tool for interchangeable dies series 22

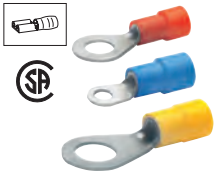
Crimping and cutting heads, pumps

			
625 mm² 25 Klauke	Ø 105 mm Cu/Al armoured	700 bar	700 bar IPS
PK 25/2 16 - 625 mm ²	SDG 105 max. dia 105 mm	FHP 2 foot pump	AHP 700-L drive unit
<ul style="list-style-type: none"> • Hydraulic crimping head • For dies acc. to DIN 48083 sheet 3, series 25 • Crimping force: 250 kN • For connecting to hydraulic drive unit with 700 bar operating pressure 	<ul style="list-style-type: none"> • Hydraulic cutting head • Cuts armoured copper and aluminum cables • Cutting force: 120 kN • For connecting to hydraulic drive unit with 700 bar operating pressure 	<ul style="list-style-type: none"> • Two stage hydraulic system • Cuts armoured copper and aluminum cables, even at high pressure • Sturdy design • Operation pressure max. 700 bar 	<ul style="list-style-type: none"> • For crimping, cutting and punching operations • Intelligent Pressing System „IPS“ • Multifunction LED for data communication to PC • 2x 18 V/3.0 Ah Li-Ion battery • Operation pressure: max. 700 bar

Klauke Multi

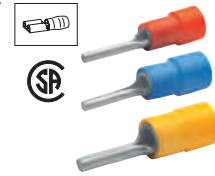

3 in 1 Crimping Cutting Punching
EK 60 UNV-L
<ul style="list-style-type: none"> • One head for crimping, cutting and punching • Manual retraction stop with „teach in“ (MRS+) • 18 V/3.0 Ah Li-Ion battery

Insulated cable connections and cable end-sleeves



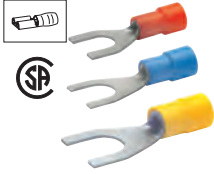
Insulated solderless terminals 0.5 - 6 mm²

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



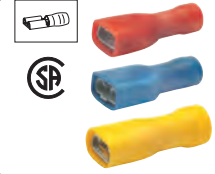
Insulated pin terminals 0.5 - 6 mm²

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



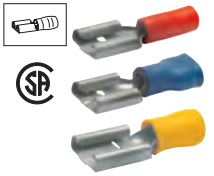
Insulated solderless terminals fork type 0.5 - 6 mm²

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



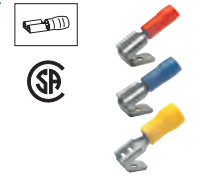
Insulated receptacles 0.5 - 6 mm²

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



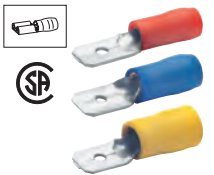
Insulated receptacles 0.5 - 6 mm²

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	



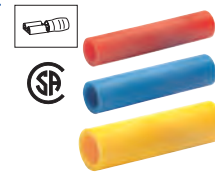
Insulated receptacles multiple type 0.5 - 6 mm²

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



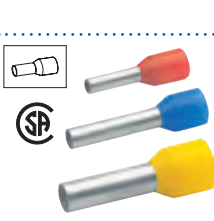
Insulated tabs 0.5 - 6 mm²

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



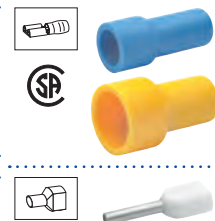
Insulated butt connectors 0.5 - 6 mm²

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



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

mm ²	L		mm ²	L	
0.5	12	4696	6	20	47512
	14	4698		26	47518
0.75	14	4708	10	22	47612
	16	47010		28	47618
1	14	4718	16	24	47712
	16	47110		28	47718
1.5	14	4728	25	30	47816
	16	47210		32	47818
	18	47212		35	30
2.5	14	4738	32		47918
4	18	47312	50	36	48020
	17	47410		40	48025
	20	47412			



Insulated closed end-splices 1.5 - 6 mm²

mm ²	
1.5 - 2.5	1130
4 - 6	1150

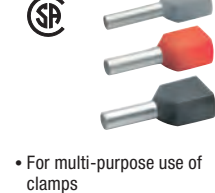


ST 11 B Pocket box with insul. cable end-sleeves 0.5 - 2.5 mm² acc. to DIN 46228 p. 4

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

mm ²	L	
2 x 0.5	15	8698
	15	8708
2 x 0.75	17	87010
	15	8718
2 x 1	17	87110
	16	8728
2 x 1.5	20	87212
	18.5	87310
2 x 2.5	21.5	87313
	23	87412
2 x 4	26	87514
2 x 6	26	87614
2 x 10	30	87714

• For multi-purpose use of clamps

Mechanical crimping tools



K 4 0.5 - 2.5 mm²
K 3 0.5 - 16 mm²

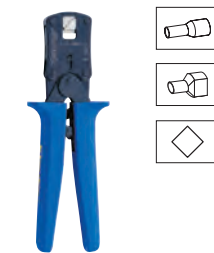
- Spring supported tool opening (K4)
- With wire cutter (K3)

For cable end-sleeves



K 38ERGO 0.25 - 6 mm²
2 x 0.5 - 2 x 2.5 mm²

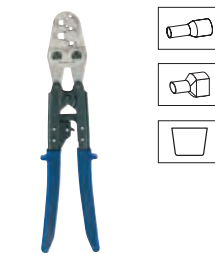
- Ergonomic design
- Low crimping force



K 30/3 0.08 - 10 mm²
2 x 0.5 - 2 x 4 mm²

- With ratchet
- Stepless crimp profile

For cable end-sleeves and twin cable end-sleeves



K 28 10 - 50 mm²
2 x 4 - 2 x 16 mm²

- With ratchet
- Trapezoid crimping



K 82 0.5 - 6 mm²

- Crimping of conductor and insulation in one step
- With ratchet

For insulated cable connections



K 507 0.5 - 6 mm²

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

VDE tools



VDE Side cutters
KL040160IS

- High cutting performance on hard and soft wires
- Length: 160 mm



VDE Cable cutters
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 Wire stripper
KL060160IS

- For single core and stranded cables up to 5 mm dia
- With adjustment screw
- Length: 160 mm

VDE tools and standard tools



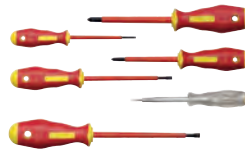
VDE Screwdriver
PZ1/PZ2

- For Pozidriv screws
- 80 x PZ1 (**KL120PZ1IS**)
- 100 x PZ2 (**KL120PZ2IS**)



VDE Screwdriver
PM1/PM2

- For plus/minus screws
- For switch gear
- 80 x Z1 (**KL130PM1IS**)
- 100 x Z2 (**KL130PM2IS**)



VDE screwdriver set, 6 pcs
KL390IS

- PH: 80 x PH1 / PH: 100 x PH2 / 75 x 2.5 x 0.4 / 100 x 4.0 x 0.8 / 125 x 5.5 x 1.0 mm
- Single-pole voltage tester, 150 V - 250 V



Klauke E-smart box, 13 pcs
KL301IS

- Interchangeable IEC screwdriver blade set for all standard screws, with voltage tester GT-12A



Tool set, fully insulated 1/2", 20 pcs
KL1300IS12B20

- Suitable for general live-line working
- Fully insulated to EN 60900
- Protection by 2-component safety handles

Standard, wire stripping and stripping tools



Engineers professional case, 15 pcs
KL905B15

- Technicians notebook/tool bag
- Equipped with VDE and standard tools
- Material: Hard-wearing nylon



Socket head bit set 1/4", 28 pcs
KL361

- Ratchet 1/4"
- 16 Bits, 1 Quick-change chuck
- Smart handle
- 2 Extensions 75 mm, 150 mm



Automatic wire stripping tool
K43/2

- Self-adjustable cutting and stripping tool
- Integrated wire cutter
- Stripping range: 0.02 – 10 mm²
- Also available in 90° angled version (part no. K432/90)



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

Testers and measuring instruments



GT-12A



GT-16

Contactless voltage tester

- With automatic self-test
- GT-12A:** Voltage range: 50 - 1,000 V AC CAT IV / 1,000 V
- GT-16:** Voltage range: 5 - 1,000 V AC CAT IV / 1,000 V



Bipolar voltage tester GT-85NE

- LC display
- AC and DC voltage
- rotary field testing, phase testing and continuity check, optical and acoustic
- Diode test
- CAT III 1,000 V, CAT IV 600 V



Digital multimeter DM-200A

- Automatic and manual range selection
- Backlit LC-display
- AC and DC test
- Temperature test, capacity
- CAT II 1,000 V, CAT III 600 V, CAT IV 300V



Clamp-on multimeter CM-1560

- True RMS actual effective value selection
- AmpTip™ provides increased accuracy
- Measuring category: CAT IV 600 V und CAT III 1,000 V
- Lifetime Warranty



TG1000



TG2000

Temperature measuring device

- Safe, contactless temperature measurement, optional in °C or °F
- For test operations in hard to reach areas
- TG 1000:** Single-Laser
- TG 2000:** Dual-Laser

Round punches



Slug Buster punches

- Suitable for mild steel, plastic and aluminum up to 3.5 mm

Punch Size		Max. material-thickness mm (mild steel)	Complete unit
True dimension 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 dimension 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 dimension 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
60.0	48	3.0	50319981
61.5		3.0	50319671
64.0	63	3.0	50351826

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

LS 50-L FLEX

Battery powered punch driver

- Round punches 143.7 mm (ST37 3 mm / VA 2 mm)
- Special shape punches 104.8 x 104.8 mm (ST37 2 mm)
- 18 V/3.0 Ah Li-Ion battery
- Punching force: 60 kN

Hole saws and step bits



HSS bi-metal hole saw electro set 52059295 SET

- Suitable for mild steel, cast iron, brass, aluminum, fibreglass, wood and plastic
- Cutting depth: 40 – 45 mm



Kwik Stepper Step bit set 50069900

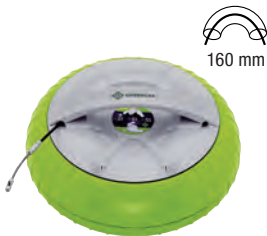
- Burr free drilling of steel sheets, pipes, non-ferrous metals, stainless steel and plastic



Combi bit set in plastic box M3 - M10 50116304

- Drill, tap and deburr in one operation

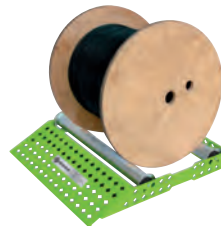
Cable pulling technology



160 mm



100 mm



Speedy Spinner

- Fibreglass fish tape included accessory kit and insertion aid
- Sturdy housing

Dia	Length	
3 mm	20 m	52055298
3 mm	30 m	52055299
3 mm	40 m	52055300

Flexi Spinner

- Polyester fish tape included accessory kit and insertion aid
- Sturdy housing

Dia	Length	
4.5 mm	20 m	52055389
4.5 mm	25 m	52055390
4.5 mm	30 m	52055391

Easy Roller

- Ultra-light cable drum unwinder
- Zinc plated and spray coated

	52055383	52055384
Dia	200 - 700 mm	
Width	500 mm	700 mm
Load	200 kg	250 kg
Weight	10 kg	11 kg

Smart Butler

- Mobile cable puller steel reel
- Unique design, zinc plated and spray coated
- Extra sturdy construction
- Accessories attach to the Smart Butler
- * Without reel

Dia	Length	
4.5 mm	40 m*	52055313
	60 m*	52055315
	80 m*	52055316
6 mm	40 m*	52055325
	60 m*	52055326
	80 m*	52055327
	100 m*	52055328
7.5 mm	40 m*	52055337
	60 m*	52055338
	80 m*	52055339
	100 m*	52055340
	120 m*	52055341
9 mm	40 m*	52055347
	60 m*	52055348
	80 m	52055349
	100 m	52055350
	120 m	52055351
11 mm	150 m	52055352
	150 m	52055359
	200 m	52055360
	250 m	52055361
	300 m	52055362

Strong brands for your success:

