



BERNSTEIN[®]
TOOLS FOR ELECTRONIC

BERNSTEIN VDE TOOLS

VDE pliers, safety tool, sets and suitcases

SAFETY TOOLS



SAFETY WRENCHES



SAFETY PLIERS



CONTENT



VDE TOOLS

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* Please note that this is only a small content of our complete catalog.

BACKPACK VDE TOOL KIT GLOBETROTTER 8300 VDE

Tool kit with basic equipment of 1000 Voltage Tools



High durable nylon backpack with upholstered carrying straps with belly- and breast-band and rubber-coated ergonomical handle. On the outside the backpack has each one pocket on the left and on the right side, a voluminous front pocket with zip fastener, an address partition and a hook-and-loop taped pocket for mobile phone. The bottom of the backpack is splash-proofed.

The backpack body is closed by a high grade zip fastener, the opening angle is about 90°. Inside the tools are arranged in 8 pouches on the inside back and on a removable tray with 8 pouches on the front side and 2 rows with elastic loops on the back side. Further a laptop computer can be stored in an upholstered partition inside the front part. The basic tool arrangement is equipped with 22 tools for high voltage purposes.

BERNSTEIN safety tools are produced in accordance with specification EN 60.900 of the Association of German Electrical Engineers (VDE) - the guarantee of optimal safety. The two-colour multilayered insulation, (outside red - inside yellow), allows a simple safety control, practicable at any time: damages of the external red insulation immediately become visible by the yellow layer below.

No.	Description of individual tools	No.	Description of individual tools
13-106 VDE	Side cutters, 165 mm, for steel wire up to 1.6 mm Ø; chrome-plated, with two-colour multilayered insulation	16-503 VDE	Single-ended open-jaw wrench, 8.0 mm A/F, chrome vanadium with two-colour multilayered insulation
13-207 VDE	Telephone pliers, 205 mm, straight jaws, with cutting edge for hard wire up to 1.6 mm Ø, chrome-plated, with two-colour multilayered insulation	16-504 VDE	Single-ended open-jaw wrench, 9.0 mm A/F, finish as above
13-707 VDE	Combination pliers, 190 mm, with wire cutter, chrome-plated, with two-colour multilayered insulation	16-505 VDE	Single-ended open-jaw wrench, 10.0 mm A/F, finish as above
14-651 VDE	Screwdriver, blade 75 x 2.5 mm, with bicoloured VDE safety insulation	16-506 VDE	Single-ended open-jaw wrench, 11.0 mm A/F, finish as above
14-653 VDE	Screwdriver, blade 100 x 4.0 mm, finish as above	16-507 VDE	Single-ended open-jaw wrench, 12.0 mm A/F, finish as above
14-654 VDE	Screwdriver, blade 125 x 5.5 mm, finish as above	16-508 VDE	Single-ended open-jaw wrench, 13.0 mm A/F, finish as above
14-656 VDE	Screwdriver, blade 150 x 6.5 mm, finish as above	16-509 VDE	Single-ended open-jaw wrench, 14.0 mm A/F, finish as above
14-658 VDE	Screwdriver, blade 175 x 8.0 mm, finish as above		
14-682 VDE	Cross-recess screwdriver, size 1, blade length 80 mm, as above	8310 additionally with the following tools	
14-683 VDE	Cross-recess screwdriver, size 2, blade length 100 mm, as above	16 440 VDE	9-piece set of sockets with T-socket wrench 1/2" square drive, 200 mm, two-colour multilayered insulation, in a wallet from red leather imitation, AF 10-11-12-13-14-15-17-19mm
14-692 VDE	Cross-recess screwdriver PZ, size 1, blade length 80 mm, as above	16-471 VDE	Reversible ratchet 1/2", 260 mm long, two-colour multilayered insulation
14-693 VDE	Cross-recess screwdriver PZ, size 2, blade length 100 mm, as above	16-476 VDE	Rigid extension 1/2", 125 mm long, with locking device, two-colour multilayered insulation
15-521 VDE	Cable knife with blade protection, blade length 50 mm	17-501 VDE	Electrician's protective glove, size 10
15-522 VDE	Cable stripping knife with blade protection, blade length 35 mm	17-521 VDE	Plug-in grip leather gauntlet for NH fuses
15-531 VDE	Automatic wire stripper „Super“, for works on „hot“ lines up to 1000 V, for all common stranded and solid conductors of 0.2 - 6.0 mm²	17-523 VDE	Plastic clip, 170 mm long, with internal spiral spring



Outside dimensions: 350 x 430 x 230 mm

Weight without tool set: ca. 2.000 kg

Weight with 22 tools: ca. 4.000 kg
Weight with 36 tools: ca. 7.300 kg

8300 VDE  **BERNSTEIN' GLOBETROTTER** with 22 tools

8310 VDE  **BERNSTEIN' GLOBETROTTER** with 36 tools

8315  **BERNSTEIN' GLOBETROTTER** without tool set

SAFETY VDE TOOL CASE 8100 VDE

A case full of safety for operations under voltage up to 1000 V



Extremely stable case made from cowhide, red safety-colour. The hinged front plate allows to grip easily the 35 tools placed in partitions and in the tray in the bottom. Behind the tool set there is a partition for protective gloves, security grip etc.. Furthermore there is a separate pocket for connection diagrams and other documents. The case has two locks. At the side it has loops for attaching a carrying strap.

BERNSTEIN safety tools are produced in accordance with specification EN 60.900 of the Association of German Electrical Engineers (VDE) - the guarantee of optimal safety. The two-colour multilayered insulation (outside red - inside yellow) allows a simple safety-control, practicable at any time: damages of the external red insulation immediately become visible by the yellow layer below.

No.	Description of individual tools	No.	Description of individual tools
4-344 VDE	Voltage tester, blade 100 x 3.5 mm	16-445 VDE	Socket, as above, 14 mm A/F
13-106 VDE	Side cutter, 165 mm, for piano wire up to 1.6 mm Ø, chrome-plated, with two-colour multilayered insulation	16-447 VDE	Socket, as above, 17 mm A/F
13-207 VDE	Telephone pliers, straight, 205 mm, chrome-plated, with wire cutter, two-colour multilayered insulation	16-448 VDE	Socket, as above, 19 mm A/F
13-208 VDE	Telephone pliers, bent, 205 mm, chrome-plated, with wire cutter, two-colour multilayered insulation	16-449 VDE	Socket, as above, 22 mm A/F
13-707 VDE	Combination pliers, 190 mm, chrome-plated, with wire cutter, two-colour multilayered insulation	16-451 VDE	Socket, as above, 24 mm A/F
13-806 VDE	Wire strippers, 165 mm, chrome-plated, with adjusting screw, two-colour multilayered insulation	16-471 VDE	Reversible ratchet, 260 mm long, with two-colour multilayered insulation
14-652 VDE	Screwdriver, blade 100 x 3.5 mm, VDE safety insulated	16-476 VDE	Rigid extension with locking device, length 125 mm, with two-colour multilayered insulation
14-653 VDE	Screwdriver, blade 100 x 4.0 mm, VDE safety insulated	16-503 VDE	Single-ended open-jaw wrench, 8 mm A/F, chrome vanadium with two-colour multilayered insulation
14-654 VDE	Screwdriver, blade 125 x 5.5 mm, VDE safety insulated	16-504 VDE	Single-ended open-jaw wrench, as above, 9 mm A/F
14-656 VDE	Screwdriver, blade 150 x 6.5 mm, VDE safety insulated	16-505 VDE	Single-ended open-jaw wrench, as above, 10 mm A/F
14-658 VDE	Screwdriver, blade 175 x 8.0 mm, VDE safety insulated	16-506 VDE	Single-ended open-jaw wrench, as above, 11 mm A/F
14-682 VDE	Cross-recess screwdriver, size 1, VDE safety insulated	16-507 VDE	Single-ended open-jaw wrench, as above, 12 mm A/F
14-683 VDE	Cross-recess screwdriver, size 2, VDE safety insulated	16-508 VDE	Single-ended open-jaw wrench, as above, 13 mm A/F
15-522 VDE	Cable stripping knife with blade-protection, blade 35 mm	16-509 VDE	Single-ended open-jaw wrench, as above, 14 mm A/F
16-441 VDE	Socket, 10 mm A/F, with 1/2" square drive, chrome vanadium, two-colour multilayered insulation	17-501 VDE	Electrician's protective gloves, size 10
16-442 VDE	Socket, as above, 11 mm A/F	17-521 VDE	Plug-in grip with leather gauntlet for NH-fuses
16-443 VDE	Socket, as above, 12 mm A/F	17-523 VDE	Plastic clip, 170 mm long, with internal spiral spring
16-444 VDE	Socket, as above, 13 mm A/F		



Outside dimensions: 440 x 175 x 310 mm

Weight without tool set: ca. 3.000 kg

Weight with tools: ca. 7.500 kg

8100 VDE **BERNSTEIN SAFETY** with tool set

8115 VDE **BERNSTEIN SAFETY** without tool set

VDE TOOL SETS 8150 VDE AND 8160 VDE

Safety tools at hand in a plastic case



Black plastic case made from polypropylen with elegant styled stable locks. The full length hinge ensures a very high sturdiness of the case. One case half is totally covered and secured by a firm installed rotatable middle plate with two slide locks. All VDE-tools are clearly arranged in hard foam punches individually shaped for each tool.

BERNSTEIN safety tools are produced in accordance with specification EN 60.900 of the Association of German Electrical Engineers (VDE) - the guarantee of optimal safety. The two-colour multilayered insulation, (outside red - inside yellow), allows a simple safety control, practicable at any time: damages of the external red insulation immediately become visible by the yellow layer below.

No.	Description of individual tools	No.	Description of individual tools
8150 24-piece VDE tool set		8160 12-piece VDE tool set	
13-106 VDE	Side cutters for piano wire, 165 mm, chrome-plated, with two-colour multilayered insulation	16-507 VDE	Single-ended open-jaw wrench, as above, 12 mm A/F
13-708 VDE	Combination pliers, 205 mm, chrome-plated, with two-colour multilayered insulation	16-508 VDE	Single-ended open-jaw wrench, as above, 13 mm A/F
14-651 VDE	Screwdriver, VDE safety insulated, blade 75 x 2.5 mm	16-509 VDE	Single-ended open-jaw wrench, as above, 14 mm A/F
14-656 VDE	Screwdriver, VDE safety insulated, blade 150 x 6.5 mm	16-512 VDE	Single-ended open-jaw wrench, as above, 17 mm A/F
14-682 VDE	Cross-recess screwdriver, VDE safety insulated, size 1	16-513 VDE	Single-ended open-jaw wrench, as above, 19 mm A/F
14-683 VDE	Cross-recess screwdriver, VDE safety insulated, size 2	17-531 VDE	Voltage tester 'Steinel Volt Check 3'
15-521 VDE	Cable knife with blade protection, blade length 50 mm		
15-522 VDE	Cable stripping knife with blade protection, blade length 35 mm	13-106 VDE	Side cutters for piano wire, 165 mm, chrome-plated, with two-colour multilayered insulation
16-441 VDE	Socket, 10 mm A/F, chrome vanadium, two-colour multilayered insulation, with 1/2" square drive	13-207 VDE	Telephone pliers, straight, 210 mm, chrome-plated, with two-colour multilayered insulation
16-442 VDE	Socket, as above, 11 mm A/F	13-707 VDE	Combination pliers, 185 mm, chrome-plated, with two-colour multilayered insulation
16-443 VDE	Socket, as above, 12 mm A/F	13-806 VDE	Wire strippers, 165 mm, chrome-plated, with two-colour multilayered insulation
16-444 VDE	Socket, as above, 13 mm A/F	14-651 VDE	Screwdriver, VDE safety insulated, blade 75 x 2.5 mm
16-445 VDE	Socket, as above, 14 mm A/F	14-652 VDE	Screwdriver, VDE safety insulated, blade 100 x 3.5 mm
16-447 VDE	Socket, as above, 17 mm A/F	14-654 VDE	Screwdriver, VDE safety insulated, blade 125 x 5.5 mm
16-448 VDE	Socket, as above, 19 mm A/F	14-656 VDE	Screwdriver, VDE safety insulated, blade 150 x 6.5 mm
16-475 VDE	T-bar, 1/2" square drive, 200 mm, with two-colour multilayered insulation	14-682 VDE	Cross-recess screwdriver, VDE safety insulated, size 1
16-505 VDE	Single-ended open-jaw wrench, 10 mm A/F, chrome vanadium with two-colour multilayered insulation	14-683 VDE	Cross-recess screwdriver, VDE safety insulated, size 2
16-506 VDE	Single-ended open-jaw wrench, as above, 11 mm A/F	15-521 VDE	Cable knife with blade protection, blade length 50 mm
		15-522 VDE	Cable stripping knife with blade protection, blade length 35 mm



Outside dimensions: 350 x 310 x 110 mm
Weight with tools: ca. 3.900 kg

Outside dimensions: 350 x 310 x 110 mm
Weight with tools: ca. 2.800 kg

8150 VDE **BERNSTEIN** **VDE-TOOL SET, 24-pieces**

8160 VDE **BERNSTEIN** **VDE-TOOL SET, 12-pieces**



VDE-ELECTRONIC SERVICE-CASE PROTECTION 8200 VDE

A case with the basic equipment of common safety tools

Case made from deep-drawn, impact-resistant, grained red plastic, with sturdy aluminium frame, dustproof and rainproof, acid- and scratch-resistant. 23 tools, 15 of them piece-checked according to insulating specifications, are clearly arranged on two tool trays and in the bottom tray. If necessary the adjustable partitions in the 60 mm high bottom tray can be organized for taking further tools and accessories. On the back side of the removable upper tool tray there are free pouches for individual tools and documents.

BERNSTEIN safety tools are insulated in accordance with the specification EN 60.900, the guarantee for optimal safety.

No.	Description of individual tools	No.	Description of individual tools
5-505	Insulation stripping tool, with hook blade, for cable Ø 4 - 28 mm	14-654 VDE	Screwdriver, blade 125 x 5.5 mm, bicoloured multicomponent insulation, VDE-tested
7-116	Engineer's hammer to DIN 1041, 300 g	14-656 VDE	Screwdriver, blade 150 x 6.5 mm, bicoloured multicomponent insulation, VDE-tested
7-235	Flat chisel, 200 x 27 mm	14-682 VDE	Cross-recess screwdriver, size 1, blade 80 mm bicoloured multicomponent insulation, VDE-tested
7-255	Electrician's chisel chrome vanadium, 200 x 10 mm	14-683 VDE	Cross-recess screwdriver, size 2, blade 100 mm bicoloured multicomponent insulation, VDE-tested
7-405	Towel, with conical forged blade and wooden handle, 50 mm width	14-692 VDE	Cross-recess screwdriver, size 1 PZ, blade 80 mm bicoloured multicomponent insulation, VDE-tested
7-410	Slicker trowel, polished with round shank, 16 mm width	14-693 VDE	Cross-recess screwdriver, size 2 PZ, blade 100 mm bicoloured multicomponent insulation, VDE-tested
7-415	Rubber beaker for plaster, Ø 130 mm	15-521 VDE	Cable knife with blade protection, blade length 50 mm
7-426	wide brush, 40 mm, with wooden handle	15-531 VDE	Automatic wire stripper Super, for work under voltage, for all common stranded and solid conductors of 0.2 - 6.0 mm ² , adjustable length stop of 5 - 12 mm, built-in side cutters for max. 2 mm Ø
13-908 VDE	VDE Side cutters, 180 mm, for steel wire up to 2.0 mm Ø; chrome-plated, VDE safty insulation	17-523 VDE	Plastic clip, 170 mm, with internal spiral spring
13-917 VDE	Telephon pliers, 200 mm, long straight jaws, with cutting edge for hard wire, chrome-plated, with VDE safty insulation	17-541 VDE	Pocket hack saw, insulated to IEC 60.900:2004, frame out of metal die cast, 150 mm saw blade
13-937 VDE	Combination pliers, 185 mm, with wire cutter for hard wire, chrome-plated, with VDE safty insulation		
14-651 VDE	Screwdriver, blade 75 x 2.5 mm, bicoloured multicomponent insulation, VDE-tested		
14-653 VDE	Screwdriver, blade 100 x 4.0 mm, bicoloured multicomponent insulation, VDE-tested		



Outside dimensions: 480 x 350 x 170 mm

Weight without tool set: ca. 4.000 kg

Weight with tools: ca. 7.150 kg

8200 VDE  BERNSTEIN VDE PROTECTION with tool set

8215 VDE  BERNSTEIN VDE PROTECTION without tool set

SAFETY INSULATED PLIERS

Produced in accordance with specification EN 60.900 of the Association of German Electrical Engineers (VDE). Permissible voltage at which the VDE pliers can be used: 1000 V a.c. or 1500 V d.c.
Bicoloured VDE multicomponent safety insulation.



No.	Length		Finish	Weight g
	mm	head width		

Side cutters

for steel wire up to 1.6 mm Ø, swedish design, special steel

3-134 VDE	160	-	chrome-plated, polished, with VDE safety insulation	220
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Power side cutters

for steel wire up to 1.6 mm Ø, special steel

3-142 VDE	165	-	chrome-plated, polished, with VDE safety insulation	250
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Telephone pliers

snipe nose, long, straight jaws, with cutting edge for hard wire, serrated jaws, special steel

3-244 VDE	165	-	chrome-plated, polished, with VDE safety insulation	150
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3-245 VDE	205	-	chrome-plated, polished, with VDE safety insulation	210
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Telephone pliers

snipe nose, long, bent jaws, with cutting edge for hard wire, serrated jaws, special steel

3-254 VDE	165	-	chrome-plated, polished, with VDE safety insulation	150
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3-255 VDE	205	-	chrome-plated, polished, with VDE safety insulation	220
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Round nose pliers

with long, round, serrated jaws

3-541 VDE	165	-	chrome-plated, polished, with VDE safety insulation	200
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Flat nose pliers

with long, flat, serrated jaws

3-545 VDE	165	-	chrome-plated, polished, with VDE safety insulation	220
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Combination pliers

with wire cutter, for hard wire up to 1.6 mm Ø

3-732 VDE	165	-	chrome-plated, polished, with VDE safety insulation	220
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3-733 VDE	185	-	chrome-plated, polished, with VDE safety insulation	260
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„Record“ wire strippers

with automatic adjusting to the wire size, for wire thicknesses from 0.5 to 5 mm Ø

3-805 VDE	165	-	chrome-plated, polished, with VDE safety insulation	200
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Wire strippers

with adjusting screw

3-815 VDE	160	-	chrome-plated, polished, with VDE safety insulation	190
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SAFETY INSULATED PLIERS

Insulated and piece-checked in accordance with specification EN 60.900 of the Association of German Electrical Engineers (VDE). Permissible voltage at which the VDE pliers can be used: 1000 V a.c. or 1500 V d.c.



No.	Length		Finish	Weight g
	mm	head width		

Side cutters Special steel

cutting capacity: 13-906 VDE for steel wire up to 1.6 mm Ø
13-908 VDE for steel wire up to 2.0 mm Ø

13-906 VDE	160	-	chrome-plated, polished, with safety insulation	210
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13-908 VDE	180	-	chrome-plated, polished, with safety insulation	290
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Telephone pliers

snipe nose, long, straight jaws, with cutting edge for hard wire up to 1.6 mm Ø, serrated jaws, special steel

13-915 VDE	160	-	chrome-plated, polished, with safety insulation	155
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13-917 VDE	200	-	chrome-plated, polished, with safety insulation	220
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Telephone pliers

snipe nose, long, bent jaws, with cutting edge for hard wire up to 1.6 mm Ø, serrated jaws, special steel

13-916 VDE	160	-	chrome-plated, polished, with safety insulation	150
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13-918 VDE	200	-	chrome-plated, polished, with safety insulation	220
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Round nose pliers

with long, round, serrated jaws

13-926 VDE	160	-	chrome-plated, polished, with safety insulation	140
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Flat nose pliers

with long, flat, serrated jaws

13-927 VDE	160	-	chrome-plated, polished, with safety insulation	180
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Combination pliers

with wire cutter for hard wire up to 1.6 mm Ø

13-936 VDE	160	-	chrome-plated, polished, with safety insulation	220
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13-937 VDE	185	-	chrome-plated, polished, with safety insulation	280
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13-938 VDE	205	-	chrome-plated, polished, with safety insulation	350
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Wire strippers

with adjusting screw

13-946 VDE	160	-	chrome-plated, polished, with safety insulation	190
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SAFETY INSULATED PLIERS

Insulated and piece-checked in accordance with specification EN 60.900 of the Association of German Electrical Engineers (VDE). Permissible voltage at which the safety pliers can be used: 1000 V a.c. or 1500 V d.c.
Two-colour multilayered insulation, outside red - inside yellow. Damages of the external red insulation immediately become visible by the yellow layer below.

The advantage: simple safety control, practical at any time



No.	Length mm	Finish head width	Weight g
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Side cutters special steel

cutting capacity:	13-106 for steel wire up to 1.6 mm Ø 13-108 for steel wire up to 2.0 mm Ø		
13-106 VDE	165	- chrome-plated, polished, with VDE safety insulation	200
13-108 VDE	195	- chrome-plated, polished, with VDE safety insulation	300

Telephone pliers

snipe nose, long, straight jaws, with cutting edge for hard wire up to 1.6 mm Ø, serrated jaws, special steel

13-207 VDE	205	- chrome-plated, polished, with VDE safety insulation	230
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Telephone pliers

snipe nose, long, bent jaws, with cutting edge for hard wire up to 1.6 mm Ø, serrated jaws, special steel

13-208 VDE	205	- chrome-plated, polished, with VDE safety insulation	230
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Round nose pliers

with long, round, serrated jaws

13-506 VDE	165	- chrome-plated, polished, with VDE safety insulation	200
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Flat nose pliers

with long, flat, serrated jaws

13-516 VDE	165	- chrome-plated, polished, with VDE safety insulation	210
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Combination pliers

with wire cutter, for hard wire up to 1.6 mm Ø

13-707 VDE	190	- chrome-plated, polished, with VDE safety insulation	210
13-708 VDE	210	- chrome-plated, polished, with VDE safety insulation	340

Wire strippers

with adjusting screw

13-806 VDE	165	- chrome-plated, polished, with VDE safety insulation	210
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SAFETY TOOLS

BERNSTEIN VDE screwdrivers are monitored by the VDE Test Centre. Each screwdriver is piece-checked in accordance with specification EN 60.900, IEC 900 of the Association of German Electrical Engineers (VDE). Permissible voltage at which the VDE screwdrivers can be used: 1000 V a.c. or 1500 V d.c.

Blade: chrome vanadium, hardened over its full length, burnished
Handle: Bicoloured VDE multicomponent safety insulation, impact-resistant, with slip off protection and practical hanging up hole



Safety insulated slotted screwdrivers

DIN EN 60.900, IEC 900

No.	Blade length mm	Blade width mm	Blade thickness mm	Handle size mm	Weight g
14-651 VDE	75	2.5	0.4	100 x 21	26
14-652 VDE	100	3.5	0.6	100 x 21	34
14-653 VDE	100	4.0	0.8	100 x 21	37
14-654 VDE	125	5.5	1.0	107 x 27	75
14-656 VDE	150	6.5	1.2	114 x 32	112
14-658 VDE	175	8.0	1.2	121 x 35	175



Safety insulated cross-recess screwdrivers PH

DIN EN 60.900, IEC 900

No.	Size	Blade length mm	Blade-Ø mm	Handle size mm	Weight g
14-681 VDE	0	60	3.0	100 x 21	27
14-682 VDE	1	80	4.5	107 x 27	57
14-683 VDE	2	100	6.0	114 x 32	92
14-684 VDE	3	150	8.0	121 x 35	166



Safety insulated cross-recess screwdrivers PZ

DIN EN 60.900, IEC 900

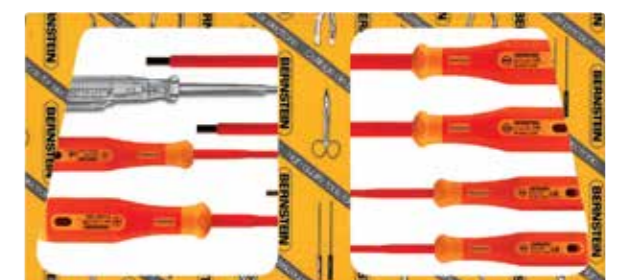
No.	size	Blade length mm	Blade-Ø mm	Handle size mm	Weight g
14-691 VDE	0	60	3.0	100 x 21	27
14-692 VDE	1	80	4.5	107 x 27	57
14-693 VDE	2	100	6.0	114 x 32	92
14-694 VDE	3	150	8.0	121 x 35	166



14-650 VDE 7-piece VDE screwdriver set

visibly packed in a carton box

Content:	14-651 VDE	Screwdriver 75 x 2,5 mm
	14-652 VDE	Screwdriver 100 x 3,5 mm
	14-654 VDE	Screwdriver 125 x 5,5 mm
	14-656 VDE	Screwdriver 150 x 6,5 mm
	14-681 VDE	Screwdriver, Größe 0
	14-682 VDE	Screwdriver, Größe 1
	4-343 VDE	Voltage test 150 V - 250 V
Weight:	350 g	



SAFETY TOOLS

Safety insulated socket wrenches DIN EN 60.900, IEC 900

Blade: chrome vanadium, hardened over its full length

Handle: impact-resistant, bicoloured VDE multicomponent safety insulation, with slip off protection and practical hanging up hole

No.	A/F mm	Blade length mm	Handle size mm	Weight g
16-298 VDE	3.0	125	100 x 21	40
16-299 VDE	4.0	125	100 x 21	45
16-301 VDE	5.0	125	100 x 21	55
16-302 VDE	5.5	125	107 x 27	85
16-303 VDE	6.0	125	107 x 27	90
16-304 VDE	7.0	125	114 x 32	125
16-305 VDE	8.0	125	114 x 32	125
16-306 VDE	9.0	125	114 x 32	130
16-307 VDE	10.0	125	114 x 32	130
16-308 VDE	11.0	125	121 x 35	170
16-309 VDE	12.0	125	121 x 35	175
16-311 VDE	13.0	125	121 x 35	175

Single-ended open-jaw wrenches

Chrom-Vanadium, to DIN 7446, IEC 60900:2004, two-colour multilayered insulation, 1000 V, chrome vanadium, 15° open-end position

No.	A/F mm	Weight g	No.	A/F mm	Weight g
16-501 VDE	6.0	20	16-511 VDE	15.0	85
16-502 VDE	7.0	30	16-512 VDE	17.0	110
16-503 VDE	8.0	30	16-513 VDE	19.0	200
16-504 VDE	9.0	30	16-514 VDE	21.0	210
16-505 VDE	10.0	45	16-515 VDE	24.0	300
16-506 VDE	11.0	50	16-517 VDE	26.0	350
16-507 VDE	12.0	60	16-518 VDE	27.0	390
16-508 VDE	13.0	75	16-519 VDE	28.0	390
16-509 VDE	14.0	85	16-522 VDE	30.0	390
			16-524 VDE	32.0	400

Single-ended ring wrenches

Chrom-Vanadium, to DIN 7447, IEC 60900:2004, chrome vanadium, two-colour multilayered insulation, 1000 V

No.	A/F mm	Weight g	No.	A/F mm	Weight g
16-531 VDE	6.0	50	16-543 VDE	17.0	195
16-532 VDE	7.0	50	16-544 VDE	18.0	240
16-533 VDE	8.0	65	16-545 VDE	19.0	245
16-534 VDE	9.0	70	16-547 VDE	21.0	320
16-535 VDE	10.0	80	16-548 VDE	22.0	340
16-536 VDE	11.0	85	16-551 VDE	24.0	365
16-537 VDE	12.0	110	16-553 VDE	26.0	365
16-538 VDE	13.0	120	16-554 VDE	27.0	387
16-539 VDE	14.0	130	16-555 VDE	28.0	424
16-541 VDE	15.0	140	16-557 VDE	30.0	529
16-542 VDE	16.0	170	16-558 VDE	32.0	554

- other dimensions available on request -



SAFETY TOOLS

Adjustable wrenches

to DIN 3117, IEC 60900:2004, two-colour multilayered insulation, 1000 V, open-end position 15°, with graduation

No.	Length	jaw opening	Weight g
16-773 VDE	200	0 - 26	300
16-774 VDE	250	0 - 30	500
16-775 VDE	300	0 - 35	800

Sockets

two-colour multilayered insulation to IEC 60900:2004, 1000 V, DIN 7448, square drive, chrome vanadium

for nuts: with 3/8"-Antrieb with 1/2"-drive

No.	A/F mm	Weight g	No.	A/F mm	Weight g
16-481 VDE	6.0	23	16-441 VDE	10.0	60
16-482 VDE	7.0	26	16-442 VDE	11.0	60
16-483 VDE	8.0	26	16-443 VDE	12.0	65
16-484 VDE	9.0	31	16-444 VDE	13.0	65
16-485 VDE	10.0	33	16-445 VDE	14.0	65
16-486 VDE	11.0	33	16-446 VDE	15.0	70
16-487 VDE	12.0	35	16-447 VDE	17.0	75
16-488 VDE	13.0	37	16-448 VDE	19.0	85
16-489 VDE	14.0	49	16-449 VDE	22.0	110
16-491 VDE	15.0	52	16-451 VDE	24.0	130
16-492 VDE	16.0	54	16-452 VDE	27.0	180
16-493 VDE	17.0	55	16-453 VDE	30.0	195
16-494 VDE	18.0	63	16-454 VDE	32.0	205
16-495 VDE	19.0	75			
16-496 VDE	20.0	82			
16-497 VDE	21.0	87			
16-498 VDE	22.0	94			

for hexagonal location:
with 3/8"-drive

with 1/2"-drive

16-559 VDE	4.0	60	16-461 VDE	5.0	95
16-561 VDE	5.0	65	16-462 VDE	6.0	95
16-562 VDE	6.0	65	16-463 VDE	8.0	100
16-563 VDE	8.0	75	16-464 VDE	10.0	110
16-564 VDE	10.0	90			

T-socket-wrench

with locking device, DIN 7436, two-colour multilayered insulation according to IEC 60900:2004, 1000 V

No.	Length mm	Finish	Weight g
16-474 VDE	200	3/8" 4-kt. Antrieb	390
16-475 VDE	200	1/2" 4-kt. Antrieb	460

Reversible ratchet DIN 7449, two-colour multilayered insulation according to IEC 60900:2004, 1000 V, fixing and removing of the inserts by pushing the button, right / left turn by reversing the lever

16-471 VDE	260	1/2" square drive	680
16-472 VDE	200	3/8" square drive	360



SAFETY TOOLS

No.	Length mm	Finish	Weight g
Rigid extension			
DIN 7434, two-colour multilayered insulation according to IEC 60900:2004, with locking device			
16-476 VDE	125	1/2" square drive	200
16-477 VDE	250	1/2" square drive	415
16-478 VDE	125	3/8" square drive	155
16-479 VDE	250	3/8" square drive	280
Electrician's Glove			
insulating gloves for work under voltage up to 1000 Volt, out of natural rubber, high flexibility, each tested according to DIN EN 60903			
17-499 VDE		Size 9	260
17-501 VDE		Size 10	260
17-502 VDE		Size 11	260
Plug-In Grip with arm protection suitable for fixing and removing NH-fuses			
17-521 VDE		Siemens handle for NH-fuses 00-3, arm protection when interrupting high current intensity (arc)	450
Rubber Cover			
DIN VDE 0680 part 1, thickness 1.6 mm, surface smooth, for working on electrical facilities, up to 1000 V			
17-702 VDE	500 x 500 mm		590
17-703 VDE	1000 x 1000 mm		1936
Rubber Isomat (without picture) tested according to DIN VDE 0303, thickness 4.5 mm one side smooth, other side grooved			
17-707 VDE	1000 x 1000 mm		6200
Plastic Clip for fixing covers			
17-523 VDE	170 mm	with covered spiral spring	63
Self-Clamping Slip on Caps			
1000V protection against touching a cable-end under voltage			
17-551 VDE	Ø 10 mm		20
17-552 VDE	Ø 20 mm		30
17-553 VDE	Ø 30 mm		60
Voltage Tester			
Steinel Volt Check 3 ffor AC/DC			
17-531 VDE	6 - 400 V AC/DC		110



CABLE-CUTTING TOOLS

No.	Length mm	Finish	Weight g
Cable knife			
with blade protection, handle from shock resistance plastic, 1000 V			
15-521 VDE	180	straight blade, blade length 50 mm	65
Cable dismantling knife			
with blade protection, handle from shock resistance plastic, 1000 V			
15-522 VDE	180	hook blade, blade length 35 mm	70
15-523 VDE	180	special blade,	65
Automatic wire stripper Super			
fully insulated automatic wire stripper for all common stranded and solid conductors of 0.2 - 6.0 m ² , adjustable length stop of 5 - 12 mm, removable if required			
15-531 VDE	200	fibreglass re-enforced polyamide, fully insulated, approved for works on „hot“, lines up to 1000 Volt	110
Cable shear			
forged of special steel, for copper and aluminium cable, two-colour multilayered insulation according to IEC 60900:2004, with re-adjustable joint			
15-501 VDE	210	max. Ø 20 mm / 60 mm ²	360
Ratcheting cable cutters			
easy cutting of big diameters, for copper and aluminium cable, two-colour multilayered insulation, fully insulated according to IEC 60900:2004, 1000 V			
15-506 VDE	250	max. Ø 32 mm / 240 mm ²	800
Metal saw			
with pistol handle, frame out of metal die cast, two-colour multilayered insulation, fully insulated according to IEC 60900:2004, 1000 V			
17-541 VDE	265	saw blade exchangeable	310
7-617	150	spare blade	3
17-547 VDE	300	saw blade exchangeable	580
Engineers tweezers			
5-107 VDE	150	with VDE-Isolation	37
5-117 VDE	145	with VDE-Isolation	39



