

Safety tools



INFO

Screwdriver range

Industrial quality

Screwdriver range according to the new VDE Norm 1000 V IEC 60900:2004. All blades are made of high quality Molybdenum vanadium steel, black, red-covered, Polypropylen moulded. This ergonomic moulded 2-component handles from PP/TPE material guarantees a high security with normal power transmission. Every screwdriver is individually tested and marked according to the new VDE-Norm.

1 Homogeneous sizes-adaptation of the screwdrivers haft for better power transmission. Increase of the soft area for stronger grip

2 Exclusive, ergonomic design, non-slipping 2-component handles from PP/TPE material

3 Roll repressive

4 Injected blades profile on the top of the handle – for a fast access in the tool box, abrasion is not possible

5 with 1000 V marking injected

6 magnetic blade

An extra sliding protection of the Phillips profiles prohibits sliding out of the screw head

1000V IEC60900:2004 GS

⚠ 1000 V IEC 60900:2004

VDE 2-component screwdriver with PZ slot profile



Specifications and advantages of the PZ/FL profile.

The PZ/FL profile can only be used for combination screws that were previously screwed with a slot or recessed head PZ type screwdriver. **The screws have an inner PZ profile with an additional cross slot that also allows it to be screwed with a slot screwdriver.**



Area of application for PZ/FL profile

The screws are mainly used in electrical installation in automatic circuit breakers and safety switches



⚠ 1000 V IEC 60900:2004



Art. No.	size	total length	Ø mm	weight	PU
10 18 70	1	205	5,0 x 80	65	12
10 18 72	2	270	6,0 x 100	105	12

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	TMA	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	Tested/Measured area	Wrench size	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS		PU	Packing unit/piece

2-component VDE electricians' screwdrivers

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated



▲ 1000 V IEC 60900:2004



Art. no.	CW	BL	TL	kg	PU
101910	2,5	75	155	0,027	12
101912	3	100	185	0,030	12
101914	3,5	100	185	0,035	12
101916	4	100	195	0,050	12
101918	5,5	125	230	0,075	12
101920	6,5	150	255	0,110	12
101922	8	175	295	0,180	12
101924	10	200	320	0,250	12

2-component VDE cross slotted screwdrivers Phillips

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated



▲ 1000 V IEC 60900:2004



Art. no.	size	BL	TL	kg	PU
101940	0	60	145	0,030	12
101942	1	80	175	0,060	12
101944	2	100	205	0,100	12
101946	3	150	270	0,170	12

2-component VDE cross slotted screwdrivers Pozidriv

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated



▲ 1000 V IEC 60900:2004



Art. no.	size	BL	TL	kg	PU
101950	0	60	135	0,030	12
101952	1	80	175	0,060	12
101954	2	100	205	0,080	12
101956	3	150	270	0,165	12

2-component VDE screwdrivers Tx

with security pin, with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated



▲ 1000 V IEC 60900:2004



Art. no.	size	BL	TL	kg	PU
101850	8	100	185	0,050	12
101852	9	100	185	0,035	12
101854	10	100	195	0,040	12
101856	15	100	195	0,040	12
101858	20	100	195	0,040	12
101860	25	125	220	0,070	12
101862	27	125	230	0,070	12
101864	30	150	255	0,100	12
101866	40	175	295	0,180	12

2-component VDE screwdrivers set

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated, 6-pieces.

Contents:

VDE Electricians' screwdriver 2,5 x 75 mm, 4 x 100 mm, 5,5 x 125 mm, 6,5 x 150 mm, VDE cross slotted screwdrivers **Phillips** or **Pozidriv** size 1 and 2



▲ 1000 V IEC 60900:2004



Art. no.			kg	PU
101999	Phillips	6-pieces	0,560	1
101999/PZ	Pozidriv	6-pieces	0,560	1

Socket wrenches

2-component VDE socket wrenches DIN 7445

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated



▲ 1000 V IEC 60900:2004



Art. no.	WS	BL	TL	kg	PU
102520	4	125	220	0,110	12
102522	5	125	220	0,110	12
102524	5,5	125	220	0,110	12
102526	6	125	220	0,115	12
102528	7	125	230	0,120	12
102530	8	125	230	0,120	12
102532	9	125	230	0,116	12
102534	10	125	230	0,125	12
102536	11	125	245	0,175	12
102538	12	125	245	0,170	12
102540	13	125	245	0,175	12

2-component VDE socket wrenches set DIN 7445

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated.

Contents: 1 piece each 5 - 5,5 - 7 - 8 - 10 - 11 - 13 mm



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Art. no.			kg	PU
102512	7-pieces		1,065	1

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HAUPA „Vario“ 1000 V replaceable blade system

HAUPA „Vario“ 1000 V replaceable blade system

The „Vario“ replaceable blade system with insulated replaceable blades from HAUPA. All screwdrivers are tested individually (IEC 60900: 2004) and ensure you are able to work safely up to 1000 V and provides the blades with a secure hold in the approved 2-component handle. The automatic locking mechanism ensures that blades do not fall out unexpectedly. Adding the screw cap allows you to use the screwdriver for electronics as well. This practical new system allows you to handle all of the commonly used profiles with no trouble at all. Ideal for all service technicians as the blade selection can be expanded to cover your individual requirements. The tough roll carrier is made of nylon (with a belt loop and hook and eye fastening) and is a compact set characterised by its high levels of practicality and convenience.

Further characteristic feature include:

- High level of safety
- Exchangeable cap for use as an electronics screwdriver
- Switching cabinet key is integrated into the system
- Space-saving
- Weight-saving
- Cost-effective price/performance ratio
- Meets all relevant standards



HAUPA „Vario“ 1000 V replaceable blade system

in robust nylon bag, **Contents:** 2C exchangeable handle, screw cap, replaceable blade - slotted blade 0.4 x 2.5 / 0.5 x 3.0 / 0.8 x 4.0 / PH1 / PH2 or PZ1 / PZ2, PZ/FL 2, switch cabinet key - square 1, double-bit

Art. no.			kg	PU
102000	Phillips	hexagonal	10 pieces	0,560 1
102000/PZ	Pozidriv	hexagonal	10 pieces	0,560 1

„Vario“ nylon bag - empty

Robust nylon bag (with belt loop) wide hook and eye fastening and loop for hanging up



Art. no.	width	height	kg	PU
102042	empty	215	290	0,080 1

2-component exchangeable „Vario“ handle

automatic locking mechanism ensures that blades do not fall out unexpectedly, ergonomically formed 2 component book of PP/TPE material



1000 V IEC 60900:2004

Art. no.	TL	kg	PU
102040	120	Slot: hexagonal	0,080 1

HAUPA „Vario“ 1000 V replaceable blade system

Insulated replaceable blade made from molybdenum vanadium steel, hardened, blasted, individually tested with hexagonal shaft

1000 V IEC 60900:2004



„Vario“ replaceable blade - slotted blade

Art. no.	CW	BL	TL	kg	PU
102014	2,5	85	165	0,080	1
102016	3,0	85	165	0,080	1
102018	4,0	85	165	0,080	1
102020	5,5	85	165	0,080	1
102022	6,5	85	165	0,080	1

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„Vario“ replaceable blade - Phillips blade

Art. no.	size	BL	TL	kg	PU
102002	1	85	165	0,080	1
102004	2	85	165	0,080	1

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„Vario“ replaceable blade - pozidriv blade

Art. no.	size	BL	TL	kg	PU
102006	1	85	165	0,080	1
102008	2	85	165	0,080	1

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„Vario“ replaceable blade - pozidriv blade/slotted

Art. no.	size	BL	TL	kg	PU
102010	1	85	165	0,080	1
102012	2	85	165	0,080	1

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„Vario“ switch cabinet key - Square

Art. no.	size	BL	kg	PU
102030	6	47	0,080	1
102032	8	47	0,080	1

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„Vario“ switch cabinet key - Triangular

Art. no.	size	BL	kg	PU
102034	9	47	0,080	1

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„Vario“ switch cabinet key - Double-bit

Art. no.	size	BL	kg	PU
102036	5,3	47	0,080	1

„Vario“ screw cap

Additional screw cap when using as precision tool (electronics)



Art. no.	kg	PU
102044	0,080	1

INFO

2 component pliers

Industrial quality

HAUPA divides the VDE pliers assortment into three groups.

1. 2C VDE pliers with plug-on handles
2. VDE pliers, coating-insulated, treated with a 2-coloured coating-isolation (outside red/inside yellow)
3. VDE pliers with a 2-coloured coating-isolation (outside red/inside yellow), working head insulated

These pliers fulfil the VDE standard 1000 V IEC 60900:2004

Combination pliers DIN 5244 VDE

german pattern, comfort grip, alloyed carbon steel, C 45, oil-hardened, cutting edges induction hardened, for soft and hard wire up to 150 kp/mm² (N 1500), polished chrome plated, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211200	185	0,270	6
211202	205	0,320	6

Side cutters DIN 5238 B VDE

swedish pattern, high alloyed carbon steel, oil-hardened, C 60, cutting edges induction hardened, for soft and hard wire up to 200 kp/mm² (N 2000), polished chrome plated, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211204	165	0,240	6
211206	185	0,300	6

Heavy duty side cutters DIN 5238 A VDE

C 60, cutting edges induction hardened, polished chrome plated, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211217	170	0,250	6
211219	205	0,330	6

Wire stripping pliers DIN 5232 VDE

C 45, oil-hardened, with spring and adjustment screw, for cable of 0,2 - 6 mm Ø, polished chrome plated, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211214	160	0,240	6

VDE pliers, sheathed handles

Long chain nose pliers DIN 5236 A VDE

C 45, oil-hardened, with spring and adjustment screw, for cable of 0,2 - 6 mm Ø, polished chrome plated, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211208	200	0,220	6
211210	200	0,230	6

Short flat nose pliers DIN 5258 VDE

C 45, oil-hardened, polished chrome plated, short body, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211212	160	0,170	6

Short round nose pliers DIN 5257 VDE

C 45, alloyed carbon steel, oil-hardened, polished chrome plated, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211216	160	0,160	6

Water pump pliers VDE

C 45, alloyed carbon steel, oil-hardened, polished chrome plated, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211221	240	0,150	6

Cable cutters VDE

C 45, alloyed carbon steel, oil-hardened, bronzed, sheathed handles



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Art. no.	TL	Ø	kg	PU
211223	200	12	0,340	1
211225	160	10	0,340	1

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Cable cutters VDE

C 45, alloyed carbon steel, oil-hardened, bronzed, sheathed handles



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211226	170	0,340	1
211228	230	0,340	1

2 components pliers set VDE, sheathed handles

with VDE-safety-isolation, best quality, pliers polished chrome plated, 4-pieces.

Contents:

- Combination pliers 185 mm
- Side cutter 165 mm
- Long chain nose pliers 200 mm
- Wire stripping pliers 160 mm



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Art. no.	4-pieces	kg	PU
220123		1,000	1

VDE-pliers, 2-coloured coating-insulation

Combination pliers DIN 5244 VDE

alloyed carbon steel, C 45, oil-hardened, cutting edges induction hardened, for soft and hard wire up to 150 kp/mm² (N 1500), german pattern, polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210056	185	0,278	6
210058	205	0,356	6

Side cutters DIN 5238 B VDE

swedish pattern, high alloyed carbon steel, oil-hardened, C 60, cutting edges induction hardened, for soft and hard wire up to 200 kp/mm² (N 2000), polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210100	165	0,247	6
210102	185	0,284	6

Side cutters DIN 5238 B VDE

swedish pattern, high alloyed carbon steel, oil-hardened, C 60, cutting edges induction hardened, for soft and hard wire up to 200 kp/mm² (N 2000), polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red



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Art. no.	TL	kg	PU
210110	240	0,520	6
210117	180	0,280	1
210119	200	0,350	1

Front cutters VDE

alloyed carbon steel, cutting edges induction hardened, polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210303	160	0,288	1

Long chain nose pliers DIN 5236 A VDE

alloyed carbon steel, C 45, oil-hardened, cutting edges induction hardened, for any wire up to 150 kp/mm² (N 1500), polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210388	200	0,229	6
210390	200	0,231	6

Short round nose pliers DIN 5257 VDE

C 45, alloyed carbon steel, oil-hardened, polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210296	160	0,187	6

Short flat nose pliers DIN 5258 VDE

C 45, alloyed carbon steel, oil-hardened, polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210270	160	0,250	6

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Wire stripping pliers DIN 5232 VDE

C 45, oil-hardened, with spring and adjustment screw, for cable of 0,2 - 6 mm Ø, polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red



⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210648	160	0,240	6

Water pump pliers

heavy pattern, made of chrome vanadium steel, with roll, polished chrome plated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210588	260	0,580	6

Water pump pliers DIN 5231

chrome vanadium, 31 Cr V3, box-joint, burner hole, teeth induction hardened, finger protection, oil-hardened, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210583	300	0,555	6

Pliers set, 2-coloured coating-insulation

C 45, oil-hardened, 2-coloured coating-insulation - inside yellow/outside red. Pliers polished chrome plated, 4-pieces.

Contents:

- Combination pliers 185 mm
- Diagonal cutters 165 mm
- Long chain nose pliers, straight 200 mm
- Wire stripping pliers 160 mm



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Art. no.	kg	PU
220126	1,000	1

4-pieces

Combination pliers DIN ISO 5244 VDE

working head insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210263	185	0,306	1
210264	205	0,391	1

Side cutters DIN ISO 5749 VDE

working head insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210301	160	0,270	1
210302	180	0,305	1

Long chain nose pliers DIN ISO 5754 VDE

straight, working head insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210266	160	0,170	1
210267	200	0,242	1
210297	160	0,243	1

straight, 45° angled nose

Plan grip pliers VDE

working head insulated, made of special alloy steel, long, flat, plain gripping jaws, round edges, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210298	200	0,215	1

Short flat nose pliers DIN ISO 5745 VDE

working head insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210299	160	0,216	1

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Long chain nose pliers DIN ISO 5745 VDE

working head insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210300	160	0,191	1

Wire stripping pliers DIN 5232 VDE

working head insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
210265	160	0,180	1

VDE cable cutters, stripping

Cable cutter

Grave version of vanadium steel, annealed, opening 15 mm, 2-coloured coatinginsulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200127	160	15	50	0,287	1

Cable cutter

of carbon-steel, maximum cutting capacity due to special cutting-geometry, with VDE insulation, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200120	215	20	70	0,399	1

Double edged cable cutter

slight strain due to optimal lever-transmission, edges with precise grind for easy and proper cutting by one hand handling, opening 20 mm, forged of special carbon-steel, for copper and alu-cable, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200128	200	20	50	0,415	1

Cable cutters

Chrome-vanadium, shear edge, fatigue-free handling due to spring joint, self-opening, with locking mechanism, enormous cutting performance allows effort-free operation, for copper and aluminium cable

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	kg	PU
200086/VDE	205	10	0,329	1
200088/VDE	230	15	0,526	1

Cable cutter

Long version, slight strain, one and two hand handling, proper cutting due to precise grind, forged of special carbon-steel, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200129	240	15	50	0,511	1

Cable cutter with a snap VDE

Laser-cut components made of special carbon steel, oil-hardened, for optimal precision, CNC-ground cutting type, inductively hardened for maximum cutting performance, Screwed joint connections, re-adjustable for longer durability as well as, 2-coloured coating-insulation - inside yellow/outside red, for cables to 16,9 mm Ø (70 mm²)

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
201002/VDE	180	16,9	70	0,252	1

Automatic wire stripper 1000 V

1000 volt individually tested wire stripper. For stripping flexible wires and solid copper wires. The wire stripper adjusts automatically to the cross section of the wire. Stripping range: 0,2 to 6 mm²

⚠ 1000 V IEC 60900:2004



Art. no.	mm ²	kg	PU
211683	0,2-6	0,148	1

Stripping pliers 1000 V

full insulated, for cutting and stripping off cable sheaths of PVC, PE and VPE, limited cutting deep and therefore no damage on the inside conductors, easy handling, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	kg	PU
200149	200	26-52	0,739	1

Cable cutters 1000 V

Cable cutters 1000 V

with leverage construction, cutter of alloyed special steel, forged, replaceable, squeeze-free cutting. Working range: for copper- and alu-cable max. 40 mm Ø

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200110	600	26	150	2,413	1
200141	700	33	185	3,292	1

Cable cutter 1000 V

forged cutting head of special carbon-steel, light strain, easy and proper cutting, adjustable joint, opening 27 mm; working range: copper- and alu-cable up to 150 mm²

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200123	500	27	150	1,389	1

Wire rope and cable cutter 1000 V

with lever action, blades of high alloyed interchangeable, cutting capacity steelalu ropes up to 80 mm², for copper- and alucable, opening approx 10 mm

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200081	700	10	80	2,917	1
200081/MK		spare cutting head		0,350	1

Wire rope and cable cutter 1000 V

without transmission, blades of high quality special steel, forged, replaceable, opening 20 mm, insulated. Working range: steel-alu-rope up to 120 mm², copper- and alu-cable

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	mm ²	kg	PU
200130	600	20	120	2,878	1
200132		spare cutting head		0,340	1

VDE ratchet cable cutter with cover 1000 V

One-hand cable cutter with ratchet, optimal lever-transmission, encapsulated head, for copper and alu-cable, opening 25 mm, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	mm ²	kg	PU
200109	290	240	1,229	1

Hacksaw frames 1000 V

Hacksaw frame 1000 V

fully insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Sbl.	kg	PU
110558	200	150	0,260	1

Hacksaw frame 1000 V

fully insulated, 2-coloured coating-insulation - inside yellow/outside red

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Sbl. strength	kg	PU
110559	350	300 18 x 8	0,600	1

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Cable knives 1000 V

Cable knife 1000 V

with strong, straight blade, tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200000	50	0,103	6

Cable knife 1000 V

with hook blade, specially for slitting of damproom cable, tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200007	50	0,096	6

Cable knife 1000 V

with hookformed blade, tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200002	35	0,097	6

Cable stripping knife 1000 V

tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200009	50	0,095	6

Cable knife 1000 V

with insulated hookblade, tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200003	35	0,075	6

Cable knife 1000 V

with straight, part insulated, strong blade, tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
201010	50	0,103	6
201012	replacement blades, 4-pcs.	0,103	1

Cable knife 1000 V

with bent blade, strong blade, tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200004	35	0,093	6

Cable stripping knife 1000 V

tough elastic plastic handle, blade protector, straight



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200013	50	0,095	6

Cable knife 1000 V

with straight, part insulated, strong blade, tough elastic plastic handle, blade protector



1000 V IEC 60900:2004



Art. no.	BL	kg	PU
200005	40	0,106	6

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Voltage tester "Profi"

Two-pole voltage tester with LED display AC and DC voltage measurements from 12 to 690 V, polarity, rotary field, continuity tests to 500 k Ω and FI/RCD tests can be carried out. The HAUPA voltage tester is by his high type of protection (IP65) also usable in rough conditions.

Specifications:

- optical warning before contact life-threatening voltage
- display for AC and DC voltage from 12 to 690 V
- display range 12, 24, 48, 120, 230, 400 and 690 V
- acoustical continuity test from 0 to 500 k Ω
- Schuko and CEE one-hand operating
- phase detector >100 V AC
- CAT IV 1000 V
- frequency range 0 - 400 Hz
- rotary field
- automatic load
- captive probe-tip protection
- 30 mA FI/RCD triggering
- IP 65 (dust and water proof)
- approved and certificated TÜV/GS IEC/EN 61243-3
- 3 years warranty



Art. no.	TMA	kg	PU
103806	12-690	0,264	1

Voltage tester "Profi LCD"

The voltage tester Profi LCD is a two-pole voltage tester for AC and DC voltages from 12 to 690 V. The display is a high contrast LCD equipped with light level sensor which switches on automatically the back-light. Polarity, phase and rotating filed direction can be determinated, along with continuity testing up to 2000 Ω . Its robust construction and the dust- and waterproof case ensure a long lifetime, even with daily use.

Specifications:

- measurement range for AC and DC voltage from 12 to 690 V
- additional testing of polarity, phase and rotating field
- acoustical continuity test up to 2000 Ω
- CAT IV 1000 V
- automatic load
- 30 mA FI/RCD triggering
- robust design
- IP 65 (dust and water proof)
- frequency range 0 - 400 Hz
- rotation filed index
- continuity test/diode test
- phase test
- TÜV/GS approval IEC/EN 61243-3
- 3 years warranty



Art. no.	TMA	kg	PU
103808	12-690	0,277	1

HAUPA "Multi Check" digital high-capacity multimeter

The HAUPA digital multimeter is a multimeter with a battery test function. Its auto range function eliminates the need for irritating switching. Its background illumination can be manually adjusted. Also included is the auto-power-off function and a low battery voltage indicator. During the battery test, the batteries under test are loaded so that an exact test result can be made. The embedded holster with foldable stand makes it easy to use in difficult surroundings. The temperature measuring range up to 1000°C/1800°F and the hFE test for transistors rounds the spectrum of the high-capacity multimeter.

Specifications:

- display: 16 mm LCD, 3 1/2 digit
- voltage AC: 200mV, 2V, 20V, 200V, 600V \pm 1,0%
- voltage DC: 200 mV, 2V, 20V, 200V, 600V \pm 0,7%
- current AC: 200 μ A, 2 mA, 20 mA, 200 mA \pm 1,5%, 2, 10A \pm 3,0%
- current DC: 200 μ A, 2 mA, 20 mA, 200 mA \pm 1,2%, 2, 10A \pm 2,0%
- resistance: 200 Ω , 2000 Ω , 20k Ω , 200k Ω , 20M Ω \pm 1,2%, 20M Ω \pm 2,0%
- temperature: -20°C - +1000°C, 0°F - +1800°F \pm 2,0%
- battery test: 1,5 V (test current 50mA),
3,0 V (test current 30mA),
9,0 V (test current 12mA)
- continuity: acoustic signal <50 Ω
- diode test: drop-out voltage in mV
- transistor check (hFE): amplification hFE
- overload category: CAT III 600V
- power supply: 3 x 1,5 V Typ AAA Micro
- dimension: 144 x 74 x 31 mm
- weight: 220 g including batteries
- supply: 2 pcs test leads, instruction manual,
3 pcs 1,5 V batteries type AAA Micro
- certificated: Approved and TÜV/GS IEC/EN 61010-1. DIN VDE 0411
- warranty: 3 years



Art. no.	kg	PU
103812	0,514	1

HAUPA "Multi Clamp" digital miniature clamp transducer AC/DC 600V

HAUPA "Multi Clamp" - digital miniature clamp transducer AC/DC 600 V. Digital miniature clamp transducer with LCD-Display and a bargraph index. The manual or automatic working range option, as well as the background lighting, allow a multifunctional and safe working. The included plastic case protect the equipment, also during transport.

Specifications:

- voltage range DC: 400/600 V ±1%
- voltage range AC: 400/600 V ±1%
- current AC: < 400 A ±2%
- clamp diameter max. 28 mm
- conductivity < 400 ±1%
- automatic test range selector
- datahold Function
- background lighting
- Including: plastic bag, measurement connection, battery
- approved and certificated TÜV/GS IEC/EN 61010-1
- 3 years warranty



Art. no.		kg	PU
103810		0,388	1

Voltage tester "Basic"

The two pole voltage tester display DC and AC voltage from 6 to 400 V in seven steps with LED indicator (6, 12, 24, 50, 120, 230 and 400 V), Polarity test and phase location against the ground wire is also able. The robust cabinet with the gummed handle is well in the hand. The „Basic“ tester works without any battery. It gets his tension from the test object.

Specifications:

- DC and AC voltage from 6 to 400 V
- phase detector against ground wire
- polarity check
- protection IP 20
- TÜV/GS approval in process
- CAT III 1000 V
- 0 - 60 Hz
- 3 years warranty



Art. no.	TMA	kg	PU
103800	6-400	0,153	1

Circuit tester „Control“

Continuity tester with LED torch lamp function, contactless voltage detector, and test leads. The tester comes with five professional functions for working with electrical wiring.

Specifications:

- optical continuity test low-ohm (0 - 20 Ω)
- acoustical continuity test high-ohm (0 - 250 Ω)
- high efficient LED torch lamp
- contactless voltage detector
- phase detector
- IP44 shower water proof
- CAT III 1000 V
- approved and certificated TÜV/GS IEC/EN 61010-1
- 3 years warranty



Art. no.		kg	PU
100666		0,200	1

Voltage tester "TestPen"

Non-contact voltage testing above 12V AC with integrated high-power LED torch (Light duration up to 60 hours - per set of batteries). The TestPen is able to detect live wires using the switching circuit integrated in the probe.

Specifications:

- voltage range: 12 - 1000V AC
- power supply: 2 x 1.5 V, type AAA Micro
- type of protection: IP 44
- overvoltage category: CAT III 1000V
- TÜV/GS-tested: IEC/EN 61010-1 (DIN VDE 0411)
- 3 years warranty



Art. no.	TMA	TL	kg	PU
103814	12-1000	140	0,062	1

Voltage tester "TestPen Basic"

Contact-free voltage test from 110 Volt AC. The "TestPen Basic" is able to detect live cables using the tip that is integrated in the switching circuit. If an alternating voltage > 110 Volt AC is detected, the white cap illuminates in red. Current flow is not necessary!

Specifications:

- Voltage range: 110 - 1000 V AC
- Power supply: 2 x 1,5 V Typ AAA Micro
- Protection category: IP 44
- Excess voltage category: CAT III 1000V
- TÜV/GS checked: IEC/EN 61010-1 (DIN VDE 0411)
- 3 years guarantee



Art. no.	TMA	TL	kg	PU
103816	110-1000	140	0,062	1

Voltage testers VDE/GS

5 mm surrounding hand-protection, clip of insulating material, fixed installed scale with dark background



Art. no.	TMA	TL	kg	PU
100700	125-250	190	0,037	60



Infrared thermometer

The intended use includes the contact-free measurement of temperatures between -20 to $+380^{\circ}\text{C}$. As power supply, only a 9V battery of the type 006P, IEC6F22, NEDA 1604 or one of the same type may be used. The thermometer may only be used in a dry environment and contact with moisture must be avoided.

Specifications:

- Temperature range: $-20 \sim +380^{\circ}\text{C}$ ($-4 \sim 716^{\circ}\text{F}$)
- Response time: less than 1 second
- Distance from measuring point ratio: 8 : 1
- Spectral range: $5 \sim 14\mu\text{m}$
- Emission ratio: 0.95 hard
- Temperature resolution: 0.1°C (0.1°F)
- Laser: 1mW, wave length $630 \sim 670\text{nm}$, class II
- Working temperature: $0 \sim +50^{\circ}\text{C}$ ($32 \sim 122^{\circ}\text{F}$)
- Storage temperature: $-20 \sim +65^{\circ}\text{C}$ ($-4 \sim 149^{\circ}\text{F}$)
- Air humidity: $10\% \sim 90\%$, non-condensing
- Power supply: 9V battery
- Product size: $16.5 \text{ cm} \times 9 \text{ cm} \times 4 \text{ cm}$
- Weight: 150 g (including battery)
- 3 years guarantee



Art. no.	kg	PU
103818	0,514	1

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T-Handle socket wrenches 1000 V

chrome vanadium steel, full insulated, for hexagon nuts, DIN 7440, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	WS	BL	handle	kg	PU
110000	10	200	160	0,310	1
110002	11	200	160	0,315	1
110004	12	200	160	0,320	1
110006	13	200	160	0,325	1
110008	14	200	160	0,425	1
110010	17	200	160	0,422	1
110012	19	200	160	0,600	1
110022	11	300	160	0,474	1
110024	12	300	160	0,375	1
110026	13	300	160	0,380	1
110028	14	300	160	0,385	1
110030	17	300	160	0,534	1
110032	19	300	160	0,578	1
110034	22	300	160	0,662	1
110036	24	300	160	0,990	1

Cross type socket wrenches 1000 V

chrome vanadium steel, no contact with steel insert, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	WS	BL	kg	PU
110070	10-11-14-17	200	0,225	1
110074	11-12-13-17	200	0,225	1
110076	11-13-14-17	200	0,225	1
110078	11-13-14-17	200	0,464	1
110080	13-17-19-22	200	0,502	1

Counter hold spanners 1000 V

chrome vanadium steel (31 CrV 3), 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
110081	10	200	0,118	1
110083	12	200	0,120	1
110084	13	200	0,140	1
110085	14	250	0,150	1
110087	16	260	0,259	1
110089	17	270	0,255	1
110091	18	265	0,250	1
110093	19	270	0,275	1
110095	20	275	0,300	1
110097	22	275	0,300	1
110099	24	270	0,350	1

Right angle allen keys 1000 V

chrome vanadium steel, for hexagon socket screws, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



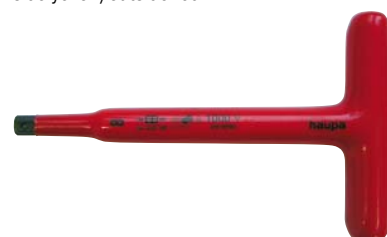
Art. no.	WS	kg	PU
110042	3	0,019	1
110044	4	0,025	1
110046	5	0,043	1
110048	6	0,064	1
110050	8	0,105	1
110052	10	0,242	1
110054	12	0,376	1

T-handle allen keys 1000 V

chrome vanadium steel, for screws with hexagon inserts, full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	WS	kg	PU
110060	5	0,165	1
110062	6	0,175	1
110064	8	0,200	1

Single ended spanners 1000 V

chrome vanadium steel, full insulated, offset at 15°, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	WS	TL	strength	kg	PU
110260	6	75	3	0,025	1
110262	7	80	3,5	0,020	1
110264	8	85	3,5	0,027	1
110266	9	100	4	0,030	1
110268	10	120	5	0,040	1
110270	11	130	5,5	0,050	1
110272	12	140	5,5	0,060	1
110274	13	155	6	0,080	1
110276	14	170	6	0,110	1
110278	17	185	6,5	0,135	1
110280	19	210	7,5	0,160	1
110282	22	230	8,5	0,185	1
110284	24	250	9,5	0,265	1
110286	27	290	11,5	0,389	1
110288	30	345	13	0,419	1
110290	32	350	15	0,400	1



Ring spanners 1000 V

chrome vanadium steel, full insulated, offset at 75°, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
110300	6	140	0,040	1
110302	7	140	0,048	1
110304	8	150	0,059	1
110306	9	155	0,067	1
110308	10	160	0,105	1
110310	11	170	0,095	1
110312	12	180	0,130	1
110314	13	195	0,135	1
110316	14	205	0,150	1
110318	17	240	0,185	1
110320	19	260	0,270	1
110322	22	280	0,340	1
110324	24	280	0,357	1

Ratchet ring spanners 1000 V

full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



72 sprockets

Art. no.	WS	kg	PU
110870	8	0,050	1
110872	9	0,052	1
110874	10	0,056	1
110876	11	0,056	1
110878	12	0,068	1
110880	13	0,080	1
110882	14	0,086	1
110884	15	0,120	1
110886	16	0,144	1
110888	17	0,174	1
110890	18	0,200	1
110892	19	0,208	1

Adjustable wrenches to DIN 3117 A 1000 V

steel forged, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	WS max.	TL	kg	PU
110555	26	200	0,321	1
110556	31	250	0,523	1
110557	36	300	0,877	1

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Reversible ratchet 1000 V

1/4"

full insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	square	TL	kg	PU
110810	1/4"	135	0,128	1

Torque wrench 1000 V

1/4"

reversible ratchet system, fully insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	square	torque	TL	kg	PU
110812	1/4"	2-12	200	0,250	1

Socket T-wrench 1000 V

1/4"

chrome vanadium steel, tempered, with locking device against accidental loosening of sockets or extensions, full insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	square	TL	kg	PU
110818	1/4"	115	0,115	1

Extensions

1/4"

with locking device against accidental loosening of sockets or extensions, full insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	square	TL	kg	PU
110814	1/4"	75	0,045	1
110816	1/4"	125	0,068	1

Extension

1/4"

fully insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	bit adapter	square	TL	kg	PU
110860	1/4"	1/4"	40	0,024	1

Hexagon sockets 1000 V

1/4"

fully insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
110820	5	25	0,012	1
110822	6	25	0,012	1
110824	7	25	0,012	1
110826	8	25	0,015	1
110828	9	25	0,015	1
110830	10	25	0,015	1
110832	11	25	0,018	1
110834	12	25	0,024	1
110836	13	25	0,015	1
110838	14	25	0,029	1

Inserts for hexagon socket screws 1000 V

1/4"

fully insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	WS	kg	PU
110840	3	0,013	1
110842	4	0,013	1
110844	5	0,014	1
110846	6	0,015	1
110848	8	0,019	1

Handles with bit adapter 1000 V

1/4"

fully insulated, 2-coloured coating-insulation - inside yellow/outside red

△ 1000 V IEC 60900:2004



Art. no.	bit adapter	square	TL	kg	PU
110864	1/4"	1/4"	120	0,185	1
110866	1/4"	1/4"	160	0,248	1
110868	1/4"	1/4"	250	0,310	1

More bits starting at Page 162.

Reversible ratchet 1000 V

3/8"

full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	square	TL	kg	PU
110331/EN	3/8"	190	0,403	1

Locked torque wrench 1000 V

3/8"

reversible ratchet system, adjustable valve between 5-27 Nm, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	square	torque	TL	kg	PU
300310/EN	3/8"	5-27	280	1,005	1

Torque wrenches 1000 V

3/8"

reversible ratchet system, fully insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	square	torque	TL	kg	PU
110055/EN	3/8"	5-25	200	0,350	1
110056/EN	3/8"	2-27	280	0,920	1
110065/EN	3/8"	5-50	370	1,194	1

Socket T-wrench 1000 V

3/8"

chrome vanadium steel, tempered, with locking device against accidental loosening of sockets or extensions, full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	WS	BL	handle	kg	PU
110039/EN	3/8"	200	160	0,500	1

Extensions

3/8"

with locking device against accidental loosening of sockets or extensions, full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	square	TL	kg	PU
110337/EN	3/8"	125	0,292	1
110335/EN	3/8"	250	0,280	1

Extensions with bit adapter 1000 V

3/8"

full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	bit adapter	square	TL	kg	PU
110861	1/4"	3/8"	125	0,165	1
110862	1/4"	1/2"	250	0,165	1

Hexagon sockets 1000 V

3/8"

3/8" square drive, 4 edge drive, full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
110363/EN	8	40	0,035	1
110364/EN	9	40	0,070	1
110365/EN	10	40	0,036	1
110366/EN	11	40	0,037	1
110367/EN	13	40	0,070	1
110368/EN	17	40	0,053	1
110369/EN	19	40	0,068	1
110371/EN	14	40	0,070	1
110700/EN	12	40	0,070	1
110702/EN	22	40	0,070	1

Fittings for hexagon socket screws 1000 V

3/8"

3/8" square drive, 4 edge drive, made of chrome vanadium steel, forged, oil hardened, full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
300302/EN	4	65	0,056	1
300296/EN	5	65	0,067	1
300298/EN	6	65	0,068	1
300299/EN	8	65	0,061	1
300305/EN	10	65	0,081	1

Torque stoppers 1000 V

3/8"

with short extension, locable for all sockets with 3/8" drive, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	square	torque	kg	PU
110456/EN	3/8"	-12	0,310	1
110457/EN	3/8"	-18	0,220	1
110458/EN	3/8"	-25	0,310	1

Reversible ratchet 1000 V

1/2"

full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	square	TL	kg	PU
110332/EN	1/2"	255	0,721	1

Locked torque wrench 1000 V

1/2"

reversible ratchet system, adjustable valve between 5-27 Nm, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	square	torque	TL	kg	PU
300312/EN	1/2"	5-27	280	1,052	1

Torque wrenches 1000 V

1/2"

reversible ratchet system, fully insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	square	torque	TL	kg	PU
110058/EN	1/2"	2-50	280	1,034	1
110066/EN	1/2"	5-50	370	1,215	1
110067/EN	1/2"	20-100	460	1,493	1
110068/EN	1/2"	60-220	530	1,300	1

Socket T-wrench 1000 V

1/2"

chrome vanadium steel, tempered, with locking device against accidental loosening of sockets or extensions, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	WS	BL	handle	kg	PU
110040/EN	12,5	200	160	0,461	1

Extensions

1/2"

with locking device against accidental loosening of sockets or extensions, full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	square	TL	kg	PU
110336/EN	1/2"	125	0,214	1
110338/EN	1/2"	250	0,414	1

Hexagon sockets 1000 V

1/2"

1/2" square drive, 4 edge drive, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
110339/EN	8	50	0,080	1
110340/EN	10	50	0,080	1
110342/EN	11	50	0,080	1
110344/EN	12	50	0,080	1
110346/EN	13	50	0,080	1
110348/EN	14	50	0,080	1
110350/EN	17	50	0,089	1
110352/EN	19	50	0,103	1
110354/EN	22	50	0,130	1
110356/EN	24	50	0,147	1
110358/EN	27	50	0,176	1
110360/EN	30	50	0,230	1
110362/EN	32	50	0,240	1

Hexagon sockets DIN 7448, extra long, 1000 V

1/2"

extra long, 1/2" square drive, 4 edge drive, full insulated, 2-coloured coating-insulation - inside yellow/outside red

1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
110373/EN	10	80	0,110	1
110374/EN	11	80	0,110	1
110375/EN	13	80	0,123	1
110376/EN	14	80	0,152	1
110377/EN	17	80	0,110	1
110378/EN	19	80	0,191	1
110379/EN	22	80	0,241	1

Fittings for hexagon socket screws 1000 V

1/2"

1/2" square drive, 4 edge drive, made of chrome vanadium steel, forged, oil hardened, full insulated, 2-coloured coating-insulation - inside yellow/outside red



1000 V IEC 60900:2004



Art. no.	WS	TL	kg	PU
300294/EN	4	70	0,100	1
300297/EN	5	70	0,096	1
300295/EN	6	70	0,096	1
300303/EN	8	70	0,100	1
300306/EN	10	70	0,106	1

1000 V set of socket wrenches see Page 140.

Safety tools

Alignment tool, 3/8" 1000 V

3/8"

3/8" drive, for the alignment of 3 or 4-wire sector conductors, made from impact-resistant plastic



Art. no.	size	kg	PU
110704	95 - 150 mm ²	0,075	1
110705	185 - 240 mm ²	0,088	1

Holding device 1000 V

For the easier handling of screwed connections when assembling coupling sleeves, variably adjustable

1000 V IEC 60900:2004



Art. no.	TL	kg	PU
120103	220	0,450	1

Plastic wedges

with bright slot for all common cable cutters, oval form without sharp edges

1000 V IEC 60900:2004



Art. no.	TL	width	kg	PU
120102	22,5	4,5	0,240	1

Wedges

without slot, oval form without sharp edges, long version with large head

1000 V IEC 60900:2004



Art. no.	TL	width	kg	PU
120100	20	2,5	0,090	1

Wedges

wood or plastic, dimension: 16.3 x 3.7 mm



Art. no.	size	type	material	kg	PU
120094	1	without groove	plastic	0,057	1
120097	2	with groove	plastic	0,075	1
120098	1	without groove	wood	0,050	1
120099	2	with groove	wood	0,050	1

Cleaning brushes Safety Line

PVC-pattern

1000 V



Art. no.	TL	width	kg	PU
150036	420	25	0,050	1
150037	420	28	0,050	1
150038	420	50	0,100	1

Electrician's safety levels

nonconducting plastic material, with 2 tubes horizontal and vertical



Art. no.	TL	kg	PU
240057	400	0,190	1
240058	600	0,255	1

PVC hammer 1000 V

Bounce-free, head of polyethylen, break-, wear- and splinter-proof, heads interchangeable

1000 V IEC 60900:2004



Art. no.	TL	Ø	kg	PU
180295	290	25	0,540	1
180297	290	35	0,790	1

Combined dowel and contact spanners

may be used for screws 2 - 63 A by changing the insert, handle made from insulating material



Art. no.	TL	kg	PU
120002	105	0,040	6

Insulated tweezers VDE 1000 V

austenitic steel, pointed, PVC-insulated



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211060	130	0,026	1

Insulated tweezers VDE 1000 V

austenitic steel, pointed round, bent, PVC-insulated



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211062	150	0,032	1

Insulated tweezers VDE 1000 V

austenitic steel, wide round, flat, PVC-insulated



1000 V IEC 60900:2004



Art. no.	TL	kg	PU
211064	145	0,042	1

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Safety advice for working with live voltage

The basic requirements for working with live voltage are safety-insulated tools. Legal regulations and the following safety advice should always be observed:

1. Transport your safety tools such that damage to the insulation is avoided.
2. Before use, make sure that the insulation is not damaged. Damaged tools must not be used.
3. Keep your safety tools clean and dry.
4. When working overhead or when using cutting pliers, protective glasses must be worn.
5. For your own safety, keep your work space clean and tidy when working with live voltage.
6. In enclosed, cramped spaces, protective clothing and equipment must be worn (e.g. safety gloves, covering drapes, protective hoods)
7. Only use suitable and tested tools. Make sure that loose and cut off parts do not fall onto live components.

Routine tests in accordance with VDE Norm 1000 V IEC 60900:2004



Cold-heading test

In this test, the toughness of the PVC material is checked by dropping a weight onto the tools which have been cooled down to -25°C. The tools must not show any cracking or other damage after the test.



Testing the adhesive strength of the PVC coating

After pliers have been stored for 168 hours at +70°C, the adhesive power of the PVC coating is tested using a pulling force of 500 Nm. The insulation material must stay firmly attached to the basic tool.



Flame resistance test

To exclude any fire risks, only flame-proof PVC material is used.



Pressure test

No puncture must occur, while testing the tool with a voltage of 5,000 V AC when also applying a pressure of 20 Nm at a temperature of +70°C to the tool.



Testing the insulating properties

After storing the tools under water for 24 hours, the tools are tested using 10,000 V AC for three minutes, while simultaneously measuring the discharge current. During this time, no puncture or sparkover must occur.












Voltage test

Each safety tool is individually voltage tested. This means that all tools which bear the relevant mark have been tested at 10,000 V AC and are approved for a voltage of 1,000 V, ensuring 10-fold safety.

Patent ratchet wrench

Screw profiles

-  Slot
-  Cross slot Phillips
-  Cross slot Pozidriv
-  Pozidriv/flat slot
-  Tx
-  Tx with safety pin
-  Allen screw
-  Hexagon head
-  Ball point



The HAUPA ratchet wrench has a number of patented advantages. It is characterised particularly by ergonomic handling and high functional safety.

The excellent interlocking of the wrench insert, which must be able to withstand pull-out forces of up to 500 N is the main feature.

The ratchet can be operated with one hand due to a cross slide made from non-conducting material (polyamide). It is ergonomically designed such that it is accessible with the thumb of the hand holding it. This cross slide, which is deep in the inside of the ratchet, also ensures that the testing voltage of 10 kV per gema DIN 60900 can easily be achieved.



Safety of HAUPA products

All HAUPA products under the product area of "working with live voltage" have a 2-colour multi-layer insulation (wherever technically possible). This multi-layer insulation supports the current VBG4 regulations. This regulation requires that before use all tools are tested for any damage that can be seen externally. The 2-colour coating – the second insulating layer contrast in yellow – ensures that any damages are visible immediately.

1000 V Tool cases

Hard top tool cases, Leather tool cases



Tool cases 1000 V

Tool case 1000 V

made of plastic, complete with 3/8" tools. Dimension: 450 x 340 x 100 mm.

Contents:

- Reversible ratchet 3/8"
- Extension 125 mm, 3/8"
- Extension 250 mm, 3/8"
- T-slip-on-keys 3/8"
- Sockets 3/8" (10, 12, 13, 14, 17, 19, 22, 24 mm)
- Dies for hexagon screws 3/8", 5, 6, 8 mm
- Torque stopper (12 to 25 Nm)
- 2C-VDE screwdriver 3,5 x 100 mm

with locking system



1000 V IEC 60900:2004



Art. no.	square	kg	PU
220147	3/8"	3,200	1

Tool case 1000 V

made of plastic, complete with 1/2" tools. Dimension: 450 x 340 x 100 mm.

Contents:

- Reversible ratchet 1/2"
- Extension 125 mm, 1/2"
- Extension 250 mm, 1/2"
- Slip-on-keys 1/2"
- Hexagon sockets 1/2", 10, 12, 13, 14, 17, 19, 22, 24 mm
- Dies for hexagon screws 1/2", 5, 6, 8 mm
- 2C-VDE screwdriver 3,5 x 100 mm

with locking system



1000 V IEC 60900:2004



Art. no.	square	kg	PU
220205/EN	1/2"	4,200	1

Tool case 1000 V

made of plastic, complete with 3/8" tools. Dimension: 400 x 290 x 110 mm.

Contents:

- Reversible ratchet 3/8"
- Extension 125 mm, 3/8"
- Extension 250 mm, 3/8"
- T-slip-on-keys 3/8"
- Sockets 3/8", 8, 10, 13, 17, 19 mm
- Dies for hexagon screws 3/8", 4, 5, 6, 8 mm

without locking system



1000 V IEC 60900:2004



Art. no.	square	kg	PU
220212	3/8"	2,500	1

Tool case „Real“ 1000 V

made of plastic, complete with 20 security tools.

Dimension: 450 x 340 x 100 mm.

Contents:

- 2C-VDE electrician's screwdrivers 2,5 x 75, 4 x 100, 6,5 x 150, 8 x 175
- 2C-VDE cross slotted screwdrivers PH, size 0, 1, 2
- VDE combination pliers 205 mm
- VDE side cutters 185 mm
- VDE telephone pliers, straight 200 mm
- VDE wire stripping pliers 160 mm
- VDE flat nose pliers 160 mm
- VDE round nose pliers 160 mm
- 2C-VDE socket wrenches 5, 8, 10, 13 mm
- Cable knife
- Cable stripping knife
- 2-pole voltage tester



1000 V IEC 60900:2004



Art. no.	kg	PU
220148	4,200	1

Tool case „Biber“ 1000 V

made of plastic, complete with 26 security tools.

Dimension: 450 x 340 x 100 mm.

Contents:

- 2C-VDE electrician's screwdrivers 4 x 100, 5,5 x 125, 6,5 x 150, 8 x 175 mm
- VDE combination pliers 205 mm
- VDE side cutters 185 mm
- VDE telephone pliers, straight, 200 mm
- Reversible ratchet 1/2"
- Extension 250 mm, 1/2"
- Hexagon sockets 1/2", 10, 11, 12, 13, 14, 17, 19 mm
- Open end spanners 10, 11, 12, 13, 14, 17, 19 mm
- 2-pole voltage tester
- Cable knife
- Cable stripping knife

with locking system



1000 V IEC 60900:2004



Art. no.	square	kg	PU
220146	1/2"	5,600	1

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Tool cases 1000 V

HAUPA „Vario Plus“ 1000V replaceable blade system

The „Vario Plus“ replaceable blade system with insulated replaceable blades, switching cabinet key is integrated into the system, VDE pliers set and voltage tester. All screwdrivers are tested individually (IEC 60900:2004) and ensure you are able to work safely up to 1000 V and provides the blades with a secure hold in the approved 2-component handle. Ideal for all servicetechnicians as the blade selection can be expanded to cover your individual requirements.

Contents:

- Slot: 0,4 x 2,5 x 100, 0,5 x 3,0 x 100, 0,6 x 3,5 x 100, 0,8 x 4,0 x 100, 1,0 x 5,5 x 100, 1,2 x 6,5 x 100
- Phillips: 0 x 100, 1 x 100, 2 x 100
- Pozidriv: 0 x 100, 1 x 100, 2 x 100
- Tx: 8 x 100, 9 x 100, 10 x 100, 15 x 100, 20 x 100, 25 x 100, 30 x 100
- Square: 8 x 47
- Double-bit: 5,3 x 47
- Screw cap, additional screw cap when using as precision tool (electronics)
- 2-component exchangeable handle: 120 mm
- Voltage testers VDE/GS: 100700, 125-250 V
- VDE 2C pliers: 211200, 211204, 211208, 211210



▲ 1000 V IEC 60900:2004



Art. no.		width	depth	height	kg	PU
102050	28-pieces	270	80	270	2,800	1

Tool case „Rotor“ 1000 V

of signal-red leather, with 46 safety tools, case 22 01 42 containing:

Contents:

- VDE combination pliers 185 mm
- VDE side cutters 165 mm
- VDE wire stripping pliers
- VDE round nose pliers 160 mm
- Plastic clamp
- Gloves, size 10
- 2C-VDE electrician's screwdrivers 2,5 x 75, 4 x 100 mm
- Safety grip
- Socket wrenches, size 6, 7, 8, 9
- Rubber towels 1000 mm
- 5 slip-on-bushes size 1, 10 mm
- 5 slip-on-bushes size 2, 10 mm
- 5 slip-on-bushes size 3, 10 mm
- 5 slip-on-bushes 10 mm
- 5 slip-on-bushes 20 mm
- 5 slip-on-bushes 30 mm
- Cable knives
- Voltage tester 150 - 250 V



▲ 1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220140	46-pieces	220142	7,845	1

Tool case „Delux“ 1000 V

of signal-red leather, with 54 safety tools, case 22 01 42 containing:

Contents:

- VDE telephone pliers, straight, 200 mm
- VDE telephone pliers, bent, 200 mm
- VDE combination pliers 185 mm
- VDE side cutters 165 mm
- VDE wire stripping pliers 160 mm
- 2C-VDE electrician's screwdriver 2,5 x 75, 4 x 100, 5,5 x 125, 6,5 x 150 mm
- 2C-VDE cross slotted screwdriver PH, size 1 + 2
- Socket wrenches 5,5, 7,0, 8,0, 10,0 mm
- Voltage tester „Profi“
- Hexagon sockets 10, 11, 12, 13, 14, 15, 16
- Reversible ratchet 1/2"
- T-sliding handle 1/2"
- Open end spanners 10, 12, 13, 19, 22, 24
- Cable knife
- Cable scissor 200 mm
- Slip-on bushes 5-pieces No. 1, 10 mm
- Slip-on bushes 5-pieces No. 2, 10 mm
- Slip-on bushes 5-pieces No. 3, 10 mm
- Plastic pliers 180 mm
- Plastic clamp
- Covering tape, grey
- Covering tape, red
- Safety grip
- Gloves size 9



▲ 1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220135	54-pieces	220142	9,500	1

Tool case „Delux Plus“ 1000 V

rigid case, signal-red, with high-grade fittings, complete with 54 safety tools, case 22 00 76.

Contents:

- 2C-VDE electrician's screwdriver 2,5 x 75, 4 x 100, 5,5 x 125, 6,5 x 150 mm
- 2C-VDE cross slotted screwdriver PH, size 1 + 2
- VDE telephone pliers, straight, 200 mm
- VDE telephone pliers, bent, 200 mm
- VDE combination pliers 185 mm
- VDE side cutters 165 mm
- VDE wire stripping pliers 160 mm
- Socket wrenches 5,5, 7, 8, 10 mm
- Voltage tester „Profi“
- Hexagon sockets 10, 11, 12, 13, 14, 15, 16
- Reversible ratchet 1/2"
- T-sliding handle 1/2"
- Open end spanners 10, 12, 13, 19, 22, 24
- Cable knife
- Cable scissors 200 mm
- Slip-on bushes 5-pieces No. 1, 10 mm
- Slip-on bushes 5-pieces No. 2, 10 mm
- Slip-on bushes 5-pieces No. 3, 10 mm
- Plastic pliers 180 mm
- Plastic clamp
- Covering tape, grey
- Covering tape, red
- Safety grip
- Gloves size 9



▲ 1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220239	54-pieces	220076	9,100	1

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Tool cases 1000 V

Tool case "Start-up VDE"

Hard-top case, black, 2 tool kits, document pocket with hook-and-loop fixing, combination lock, bottom half of case equipped with variable partitions, shoulder strap, 19 tools.

Contents:

- 2C-VDE electrician's screwdrivers 2,5 x 75, 4 x 100, 5,5 x 125 und 6,5 x 150 mm
- 2C-VDE cross slotted screwdrivers, PH, size 1 + 2
- 2C-VDE combination pliers 185 mm
- 2C-VDE side cutters 165 mm
- 2C-VDE telephone pliers 200 mm
- 2C-VDE wire stripping pliers 160 mm
- Wire stripper, hooked blade, 8 - 28 mm Ø
- Cable knife, 1-pieces
- Engineers' hammer, 300 g
- PUK pocket saw, fixed handle
- Electricians' chisel, 10 x 250 mm
- Paint scraper, 40 mm
- Voltage tester, blade 50 mm
- Measuring tape,
- Water brushes



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220235	19-pieces	220031	7,880	1

Tool case „Power Pack“

rigid case, signal red, with Alu frame and 2 locks, 3 plates with many compartements for tools, case 22 00 76 (460 x 180 x 310 mm).

Contents:

- 2C-VDE electrician's screwdrivers 2,5 x 75, 4 x 100, 5,5 x 125 und 6,5 x 150 mm
- 2C-VDE cross slotted screwdrivers PH, size 1 + 2
- 2C-VDE screwdrivers PZ/FL, size 1 + 2
- 2C-VDE combination pliers 185 mm
- 2C-VDE diagonal cutter 165 mm
- 2C-VDE telephone pliers 200 mm
- 2C-VDE cable cutter 200 mm
- 2C-VDE water pump pliers 240 mm
- VDE cable knife, straight blade, 50 mm
- Safety glasses „PRO“
- Automatic wire stripper 0,2 - 6 mm²
- Voltage tester „TestPen“
- Voltage tester „Profi“
- Finger gloves, size 9
- Ear protection plugs
- NH-safety fuse grip



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220303	21-pieces	220076	8,800	1

Tool case „Basic VDE“

hard-side case, black, 2 tool sections (one with document pocket), bottom half of case equipped with variable partitions, with high-grade fittings, 19 tools. Case 22 00 38.

Contents:

- 2C-VDE electrician's screwdrivers, 2.5 x 75, 4 x 100, 5.5 x 125, 6.5 x 150 mm
- 2-VDE cross slotted screwdrivers PH, size 1 + 2
- 2C-VDE combinations pliers, 185 mm
- 2C-VDE side cutters 165, mm
- 2C-VDE telephone pliers, straight, 200 mm
- 2C-VDE cable cutter 200 mm
- Wire stripper, hooked blade, 8 - 28 mm Ø
- Cable knife, 1 blade
- Engineers' hammer, 300 g
- PUK pocket saw, fixed handle
- Electricians' chisel, 10 x 250 mm
- Voltage tester blade, 50 mm
- Measuring stick, 2 m
- Paint scraper, 40 mm
- Water brushes



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220244	19-pieces	220038	8,800	1

Tool case „Venus Plus“ 1000 V

rigid case, signal-red, complete with 32 safety-tools. (460 x 180 x 310 mm).

Contents:

- VDE round nose pliers 160 mm
- VDE telephone pliers, straight, 200 mm
- VDE telephone pliers, bent, 200 mm
- VDE combination pliers 185 mm
- VDE side cutter 165 mm
- VDE wire stripping pliers 160 mm
- Retaining screwdrivers 100, 125 mm
- Retaining screwdriver cross-slotted
- Right angle allen keys, 6, 8 mm
- Electrician's screwdrivers 75, 100, 150, 175, 200 mm
- Cross slotted screwdriver, PH size 1 + 2
- Cross slotted screwdriver, PZ No. 1 + 2
- 2C-VDE socket wrenches 5,5, 6, 7, 8 mm
- Voltage tester "Profi"
- Cable knife, insulated
- Cable knife
- Cable scissor
- Plastic pliers 180 mm
- Self adhesive PVC tape, red, 10 m
- NH-Safety grip
- Finger gloves, size 9



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220033	32-pieces	220032	9,980	1

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Tool cases

Tool case „Leopard“

rigid case, signal-red, complete with 32 safety tools (460 x 180 x 310 mm).

Contents:

- 2C-VDE electrician's screwdrivers 2,5 x 75, 4 x 100, 6,5 x 150, 8,0 x 175, 10,0 x 200 mm
- 2C-VDE cross slotted screwdrivers PH, size 1 + 2
- 2C-VDE cross slotted screwdrivers PZ, size 1 + 2
- Retaining screwdrivers 100, 125 mm
- Retaining screwdriver, cross-slotted
- Right angle allen keys, 6, 8 mm
- VDE round nose pliers, 160 mm
- VDE telephone pliers, straight, 200 mm
- VDE telephone pliers, bent, 200 mm
- VDE combination pliers 185 mm
- VDE wire stripping pliers 160 mm
- VDE side cutter, 165 mm
- Socket wrenches 5,5, 6, 7, 8 mm
- Voltage Tester „Profi“
- Cable knife, insulated
- Cable knife
- Cable scissor
- Plastic pliers 180 mm
- Covering tape, red 10 m
- NH-safe



▲ 1000 V IEC 60900:2004

Art. no.	empty	kg	PU
220136	32-pieces	220076	9,600 1

Tool case „Venus“

rigid case, made of ABS-plastic material, signal-red, empty, suitable especially for safety-tools, excellent rib-profile on the outside, high-quality locks, inside with separation for documents, 2 plates with compartments for several tools, 1 tray of ABS-plastics with separations for individual divisions.



Art. no.	width	depth	height	kg	PU
220032	460	180	310	5,500	1

Tool case „Pendant“

rigid case, signal red, with Alu frame and 2 locks, with 3 plates with many compartments for tools



Art. no.	width	depth	height	kg	PU
220076	460	180	310	5,100	1

Tool case „Profi VDE“

Hard-top case, black, 2 tool kits, document pocket with hook-and-loop fixing, combination lock, bottom half of case equipped with variable partitions, shoulder strap, 38 tools.

Contents:

- 2C-VDE electrician's screwdrivers 2,5 x 75, 3 x 100, 6,5 x 150, 8 x 175 mm
- 2C-VDE socket wrenches, size 5,5, 7, 8, 10
- 2C-VDE cross slotted screwdrivers, PH 1 + 2
- VDE long chain nose pliers, straight, 200 mm
- VDE combination pliers 185 mm
- VDE heavy duty side cutters 200 mm
- VDE wire stripping pliers 160 mm
- VDE cable cutter, max. 15 mm
- Cable knives, 1000 V, 50 mm
- Finger gloves, size 9
- NH-safety fuse grip
- Rubber towels, 1000 x 1000 x 1,6 mm
- Plastic clips, 160 mm
- Slip on bushes, No. 1, 2, 3 (each 5 x)
- Self adhesive PVC tape, red, 10 m
- Heat protection gloves
- Safety glasses



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Art. no.	empty	kg	PU
220232	35-pieces	220031	9,980 1

Tool case „Magister“

of signal-red leather, with many compartments for tools, empty



Art. no.	width	depth	height	kg	PU
220142	440	165	260	5,000	1

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Tool case „HAUPA – Lifesaver“ 1000 V

Aluminium case, equipped with 54 safety tools.
Size: 830 mm x 550 mm x 300 mm, weight: 37 kilos.

Contents:

- 2C-VDE socket wrenches 5, 5,5, 7, 8, 10, 11, 13 mm
- Voltage-Tester
- 2C-VDE electrician's screwdrivers
2,5 x 75, 3 x 100, 4 x 100, 5,5 x 125, 6,5 x 150 mm
- 2C-VDE cross-slotted-screwdrivers PH, size 1, 2
- 2C-VDE cross-slotted-screwdrivers PZ, size 0, 1, 2
- VDE right angle-allen key 3
- VDE right angle-allen key 4
- VDE right angle-allen key 5
- VDE right angle-allen key 6
- VDE right angle-allen key 8
- VDE right angle-allen key 10
- VDE right angle-Allen key 12
- VDE open-End Spanners
6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30 32
- spanner for switch-cabinets
- finger gloves, size 10
- VDE safety face mask
- VDE safety grip
- VDE electricians boots, size 42
- VDE insulating floor mat
- VDE rubber towels 600 mm
- VDE plastic clip 160 mm (2-pieces)
- Slip-on busches 10 mm (4-pieces)
- Safety belt 1400 mm
- Fallstop-breaking device and rope shortening 2 m
- VDE knife with strong blade
- VDE cable cutter 200 mm
- VDE combination pliers 185 mm
- VDE side cutter 185 mm
- VDE long chain nose pliers 200 mm
- VDE wire stripping pliers 160 mm
- VDE tweezer, pointed round 150 mm
- Fall breaking belt typ A



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Art. no.		width	height	depth	kg	PU
220400	54-pieces	830	550	300	37,000	1
220079	empty	830	550	300	7,500	1

You can find more tool cases in this catalogue in
"Standard program" from page 190.

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Tool sets 1000 V

Single ended tool set acc. to VDE 1000 V

in tool wallet of black imitation leather. Contents: 8 single ended tools of chrom vanadium steel, offset at 15°, 2-coloured coating-insulation - inside yellow/ outside red.

Contents:

- Size of key
10, 11, 12, 13, 14, 17, 19, 22



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Art. no.		empty	kg	PU
220017	8-pieces	220002	1,700	1

VDE security set 1000 V

Bag of imitation leather, for working under tension up to 1000 V. 10-pieces

Contents:

- 2C-VDE electricians screwdrivers
2,5 x 75, 4 x 100, 5,5 x 125, 6,5 x 150 mm
- 2C-VDE cross slotted screwdrivers PZ, size 1 + 2
- 2C-VDE combination pliers VDE 185 mm
- 2C-VDE side cutters 185 mm
- Voltage tester "Basic"
- Cable stripping knife, 35 mm



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Art. no.		empty	kg	PU
220014	10-pieces	220004	1,700	1

VDE/GS - Tool sets 1000 V

in red coloured plastic wallet, 11-pieces.

Contents:

- 2C-VDE electricians screwdrivers 75, 100, 125, 150 mm
- 2C-VDE cross slotted screwdrivers PZ, size 1
- VDE combination pliers 185 mm
- VDE round nose pliers 160 mm
- VDE side cutters 165 mm
- VDE wire stripping pliers 160 mm
- 2C-VDE socket wrench 7 mm
- VDE/GS voltage tester



▲ 1000 V IEC 60900:2004



Art. no.		width	height	depth	kg	PU
220130	11-pieces	300	230	50	2,150	1
220016	empty	300	230	50	0,900	1

Backpacks

Backpack „VDE“

Tool backpack not only for the trainee, base shell rubber reinforced, double cross seam for high load.

Contents:

- 2C-VDE-Electricians' screwdriver set, 6 pcs.
- 2C-VDE-Cable cutters 200 mm
- 2C-VDE-Telephone pliers straight, 200 mm
- 2C-VDE-Combination pliers 185 mm
- 2C-VDE-Side cutters 165 mm



▲ 1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220279	10-pieces	220275	4,200	1

Backpack „VDE plus“

Tool backpack not only for the trainee, base shell rubber reinforced, double cross seam for high load.

Contents:

- 2C-VDE-Cable cutters 200 mm
- 2C-VDE-Telephone pliers straight, 200 mm
- 2C-VDE-Wire stripping pliers 160 mm
- VDE-Cable knife, straight blade, 50 mm
- 2C-VDE-Combination pliers 185 mm
- 2C-VDE-Side cutters 165 mm
- 2C-Replaceable blade system „Vario“, 1000 V, 10 pcs.
- Voltage tester „Profi“ 12-690 V
- Test Pen „Basic“
- NH-safety fuse grip
- Electricians' protection helmet
- Safety-face mask



▲ 1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220277	21-pieces	220275	4,200	1

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Tool bag 1000 V

HAUPA Tool bag VDE

8 compartments for your tools, reinforced main compartment, steel rivets for high reliable quality. Big front compartment for nails or measurement tape, hammer sleeve, fits up to 135 cm hips, material: extra strong 600D polyester, colour: green, black

Contents:

- 2C electrician's screwdriver
- 2C cross slotted screwdrivers PH, size 1 and 2
- 2C combination pliers, 200 mm
- 2C side cutters, 160 mm
- Voltage tester "Basic"
- Cable knife, 1-piece



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220211	7-pieces	220105	1,600	1

HAUPA Tool bag 1000 V

Tool bag with inner and outer tool compartments, rubber-reinforced base. Comes complete with 13 tools.

Contents:

- 2C-VDE combinations pliers 185 mm
- 2C-VDE side cutters 165 mm
- 2C-VDE telephone pliers pliers, straight, 200 mm
- 2C-VDE wire stripping pliers 160 mm
- 2C-VDE-screwdriver set, 6 electrician's screwdrivers
- Spanner for switch-cabinets
- Cable knife
- Voltagetester "Basic"



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220510	13-pieces	220061	4,200	1

Tool belts

Tool belt „VDE plus“

10 compartments to organize your tools, hammer sleeve and tapeholder belt loop for easy attachment to belt, materials: extra strong 600D polyester, colour: black/green

Contents:

- 2C-VDE-Cable cutters 200 mm
- 2C-VDE-Side cutters 165 mm
- 2C-VDE-Combination pliers 185 mm
- 2C-Replaceable blade system „Vario“ 1000 V, 10 pcs.
- VDE-Cable cutter straight blade, 50 mm
- Voltage tester „Profi“ 12-690 V
- Test Pen „Basic“



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220281	16-pieces	220224	2,600	1

Tool belt „VDE“

10 compartments to organize your tools, hammer sleeve and tapeholder belt loop for easy attachment to belt, materials: extra strong 600D polyester, colour: black/green

Contents:

- 2C-VDE-Side cutters 165 mm
- 2C-VDE-Cable cutters 160 mm
- 2C-VDE-Combination pliers 185 mm
- 2C-VDE-Electricians' screwdriver 5,5x125 mm
- 2C-VDE-Cross slotted screwdrivers PH 2
- 2C-VDE-Electricians' screwdriver 3x100 mm
- VDE-Cable cutter straight blade, 50 mm
- Test Pen „Basic“



1000 V IEC 60900:2004



Art. no.		empty	kg	PU
220282	8-pieces	220224	4,200	1

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Protection Equipment



Safety tools

Gloves in accordance with DIN EN 60903

made from latex, for working voltages of 500, 1000, 7500, 15000, 17000 to 26500 Volt. **Electricians gloves by HAUPA protect from dangers through arcing faults.** Pleasant, slightly roughened surface in the palm and finger area (**improved non-slip**)



Art. no.	size	Volt	TL	strength	kg	PU
120004	9	500	350	0,5	0,250	1
120005	10	500	350	0,5	0,260	1
120006	9	1000	400	1,0	0,270	1
120007	10	1000	400	1,0	0,280	1
120006 561	10	7500	400	1,5	0,530	1
120006 564 S	10	17000	400	2,3	0,750	1
120006 587	10	26500	400	2,9	1,000	1

Jersey electricians gloves in accordance with DIN EN 60903

in jersey version. Increase sensitivity and wearing comfort. The cotton jersey absorbs sweat and makes it easier to put on the gloves and take them off



Art. no.	size	Volt	TL	strength	kg	PU
120024	9	500	350	0,5	0,270	1
120025	10	500	350	0,5	0,270	1
120026	9	1000	400	1,0	0,270	1
120027	10	1000	400	1,0	0,270	1

Heat protection gloves acc. to EN 407 411

Inner glove for heat insulation according to EN 407, flame resistant, made from NOMEX III, heat insulation for contact and insulation against convective heat



Art. no.	kg	PU
120011	0,070	1

Cotton gloves for putting underneath

short cotton gloves to wear with latex-gloves
Art. No. 12 00 04 - 12 00 07



Art. no.	kg	PU
120003	0,050	1

Safety fuse grips

with slip off protection and protection sleeve, for low voltage (NH) fuses class 00 - 3, protective sleeve made from smooth, impregnated leather



Art. no.	kg	PU
120012	0,180	1

Electricians' protection helmets acc. to DIN EN 397 1000 V

low weight, very weatherproof even in cold areas and a stable and very comfortable 4-point belt strap interior. Adjustable to head size, rain catch, slots for ear protection, mount for face protection shields (Art. no 12 00 10)



Art. no.		kg	PU
120008	green	0,350	1
120008 GELB	yellow	0,350	1
120008 ROT	red	0,350	1
120008 WEISS	white	0,350	1

Electricians' boots acc. to EN 50321 Class 0

size 42 to 48



Art. no.		kg	PU
120014	42	2,160	1
120015	43	2,160	1
120016	44 - 45	2,160	1
120017	46	2,160	1
120018	47 - 48	2,160	1

Safety-face masks acc. to EN 166

for protection against arc faults



Art. no.		kg	PU
120010	transparent	0,260	1

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Electricians protection visor acc. to EN 166

Protection against short circuit lighting, vision screen of acetate, glassy, transparent forehead protection, convenient head mounting and individual adjustable



Art. no.		kg	PU
150377	transparent	1,040	1

Safety classes acc. to EN 166

Goggles with transparent lenses, black/orange nylon frame, lenses made of polycarbonate, light weight, high wearing comfort, protects against mechanical risks caused by flying parts, EN166, ANSI Z87.1



Art. no.		kg	PU
120087		0,270	1

Safety classes acc. to EN 166

Single lens goggles with transparent lenses, black nylon frame, lenses made of polycarbonate, light weight, high wearing comfort, arm length can be adjusted. Protects against mechanical risks caused by flying parts, EN166, ANSI Z87.1



Art. no.		kg	PU
120088		0,100	1

Safety classes acc. to EN 166

Single lens goggles with transparent lenses, soft transparent PVC frame, lenses made of polycarbonate, light weight, high wearing comfort, adjustable elastic head band, protects against mechanical risks caused by flying parts, the eye area is fully protected, pleasantly large field of vision suitable for people who wear glasses, ducts for indirect ventilation ensure the goggles do not mist, EN166, ANSI Z87.1



Art. no.		kg	PU
120091		0,270	1

Safety classes acc. to EN 166

Single lens goggles with transparent lenses, soft transparent PVC frame, lenses made of polycarbonate, light weight, high wearing comfort, elastic and adjustable head band, protects against mechanical risks caused by flying parts, EN166, ANSI Z87.1



Art. no.		kg	PU
120093		0,270	1

Ear protection plugs

Universal size, the material adapts individually to every auditory canal, simple to handle, reusable SNR: 30 dB



Art. no.		kg	PU
120115	green	0,013	1

Ear defenders acc. to EN 352

Enclosed hearing protectors according to EN 352 with universal bow, soft sealing cushions for long comfort in wear, SNR: 23 dB



Art. no.		kg	PU
120111	red	200	1

Ear defenders acc. to EN 352

Dielectric design for environments with the risk of electrical influences, supersoft sealing cushions for long comfort in wear, three wearing positions make combination with safety helmets, face and breathing masks and other safety equipment easy, SNR: 26 dB



Art. no.		kg	PU
120112	blue	200	1

Dust masks

light type, made of filter-fleece, against fine particulate



Art. no.		kg	PU
120120	filterclass P 1	0,014	1
120122	filterclass P 1	0,022	1

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Safety tools

Safety-sets VDE/GS

in practical bag, 6-pieces. **Contents:** Electricians' helmet, safety mask, safety handle, gloves size 9 (1000 V), insulating mat 1000 x 1000 x 4 mm



Art. no.		kg	PU
300228	6-pieces	7,500	1
300229	5-pieces (without insulating mat)	2,500	1

Safety Jacket IPS acc. to DIN VDE 0680 part 1 E

length 90 cm, with sewed on cowl, breast pocket with plate, colour signal-red, similar to DIN IEC 304, 500 volt



Art. no.	size	kg	PU
120020	S, M, L, XL	1,500	1
150300	bag for storing	0,800	1

Safety trousers IPS acc. to DIN VDE 0680 part 1 E

band trousers, adjustable elastic braces, outside pocket with plate, colour signal-red, similar to DIN IEC 304, 500 volt



Art. no.	size	kg	PU
120022	S, M, L, XL	1,100	1
150300	bag for storing	0,800	1

Climping irons acc. to DIN 48 345

postal-type, with 2 points, offset foot-plate and wide leather heel cap, width of points 260 mm, for wooden posts of 150 - 240 mm diam.



Art. no.	kg	PU
150280	4,050	1

Climping irons

drop forged steel, 3 points, interchangeable frame, strong leather, for pales of 110 - 260 mm, for every size of shoes



Art. no.		kg	PU
150286	small cap	4,150	1
150288	wide cap	4,300	1

Safety ropes acc. to A-DIN 83330

Safety ropes with hand loop and safety spring hooks acc. To A-DIN 5290. Type: 16 mm drilled polyamide rope



Art. no.	TL strength	kg	PU
150262	5000 16	1,200	1
150264	10000 16	2,040	1
150266	15000 16	2,810	1
150268	20000 16	3,350	1

Safety belts acc. EN 358

safety belt universal for all sizes, length 1,50 meter



Art. no.	TL	kg	PU
150240	1500	1,110	1

Fallstop acc. to EN 354

Breaking device and rope shortening acc. to EN 355, length 2 m, one hand spring hooks on both sides



Art. no.	TL	kg	PU
150274	2000	0,175	1

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Travelling safety device DIN 353-2, Type ASK 1

Rope shortener function: takes up slack rope and thus reduces height of the fall.
Fall absorber function: in the case of a fall this limits the catching impact to a medically acceptable level of 6 kN.
Features: Rope shortener made from V2A stainless steel, connection band with integrated fall absorber and self-securing trigger snap, high level of functional safety and absolutely maintenance free due to simplest mechanism, cannot be operated incorrectly, as every device is firmly attached to the rope



Art. no.	TL	strength	kg	PU
150275	5000	12	0,230	1
150276	10000	12	0,270	1
150277	15000	12	0,310	1
150278	20000	12	0,490	1
150279	25000	12	3,700	1

Safety harness DIN EN 361

Universal harness, rapid adjustment of shoulder strap (orange, 45 mm), body strap (orange, 45 mm) and leg straps (blue, 45 mm), fits all sizes, 1 back D ring, 2 side rings, lightweight, comfortable fabric. The forces that develop during a fall are transferred to less sensitive parts of the body



Art. no.	kg	PU
150270	1,500	1

Personal safety set

Safety harness (15 02 70), safety device (15 02 77) and shock absorbing rope (15 m) in practical backpack



Art. no.	kg	PU
150258	2,200	1

Insulating floor mats acc. to VDE 0303

with anti-skid surfaces, colour: grey,
20.000 Volt



Art. no.	TL	kg	PU
120030	1000	1 m x 1 m x 4 mm	4,000 1
120031	10000	10 m x 1 m x 4 mm	38,000 1

Rubber towels acc. to VDE 0680/1

grease and acid-proof, for covering of live equipment



Art. no.	TL	width	strength	kg	PU
120040	120	120	1,6	0,035	1
120042	350	250	1,6	0,220	1
120044	600	600	1,6	0,910	1
120046	1000	1000	1,6	2,600	1
120048	1200	1200	1,6	3,200	1

Covering blankets transparent

in accordance with VDE 0680 part 1, with special labelling 1000 V, transparent, largely UV-resistant, flexible in the cold



Art. no.	TL	width	strength	kg	PU
120200	50000	1300	0,5	41,500	1
150322	25000	1200	1,0	38,000	1

Covering blankets transparent

in accordance with VDE 0680 part 1, with special labelling 1000 V, transparent, largely UV-resistant, flexible in the cold



Art. no.	TL	width	strength	kg	PU
150302	1000	600	1,0	0,750	1
150304	1000	600	0,5	0,375	1
150306	1000	400	1,0	0,520	1
150308	1000	400	0,5	0,260	5
150310	1000	300	1,0	0,380	1
150312	1000	300	0,5	0,190	1
150314	600	400	1,0	0,340	1
150316	600	400	0,5	0,170	1
150318	400	300	1,0	0,170	1
150320	400	300	0,5	0,085	1

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Safety tools

Fully insulating 1000 V PVC flat nose pliers

all of plastic, specially for mounting and blocking of electricmeters

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
120051	190	0,106	1

Flat nose pliers 1000 V

all of plastic, specially for mounting and blocking of electricmeters

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
120052	160	0,085	1

Plastic clips 1000 V

for fastening of rubber towels



Art. no.	TL	kg	PU
120049	8	0,025	1
120050	16	0,045	1

Self adhesive PVC tape

VDE 0340/T1/5.75, temperature area - 10 to + 90° C, 100 x 0,15 mm



Art. no.	TL	kg	PU
120095	grey 10000	0,150	1
120096	red 10000	0,150	1

Slip on bushes 1000 V

for protective covering of bare live cable terminals, numbered: No. 1 - 2 - 3

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	for No.	kg	PU
120060	9,5	13	1	0,010	1
120062	9,5	13	2	0,010	1
120064	9,5	13	3	0,010	1

Slip on bushes 1000 V

self clamping, not numbered

⚠ 1000 V IEC 60900:2004



Art. no.	TL	Ø	kg	PU
120070	7,5	10	0,010	1
120072	10	20	0,020	5
120074	12	30	0,040	5
120071	13,5	40	0,055	5
120069	15,5	50	0,095	1
120073	13	60	0,105	1

Insulator cover for gable insulators 1000 V

with plastic buttons, absolutely safety attachments, touch protection on the bottom side, of weak, weather proofed insulation-material, for long term usage suitable

⚠ 1000 V IEC 60900:2004



Art. no. 120079

Art. no. 120089

Art. no.	TL	width	kg	PU
120079	245	270	0,900	1
120089	115	270	1,100	1

Insulator cover for gable insulators 1000 V

double faced, inside soft and outside strong plastic, for transformers and similar products

⚠ 1000 V IEC 60900:2004



Art. no.	TL	kg	PU
120057	80	0,335	1
120059	300	0,700	1

NH-protecting caps 1000 V

for the covering of spring contacts

⚠ 1000 V IEC 60900:2004



Art. no.	TL	width	kg	PU
120058	315	170	0,390	1

NH-protecting caps 1000 V

for the covering of spring contacts

⚠ 1000 V IEC 60900:2004



Art. no.	TL	width	kg	PU
120077	170	140	0,140	1
120078	255	135	0,205	1

kg	Weight in kg	CW	Cutting width	Cont.	Contents	Col.	Colour	Sbl.	Saw blade length
Size	Size	L	Length in mm	BL	Blade length	Mat.	Material	Drive	Drive
TL	Total length	W	Width mm	mm ²	Diameter in mm ²	TMA	Tested/Measured area	Load	Load
Ø	Cross-section mm	No.	Number	St.	Cutting strength	WS	Wrench size	PU	Packing unit/piece

Sealing pliers

made of cast iron, punch exchangeable and hardened, bright nickel-plated



Art. no.	TL	dies-Ø	kg	PU
210700	125	8	0,230	1
210702	145	9	0,340	1
210704	165	10	0,430	1

Dies for sealing pliers

loose dies



Art. no.	dies-Ø	kg	PU
210710	8	0,005	1
210712	9	0,005	1
210714	10	0,005	1

Engraving for sealing pliers

Special engraving on request

Art. no.	
210731	up to 3 letters
210732	every further letter
210733	every border

Lead seals



Art. no.	Ø	kg	PU
150340	8	1,000	1
150342	9	1,000	1
150344	10	1,000	1

Plastic seals



Art. no.	Ø	kg	PU
150343	9	0,000	1000
150345	10	0,000	1000

Seal wire



Art. no.	TL	d1	d2	kg	PU
150360	115	0,5	0,5	0,520	1
150362	230	0,5	0,5	1,060	1
150364	190	0,5	0,3	0,555	1
150366	380	0,5	0,3	1,040	1
150368	300	0,3	0,3	0,500	1
150370	600	0,3	0,3	1,000	1

Plastic seal wire

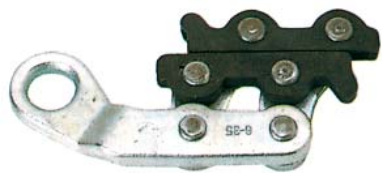


Art. no.	TL	d1	d2	kg	PU
150375 BLAU	100	0,5	0,6	0,200	1
150375 GRÜN	100	0,5	0,6	0,200	1
150375 ROT	100	0,5	0,6	0,200	1

Accessories

Parallel rope tension clamps

for copper and steel cables and wires



Art. no.	for ropes mm ²	Ø	load kg	kg	PU
130064	6-35	3-8	1000	0,890	1
130066	16-70	4-12	1400	1,230	1
130068	50-100	8-16	2500	1,920	1

Hemp tackle block ropes

made of hemp, 20 m long



Art. no.	rope-Ø	kg	PU
130042	8	0,950	1
130044	10	1,330	1

Tackle blocks

made from steel, with turnable hooks, 2 blocks, rust protected finish, with 3 brass rolls



Art. no.	roll-Ø	rope-Ø	load kg	kg	PU
130004	50	8	200	1,820	1
130006	60	10	250	1,960	1

