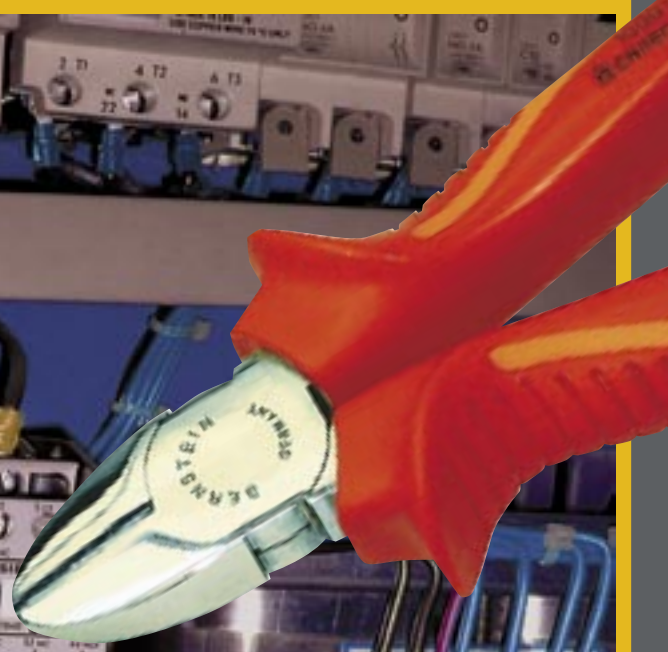


BERNSTEIN



Electronic-Tools

VDE



SAFETY 8100 VDE TOOL CASE

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



- 8100 **BERNSTEIN SAFETY** with tool set
- 8115 **BERNSTEIN SAFETY** without tool set

Description:

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.

Outside dimensions: 440 x 175 x 310 mm

Weight without tools: approx. 3.000 kg

Weight with tools: approx. 7.500 kg

Tool set:

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
4-344 VDE	Voltage tester , blade 100 x 3.5 mm
13-106 VDE	Side cutter , for piano wire, 165 mm, chrome-plated, with two-colour multilayered insulation
13-207 VDE	Telephone pliers , straight, 210 mm, chrome-plated, with two-colour multilayered insulation
13-208 VDE	Telephone pliers , bent, 205 mm, chrome-plated, with two-colour multilayered insulation
13-707 VDE	Combination pliers , 185 mm, chrome-plated, with two-colour multilayered insulation
13-806 VDE	Wire strippers , 165 mm, chrome-plated, with two-colour multilayered insulation
14-602 VDE	Screwdriver , insulated, blade 100 x 3.5 mm
14-603 VDE	Screwdriver , insulated, blade 100 x 4.0 mm
14-604 VDE	Screwdriver , insulated, blade 125 x 5.5 mm
14-606 VDE	Screwdriver , insulated, blade 150 x 6.5 mm
14-608 VDE	Screwdriver , insulated, blade 175 x 8.0 mm
14-632 VDE	Cross-recess screwdriver , insulated, size 1
14-633 VDE	Cross-recess screwdriver , insulated, size 2
15-522 VDE	Cable stripping knife with blade-protection, blade 35 mm
16-441 VDE	Socket , 10 mm A/F, with two-colour multilayered insulation
16-442 VDE	Socket , as above, 11 mm A/F
16-443 VDE	Socket , as above, 12 mm A/F

No.	Description of individual tools
16-444 VDE	Socket , as above, 13 mm A/F
16-445 VDE	Socket , as above, 14 mm A/F
16-447 VDE	Socket , as above, 17 mm A/F
16-448 VDE	Socket , as above, 19 mm A/F
16-449 VDE	Socket , as above, 22 mm A/F
16-451 VDE	Socket , as above, 24 mm A/F
16-471 VDE	Reversible ratchet , 260 mm long, with two-colour multilayered insulation
16-476 VDE	Rigid extension with locking device, length 125 mm, with two-colour multilayered insulation
16-503 VDE	Single-ended open-jaw wrench , 8 mm A/F, with two-colour multilayered insulation
16-504 VDE	Single-ended open-jaw wrench , as above, 9 mm A/F
16-505 VDE	Single-ended open-jaw wrench , as above, 10 mm A/F
16-506 VDE	Single-ended open-jaw wrench , as above, 11 mm A/F
16-507 VDE	Single-ended open-jaw wrench , as above, 12 mm A/F
16-508 VDE	Single-ended open-jaw wrench , as above, 13 mm A/F
16-509 VDE	Single-ended open-jaw wrench , as above, 14 mm A/F
17-501 VDE	Electrician's protective gloves , size 10
17-521 VDE	Plug-in grip with leather gauntlet for NH-fuses
17-523 VDE	Plastic clip , 170 mm long, with internal spiral spring

MULTI 5600 ELECTRICIAN'S CASE

The handy, spacious electrician's tool case



5600 **BERNSTEIN** MULTI with tool set

5615 **BERNSTEIN** MULTI without tool set

Description:

Stable case, body made from textured ABS material, side and cover flaps made from best, black, grained cowhide. The handle is slotted through the flap, thereby distributing the load over the entire area of the cover. When opening, the side flaps are held by bands. This enables the user to survey all the tools easily.

37 tools are held by compartments, adjustable loops and a special holder. The bottom of the case is a plastic tray which may carry additional tools. The case has 2 locks.

Outside dimensions: 430 x 340 x 195 mm

Weight without tools: approx. 2.900 kg

Weight with tools: approx. 6.900 kg

Tool set:

No.	Description of individual tools	No.	Description of individual tools
3-133-1	Side cutters , 145 mm, for hard wire, chrome-plated with BERNSTEINIT insulation	5-271	Workshop file , 200 mm, flat and blunt, with wooden handle
3-235-1	Telephone pliers , 160 mm, chrome-plated, with BERNSTEINIT insulation	5-274	Workshop file , 200 mm, half-round, with wooden handle
3-575-6	Water pump pliers , 240 mm, nickel-plated, with insulation	5-309	Cable-stripping scissors , 190 mm, stainless, with plastic handles
3-732-1	Combination pliers , 160 mm, chrome-plated, with BERNSTEINIT insulation	5-501	Cable knife
3-815-1	Wire strippers , 155 mm, chrome-plated, with BERNSTEINIT insulation	5-505	Wire-stripping knife for cable 8-28 mm Ø
4-143	Screwdriver to DIN 5265, with special square BERNSTEIN handle, chrome vanadium blade, chrome-plated, black tip, 125 x 5.5 mm	6-820	8-pieces set offset hexagon key wrenches , 1.5 to 6 mm A/F, in plastic case
4-145	Screwdriver as above, blade 150 x 8.0 mm	7-116	Engineer's hammer , 300 g
4-311	Screwdriver for grub screws with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm	7-202	Firmer chisel , blade width 16 mm
4-344 VDE	Voltage tester , blade 100 x 3.5 mm	7-235	Flat chisel CVL, DIN 7254, Type B, 200 x 27 mm
14-603 VDE	Insulated screwdriver , blade 100 x 4.0 mm	7-255	Electrician's chisel CVL, 200 x 10 mm
14-604 VDE	Insulated screwdriver as above, blade 125 x 5.5 mm	7-303	Twist gimlet , 3 mm Ø
14-606 VDE	Insulated screwdriver as above, blade 150 x 6.5 mm	7-306	Twist gimlet , 6 mm Ø
14-632 VDE	Insulated cross-recess screwdriver , size 1	7-316	Punch , with plastic handle, 6 mm Ø
14-633 VDE	Insulated cross-recess screwdriver as above, size 2	7-405	Trowel , with wooden handle, blade width 50 mm
5-107-6	Steel tweezers with fine, bent tips, 150 mm, nickel-plated, strong PVC-insulated	7-410	Slicker trowel , with round shank, blade width 16 mm
5-117-6	Steel tweezers , straight, flat and wide, 145 mm, nickel-plated, strong PVC-insulated	7-415	Rubber beaker for plaster , round
		7-502	Folding rule , 2 m
		7-535	Spirit level , 220 mm, with 3 levels: horizontal, vertical and 45° angle
		7-616	Pocket hack saw "Puk" with adjustable wooden handle, saw blade and plastic wallet

VDE TOOL SETS 8150 AND 8160

Safety tools at hand in a plastic case

Description:

Black plastic case made from fracture-proof ABS material. The tools are clearly arranged in foamed plastic recesses. The case has two locks and a handle which may be turned down.

Outside dimensions: 395 x 290 x 90 mm

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.

8150 **BERNSTEIN** 24-piece VDE tool set

Weight with tools: 4.100 kg

No.	Description of individual tools
-----	---------------------------------

13-106 VDE	Side cutters for piano wire , 165 mm, chrome-plated, with two-colour multilayered insulation
13-708 VDE	Combination pliers , 205 mm, chrome-plated, with two-colour multilayered insulation
14-601 VDE	Screwdriver , insulated, blade 75 x 2.5 mm
14-606 VDE	Screwdriver , insulated, blade 150 x 6.5 mm
14-632 VDE	Cross-recess screwdriver , insulated, size 1
14-633 VDE	Cross-recess screwdriver , insulated, size 2
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
16-441 VDE	Socket , 10 mm A/F, with two-colour multilayered insulation
16-442 VDE	Socket , as above, 11 mm A/F
16-443 VDE	Socket , as above, 12 mm A/F
16-444 VDE	Socket , as above, 13 mm A/F
16-445 VDE	Socket , as above, 14 mm A/F
16-447 VDE	Socket , as above, 17 mm A/F
16-448 VDE	Socket , as above, 19 mm A/F
16-475 VDE	T-bar , 1/2" square drive, 200 mm, with two-colour multilayered insulation
16-505 VDE	Single-ended open-jaw wrench , 10 mm A/F, with two-colour multilayered insulation
16-506 VDE	Single-ended open-jaw wrench , as above, 11 mm A/F
16-507 VDE	Single-ended open-jaw wrench , as above, 12 mm A/F
16-508 VDE	Single-ended open-jaw wrench , as above, 13 mm A/F
16-509 VDE	Single-ended open-jaw wrench , as above, 14 mm A/F
16-512 VDE	Single-ended open-jaw wrench , as above, 17 mm A/F
16-513 VDE	Single-ended open-jaw wrench , as above, 19 mm A/F
17-531 VDE	Voltage tester 'Steinel Volt Check 3'

8160 **BERNSTEIN** 12-piece VDE tool set

Weight with tools: 2.800 kg

No.	Description of individual tools
-----	---------------------------------

13-106 VDE	Side cutters for piano wire , 165 mm, chrome-plated, with two-colour multilayered insulation
13-207 VDE	Telephone pliers , straight, 210 mm, chrome-plated, with two-colour multilayered insulation
13-707 VDE	Combination pliers , 185 mm, chrome-plated, with two-colour multilayered insulation
13-806 VDE	Wire strippers , 165 mm, chrome-plated, with two-colour multilayered insulation
14-601 VDE	Screwdriver , insulated, blade 75 x 2.5 mm
14-602 VDE	Screwdriver , insulated, blade 100 x 3.5 mm
14-604 VDE	Screwdriver , insulated, blade 125 x 5.5 mm
14-606 VDE	Screwdriver , insulated, blade 150 x 6.5 mm
14-632 VDE	Cross-recess screwdriver , insulated, size 1
14-633 VDE	Cross-recess screwdriver , insulated, size 2
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



ELECTRONIC SERVICE-CASE SECURITY 6750

A case with the basic equipment of special tools for the installation and maintenance of complex protective devices and alarm systems



6750 **BERNSTEIN SECURITY** with tool set

6755 **BERNSTEIN SECURITY** without tool set

Description:

Case made from deep-drawn, impact-resistant, grained black plastic, with sturdy aluminium frame, dustproof and rainproof, acid- and scratch-resistant. 64 tools are clearly arranged on two removable tool trays, one of it on both sides, and in the plastic tray with adjustable partitions in the bottom of the case. Further tools or accessories can be lodged in the tray until 60 mm height. The basic equipment for special operations at protective devices and alarm systems may efficiently be completed by special tools additionally recommended. The case has 2 locks.

Outside dimensions: 470 x 340 x 170 mm

Weight without tools: ca. 4.600 kg

Weight with tools: ca. 8.400 kg

Tool set:

No.	Description of individual tools	No.	Description of individual tools
2-265	2 Test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire	6-600	Combination ring- and open-ended wrench , 7-piece set, CV, chrome-plated, 6,0, 7,0, 8,0, 9,0, 10,0, 11,0, 13,0 mm
2-701	Insertion tool with sensor for connecting the wires and simultaneously cutting of the residual wire	6-880	Hexagon wrench keys , 8-piece set in a wallet, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"
2-705	Contactless voltage detector VOLTtester	6-950	Ballpoint wrench keys , hexagon, 8-piece set in a wallet, 1,5, 2,0, 2,5, 3,0, 4,0, 5,0, 6,0, 8,0 mm
3-112-2	Side cutters , 120 mm, for soft wire up to 1.0 mm Ø; with rounded head, without side face, double leaf spring, chrome-plated, with dip insulation	6-995	TORX screwdrivers with bore-hole in the tip , 8-piece set in a box, T 9, T 10, T 15, T 20, T 25, T 27, T 30, T 40
3-0611	Crimping pliers , for BNC- and TNC-coaxial connectors	7-116	Engineer's hammer to DIN 1041, 300 g
13-906 VDE	VDE Side cutters , 160 mm, for steel wire up to 1.6 mm Ø; chrome-plated, VDE safty insulation	7-425	Dust brush
13-915 VDE	Telephone pliers , 160 mm, chrome-plated, VDE safty insulation	7-506	Roller tape measure , 2 m
13-927 VDE	Flat nose pliers , 160 mm, with long jaws, chrome-plated, VDE safty insulation	7-535	Spirit level , 225 mm long
13-936 VDE	Combination pliers , 160 mm, chrome-plated, VDE safty insulation	7-616	Pocket hack saw PUK , with adjustable handle in a wallet
4-431	Retaining screwdriver , for inserting and tightening slotted screws, blade made for CV, burnished, insulated, blade 100 x 3.0 mm	8-375	ERSA gas soldering iron , Independent 75
4-437	Retaining screwdriver , for inserting and tightening cross-recess screws size 1, blade made for CV, burnished, insulated	8-385	ERSA desoldering pump VAC X
5-505	Insulation stripping tool , with hook blade, for cable Ø 8 - 28 mm	14-651 VDE	Screwdriver , with VDE insulation, blade 75 x 2.5 mm
5-515	Universal blade knife	14-652 VDE	Screwdriver , with VDE insulation, blade 100 x 3.5 mm
5-531	Automatic wire stripper Super , 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. Ø 2 mm	14-653 VDE	Screwdriver , with VDE insulation, blade 100 x 4.0 mm
5-535	Coax cable stripper for Coax cabel Ø 4.8 - 7.5 mm	14-681 VDE	Cross-recess screwdriver , size 0, VDE, blade length 60 mm
6-103	Socket wrench , with special BERNSTEIN square handle, blade made from CV, chrome-plated, SW 4,5 mm	14-682 VDE	Cross-recess screwdriver , size 1, VDE, blade length 80 mm
6-104	Socket wrench , as above, AF 5.0 mm	14-683 VDE	Cross-recess screwdriver , size 2, VDE, blade length 100 mm
6-105	Socket wrench , as above, AF 5.5 mm	14-684 VDE	Cross-recess screwdriver , size 3, VDE, blade length 150 mm
		To complete the set we recommend:	
		2270	Service Set ACCENT , 9-piece set with ESD tools
		4-222	Screwdriver , blade 260 x 3.0 mm
		4-227	Cross-recess screwdriver , size 1, blade length 300 mm
		4-228	Cross-recess screwdriver , size 2, blade length 300 mm
		4-920	Interchangeable screwdriver set with ESD-handle, 9-piece, Slot 1.5/3.0 mm, 2.0/3.5 mm and 2.5/4.0 mm, KS Gr. 000/00, 0/1, TORX T 5/T 6, T 7L/T 8L, T 9L/T 10L, ("L" with bore hole)

COMPACT-MOBIL ELECTRONIC SERVICE CASE

The trolley case with special tools for the assembly and maintenance of electrical and electronic devices

7100 **BERNSTEIN COMPACT-MOBIL** with tool assortment 7010, 7020 and 7060

7300 **BERNSTEIN COMPACT-MOBIL** with tool assortment 7040, 7050 and 7060

7015 **BERNSTEIN COMPACT-MOBIL** without tools

Description:

Elegant case made from deep-drawn, impact-resistant, grained dark brown plastic with a continuous bronze anodised aluminium frame, dustproof and rainproof, acid-resistant, scratch-resistant and non-slip. For energy saving transport stable rolls are installed and a telescopic handle is mounted.

The arrangement of the rolls results in a vibration absorbing locomotion. The tools are held in their partitions.

The case has 3 removable tool trays. The trays contain 63 resp. 32 tools. The lid of the case has a pocket for documents etc. The plastic tray with adjustable partitions in the bottom allows a clear arrangement of a soldering iron, measuring instruments and accessories of various sizes.

The case has two locks.

Outside dimensions: 500 x 400 x 200 mm
(bordcase-size)

Weight without tools: approx. 8.000 kg

Weight 7100 with 63 tools: approx. 10.700 kg

Weight 7300 with 32 tools: approx. 11.600 kg

Tool set:

No.	Description of individual tools	No.	Description of individual tools
Tool tray No. 7010		Tool tray No. 7020 continued	
2-155	Claw-type gripper with 4 wire claws and clip	4-272	Cross-recess screwdriver , Supadriv/Pozidriv, size 1, as above
2-601	IC-tweezers , 125 mm, nickel-plated, for gripping, inserting and removing IC's	4-351	Offset screwdriver , 100 x 5 mm, nickel-plated
2-620	PLCC-extractor	4-407	Retaining screwdriver , 110 x 4 mm
2-655	Pocket inspection lite , Mitilite Laser Spot, with fibre optic adaptor for close inspection of small, tight, hard-to-see areas	5-161	Clamping scissors , 130 mm, stainless
3-654-14	EUROline-side-cutters , 120 mm, for hard wire up to 0.4 mm Ø, for copper wire up to 1.5 mm Ø, with slim rounded head, box joint, double leaf spring, bright burnished, with bicoloured hand-guard	5-301	Special scissors , with serration, 110 mm, nickel-plated
3-672-14	EUROline-end-cutters , 130 mm, for copper wire up to 0.6 mm Ø, cutting edge 20° angular, box joint, double leaf spring, bright burnished, with bicoloured hand-guard	6-771	Adjustable wrench , jaws opening 0 - 12 mm, total length 100 mm
3-682-14	EUROline-flat nose pliers , 130 mm, extremely slim, box joint, double leaf spring, bright burnished, with bicoloured hand-guard	6-964 L	TORX-Screwdriver , size T 9, with hole, with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, with black tip
3-683-14	EUROline-snip nose pliers , 130 mm, extremely slim, box joint, double leaf spring, bright burnished, with bicoloured hand-guard	6-965 L	TORX-Screwdriver , size T 10, with hole, as above
4-161	Electronics screwdriver with special handle and swivel top, blade chrome vanadium, chrome-plated, with black tip, 40 x 1.0 mm	6-966 L	TORX-Screwdriver , size T 15, with hole, as above
4-162	Electronics screwdriver as above, 40 x 1.5 mm	7-425	Dust brush
4-163	Electronics screwdriver as above, 40 x 2.0 mm	Tool tray No. 7040	
4-164	Electronics screwdriver as above, 50 x 2.5 mm	3-575-6	Water pump pliers , 240 mm, chrome-plated, with insulation
4-165	Electronics screwdriver as above, 50 x 3.0 mm	3-815-1	Wire strippers , 155 mm, chrome-plated, with BERNSTEINIT insulation
4-281	Electronics cross-recess screwdriver as above, size 000	4-272	Cross-recess screwdriver Supadriv/Pozidriv, size 1, blade made from chrome vanadium, chrome-plated, with special square BERNSTEIN handle
4-282	Electronics cross-recess screwdriver as above, size 00	4-273	Cross-recess screwdriver , Supadriv/Pozidriv, as above, size 2
4-283	Electronics cross-recess screwdriver as above, size 0	5-304	Combination cutters , 190 mm, stainless
4-284	Electronics cross-recess screwdriver as above, size 1	5-309	Cable stripping shears , 190 mm, stainless, with plastic handles
5-006	Component tweezers , 140 mm, with insulated jaws, for easy insertion and removal of plug-in transistors of various sizes, nickel-plated	5-501	Cable knife
5-107	Engineer's tweezers , made from steel, with bent tips, 150 mm, nickel-plated	7-410	Slicker trowel with round shank, blade width 16 mm
5-115	Heat dissipating tweezers , for use when soldering transistors, gold-bonded diodes etc., 165 mm, nickel-plated	7-535	Spirit level , length 225 mm, with 3 levels: horizontal, vertical and 45° angle
5-117	Engineer's tweezers , straight-flat-wide, 145 mm, nickel-plated	Tool tray No. 7050	
5-131	Watchmaker's tweezers , sharply-pointed, 110 mm, stainless	5-107-6	Steel tweezers , bent, nickel-plated, safety-insulated, 150 mm
5-191	ESD/EGB tweezers , 120 mm, conductive, rounded tips	5-117-6	Steel tweezers , straight-flat-wide, safety-insulated, 145 mm
5-194	ESD/EGB tweezers , 120 mm, conductive, bent pointed tips	5-505	Insulation stripping tool for cable 8 - 28 mm Ø
Tool tray No. 7020		7-114	Engineer's hammer , 200 g
1-735	Adjusting screwdriver handle , double-ended	7-202	Firmer chisel , blade width 16 mm
1-738	Special hard plastic bit , 1.5 x 0.5 mm	7-235	Flat chisel CVL, DIN 7254, Type B, 200 x 27 mm
1-739	Special hard plastic bit , 3.0 x 0.5 mm	7-255	Electrician's chisel CVL, 200 x 10 mm
1-909	Engineer's mirror with handle, made entirely from BERNSTEINIT	7-315	Drill rasp , bore-Ø 4 mm, length of blade 175 mm, with plastic handle
2-126	Desoldering bar , slotted at one end, with plastic handle	7-316	Punch , 6 mm Ø, with plastic handle
2-127	Tin knife with plastic handle, 115 mm	7-502	Folding rule , 2 m
2-132	Spring hook , nickel-plated and insulated, 175 mm	7-616	Pocket saw „PUK“ in a wallet
2-161	Magnetic bar with double ball- and socket joint, 215 mm	Tool tray No. 7060 (VDE)	
2-166	Glass fibre contact cleaner	3-134 VDE	Side cutters , 160 mm, for steel wire up to 1.6 mm Ø, chrome-plated, with VDE safety insulation
2-265	2 test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire	3-244 VDE	Telephone pliers , 165 mm, snipe nose, long straight jaws, with cutting edge for hard wire, chrome-plated, with VDE safety insulation
2-295	Hand magnifier with light	3-732 VDE	Combination pliers , 160 mm, with wire cutter, for hard wire up to 1.6 mm Ø, chrome-plated, with VDE safety insulation
3-565	Water pump pliers , 120 mm, chrome-plated	4-344 VDE	Voltage tester , 220 - 250 V, blade 100 x 3.5 mm
3-715-1	Combination pliers , 115 mm, chrome-plated, BERNSTEINIT-insulation	14-652 VDE	Screwdriver , with VDE safety insulation, blade 100 x 3.5 mm
4-141	Screwdriver , with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 75 x 3.5 mm, with black tips	14-654 VDE	Screwdriver , with VDE safety insulation, blade 125 x 5.5 mm
4-142	Screwdriver , as above, 100 x 4.0 mm	14-656 VDE	Screwdriver , with VDE safety insulation, blade 150 x 6.5 mm
4-271	Cross-recess screwdriver , Supadriv/Pozidriv, size 0, with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, with black tips	14-682 VDE	Cross-recess screwdriver , size 1, with VDE insulation, blade length 80 mm
		14-683 VDE	Cross-recess screwdriver , size 2, with VDE insulation, blade length 100 mm
		15-522 VDE	Cable stripping knife , with blade protection, blade length 35 mm
		16-302 VDE	Socket wrench , with VDE insulation, 5.5 mm A/F
		16-304 VDE	Socket wrench , with VDE insulation, 7.0 mm A/F

COMPACT-MOBIL MOBILE SERVICE CASE

The trolley case as bordcase for world-wide service



Electronic Service Case 7100
with Tool Tray 7010, 7020 and 7060



Tool Tray 7060 from case 7100
and case 7300



Electrician's Service Case 7300
with Tool Tray 7040, 7050 and 7060



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.

The guarantee for optimum safety:

Bicoloured VDE multicomponent safety insulation

No.	mm	Length inches	Finish	Weight g
-----	----	------------------	--------	-------------

Side cutters

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

3-134 VDE	160	6 1/4	chrome-plated, polished, with VDE safety insulation	190
-----------	-----	-------	---	-----

Power side cutters

for steel wire up to 1.6 mm Ø, special steel

3-142 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	230
-----------	-----	-------	---	-----

Telephone pliers

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

3-244 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	150
3-245 VDE	205	8	chrome-plated, polished, with VDE safety insulation	200

Telephone pliers

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

3-254 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	150
3-255 VDE	205	8	chrome-plated, polished, with VDE safety insulation	200

Round nose pliers

with long, round, serrated jaws

3-541 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	170
-----------	-----	-------	---	-----

Flat nose pliers

with long, flat, serrated jaws

3-545 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	180
-----------	-----	-------	---	-----

Combination pliers

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

3-732 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	200
3-733 VDE	185	7 1/4	chrome-plated, polished, with VDE safety insulation	260

„Record“ wire strippers

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

3-805 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	185
-----------	-----	-------	---	-----

Wire strippers with adjusting screw

3-815 VDE	160	6 1/4	chrome-plated, polished, with VDE safety insulation	150
-----------	-----	-------	---	-----



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.

 **EN 60.900**

No.	mm	Length Zoll	Finish	Weight g
-----	----	----------------	--------	-------------

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	6 1/4	chrome-plated, polished, with safety insulation	210
13-908 VDE	180	7	chrome-plated, polished, with safety insulation	290

Telephon 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	6 1/4	chrome-plated, polished, with safety insulation	155
13-917 VDE	200	8	chrome-plated, polished, with safety insulation	220

Telephon 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	6 1/4	chrome-plated, polished, with safety insulation	150
13-918 VDE	200	8	chrome-plated, polished, with safety insulation	220

Round nose pliers

with long, round, serrated jaws

13-926 VDE	160	6 1/4	chrome-plated, polished, with safety insulation	165
------------	-----	-------	--	-----

Flat nose pliers

with long, flat, serrated jaws

13-927 VDE	160	6 1/4	chrome-plated, polished, with safety insulation	180
------------	-----	-------	--	-----

Combination pliers

with wire cutter for hard wire up to 1.6 mm Ø

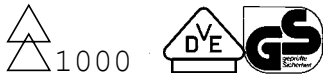
13-936 VDE	160	6 1/4	chrome-plated, polished, with safety insulation	220
13-937 VDE	185	7 1/4	chrome-plated, polished, with safety insulation	280
13-938 VDE	205	8	chrome-plated, polished, with safety insulation	350

Wire strippers

with adjusting screw

13-946 VDE	160	6 1/4	chrome-plated, polished, with safety insulation	190
------------	-----	-------	--	-----





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



13-106 VDE



13-207 VDE



13-506 VDE



13-516 VDE



13-707 VDE



13-806 VDE

No.	Length		Finish	Weight g
	mm	inches		

Side cutters

special steel, cutting capacity: 13-106 VDE for steel wire up to 1.6 mm Ø
13-108 VDE for steel wire up to 2.0 mm Ø

13-106 VDE	160	6 1/4	chrome-plated, polished, with VDE safety insulation	210
13-108 VDE	195	7 3/4	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	8	chrome-plated, polished, with VDE safety insulation	235
------------	-----	---	--	-----

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	8	chrome-plated, polished, with VDE safety insulation	235
------------	-----	---	--	-----

Round nose pliers

with long, round, serrated jaws

13-506 VDE	165	6 1/2	chrome-plated, polished, with safety insulation	225
------------	-----	-------	--	-----

Flat nose pliers

with long, flat, serrated jaws

13-516 VDE	165	6 1/2	chrome-plated, polished, with safety insulation	185
------------	-----	-------	--	-----

Combination pliers

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

13-707 VDE	190	7 1/2	chrome-plated, polished, with VDE safety insulation	300
13-708 VDE	210	8 1/4	chrome-plated, polished, with VDE safety insulation	365

Wire strippers

with adjusting screw

13-806 VDE	165	6 1/2	chrome-plated, polished, with VDE safety insulation	210
------------	-----	-------	--	-----

SAFETY TOOLS

BERNSTEIN VDE screwdrivers and VDE cross-recess 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 screwdrivers

DIN EN 60.900, IEC 900

No.	Blade length mm	Blade width mm	Blade thickness mm	Handle size mm	Weight mm
14-651 VDE	75	2.5	0.4	100 x 21	26 g
14-652 VDE	100	3.5	0.6	100 x 21	34 g
14-653 VDE	100	4.0	0.8	100 x 21	37 g
14-654 VDE	125	5.5	1.0	107 x 27	75 g
14-656 VDE	150	6.5	1.2	114 x 32	112 g
14-658 VDE	175	8.0	1.2	121 x 35	171 g



Safety insulated cross-recess Phillips screwdrivers

DIN EN 60.900, IEC 900

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



Safety insulated Pozidriv cross-recess screwdrivers

DIN EN 60.900, IEC 900

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

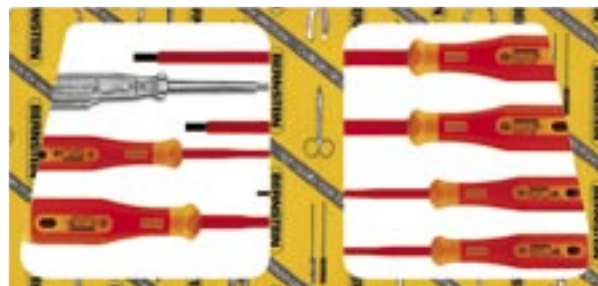


14-600 VDE 7-piece VDE screwdriver set

visibly packed in a carton box

- Contents:
- 14-651 VDE 75 x 2.5 mm screwdriver
 - 14-652 VDE 100 x 3.5 mm screwdriver
 - 14-654 VDE 125 x 5.5 mm screwdriver
 - 14-656 VDE 150 x 6.5 mm screwdriver
 - 14-681 VDE cross-recess screwdriver, size 0
 - 14-682 VDE cross-recess screwdriver, size 1
 - 4-343 VDE voltage tester, 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
16-302 VDE	5.5	125	107 x 21	100 g
16-303 VDE	6.0	125	107 x 21	105 g
16-304 VDE	7.0	125	114 x 30	110 g
16-305 VDE	8.0	125	114 x 30	115 g
16-306 VDE	9.0	125	114 x 32	120 g
16-307 VDE	10.0	125	114 x 32	130 g
16-308 VDE	11.0	125	121 x 35	140 g
16-309 VDE	12.0	125	121 x 35	145 g
16-311 VDE	13.0	125	121 x 35	155 g



Single-ended open-jaw wrenches

to DIN 7447, IEC 60900:2004,

two-colour multilayered insulation, 1000 V,

chrome vanadium, 15° open-end position

No.	A/F mm	Weight	No.	A/F mm	Weight
16-501 VDE	6.0	25 g	16-508 VDE	13.0	75 g
16-502 VDE	7.0	25 g	16-509 VDE	14.0	95 g
16-503 VDE	8.0	35 g	16-511 VDE	15.0	100 g
16-504 VDE	9.0	40 g	16-512 VDE	17.0	110 g
16-505 VDE	10.0	50 g	16-513 VDE	19.0	185 g
16-506 VDE	11.0	55 g	16-514 VDE	21.0	190 g
16-507 VDE	12.0	65 g	16-515 VDE	24.0	260 g



Single-ended ring wrenches

to DIN 7447, IEC 60900:2004,

two-colour multilayered insulation, 1000 V

No.	A/F mm	Weight	No.	A/F mm	Weight
16-531 VDE	6.0	45 g	16-538 VDE	13.0	135 g
16-532 VDE	7.0	50 g	16-539 VDE	14.0	160 g
16-533 VDE	8.0	55 g	16-541 VDE	15.0	165 g
16-534 VDE	9.0	60 g	16-545 VDE	19.0	255 g
16-535 VDE	10.0	85 g	16-547 VDE	21.0	295 g
16-536 VDE	11.0	90 g	16-551 VDE	24.0	350 g
16-537 VDE	12.0	130 g	– other dimensions available on request –		



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
16-773 VDE	200	0 - 26	300 g
16-774 VDE	250	0 - 30	500 g
16-775 VDE	300	0 - 35	800 g



16-440 VDE 9-piece set of sockets

in red imitation leather case

Contents: 8 sockets with two-colour multilayered insulation

A/F: 10.0 – 11.0 – 12.0 – 13.0 – 14.0 – 15.0 –

17.0 – 19.0 mm

1 T-socket wrench, 1/2" square drive, 200 mm with two-colour multilayered insulation

Weight: 1.120 kg



SAFETY TOOLS

Sockets

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

for nuts: with 3/8"-drive			with 1/2"-drive		
No.	A/F mm	Weight	No.	A/F mm	Weight
16-481 VDE	6.0	23 g	16-441 VDE	10.0	59 g
16-482 VDE	7.0	26 g	16-442 VDE	11.0	60 g
16-483 VDE	8.0	26 g	16-443 VDE	12.0	60 g
16-484 VDE	9.0	31 g	16-444 VDE	13.0	65 g
16-485 VDE	10.0	33 g	16-445 VDE	14.0	70 g
16-486 VDE	11.0	33 g	16-446 VDE	15.0	74 g
16-487 VDE	12.0	35 g	16-447 VDE	17.0	80 g
16-488 VDE	13.0	37 g	16-448 VDE	19.0	85 g
16-489 VDE	14.0	49 g	16-449 VDE	22.0	110 g
16-491 VDE	15.0	52 g	16-451 VDE	24.0	130 g
16-492 VDE	16.0	54 g	16-452 VDE	27.0	182 g
16-493 VDE	17.0	55 g	16-453 VDE	30.0	196 g
16-494 VDE	18.0	63 g	16-454 VDE	32.0	204 g
16-495 VDE	19.0	75 g			
16-496 VDE	20.0	82 g			
16-497 VDE	21.0	87 g			
16-448 VDE	22.0	94 g			

for hexagonal location: with 3/8"-drive			with 1/2"-drive		
16-559 VDE	4.0	55 g	16-461 VDE	5.0	93 g
16-561 VDE	5.0	60 g	16-462 VDE	6.0	95 g
16-562 VDE	6.0	65 g	16-463 VDE	8.0	97 g
16-563 VDE	8.0	75 g	16-464 VDE	10.0	109 g
16-564 VDE	10.0	90 g			

4-Way Wrench

two-colour multilayered insulation according to IEC 60900:2004, 1000 V, 4 different sizes, electrical contact impossible

16-431 VDE	A/F 10 / 13 / 14 / 17	395 g
------------	-----------------------	-------

T-socket-wrench

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

No.	mm	Length inches	Finish	Weight g
16-474 VDE	200	8	3/8" sqare drive	390 g
16-475 VDE	200	8	1/2" sqare drive	460 g

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	10 2/8"	1/2" sqare drive	680 g
16-472 VDE	200	8	3/8" sqare drive	360 g

Rigid extension

DIN 7434, two-colour multilayered insulation according to IEC 60900:2004, with locking device

16-476 VDE	125	5 1/2"	1/2" sqare drive	200 g
16-477 VDE	250	10 1/2"	1/2" sqare drive	406 g
16-478 VDE	125	5 3/8"	3/8" sqare drive	155 g
16-479 VDE	250	10 3/8"	3/8" sqare drive	281 g



CABLE-CUTTING TOOLS



No.	Length mm	Zoll	Finish	Weight g
-----	--------------	------	--------	-------------

Cable knife

with blade protection, handle from shock resistance plastic, 1000 V



15-521 VDE	180	7	straight blade, blade length 50 mm	66 g
------------	-----	---	---------------------------------------	------

Cable dismantling knife

with blade protection, handle from shock resistance plastic, 1000 V



15-522 VDE	180	7	straight blade, blade length 35 mm	66 g
15-523 VDE	180	7	special blade, with cable guard shoe	63 g

Automatic wire stripper Super

fully insulated automatic wire stripper for all common stranded and solid conductors of 0.2 - 6.0 mm², adjustable length stop of 5 - 12 mm, removable if required, built-in side cutters for max. 2 mm Ø

15-531 VDE	200	8	fibreglass re-enforced polyamide, fully insulated, approved for works on "hot " lines up to 1000 Volt	130 g
------------	-----	---	---	-------

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	8 1/4	max Ø 20 mm / 60 mm ²	360 g
------------	-----	-------	----------------------------------	-------

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	9 7/8	max Ø 32 mm / 240 mm ²	800 g
------------	-----	-------	-----------------------------------	-------

No.	Length mm	Zoll	Finish	Weight g
-----	--------------	------	--------	-------------

Metal saw

with pistol handle, frame out of metal die cast, two-colour multilayered insulation, fully insulated according to IEC 60900:2004, 1000 V




15-541 VDE	265	10 2/8	saw blade exchangeable	180 g
7-617	150	6	spare blade	3 g

SAFETY TOOLS

No.	Size	Weight
-----	------	--------


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	175 g
17-501 VDE	Size 10	175 g
17-502 VDE	Size 11	175 g




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 g
------------	---	-------




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 g
17-703 VDE	1000 x 1000 mm	1936 g



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 g
------------	----------------	--------

Plastic Clip for fixing covers

17-523 VDE 170 mm with covered spiral spring 

Self-Clamping Slip on Caps

1000V protection against touching a cable-end under voltage 

17-551 VDE	Ø 10 mm	20 g
17-552 VDE	Ø 20 mm	30 g
17-553 VDE	Ø 30 mm	60 g



Voltage Tester Steinel Volt Check 3

for AC/DC 17-531 VDE 6 - 400 V AC/DC 70 g



TWEEZERS

Engineer's tweezers with 1000 Voltage-insulation, VDE 0680 Part 2

No.	mm	Length Zoll	Finish	Weight g
5-107 VDE	150	6	fine bent tips, finely serrated	34 g
5-117 VDE	145	5 3/4	straight-flat-wide, with serration	39 g



VDE-ELEKTRO SERVICE-CASE PROTECTION 8200

A case with the basic equipment of common safety tools



8200 **BERNSTEIN** PROTECTION with tool set

8215 **BERNSTEIN** PROTECTION without tool set

Description:

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 plastic tray. In the tray with adjustable partitions can be lodged accessories and bigger tools until 60 mm height. The Upper tool tray is removable and on the back side 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.

Outside dimensions: 480 x 350 x 170 mm

Weight with tools: approx. 4.000 kg

Weight without tools: approx. 7.150 kg

Tool set:

No.	Description of individual tools
13-908 VDE	VDE Side cutters , 180 mm, for steel wire up to 2.0 mm Ø; chrome-plated, VDE safty insulation
13-917 VDE	Telephon pliers , 200 mm, long straight jaws, with cutting edge for hard wire, chrome-plated, with VDE safty insulation
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
14-654 VDE	Screwdriver , blade 125 x 5.5 mm, bicoloured multicomponent insulation, VDE-tested
14-656 VDE	Screwdriver , blade 150 x 6.5 mm, bicoloured multicomponent insulation, VDE-tested
14-682 VDE	Cross-recess screwdriver , size 1, blade 80 mm bicoloured multicomponent insulation, VDE-tested
14-683 VDE	Cross-recess screwdriver , size 2, blade 100 mm bicoloured multicomponent insulation, VDE-tested
14-692 VDE	Cross-recess screwdriver , size 1 PZ, blade 80 mm bicoloured multicomponent insulation, VDE-tested
14-693 VDE	Cross-recess screwdriver , size 2 PZ, blade 100 mm bicoloured multicomponent insulation, VDE-tested

Nr.	Description of individual tools
15-521 VDE	Cable knife with blade protection, blade length 50 mm
5-505	Insulation stripping tool , with hook blade, for cable Ø 4 - 28 mm
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
17-523 VDE	Plastic clip , 170 mm, with internal spiral spring
17-541 VDE	Pocket hack saw , insulated to IEC 60.900:2004, frame out of metal die cast, 150 mm saw blade
7-116	Engineer's hammer to DIN 1041, 300 g
7-235	Flat chisel CVL, DIN 7254, Type B, 200 x 27 mm
7-255	Electrician's chisel CVL, 200 x 10 mm
7-405	Towel , with conical forged blade and wooden handle, 50 mm width
7-410	Slicker trowel , polished with round shank, 16 mm width
7-415	Rubber beaker for plaster , Ø 130 mm
7-426	wide brush