



BERNSTEIN[®]
TOOLS FOR ELECTRONIC

Simpex Electronic AG
Binzackerstrasse 33
CH-8622 Wetzikon
Telefon +41-44-931 10 50
Telefax +41-44-931 10 51

www.simpex.ch
contact@simpex.ch
CHE-108.018.777 MWST



BERNSTEIN CASES ASSORTMENTS

Tool cases, ESD cases and VDE cases

VDE CASES



ESD CASES



TOOL CASES



CONTENT



CASE ASSORTMENTS

Electronic and Service Sets	7
ESD case	30
VDE case	38

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



ALSO AVAILABLE AS
ROLLER CASE

OUR CASES ARE MORE THAN A SIMPLE TOOL CASE

More than 50 years practical experience are the proof for an optimal design and output of service cases and service sets. Case body as well tool trays are featured by highest stability distinctive „BERNSTEIN“ Design.

The tool sets in the cases are composed with high quality tools and special tools for different applications.

ONE CASE, MANY OPPORTUNITIES!

The unique design of this case caused by the compact shape and the structured surface guarantees a solution of highest sturdiness.

The case body is made of X-ABS plastic which is covered by an extreme antislip and scratch-resistant lamination as an excellent protection against external influences. The ergonomical shaped handle together with the special hinges with topcase look completes the picture of a high functional and modern tool case.

The new tool Trays made from ConPearl® with sticked imitation leather ponches are sturdy, washable and replaceable.

AVAILABLE
ALSO AS
TROLLEY

Following
TOOL SETS
are in the new designed Bernstein case.

- 6100** (see page 16)
- 6400** (see page 18)
- 6700** (see page 24)
- 6750** (see page 26)

HANDY 1500 ELECTRONIC SERVICE CASE

The small and very handy service case with big space inside

The case body made from grained black X-ABS plastic shells is rainproof as well as skidproof and impact resistant. The stable profile frame increases the sturdiness at all. Two self blocking hinges installed in the bottom of the case keep the case top in the individual position. Fixed by stretch-ribbons 41 special tools are clearly arranged on two swivel-tool-trays. A special pocket in the case lid offers space for documents, pencils oder tablet. The bottom contains a stable plastic insert for spare parts, measuring instruments and soldering irons. Adjustable partitions allow a flexible division. The case is equipped with two key-locks and an ergonomical formed handle.

Outside dimensions: 355 x 355 x 175 mm (closed)
Weight without tools: ca. 2.700 kg
Weight with tools: ca. 3.730 kg



1500  **BERNSTEIN** **HANDY** with tool set

1515  **BERNSTEIN** **HANDY** without tool set

No.	Description of individual tools	No.	Description of individual tools
1-152	Adjusting screwdriver, blade 40 x 4 mm	4-366	Cross-recess watchmaker's screwdriver, size 00
2-126	Desoldering lever, slotted at one end, with plastic handle	4-391	Watchmaker's screwdriver, nickel-plated, with 4 interchangeable blades, 1.5, 2.0, 2.5 and 3.0 mm
2-127	Tin knife, with plastic handle, 115 mm	4-407	Retaining screwdriver, 110 x 4 mm
2-132	Spring hook, nickel-plated and insulated, 175 mm	4-523	Electrician's screwdriver, with multicomponent handle, blade made from chrom vanadium, matt chrome-plated, with black tip, 100x4 mm
2-166	Contact cleaner, made from glass fibre	4-542	Cross-recess screwdriver, with multicomponent handle, blade made from chrom vanadium, matt chrome-plated, with black tip, PZ 0
2-620	PLCC extractor	4-543	Cross-recess screwdriver, with multicomponent handle, blade made from chrom vanadium, matt chrome-plated, with black tip, PZ 1
2-265	2 Test prods, red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire	4-775	Plastic handle, 6 mm, for socket wrenches
2-275	Repair mirror, 21 mm Ø	5-006	Component tweezers, nickel-plated, with insulated jaws, for easy insertion and removal of plug-in transistors of various sizes
2-601	IC-tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	5-107	Engineer's tweezers made from steel, with bent tips, 150 mm, nickel-plated
3-127-2	„Slimline“ side cutters, 115 mm, for soft wire up to 1.0 mm, extremely slim head, box joint, compression spring, chrome-plated, with transparent insulation	5-181	Wire scraper, for wires 0.6 mm Ø, interchangeable cutter
3-132-16	Side cutters, 130 mm, for hard wire up to 1.0 mm, for soft wire up to 2.0 mm, chrome-plated, with bicoloured hand guard	5-301	Special scissors, for cutting sheet-metal and wires, with serrations, extremely slim, 110 mm, nickel-plated
3-445-2	Micro flat nose pliers, 120 mm, extremely slim, box joint, chrome-plated, with transparent insulation	5-515	Universal blade knife, with adjustable blade
3-481-2	Snipe nose pliers, 120 mm, angular, box joint, compression spring, chrome-plated, with transparent insulation	6-202	Socket wrench, C.V. nickel-plated, 5.5 mm A/F, without handle
4-301	Miniature screwdriver, with plastic handle, blade nickel-plated 40 x 1.8 mm	6-204	Socket wrench, C.V. nickel-plated, 7.0 mm A/F, without handle
4-311	Screwdriver for headless screws, with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm	6-771	Adjustable wrench, jaws opening 0 - 12 mm, total length 100 mm
4-343	Voltage tester, blade 60 x 3 mm	6-820	Set of wrench keys, 8 pieces, in plastic wallet, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5 and 6.0 mm
VDE		7-425	Dust brush

NETWORK 2700 SERVICE SET

The set with all essential tools for the assembly and maintenance of networks



Outside dimensions: 320 x 250 x 100 mm (closed)
Weight with tools: ca. 2,750 kg

2700  **BERNSTEIN** NETWORK with tool set

2701  **BERNSTEIN** NETWORK without tool set

In an elegant black nylon case with zip fastener and velvet grey lining 23 special tools are clearly arranged in pockets.

No.	Description of individual tools	No.	Description of individual tools
2-601	IC-tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	4-534	Cross-recess screwdriver, as above, blade length 100 mm, size 2
3-125-2	Micro side cutters, 110 mm, for soft wire up to 0.8 mm and hard wire up to 0.3 mm, chrome-plated, with transparent insulation	4-775	Plastic sprung handle for socket wrenches
3-235-16	Telephon pliers, 160 mm, chrome-plated, with bicoloured hand guard	5-161	Clamping scissors, 130 mm, stainless, with serrated gripping jaws
3-815-16	Wire strippers, 155 mm, with adjusting screw for all wire thicknesses, chrome-plated, with bicoloured hand guard	5-0601	Rotary coaxial cable stripper for cable types RG 58, RG 59 and RG 62
3-0605	Combination-crimping pliers for connector types, 6P/6C, 6P/4C, 6P/2C, 8P/8C	6-203	Socket wrench, 6.0 mm, chrome vanadium, nickel plated, without handle
3-0611	Crimping pliers for BNC- and TNC-coaxial connectors	6-205	Socket wrench, 8.0 mm, chrome vanadium, nickel plated, without handle
4-504	Workshop screwdriver with multi component handle, blade made from chrome vanadium, chrome-plated, with black tip, 100 x 5.5 mm	6-207	Socket wrench, 10.0 mm, chrome vanadium, nickel plated, without handle
4-522	Electrician screwdriver as above, chrome-plated, with black tip, 100 x 3.0 mm	6-772	Adjustable wrench, chrome vanadium, 150 mm, jaw opening 0 - 18 mm
4-532	Cross-recess screwdriver with multi component handle, blade made from chrome vanadium, chrome-plated, with black tip, blade length 60 mm, size 0	6-985 L	TORX-Screwdriver, with bore-hole in the tip, with multi component handle, blade made from chrome vanadium, chrome-plated, black tip, size T 10
4-533	Cross-recess screwdriver, as above, blade length 80 mm, size 1	6-986 L	TORX-Screwdriver, as above, with bore-hole in the tip, size T 15
		6-987 L	TORX-Screwdriver, as above, with bore-hole in the tip, size T 20
		8-390	Desoldering pump, 195 mm long, 20 mm Ø
		8-396	Gas-soldering-iron Portasol, 10 - 60 W, maximum temperature up to 450° C

SERVICE-CASE MASTER 3000

Service set in handy tool case



Outside dimensions: 245 x 130 x 60 mm (closed)
Weight with tools ?kg



3000  **BERNSTEIN** MASTER with tool set

3015  **BERNSTEIN** MASTER without tool set

Elegant case with all-round zip fastener. 22 BERNSTEIN tools are clearly arranged on these plates fixed by elastic ribbons.

No.	Description of individual tools	No.	Description of individual tools
3-132-16	Side cutters, 120 mm, for hard wire up to 0.8 mm, for soft wire up to 1.5 mm, chrome-plated, with BERNSTEINIT insulation	4-544	Cross-recess screwdriver with multi component handle, blade from chrome vanadium, chrome-plated, with black tip, Pozidriv, size 2
3-482-2	Snipe nose pliers, 140 mm, angular, with long jaws, slim model, with compression spring, chrome-plated, with BERNSTEINIT insulation	5-107	Steel tweezers, with bent tips, 150 mm, nickel-plated
3-565	Water pump pliers, 130 mm, chrome-plated	5-117	Steel tweezers, straight, flat and wide, 145 mm, nickel-plated
4-311	Screwdriver for grub screws with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm	5-261	Contact file, 150 mm
4-331	Screwdriver for grub screws with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm	5-301	Special sheet-metal scissors, serrated, extremely slim, 110 mm, nickel-plated
4-391	Watchmaker's screwdriver, nickel-plated, with 4 interchangeable blades 1.5, 2.0, 2.5 and 3.0 mm	6-814	Wrench key, 2.0 A/F mm, angle-shaped, special steel, nickel-plated
4-523	Electricians screwdriver to DIN 5265, with multi-component handle, blade from chrome vanadium, 100 x 4 mm, chrome-plated, with black tip	6-815	Wrench key, 2.5 A/F mm, as above
4-542	Cross-recess screwdriver with multi-component handle, blade from chrome vanadium, chrome-plated, with black tip, Pozidriv, size 0	6-816	Wrench key, 3.0 A/F mm, as above
		6-817	Wrench key, 3.5 A/F mm, as above
		6-995-10	TORX-wrench key, T 10, with bore hole, chrome vanadium, burnished
		6-995-15	TORX-wrench key, T 15, as above
		6-995-20	TORX-wrench key, T 20, as above
		8-396	Gas-soldering-iron Portasol, 10 - 60 W, maximum temperature up to 450° C

SPRINTER 3100 SERVICE CASE

Handy tool case for service-inspection of the electronics engineer



Outside dimensions: 205 x 120 x 50 mm (Mappe closed)
Weight with tools 0.680kg

3100  **BERNSTEIN** SPRINTER with tool set

3115  **BERNSTEIN** SPRINTER without tool set

Elegant black grained leather case with all-round zip fastener and black plastic lining. The set comprises 19 BERNSTEIN tools for service work. The BERNSTEIN Sprinter has a handy size for the pocket of the smock.

No.	Description of individual tools	No.	Description of individual tools
1-151	Adjusting screwdriver, blade 40 x 3 mm	4-311	Screwdriver for grub screws with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm
1-305	Adjusting screwdriver, blade 80 x 2.4 mm with bronze insert 1.1 x 0.5 mm	4-393	Watchmaker's screwdriver, with 5 interchangeable blades 1.5, 2.0, 2.5, cross-recess blades size 00 and 000
1-307	Adjusting screwdriver, blade 80 x 2.4 mm, with bronze tip 2.0 x 0.5 mm	4-407	Retaining Screwdriver, 110 x 4 mm
2-127	Tin knife with plastic handle, 115 mm	4-521	Electricians screwdriver with multi-component handle, blade CV, chrome plated, black tip, 75 x 2,5 mm
2-166	Contact-cleaner, made from glass fibre	4-542	Cross recess screwdriver with multi-component handle, blade CV, nickel, black tip, size 0
2-265-1	Test prod, red, especially thin, pointed and flexible, blade made from 1 mm steel wire	5-049	Watchmaker's tweezers, 110 mm, stainless, sharply-pointed
2-265-2	Test prod, black, especially thin, pointed and flexible, blade made from 1 mm steel wire	5-107	Engineer's steel tweezers, with bent tips, 150 mm, nickel-plated
2-275	Repair mirror, 21 mm Ø	6-771	Adjustable wrench, jaw opening 0-12 mm, total length 100 mm
3-127-2	„Slimline“ side cutters, 115 mm, for soft wire up to 1.0 mm, extremely slim head, box joint, compression spring, chrome-plated, with transparent insulation	8-396	Gas-soldering-iron Portasol, 10 - 60 W, maximum temperature up to 450° C
3-455-2	Micro snipe-nose pliers, 120 mm, extremely light and slim, box joint, chrome-plated, with transparent insulation		

LAPTOP 3200 ELECTRONIC SERVICE CASE

The professional combination of Laptop Bag and Tool Case



Elegant Laptop and Tool Case made from black nylon, with inside pad and reinforced frame. The bag is divided in 2 zip-fastener bags and has loops on both sides for attaching the shoulder strap. The tray in the upper zip-fastener bag is prepared for the arrangement of a Laptop, together with the necessary accessories, e.g. connector cable, power supply and mouse. The lid of this bag is provided with several pockets for CDs, USB-sticks, writing utensils and documentations. The design 3200 additionally is equipped with a tool tray accurately arranged with 28 special tools. This removable tray is fastened in the case as a swivel-tool-tray with hook-and-loop tape. The bottom zip-fastener bag, with 3 partitions, is mainly provided for documents and literatures.



Outside dimensions: 480 x 380 x 140 mm (closed)
Weight with tools: ca. 3550 kg

3200  **BERNSTEIN** LAPTOP with tool tray, with tool set

3215  **BERNSTEIN** LAPTOP with tool tray, without tool set

3255  **BERNSTEIN** LAPTOP without tool tray, without tool set

No.	Description of individual tools	No.	Description of individual tools
1-151	Adjusting screwdriver, blade 40 x 3 mm	3-565	Water pump pliers, 130 mm, chrome-plated
2-126	Desoldering bar, slotted at one end, nickel-plated, insulated, with plastic handle	4-407	Retaining screwdriver, 110 x 4 mm
2-127	Tin knife with pointed, sharp blade, high quality steel, for cutting circuit paths and for burring	4-523	Electricians screwdriver with multi component handle, blade from chrome vanadium, chrome-plated, with black tip, 100 x 4.0 mm
2-166	Glass fibre contact cleaner brush with rotary mechanism, plastic casing	4-901	ESD handle with brass clamping sleeve
2-265	2 Test prods, red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire	4-905	Hexagon blade widths 1.5 / 3.0 mm, matt chrome-plated, black tip
2-275	Repair mirror, 21 mm Ø, with handle, 180 mm long	4-906	Hexagon blade as above, widths 2.0 / 3.5 mm
2-601	IC tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	4-907	Hexagon blade as above, widths 2.5 / 4.0 mm
2-620	PLCC extractor for easy removal of plug-in PLCC's	4-911	Hexagon blade as above, cross-recess PH 000 / PH 00
3-127-2	SLIM-line, 115 mm, for soft wire up to 1.5 mm, extremely slim head, box joint, compression spring, chrome-plated, with transparent insulation	4-912	Hexagon blade as above, cross-recess PH 0 / PH 1
3-128-2	SLIM-line oblique top cutters, 120 mm, for soft Wire 2.0 mm, slim head, box joint, compression spring, chrome plated, with transparent insulation	4-921	Hexagon blade as above, TORX T 5 / T 6
3-445-2	Micro flat nose pliers, 120 mm, extremely slim, box joint, chrome-plated, with transparent insulation	4-922 L	Hexagon blade as above, TORX T 7 / T 8, with bore hole
3-481-2	Super nose pliers, 120 mm, angled box joint, chrome-plated, with transparent insulation	4-923 L	Hexagon blade as above, TORX T 9 / T 10, with bore hole
		5-051	SMD-tweezers, 115 mm, straight, pointed, anti-magnetic, stainless, matt finish, acid-resisting
		5-107	Engineers steel tweezers with bent tips, 150 mm, nickel-plated
		5-301	Special scissors for cutting sheet-metal and wires, with serration, extremely slim, 110 mm, nickel-plated

MULTI ELECTRICIAN'S CASE 5600

The handy, spacious electrician's tool case



Stable case 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. 41 tools are held by compartments. In the bottom of the case is a metal tray which may carry additional tools.

The case edges are especially reinforced by aluminium profiles. On both sides are loops for fasten a carrying strap. The case has 2 locks.

No.	Description of individual tools	No.	Description of individual tools
3-133-16	Side cutters, 130 mm, for hard wire, chrome-plated with BERNSTEINIT insulation	5-271	Workshop file, 200 mm, flat and blunt, with wooden handle
3-235-16	Telephone pliers, 160 mm, chrome-plated, with bicoloured hand guard	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
3-732-16	Combination pliers, 165 mm, chrome-plated, with bicoloured hand guard	5-501	Cable knife
3-815-16	Wire strippers, 155 mm, chrome-plated, with bicoloured hand guard	5-505	Wire-stripping knife, with hookblade, for cable 4 - 28 mm Ø
4-311	Screwdriver for grub screws with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm	6-820	8-pieces set offset hexagon key wrenches, 1.5 to 6 mm A/F, in plastic case
4-344	Voltage tester, blade 100 x 3.5 mm	7-405	Spatula with wooden handle, blade width 50 mm
VDE		7-116	Engineer's hammer, 300 g
14-653	Screwdriver, blade 100 x 4.0 mm, VDE safety insulation	7-202	Firmer chisel, blade width 16 mm
VDE		7-235	Flat chisel, chrome vanadium, 200 x 16 x 20 mm
14-654	Screwdriver as above, blade 125 x 5.5 mm	7-255	Electrician's chisel, chrome vanadium, 200 x 8 x 10 mm
VDE		7-303	Twist gimlet, 3 mm Ø
14-656	Screwdriver as above, blade 150 x 6.5 mm	7-306	Twist gimlet, 6 mm Ø
VDE		7-316	Punch, with plastic handle, 6 mm Ø
14-682	Cross-recess screwdriver, as above, size 1	7-410	Slicker trowel, with round shank, blade width 16 mm
VDE		7-415	Rubber beaker for plaster, round
14-683	Cross-recess screwdriver as above, size 2	7-502	Folding rule, 2 m
VDE		7-535	Spirit level, 220 mm, with 3 levels: horizontal, vertical and 45° angle
5-107-6	Engineer's tweezers with fine, bent tips, 150 mm, nickel-plated, strong PVC-insulated	7-616	Pocket hack saw „Puk“ with adjustable wooden handle, saw blade and plastic wallet
5-117-6	Engineer's tweezers, straight, flat and wide, 145 mm, nickel-plated, strong PVC-insulated		



Outside dimensions: 435 x 340 x 210 mm

Weight without tool set: ca. 4.300 kg

Weight with tools: ca. 8.350 kg

5600  **BERNSTEIN** **MULTI** with tool set

5615  **BERNSTEIN** **MULTI** without tool set

PC-CONTACT ELECTRONIC SERVICE CASE 6100

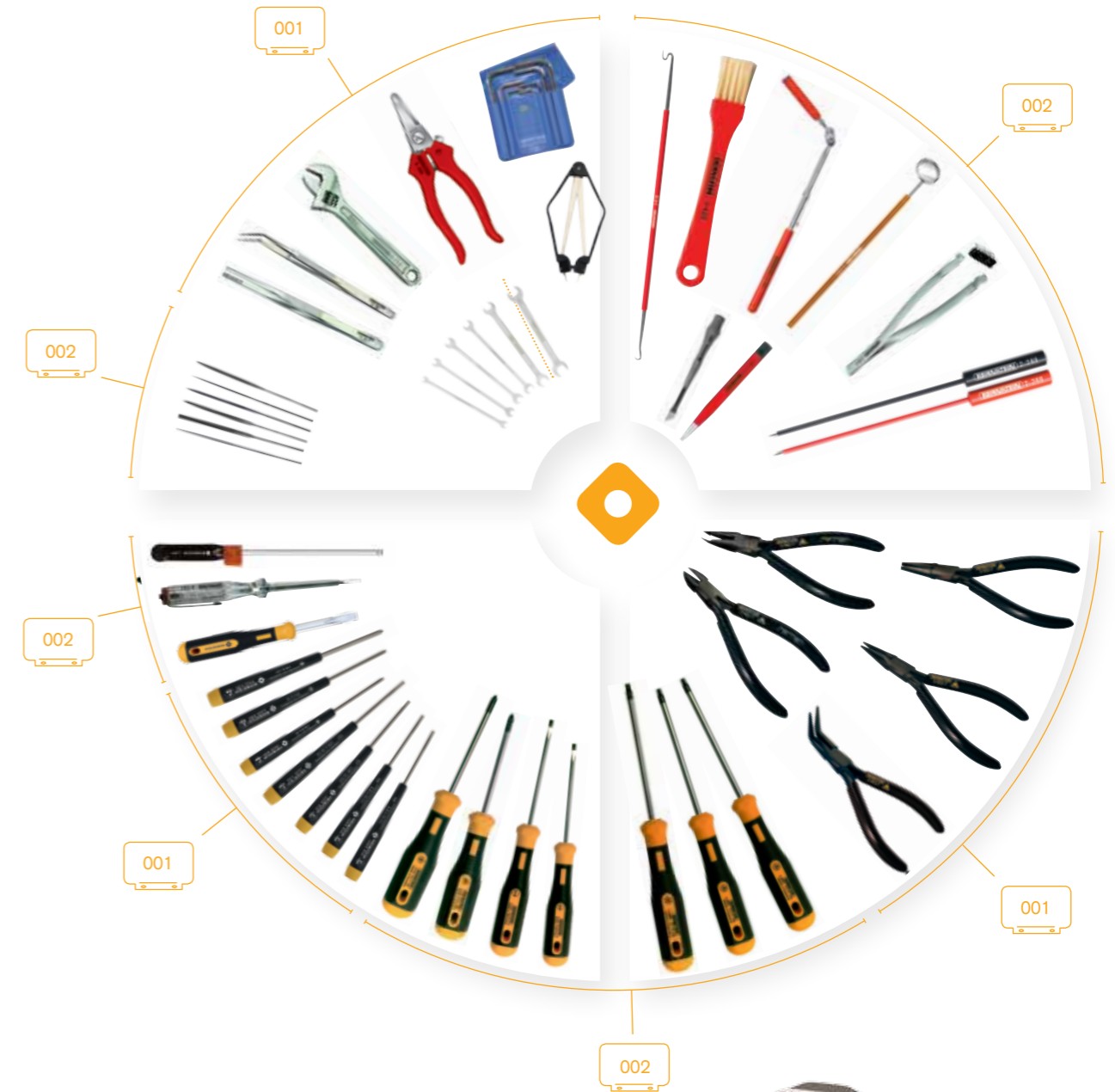
The clearly arranged tool case for the prompt and efficient servicing of computers

The unique design of this case caused by the compact shape and the structured surface guarantees a solution of highest sturdiness. The case body is made of X-ABS plastic which is covered by an extreme antislip and scratch-resistant lamination as an excellent protection against external influences. The ergonomical shaped handle together with the special hinges with topcase lock completes the picture of a high functional and modern tool case.

The removable tool trays made of ConPearl® with sewed pouches from imitation leather are sturdy, washable and exchangeable. The 60 mm high bottom plastic tray is divided by adjustable partitions.

Tool set 6100 consists of the following 65 tools:

No.	Description of individual tools	No.	Description of individual tools
2-127	Tin knife, with plastic handle, 115 mm	4-603	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, with black tip, 50 x 1.5 mm
2-132	Spring hook, nickel-plated and insulated, 175 mm	4-607	Electronics screwdriver as above, blade 50 x 3.0 mm
2-161	Magnetic bar with double ball- and socket joint, slewable, 215 mm	4-621	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, with black tip, size 000
2-166	Contact cleaner, made from glass fibre, 115 mm	4-622	Cross-recess screwdriver, with dissipative handle, size 00 blade from chrome vanadium, chrome-plated, with black tip
2-265	2 Test prods, red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire, 155 mm	4-623	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, with black tip, size 0
2-275	Repair mirror, 21 mm Ø, with handle, 180 mm long	4-624	Cross-recess screwdriver as above, size 1
2-601	IC tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	5-107	Engineer's tweezers, made from steel, with bent tips, 150 mm
2-620	PLCC extractor for easy removal of plug-in PLCC's	5-117	Engineer's tweezers, straight-flat-wide, 145 mm, nickel-plated
3-901-7	Side cutters, 120 mm, for hard wire up to 0.4 mm, for soft wire up to 1.0 mm, burnished, with black dissipative insulation	5-210	Needle files, 6-piece set
3-906-7	End cutters, 120 mm, for soft wire up to 0.8 mm, burnished, with black dissipative insulation	5-305	Combination scissors, stainless, serrated, compression spring, plastic handles, 140 mm
3-932-7	Flat nose pliers, 120 mm, burnished, with black dissipative insulation	6-200	Socket spanner set, 8 pieces, in plastic case, 1 plastic handle, 7 socket spanners 4.0, 5.5, 6.0, 7.0, 8.0, 9.0 and 10.0 mm
3-933-7	Snipe nose pliers, 120 mm, burnished, with black dissipative insulation	6-750	Special open-end wrenches, 6-piece set, nickel-plated, 3 x 3.5, 4 x 4.5, 5 x 5.5, 6 x 6.5, 7 x 8, 9 x 10 mm, material thickness 1.5 resp. 2.0 mm
3-945-7	Snipe nose pliers, 145 mm, angular long jaws, burnished with black dissipative insulation	6-771	Adjustable wrench, jaw opening 0 - 12 mm, total length 100 mm
4-331	Assembly screwdriver with plastic handle, nickel-plated blade, 45 x 6 mm, with special square pattern BERNSTEIN handle	6-820	Set of allen hex sockets, 8 pieces, in plastic wallet, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5, 6.0, mm
4-343 VDE	Voltage tester, blade 60x3 mm	6-984 L	TORX-screwdriver, with multi component handle, blade made from chrome vanadium, chrome plated, Size T 9 with hole
4-407	Retaining screwdriver, 110 x 4 mm	6-985 L	TORX-screwdriver as above, Size T 10 with hole
4-522	Electricians screwdriver with multi component handle, blade from chrome vanadium with black tip, chrome-plated, 100 x 3,0 mm	6-986 L	TORX-screwdriver as above, Size T 15 with hole
4-523	Electricians screwdriver as above, blade 100 x 4 mm	7-425	Dust brush
4-542	Cross recess screwdriver, Supadriv / Pozidriv Gr. 0, with multi component handle, blade from chrome vanadium, chrome-plated, with black tip		
4-543	Cross recess screwdriver, Supadriv / Pozidriv as above, Gr. 1		



Outside dimensions: 460 x 350 x 190 mm
 Weight without tool set: ca. 3.700 kg
 Weight with tools: ca. 5.400 kg

6100 **BERNSTEIN** PC-CONTACT with tool set

6115 **BERNSTEIN** PC-CONTACT without tool set

Outside dimensions: 460 x 350 x 200 mm
 Weight without tool set: ca. 5,500 kg
 Weight with tools: ca. 7,200 kg

6100 R **BERNSTEIN** TROLLEY with tool set

6115 R **BERNSTEIN** TROLLEY without tool set



TECHNIC 6400 ELECTRONIC SERVICE CASE 6400

A toolcase as a bordcase for the travelling engineer

The unique design of this case caused by the compact shape and the structured surface guarantees a solution of highest sturdiness. The case body is made of X-ABS plastic which is covered by an extreme antislip and scratch-resistant lamination as an excellent protection against external influences. The ergonomical shaped handle together with the special hinges with topcase lock completes the picture of a high functional and modern tool case.

The removable tool trays made of ConPearl® with sewed pouches from imitation leather are sturdy, washable and exchangeable. The 60 mm high bottom plastic tray is divided by adjustable partitions.

Tool set 6400 consists of the following 75 tools:

No.	Description of individual tools	No.	Description of individual tools
1-909	Engineer's mirror, with handle, made entirely from BERNSTEINIT	4-407	Retaining screwdriver, 110 x 4 mm
2-126	Desoldering lever, slotted at one end, with plastic handle	14-651	Screwdriver, with VDE safety insulation, blade, 75 x 2.5 mm
2-127	Tin knife, with plastic handle, 115 mm	14-653	Screwdriver, as above, blade 100 x 4.0 mm
2-128	Tin scraper, with plastic handle, 115 mm	14-654	Screwdriver, as above, blade 125 x 5.5 mm
2-132	Spring hook, nickel-plated and insulated, 175 mm	14-691	Cross-recess screwdriver, Pozidriv, size 0, with VDE safety insulation, blade, 60 mm long
2-145	Screwdriver with guide sleeve for slotted axles up to 3.2 mm Ø	14-692	Cross-recess screwdriver, Pozidriv, as above, size 1, 80 mm long
2-161	Magnetic bar with double ball- and socket joint, slewable, 215 mm	5-006	Component tweezers, nickel-plated, with insulated jaws, for easy insertion and removal of plug-in transistors of various sizes
2-265	2 Test prods, red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire	5-049	Watchmaker's tweezers, 110 mm, stainless, sharply-pointed
2-601	IC tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	5-107	Engineer's tweezers, made from steel, with bent tips, 150 mm, nickel-plated
3-127-2	„Slimline“ side cutters, 115 mm, for soft wire only up to 1.0 mm, extremely slim head, box joint, compression spring, chrome-plated, with transparent insulation	5-115	Heat dissipating tweezers, 165 mm, nickel-plated, for use when soldering transistors, gold-bonded diodes etc.
3-132-16	Side cutters, 130 mm, chrome-plated, for hard wire up to 1.0 mm, for soft wire up to 2.0 mm, with bicoloured hand guard	5-117	Engineer's tweezers, straight-flat-wide, 145 mm, nickel-plated
3-461-2	Round nose pliers, 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation	5-161	Clamping scissors, 130 mm, stainless
3-462-2	Flat nose pliers, 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation	5-181	Wire scraper, for wires 0.6 mm Ø, interchangeable cutters
3-481-2	Snipe nose pliers, 120 mm, angular, box joint, compression spring, chrome-plated, with transparent insulation	5-210	Needle files, 6-piece set
3-565	Miniature water pump pliers, 130 mm, chrome-plated	5-301	Special scissors for cutting sheet-metal and wires, with serration, extremely slim, 110 mm, nickel-plated
3-732-16	Combination pliers, 160 mm, chrome-plated, with bicoloured hand guard	5-501	Cable knife
3-761-10	Special assembly pliers for clamping rings, 1.5 mm – 2.8 mm, 140 mm, burnished, with adjusting screw	5-531	Automatic wire stripper super
4-261	Cross-recess screwdriver, size 01, with plastic handle, blade made from chrome vanadium, nickel-plated, 25 mm long	6-200	Socket spanner set, chrome vanadium, nickel-plated, 1 plastic handle, 7 socket spanners, 4.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0 mm
4-301	Miniature screwdriver, with plastic handle, blade nickel-plated, 40 x 1.8 mm	6-750	Special open-end wrenches, 6-piece set, nickel-plated, material thickness 1.5 or 2 mm, 3 x 3.5, 4 x 4.5, 5 x 5.5, 6 x 6.5, 7 x 8, 9 x 10 mm
4-311	Screwdriver for headless screws, with two hand guard plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm	6-820	Set of allen hex sockets, 8 pieces, in plastic wallet, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5, 6.0, mm
4-321	Chubby screwdriver, with two hand guard plastic handle, blade made from chrome vanadium, nickel-plated, 25 x 4.0 mm	7-425	Dust brush
4-343	Voltage tester, insulated blade, made from chrome vanadium, 60 x 3 mm	7-435	Plastic-oiler, with screwcap made from brass
VDE		7-508	Steel tape measure, 30 cm, stainless
4-351	Offset screwdriver, chrome vanadium, nickel-plated, 100 x 5 mm	7-511	Digital caliper square, stainless, measuring range 150 mm, LCD-display mm/inches, depth-gauge, cross-points, in a wallet
4-366	Cross-recess watchmaker's screwdriver, size 00	7-616	Pocket saw, in a wallet
4-391	Watchmaker's screwdriver, nickel-plated, with 4 interchangeable blades, 1.5, 2.0, 2.5, 3.0 mm		



Outside dimensions: 450 x 340 x 190 mm
 Weight without tool set: ca. 4.500 kg
 Weight with tools: ca. 7.400 kg

6400 **BERNSTEIN** **TECHNIC** with tool set
6415 **BERNSTEIN** **TECHNIC** without tool set

Outside dimensions: 450 x 340 x 200 mm
 Weight without tool set: ca. 5.300 kg
 Weight with tools: ca. 9.200 kg

6400 R **BERNSTEIN** **TROLLEY** with tool set
6415 R **BERNSTEIN** **TROLLEY** without tool set



BOSS ELECTRONIC SERVICE CASE 6500

The actual multi-purpose tool case with the vast assortment

Body of case made from deep-drawn, impact-resistant, grained black plastic, with a sturdy aluminium frame, dustproof and rainproof, acid- and scratch-resistant. The 104-piece tool set comprises all required conventional and special tools for the servicing of electronic equipment, also for difficult repairs. The tools are clearly arranged in partitions on tool trays which are removable and folding and the swiveling parts are securable: A variable tool chest in case-size!

A stable plastic tray, 90 mm high, with 6 partition walls for a variable arrangement of the divisions offers a lot of space to carry spare parts, measuring instruments and soldering irons. The lid of the case has a pocket for documents. The case has 2 locks.

No.	Description of individual tools	No.	Description of individual tools
1-151	Adjusting screwdriver, blade 40 x 3 mm	4-603	Screwdriver with conductive handle, blade from chrome vanadium, chrome-plated, 40 x 1.5 mm
1-153	Adjusting screwdriver, blade 130 x 2 mm	4-605	Screwdriver with conductive handle, blade from chrome vanadium, chrome-plated, 40 x 2.0 mm
1-155	Adjusting screwdriver, blade 130 x 3.5 mm	4-606	Screwdriver with conductive handle, blade from chrome vanadium, chrome-plated, 50 x 2.5 mm
1-909	Engineer's mirror, with handle, made entirely from BERNSTEINIT	4-607	Electronics screwdriver as above, blade 50 x 3 mm
2-126	Desoldering lever, slotted at one end, with plastic handle	4-543	Cross recess screwdriver mit Mehrkomponenten Griff, Blade aus CV, verchromt, Pozidriv, size 1
2-127	Tin knife with plastic handle, 115 mm	4-621	Cross-recess screwdriver, with conductive handle, blade from chrome vanadium, chrome-plated, size 000
2-128	Tin scraper with plastic handle, 115 mm	4-622	Cross-recess screwdriver, with conductive handle, blade from chrome vanadium, chrome-plated, size 00
2-132	Spring hook, nickel-plated and insulated, 175 mm	4-623	Cross-recess screwdriver, with conductive handle, blade from chrome vanadium, chrome-plated, size 0
2-152	Tool holder, nickel-plated brass, with collets at both ends for holding tools from 0 to 3 mm Ø	4-343	Voltage tester, blade 60x3 mm
2-155	Claw-type gripper, nickel-plated, with 3 wire claws, opening max. 12 mm, with clip	4-351	Offset screwdriver, chrome vanadium, nickel-plated, 100x5 mm
2-161	Magnetic bar with double ball- and socket joint, slewable, 215 mm	4-391	Watchmaker's screwdriver, nickel-plated, with 4 interchangeable blades, 1.5, 2.0, 2.5, 3.0 mm
2-166	Contact cleaner, made from glass fibre	4-407	Screw holder, 110x4 mm
2-265	2 Test prods, red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire	5-006	Component tweezers, nickel-plated, with insulated jaws, for easy insertion and removal of plug-in transistors of various sizes
2-295	Hand magnifier with light	5-049	Watchmaker's tweezers, 110 mm, stainless, sharply-pointed
2-601	IC tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	5-107	Engineer's tweezers, made from steel, with bent tips, 150 mm, nickel-plated
2-620	PLCC extractor, for easy removal of plug-in PLCC'S	5-107-6	Engineer's tweezers, as above, strong PVC-insulated
3-127-2	„Slimline“ side cutters, 115 mm, for soft wire up to 1.0 mm, extremely slim head, box joint, compression spring, chromeplated, with transparent insulation	5-115	Heat dissipating tweezers, 165 mm, nickel-plated, for use when soldering transistors, gold-bonded diodes etc.
3-132-16	Side cutters, 130 mm, for hard wire, chrome-plated, with bicoloured hand guard	5-117	Engineer's tweezers, straight-flat-wide, 145 mm, nickel-plated
3-235-16	Telephone pliers with wire cutters, 160 mm, chrome-plated with bicoloured hand guard	5-161	Clamping scissors, 130 mm, stainless
3-462-2	Flat nose pliers, 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation	5-181	Wire scraper, for wires 0.6 mm Ø, interchangeable cutter
3-463-2	Snipe nose pliers, 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation	5-191	ESD tweezers, 120 mm, conductive, with straight, rounded tips
3-482-2	Snipe nose pliers, 140 mm, angular, slim, box joint, compression spring, chrome-plated, with transparent insulation	5-194	ESD tweezers, 120 mm, conductive, with bent, pointed tips
3-565	Water pump pliers, 130 mm, chrome-plated	5-210	Needle files, 6-piece set
3-732-16	Combination pliers, 165 mm, chrome-plated, with bicoloured hand guard	5-301	Special scissors, for cutting sheet-metal and wires, with serration, extremely slim, 110 mm, nickel-plated
3-761-10	Special assembly pliers for clamping rings, 1.5 mm - 2.8 mm, 140 mm, burnished, with adjusting screw	5-305	Combination scissors, stainless, serrated, compression spring, plastic handles, 140 mm
3-815-16	Wire strippers, 155 mm, chrome-plated, with BERNSTEINIT-insulation	5-501	Electrician knife
3-871-6	Pressing pliers for multicore cable and for sleeves from 0.25 - 2.5 mm²	6-200	Socket spanner set, chrome vanadium, nickel-plated, 8-piece set, 1 plastic handle, 7 socket spanners, 4.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0 mm
3-0856	Crimp tool for insulated and uninsulated terminals, 230 mm	6-750	Special open-end wrench, 6-piece set, nickel-plated, 3 x 3.5, 4 x 4.5, 5 x 5.5, 6 x 6.5, 7 x 8, 9 x 10 mm, material thickness 1.5 or 2.0 mm
4-504	Screwdriver according to DIN 5265, Blade with multi-component handle 100 x 5.5 mm	6-771	Adjustable wrench, jaw opening 0 - 12 mm, total length 100 mm
4-523	Screwdriver as above, blade 100 x 4.0 mm	6-820	Set of allen hex sockets, 8 pieces, 1.5 - 6.0 mm



Outside dimensions: 490 x 410 x 190 mm

Weight without tool set: 6.500 kg

Weight with tools: 10.600 kg

6500  **BERNSTEIN** BOSS with tool set

6515  **BERNSTEIN** BOSS without tool set

No.	Description of individual tools	No.	Description of individual tools
6-631	Wrench-Keys with conductive handle, blade from chrome vanadium, chrome-plated A/F 0.7 mm	6-646	as above, T8 with hole
6-632	as above 0.9 mm	6-984 L	TORX-Screwdriver with multi-component handle, Size T9, with hole
6-633	as above 1.3 mm	6-985 L	TORX-Screwdriver as above, Size T 10, with hole
6-634	as above 1.5 mm	6-986 L	TORX-Screwdriver as above, Size T 15, with hole
6-635	as above 2.0 mm	7-425	Dust brush
6-658	TORX-Screwdriver with conductive handle, blade from chrome vanadium, chrome-plated, T3	7-506	Roller tape measure 2 m
6-659	as above, T4	7-508	Steel measure, 30 mm, stainless
6-661	as above, T5	7-511	Digital caliper square, stainless, measuring range 150 mm, LCD-display mm/inches, depth-gauge, cross-points, in a wallet
6-662	as above, T6	7-616	Pocket hack saw „Puk“ with adjustable wooden handle, in a wallet
6-632	as above, T7 with hole		

TELECOM ELECTRONIC SERVICE CASE 6600

The actual case with special tools and testing instruments for the installation and maintenance of complex telecommunication systems

Case made from deep-drawn, impact-resistant, grained black plastic, with a sturdy aluminium frame, dustproof and rainproof, acid- and scratch-resistant. With 106 tools the case contains a complete equipment of tools especially for the electrical and electronical connecting and maintenance operations at distribution boards in the telecommunication technique. The tools are clearly arranged in the case on 3 removable tool trays and in a stable plastic tray in the bottom of the case that grants by adjustable partitions additional place for further instruments.

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	14-652	Screwdriver, with VDE safety insulation, blade 100 x 3.5 mm
2-275	Repair mirror, stainless, magnifying, concave mirror 21 mm Ø, with BERNSTEIN handle	VDE	
2-601	IC-tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	14-682	Cross-recess screwdriver, size 1, with VDE safety insulation, blade length 80 mm
2-620	PLCC-extractor	14-683	Cross-recess screwdriver, size 2, with VDE safety insulation, blade length 100 mm
2-655	Pocket inspection lamp, watertight, with pre-focused reflector	5-107	Engineer's tweezers, made from steel, with bent tips, 150 mm, nickel-plated
2-701	Insertion tool with sensor, for connecting the wires and simultaneously cutting off the residual wire	5-117	Engineer's tweezers, made from steel, straight-flat-wide, 145 mm, nickel-plated
3-127-2	„Slimline“ side cutters, 115 mm, for soft wire only up to 1.0 mm, extremely slim head, box joint, compression spring, chrome-plated, with transparent insulation	5-122	Engineer's tweezers, made from steel, straight, with narrow pointed tips, 155 mm, nickel-plated
3-135-16	Side cutters, 175 mm, verchromt mit Abisolierfunktion für ein- und mehrWreige Leiter, 1,5 mm ² und 2,5 mm ² , mit zweifarbigen Handschutzhüllen	5-240	Warding files, 6-piece set, with wooden handles, in plastic wallet
3-235-16	Telephon pliers, 160 mm, chrome-plated, with bicoloured hand guard	5-505	Insulation stripping tool, with hookblade, for cable 4 - 28 mm Ø
3-532-16	Flat nose pliers, 160 mm, with long jaws, chrome-plated, with bicoloured hand guard	16-299	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 4.0 mm
3-574-6	Water pump pliers, 175 mm, made from chrome vanadium, red insulation	VDE	
3-732-16	Combination pliers, 160 mm, chrome-plated, with bicoloured hand guard	16-301	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 5.0 mm
3-0605	Combination crimping pliers, 200 mm, for connector types 6P/6C, 6P/4C, 6P/2C, 8P/8C	VDE	
4-370	Watchmaker's screwdrivers from metal, 6-piece set, in metal box, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5 mm	16-302	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 5.5
4-407	Retaining screwdriver, for inserting slotted screws, nickel-plated, blade 110 x 4.0 mm	VDE	
4-437	Retaining screwdriver, for inserting and tightening cross-recess screws size 1, nickel-plated, insulated, blade length 150 mm	6-320	Socket wrench-set, 1/4" square drive, chrome vanadium, chrome plated, 15-piece set in a metal case, 11 sockets from 4.0 - 13.0 mm, holder, universal joint, reversible ratchet, rigid extension
4-522	Electrician screwdriver with multi component handle, blade made from chrome vanadium, chrome plated, black tips 100 x 3.0 mm	6-500-12	Double open-ended wrench, 12 x 13 mm, chrome vanadium, chrome-plated
4-523	Electrician screwdriver with multi component handle, blade made from chrome vanadium, chrome plated, black tips, 100 x 4.0 mm	6-500-18	Double open-ended wrench, 18 x 19 mm, chrome-vanadium, chrome-plated
4-524	Electrician screwdriver with multi component handle, blade made from chrome vanadium, chrome plated, black tips 125 x 5,5 mm	6-600	Combination ring-and open-ended wrench, 7-piece set, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 13.0 mm, chrome vanadium, chrome-plated
4-532	Cross-recess screwdriver with multi component handle, blade made from chrome vanadium, chrome-plated, with black tip, blade length 60 mm, size 0	6-600-12	Open-ended wrench, CV, chrome-plated, 12 mm
4-533	Cross-recess screwdriver, as above, blade length 80 mm, size 1	6-600-17	Open-ended wrench, CV, chrome-plated, 17 mm
4-534	Cross-recess screwdriver, as above, blade length 100 mm, size 2	6-600-19	Open-ended wrench, CV, chrome-plated, 19 mm
4-535	Cross-recess screwdriver, as above, blade length 150 mm, size 3	6-820	Hexagon wrench, 8-piece set in a case, 1,5 - 2,0 - 2,5 - 3,0 4,0 - 5,0 - 5,5 to 6,0 mm
4-643	Screwdriver, with conductive handle, blade made from chrome vanadium, chrome-plated, 260 x 3.0 mm, with black tip	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
4-656	Cross-recess screwdriver, size 1, with conductive handle, blade made from chrome vanadium, chrome-plated, blade length 300 mm, with black tip	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
4-657	Cross-recess screwdriver, size 2, with conductive handle, blade made from chrome vanadium, chrome-plated, blade length 300 mm, with black tip	7-114	Engineer's hammer, 200 g
14-651	Screwdriver, with VDE safety insulation, blade 75 x 2.5 mm	7-425	Duster
VDE		7-429	Insulating tape
		7-506	Roller tape, 2 m
		7-616	Pocket saw, with adjustable wooden handle, in a wallet
		8-110	ERSA-fine soldering iron, Tip 260 BN/230 V/16 W
		8-385	ERSA OVAC desoldering pump
		8-407	Solder wire spool, 250 g, 0,8 mm Ø
		9-316/5	5 Chip-Container, conductive box with lid, black, internal dimensions: 118 x 32 x 14 mm



Outside dimensions: 490 x 410 x 190 mm

Weight without tool set: ca. 5.800 kg

Weight with tools : ca 12.900 kg

6600  **BERNSTEIN** TELECOM with tool set

6615  **BERNSTEIN** TELECOM without tool set

TELEDATA ELECTRONIC SERVICE CASE 6700

The case with a basic equipment of special tools for the installation and maintenance of complex telecommunication systems and data networks.

The unique design of this case caused by the compact shape and the structured surface guarantees a solution of highest sturdiness. The case body is made of X-ABS plastic which is covered by an extreme antislip and scratch-resistant lamination as an excellent protection against external influences. The ergonomic shaped handle together with the special hinges with topcase lock completes the picture of a high functional and modern tool case.

The removable tool trays made of ConPearl® with sewed pouches from imitation leather are sturdy, washable and exchangeable. The 60 mm high bottom plastic tray is divided by adjustable partitions.

Tool set 6700 consists of the following 80 tools:

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	14-682 VDE	Cross-recess screwdriver, size 1, with VDE safety insulation, blade length 80 mm
2-601	IC-tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's	14-683 VDE	Cross-recess screwdriver, size 2, with VDE safety insulation, blade length 100 mm
2-620	PLCC-extractor	14-684 VDE	Cross-recess screwdriver, size 3, with VDE safety insulation, blade length 150 mm
2-701	Insertion tool with sensor, for connecting the wires and simultaneously cutting off the residual wire	5-107	Engineer's tweezers, with bent tips, 150 mm, made from steel, nickel-plated
3-127-2	Side cutters, 115 mm, for soft wire up to 1.0 mm, with rounded head, double leaf spring, chrome-plated, with transparent insulation	5-117	Engineer's tweezers, straight-flat-wide, 145 mm, made from steel, nickel-plated
3-135-16	Side cutters, 175 mm, chrome-plated with stripping-prism for single-core and multi-core wire 1.5 mm ² and 2.5 mm ² , with bicoloured hand guard	5-240	Warding files, 6-piece set, with wooden handles, in plastic wallet
3-235-16	Telephone pliers, 160 mm, chrome-plated, with bicoloured hand guard	5-505	Insulation stripping tool, with hook blade, for cable diameter of 4 up to 28 mm
3-532-16	Flat nose pliers, 160 mm, with long jaws, chrome-plated, with bicoloured hand guard	16-299 VDE	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 4.0 mm
3-574-6	Water pump pliers, 175 mm, made from chrome vanadium, chrome-plated, with red insulation	16-301 VDE	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 5.0 mm
3-732-16	Combination pliers, 165 mm, chrome-plated, with bicoloured hand guard	16-302 VDE	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 5.5
3-0605	Combination crimping pliers, 200 mm, for connector types 6P/6C, 6P/4C, 6P/2C, 8P/8C	6-500-12	Double open-ended wrench, 12 x 13 mm, chrome vanadium, chrome-plated
4-431	Retaining screwdrivers, for inserting and tightening slotted screws, blade made from chrome vanadium, nickel-plated, insulated, blade 100x3.0mm,	6-500-18	Double open-ended wrench, 18 x 19 mm, chrome vanadium, chrome-plated
4-437	Retaining screwdriver, for inserting and tightening cross-recess screws size 1, blade made from chrome vanadium, nickel-plated, insulated	6-600	Combination ring- and open-ended wrench, 7-piece set, chrome vanadium, chrome-plated, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 13.0 mm
4-643	Screwdriver, with conductive handle, blade made from chrome vanadium, chrome-plated, 260 x 3.0 mm, with black tip	6-600-12	Combination ring- and open-ended wrench, 12 mm, chrome vanadium, chrome-plated
4-656	Cross-recess screwdriver, size 1, with conductive handle, blade made from chrome vanadium, chrome-plated, blade length 300 mm, with black tip	6-600-17	Combination ring- and open-ended wrench, 17 mm, chrome vanadium, chrome-plated
4-657	Cross-recess screwdriver, size 2, with conductive handle, blade made from chrome vanadium, chrome-plated, blade length 300 mm, with black tip	6-600-19	Combination ring- and open-ended wrench, 19 mm, chrome vanadium, chrome-plated
14-651 VDE	Screwdriver, blade 75 x 2.5 mm, with VDE safety insulation	6-820	Hexagon wrench keys, 8-piece set in a wallet, 1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 5.5 - 6.0 mm
14-652 VDE	Screwdriver, blade 100 x 3.5 mm, with VDE safety insulation	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
14-653 VDE	Screwdriver, blade 100 x 4.0 mm, with VDE safety 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
14-681 VDE	Cross-recess screwdriver, size 0, with VDE safety insulation, blade length 60 mm	7-425	Duster
		7-506	Roller tape measure, 2 m
		7-616	Pocket saw, with adjustable wooden handle, in a wallet
		9-316/5	5 Chip-Container, conductive box with lid, black, internal dimensions: 118 x 32 x 14 mm



Outside dimensions: 450 x 340 x 190 mm
Weight without tool set: ca. 4.600 kg
Weight with tools: ca. 8.700 kg

6700  **BERNSTEIN** TELEDATA with tool set

6715  **BERNSTEIN** TELEDATA without tool set

Outside dimensions: 450 x 340 x 200 mm
Weight without tool set: ca. 5.400 kg
Weight with tools: ca. 10.500 kg

6700 R  **BERNSTEIN** TROLLEY with tool set

6715 R  **BERNSTEIN** TROLLEY without tool set



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

The unique design of this case caused by the compact shape and the structured surface guarantees a solution of highest sturdiness. The case body is made of X-ABS plastic which is covered by an extreme antislip and scratch-resistant lamination as an excellent protection against external influences. The ergonomic shaped handle together with the special hinges with topcase lock completes the picture of a high functional and modern tool case.

The removable tool trays made of ConPearl® with sewed pouches from imitation leather are sturdy, washable and exchangeable. The 60 mm high bottom plastic tray is divided by adjustable partitions.

Tool set 6750 consists of the following 64 tools:

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	14-683 VDE	Cross-recess screwdriver, size 2, VDE safety insulation, blade length 100 mm
2-701	Insertion tool with sensor for connecting the wires and simultaneously cutting of the residual wire	14-684 VDE	Cross-recess screwdriver, size 3, VDE safety insulation, blade length 150 mm
3-127-2	Side cutters, 115 mm, for soft wire up to 1.0 mm, with rounded head, double leaf spring, chrome-plated, with transparent insulation	5-505	Insulation stripping tool, with hook blade, for cable Ø 4 - 28 mm
3-0611	Crimping pliers, for BNC- and TNC-coaxial connectors	5-515	Universal blade knife
13-906 VDE	Side cutters, 160 mm, for steel wire up to 1.6 mm Ø; chrome-plated, VDE safety insulation	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
13-915 VDE	Telephone pliers, 160 mm, chrome-plated, VDE safety insulation	5-535	Coax cable stripper for Coax cable Ø 4.8 - 7.5 mm
13-927 VDE	Flat nose pliers, 160 mm, with long jaws, chrome-plated, VDE safety insulation	16-299 VDE	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 4.0 mm
13-936 VDE	Combination pliers, 160 mm, chrome-plated, VDE safety insulation	16-301 VDE	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 5.0 mm
4-431	Retaining screwdriver, for inserting and tightening slotted screws, blade made for CV, burnished, insulated, blade 100 x 3.0 mm	16-302 VDE	Socket wrench, with VDE insulation, blade made from chrome vanadium, chrome plated A/F 5.5
4-437	Retaining screwdriver, for inserting and tightening cross-recess screws size 1, blade made for CV, burnished, insulated	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
14-651 VDE	Screwdriver, with VDE safety insulation, blade 75 x 2.5 mm	6-820	Hexagon wrench keys, 8-piece set in a wallet, 1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 5.5 - 6.0 mm
14-652 VDE	Screwdriver, with VDE safety insulation, blade 100 x 3.5 mm	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
14-653 VDE	Screwdriver, with VDE safety insulation, blade 100 x 4.0 mm	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
14-681 VDE	Cross-recess screwdriver, size 0, VDE safety insulation, blade length 60 mm	7-116	Engineer's hammer to DIN 1041, 300 g
14-682 VDE	Cross-recess screwdriver, size 1, VDE safety insulation, blade length 80 mm	7-425	Dust brush
		7-506	Roller tape measure, 2 m
		7-535	Spirit level, 225 mm long
		7-616	Pocket hack saw PUK, with adjustable handle in a wallet
		8-375	ERSA gas soldering iron, Independent 75
		8-385	ERSA desoldering pump OVAC X



Outside dimensions: 450 x 340 x 190 mm
 Weight without tool set: ca. 4.500 kg
 Weight with tools: ca. 8.800 kg

6750 **BERNSTEIN SECURITY** with tool set
6755 **BERNSTEIN SECURITY** without tool set

Outside dimensions: 450 x 340 x 200 mm
 Weight without tool set: ca. 6.300 kg
 Weight with tools: ca. 10.600 kg

6750 R **BERNSTEIN TROLLEY** with tool set
6755 R **BERNSTEIN TROLLEY** without tool set



COMPACT-MOBIL ELECTRONIC SERVICE CASE 7000

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



- 7000 **BERNSTEIN** COMPACT-MOBIL with tool set 7010, 7020 und 7030
- 7015 **BERNSTEIN** COMPACT-MOBIL without tool set
- 7100 **BERNSTEIN** COMPACT-MOBIL with tool set 7010, 7020 und 7060

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: No. 7010, 7020 and 7030. The trays contain 62 tools. On request the tray No. 7030 may be exchanged for No. 7060 (VDE-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

Weight without tool set: 8.000 kg

Weight with tools: 10.600 kg



No.	Description of individual tools
Tool tray No. 7010	
2-155	Claw-type gripper with 3 wire claws and clip
2-601	IC-tweezers, nickel-plated, 125 mm, for gripping, inserting and removing IC's
2-620	PLCC-extractor
2-655	Pocket inspection lite with fibre optic adaptor for close inspection of small, tight, hard-to-see areas
3-654-15	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
3-672-15	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
3-682-15	EUROline-flat nose pliers, 130 mm, extremely slim, box joint, double leaf spring, bright burnished, with bicoloured hand-guard
3-683-15	EUROline-snip nose pliers, 130 mm, extremely slim, box joint, double leaf spring, bright burnished, with bicoloured hand-guard
4-603	Screwdriver with conductive handle, blade from chrome vanadium, chrome-plated, 40 x 1.5 mm
4-605	Screwdriver with conductive handle, as above, 40 x 2,0 mm
4-606	Screwdriver with conductive handle, as above, 50 x 2,5 mm
4-607	Slotted screwdriver as above, 50 x 3.0 mm
4-608	Slotted screwdriver as above, 60 x 3.5 mm
4-621	Cross-recess screwdriver, as above, size 000
4-622	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 00
4-623	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 0
4-624	Cross-recess screwdriver, as above, size 1
5-049	Watchmaker's tweezers, 110 mm, stainless, sharply-pointed
5-107	Engineer's tweezers, made from steel, with bent tips, 150 mm, nickel-plated
5-115	Heat dissipating tweezers, 165 mm, nickel-plated, for use when soldering transistors, gold-bonded diodes etc.
5-117	Engineer's tweezers, straight-flat-wide, 145 mm, nickel-plated
5-191	ESD tweezers, 120 mm, conductive, with straight, rounded tips
5-194	ESD tweezers, 120 mm, conductive, with bent, pointed tips
Tool tray No. 7020	
1-735	Adjusting screwdriver handle, double-ended, for blades with 3 mm Ø
1-738	Special hard plastic bit, blade Ø 3 mm, tip 1.5 x 0.5 mm
1-739	Special hard plastic bit, blade Ø 3 mm, tip 3.0 x 0.5 mm
1-909	Engineer's mirror, with handle, made entirely from BERNSTEINIT
2-126	Desoldering lever, slotted at one end, with plastic handle
2-127	Tin knife, with plastic handle, 115 mm
2-132	Spring hook, nickel-plated and insulated, 175 mm
2-161	Magnetic bar with double ball- and socket joint, slewable, 215 mm

No.	Description of individual tools
2-166	Contact cleaner, made from glass fibre, 115 mm
2-265	2 Test prods, red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire, 155 mm
2-295	Hand magnifier with light
3-565	Water pump pliers, 130 mm, chrome-plated
4-351	Offset screwdriver, chrome vanadium, nickel-plated, 100 x 5 mm
4-407	Retaining screwdriver, 110 x 4 mm
4-522	Electrician screwdriver with multi-component handle chrome-plated, with black tip, 100 x 3.0 mm
4-523	Screwdriver with multi-component handle, chrome-plated, with black tip 100 x 4.0 mm
4-542	Cross-recess Screwdriver with multi-component handle chrome-plated, with black tip, Pozidriv, size 0
4-543	Cross-recess Screwdriver, as above, Pozidriv, size 1
5-161	Clamping scissors, 130 mm, stainless
5-301	Special scissors for cutting sheet-metal and wires, with serration, extremely slim, 110 mm, nickel-plated
6-771	Adjustable wrench, jaw opening 0 - 12 mm, total length 100 mm
6-984 L	TORX-Screwdriver, with multi-component handle chrome-plated, with black tip, size T 9 with hole
6-985 L	TORX-Screwdriver, with multi component handle, blade made from chrome vanadium, chrome-plated, black tip, size T 10 with hole
6-986 L	TORX-Screwdriver, as above, size T 15 with hole
7-425	Dust brush
Tool tray No. 7030	
3-133-16	Side cutters, 145 mm, für harden Wire bis 1.25 mm Ø, für soften Wire bis 2,5 mm Ø, verchromt, mit zweifarbigen Handschutzhüllen
3-235-16	Telephone pliers, 160 mm, chrome-plated, with bicoloured hand guard
3-732-16	Combination pliers, 165 mm, chrome-plated, with bicoloured hand guard
4-344 VDE	Voltage tester, for 220 - 250 V, blade 100 x 3.5 mm
4-504	Workshop screwdriver with multi component handle, blade made from chrome vanadium, chrome-plated, with black tip, 100 x 5.5 mm
4-506	Screwdriver, as above, blade 125 x 6.5 mm
4-508	Screwdriver, as above, blade 150 x 8.0 mm
4-533	Cross-recess screwdriver, as above, blade length 80 mm, size 1
4-534	Cross-recess screwdriver, as above, blade length 100 mm, size 2
5-0605	Universal stripping tool
6-105	Socket wrench, with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 5.5 mm A/F
6-107	Socket wrench, as above, 7.0 mm A/F

COMPACT-MOBIL ELECTRICIAN'S SERVICE CASE 7200

The multi-purpose trolley case for the assembly and maintenance of electric devices



This tool case is also equipped with 3 removable tool trays: No. 7030, 7040 and 7050. The trays contain all together 31 tools.

On request the tray No. 7030 may be exchanged for No. 7060 (VDE-tools).

No.	Description of individual tools	No.	Description of individual tools
Tool tray No. 7030			
3-133-16	Side cutters, 145 mm, für harden Wire bis 1,25 mm Ø, für soften Wire bis 2,5 mm Ø, verchromt, mit zweifarbigen Handschutzhüllen	5-107-6	Steel tweezers, bent, nickel-plated, safety-insulated, 150 mm
3-235-16	Telephon pliers, 160 mm, chrome-plated, with bicoloured hand guard	5-117-6	Steel tweezers, straight-flat-wide, safety-insulated, 145 mm
3-732-16	Combination pliers, 160 mm, chrome-plated, with bicoloured hand guard	5-505	Insulation stripping tool, with hook blade, for cable 4 - 28 mm Ø
4-506	Screwdriver, as above, blade 125 x 6.5 mm	7-114	Engineer's hammer, 200 g
4-508	Screwdriver, as above, blade 150 x 8.0 mm	7-202	Firmer chisel, blade width 16 mm
4-533	Cross-recess screwdriver, as above, blade length 80 mm, size 1	7-235	Flat chisel, 200 x 16 x 22 mm, chrome vanadium
4-534	Cross-recess screwdriver, as above, blade length 100 mm, size 2	7-255	Electrician's chisel, 200 x 8 x 10 mm, chrome vanadium
4-344 VDE	Voltage tester, for 220 - 250 V, blade 100 x 3.5 mm	7-316	Punch, 6 mm Ø, with plastic handle
5-0605	Universal stripping tool	7-502	Folding rule, 2 m
6-105	Socket wrench, with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 5.5 mm A/F	7-616	Pocket saw „PUK“ with adjustable wooden handle, in a wallet
6-107	Socket wrench, as above, 7.0 mm A/F	Tool tray No. 7060 VDE, alternativ to 7030	
Tool tray No. 7040			
3-575-6	Water pump pliers, 240 mm, chrome-plated, with insulation	13-906 VDE	Side cutters, 160 mm, for steel wire up to 1.6 mm Ø, chrome plated, with VDE safety insulation
3-815-16	Wire strippers, 155 mm, chrome-plated, with bicoloured hand guard	13-915 VDE	Telephone pliers, 160 mm, oval-pointed, long, straight jaws, with cutting edge for hard wire, chrome plated, with VDE safety insulation
4-543	Cross-recess Screwdriver with multi-component handle chrome-plated, with black tip, Pozidriv, size 1	13-936 VDE	Combination pliers, 160 mm, with wire cutter, for hard wire up to 1.6 mm Ø, chrome plated, with VDE safety insulation
4-544	Cross-recess Screwdriver, as above, Pozidriv, size 2	4-344 VDE	Voltage Tester, 220 to 250 volts, blade 100 x 3.5 mm
5-304	Combination cutters, 190 mm, stainless	14-652 VDE	Screwdriver, with VDE safety insulation, blade 100 x 3.5 mm
5-309	Cable stripping shears, 190 mm, stainless, with plastic handles	14-654 VDE	Screwdriver, with VDE safety insulation, blade 125 x 5.5 mm
5-501	Cable knife	14-656 VDE	Screwdriver, with VDE safety insulation, blade 150 x 6.5 mm
7-410	Slicker trowel with round shank, blade width 16 mm	14-682 VDE	Cross-recess screwdriver, size 1, with VDE safety insulation, blade length 80 mm
7-535	Spirit level, length 220 mm, with 3 levels: horizontal, vertical and 45° angle	14-683 VDE	Cross-recess screwdriver, size 2, with VDE safety 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



Outside dimensions: 500 x 400 x 200 mm Weight without tools: ca. 7.900 kg

Weight with tools 7200: ca. 11.500 kg
Weight with tools 7300: ca. 11.600 kg

- 7200** **BERNSTEIN** **COMPACT-MOBIL** with tool set 7030, 7040 und 7050
- 7215** **BERNSTEIN** **COMPACT-MOBIL** without tool set
- 7300** **BERNSTEIN** **COMPACT-MOBIL** with tool set 7040, 7050 und 7060

ELECTRONIC SERVICE CASE EPA 6900

the service case made from conductive material for maintenance and installation tasks in ESD protected areas with a full assortment of special ESD-tools. For use at electrostatically endangered components and plants.

6900  **BERNSTEIN** EPA with tool set

6915  **BERNSTEIN** EPA without tool set

Description

The body of the case, the tool trays as well as the bottom tray with adjustable partitions are made from conductive material according to DIN EN IEC Norm 10 00 15 part 5. The tools of this set have been tested with good results by several testing laboratories adequate to DIN EN 61340-5-1, 61340-2-1, 61340-2-3 for work in ESD protected areas. The sturdy shells are pressed with the stable double aluminium frame. 32 tools are clearly arranged on two tool trays, one of it on both sides. The lid of the case has a pocket for documentations etc. The bottom tray allows with its partitions a clear arrangement of additional tools and instruments. The case has two locks.

Outside dimensions: 500 x 370 x 210 mm

Weight without tool set: 5.800 kg

Weight with tools: 7.100 kg

No.	Description of individual tools	No.	Description of individual tools
2-101	Tin knife with ceramic blade, 115 mm	4-633	Slotted screwdriver with dissipative special-square pattern handle, blade from chrome vanadium, chrome-plated, 125 x 5.5 mm
2-265	2 Test prods, red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire	4-662	Cross-recess screwdriver Pozidriv size 1, with dissipative special-square pattern handle, blade from chrome vanadium, chrome-plated, blade length 80 mm
2-620	PLCC extractor	4-663	Cross-recess screwdriver Pozidriv size 2, with dissipative special-square pattern handle, blade from chrome vanadium, chrome-plated, blade length 100 mm
3-133-13	Side cutters, 145 mm, for soft wire up to 2.5 mm Ø, for hard wire up to 1.25 mm Ø, chrome-plated, dissipative black hand guard	5-191	Tweezers, made from conductive and acid-resistant black plastic material, reinforced with glass fibre, 120 mm, with straight, rounded tips
3-245-13	Telephone pliers, 200 mm, snipe nose, with cutting edge for hard wire, chrome-plated, dissipative black hand guard	5-192	Tweezers, made from conductive and acid-resistant black plastic material, reinforced with glass fibre, 120 mm, with straight, 3 mm flat-hand tips
3-654-15	Side cutters EUROline, 125 mm, semi flush, for soft wire up to 1.5 mm Ø, for hard wire up to 0.4 mm Ø, slim rounded head, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	5-194	Tweezers, made from conductive and acid-resistant black plastic material, reinforced with glass fibre, 120 mm, with bent, pointed tips
3-671-15	End cutters EUROline, 130 mm, flush, for soft wire up to 0.8 mm Ø, extremely slim, straight, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	6-612	Socket wrench with dissipative handle, blade from chrome vanadium, nickel-plated, A/F 2.0 mm
3-682-15	Flat nose pliers EUROline, 130 mm, extremely slim, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	6-617	Socket wrench with dissipative handle, blade from chrome vanadium, nickel-plated, A/F 4.0 mm
3-732-13	Combination pliers, 165 mm, chrome-plated, dissipative black hand guard	6-621	Socket wrench with dissipative handle, blade from chrome vanadium, nickel-plated, A/F 5.5 mm
4-603	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 1.5 mm	6-659	TORX-screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, T 4
4-605	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 2.0 mm	6-661	TORX-screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, T 5
4-606	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 50 x 2.5 mm	6-662	TORX-screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, T 6
4-621	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 000	6-663 L	TORX-screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, T 7, with hole
4-622	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 00	6-665 L	TORX-screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, T 9, with hole
4-623	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 0	7-422	ESD brush, bristles width 20 mm
4-632	Slotted screwdriver with dissipative special-square pattern handle, blade from chrome vanadium, chrome-plated, 100 x 4.0 mm		



ESD PROFI-SET TRENDY 2280 AND 2285

the professional kit for ESD-Specialists for local and mobile use



Outside dimensions: 350 x 310 x 65 mm (closed)

ESD TOOL SERVICE-SETS

ESD Tool Sets for various operations in ESD areas, in handy cases from conductive material.

The tools are clearly arranged in accurate-sized cutouts in conductive hardfoam.



2230 Outside dimensions: 250 x 210 x 60 mm (closed)




2210 Outside dimensions: 178 x 160 x 42 mm (closed)

2280  ESD Profi-Set **TRENDY** with 18 tools and ESD-Handling Set **Weight:** 1.650 kg

2285  ESD Profi-Set **TRENDY** with 18 tools **Weight:** 1.500 kg

Selected ESD-tools in handy plastic case made from conductive material. The tools are clearly arranged in accurate-sized cutouts in conductive hardfoam.

No.	Description of individual tools	No.	Description of individual tools
2-620	PLCC extractor	4-622	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 00
3-133-13	Side cutters, 145 mm, for soft wire up to 2.5 mm Ø, for hard wire up to 1.25 mm Ø, chrome-plated, conductive black hand guard	4-623	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 0
3-651-15	Mini side cutters EUROline, 120 mm, without sideface, for soft wire up to 1.5 mm Ø, medium hard wire up to 0.8 mm Ø, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	5-049-13	SMD-tweezers, 110 mm, straight, very sharply pointed, ESD-coating
3-682-15	Flat nose pliers EUROline, 130 mm, finish as above	5-055-13	SMD-tweezers, 120 mm, sickle-shaped, very sharply pointed, ESD-coating
3-683-15	Snipe nose pliers EUROline, 130 mm, short jaws, finish as above	6-661	TORX screwdriver, with dissipative handle, blade made from chrome vanadium, chrome-plated, T 5
4-603	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 1,5 mm	6-662	TORX screwdriver, with dissipative handle, blade made from chrome vanadium, chrome-plated, T 6
4-605	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 2,0 mm	6-663 L	TORX screwdriver, with dissipative handle, blade made from chrome vanadium, chrome-plated, T 7 with hole
4-606	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 50 x 2.5 mm	7-422	ESD brush, bristles width 20 mm
4-621	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 000	9-354	ESD handling set (only in set 2280), consisting of: foldable, green workbench pad (surface resistance according to DIN 53482: approx. 10 ⁸ ohm), 500 x 400 x 0.35 mm, contact bracelet with spiral cord, earth wire 2500 mm long with 1 Mohm safety resistor including crocodile clip

2230  ESD Tool-Set **ELITE** with 20 tools **Weight:** 0.870 kg

No.	Description of individual tools	No.	Description of individual tools
3-651-15	Mini side cutters EUROline, 120 mm, flush, for soft wire up to 1.5 mm Ø and medium hard wire up to 0.8 mm Ø, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	4-911	Hex cross-recess blade PH 000 / PH 00, matt chrome-plated, black tip
3-672-15	End cutters EUROline, 130 mm, flush, for soft wire up to 0.8 mm Ø and medium hard wire up to 0.6 mm Ø, cutting edge 20° angular, finish as above	4-912	Hex cross-recess blade PH 0 / PH 1, matt chrome-plated, black tip
3-682-15	Flat nose pliers EUROline, 130 mm, finish as above	4-921	Hex cross-recess blade TORX T 5 / T 6, matt chrome-plated, black tip
3-683-15	Snipe nose pliers EUROline, 130 mm, short jaws, finish as above	4-922 L	Hex cross-recess blade TORX T 7 / T 8, with hole, matt chrome plated, black tip
4-901	ESD-handle from dissipative material, with brass clamping sleeve for following reversible blades:	4-923 L	Hex cross-recess blade TORX T 9 / T 10, with hole, matt chrome plated, black tip
4-905	Hex blade slotted 1.5 / 3.0 mm, matt chrome-plated, black tip	5-049-13	SMD-tweezers, 110 mm, straight, very sharply pointed, with ESD-coating
4-906	Hex blade slotted 2.0 / 3.5 mm, matt chrome-plated, black tip	5-055-13	SMD-tweezers, 120 mm, sickle-shaped, very sharply pointed, as above
4-907	Hex blade slotted 2.5 / 4.0 mm, matt chrome-plated, black tip	5-059-13	SMD-tweezers, 120 mm, flat, rounded tips, 2.0 mm width, as above
		5-067-13	SMD-tweezers, 120 mm, tip 45° angled, 2.0 mm width, as above
		5-068-13	SMD-tweezers, 120 mm, tip angled, 1.6 mm width, as above
		5-078-13	SMD-tweezers, 130 mm, tapering, chisel, 1.0 mm width, as above
		7-422	ESD-brush, bristles width 20 mm

2210  ESD-SERVICE-SET **PRECISE** with 6 tools **Weight:** 0.390 kg

No.	Description of individual tools	No.	Description of individual tools
3-653-15	Mini side cutters EUROline with very slim, pointed head and special flat cutting edge, 120 mm, without side face, for soft wire up to 1.5 mm and medium hard wire up to 0.8 mm Ø, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	5-062-13	SMD-tweezers, 115 mm, 35° angled, 2.0 mm width, with gripping cavity Ø 0.8 mm, with ESD-coating
5-055-13	SMD-tweezers, 120 mm, sickle-shaped, very sharply pointed with ESD-coating	5-065-13	SMD-tweezers, 120 mm, straight, 3 mm width, with gripping cavity Ø 0.8 mm, with ESD-coating
		5-066-13	SMD-tweezers, 120 mm, 30° angled, 2.5 mm width, with ESD-coating
		5-068-13	SMD-tweezers, 120 mm, tip angled, 1.6 mm width, with ESD-coating

ELECTRONIC SERVICE TOOL-SETS

special service sets for the maintenance and repairing of mobile phones and other high sensitive IT-Instrument.

The tools are clearly arranged in cases made from dissipative black imitation leather, with zip fastener.

2251 Case with zip fastener, without tools, Outside dimensions: 190 x 135 x 35 mm (when closed)



CARAT
Outside dimensions: 190 x 135 x 35 mm (closed)



ACCENT
Outside dimensions: 190 x 135 x 35 mm (closed)



EUROline
Outside dimensions: 190 x 135 x 35 mm (closed)

2250 **BERNSTEIN** CARAT

9-piece set dissipative tools from the series EUROline to meet highest quality standards.

Weight: 0.360 kg

No.	Description of individual tools	No.	Description of individual tools
3-672-15	End cutters EUROline, 130 mm, for soft wire up to 0.8 mm Ø cutting edge 20° angular, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	4-621	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 000
3-683-15	Snipe nose pliers EUROline, 130 mm, plain jaws, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard	4-623	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 0
4-603	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 1.5 mm	5-191	Tweezers, made from conductive and acid-resistant black plastic material, reinforced with glassfibre, 120 mm, with straight, rounded tips
4-605	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 2.0 mm	6-661	TORX screwdriver, with dissipative handle, blade made from chrome vanadium, chrome-plated, T 5
		6-663 L	TORX-screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, T 7 with hole

2270 **BERNSTEIN** ACCENT

9-piece set dissipative tools with bright steel polished pliers

Weight: 0.360 kg

No.	Description of individual tools
3-601-15	Side cutters, 120 mm, semi flush, for soft wire up to 1.5 mm Ø, hard wire up to 0.4 mm Ø, bright steel-polished, box joint, double leaf spring with dissipative bicoloured hand guard
3-633-15	Snipe nose pliers, 120 mm, plain jaws, bright steel-polished, box joint, double leaf spring with dissipative bicoloured hand guard
4-603	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 1.5 mm
4-605	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 2.0 mm
4-621	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 000
4-623	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 0
5-191	Tweezers, made from conductive and acid-resistant black plastic material, reinforced with glass fibre, 120 mm, with straight, rounded tips
6-661	TORX-screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, T5
6-663 L	TORX-screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, T7 with hole

3-680 **BERNSTEIN** EUROline Pliers-Set

4-piece set dissipative pliers from the series EUROline

Weight: 0.390 kg

No.	Description of individual tools
3-651-15	Mini side cutters EUROline, 120 mm, flush, for soft wire up to 1.5 mm Ø, medium hard wire up to 0.8 mm Ø, box joint, double leaf spring, fine polished and bright burnished, dissipative bicoloured hand guard
3-672-15	End cutters EUROline, 130 mm, flush, for soft wire up to 0.8 mm Ø and medium hard wire up to 0.6 mm Ø, cutting edge 20° angular, finish as above
3-682-15	Flat nose pliers EUROline, 130 mm, finish as above
3-683-15	Snipe nose pliers EUROline, 130 mm, short jaws, finish as above

ELECTRONIC-SERVICE TOOL SETS

the tool sets for mobile use at electrostatically endangered components



Outside dimensions: 320 x 250 x 50 mm (closed)



Outside dimensions: 330 x 240 x 20 mm (closed)

2220 SERVICE-SET ANTISTATIC

Elegant zipper case, made from dissipative black imitation leather and dissipative pockets for 12 ESD-tools and foldable ESD-workbench pad with accessories.

Weight: 0.950 kg

2221 Zipper case without tools

Gewicht mit Werkzeugen: 0.950 kg

No.	Description of individual tools	No.	Description of individual tools
2-620	PLCC-extractor	4-621	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 000
3-601-15	Side cutters, 120 mm, for soft wire up to 1.5 mm Ø and hard wire up to 0.4 mm Ø, bright steel-polished, box joint, double leaf spring, with dissipative bicoloured hand guard	4-622	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 00
3-632-15	Flat nose pliers, 120 mm, as above	4-623	Cross-recess screwdriver, with dissipative handle, blade from chrome vanadium, chrome-plated, size 0
3-633-15	Snipe nose pliers, 120 mm, as above	5-191	Tweezers, made from conductive plastic material, reinforced with glass fibre, 120 mm, with straight, rounded tips
4-603	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 1.5 mm	5-192	Tweezers, made from conductive plastic material, reinforced with glass fibre, 120 mm, with straight, 3 mm flat-hand tips
4-605	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 40 x 2.0 mm	9-354	ESD-handling-set, consisting of: foldable green workbench pad (surface resistance according to DIN 53482: approx. 10 ⁸ ohm), 500 x 400 x 0.35 mm, contact bracelet 9-342, earth wire 2500 mm long with 1 Mohm safety resistor
4-606	Slotted screwdriver with dissipative handle, blade from chrome vanadium, chrome-plated, 50 x 2.5 mm		

2300 SERVICE-SET ESD

The green tool folder serves as an electrical dissipative workbench pad of 680 x 680 x 0.35 mm. The surface resistance according to DIN 53482 is approx. 10⁸ ohm. The workbench pad has 3 press-stud receptacles for connecting the contact bracelet and the earth wire. With 2 additional press-buttons the pad may be closed as tool bag. The 2 patch pockets carry the contact bracelet and the earth wire. Furthermore 16 dissipative tools are placed in pockets, ready to hand.

Weight with tools: 0.850 kg

No.	Description of individual tools	No.	Description of individual tools
2-166	Glass fibre contact cleaner, with rotary mechanism, plastic casing	5-191	Tweezers made from conductive, black plastic material, reinforced with glass fibre, 120 mm, with rounded tips
2-620	PLCC-extractor	5-194	Tweezers made from conductive, black plastic material, reinforced with glass fibre, 120 mm with bent, pointed tips
3-601-15	Side cutters, 120 mm, for soft wire up to 1.5 mm Ø and hard wire up to 0.4 mm Ø, bright steel-polished, box joint, double leaf spring, dissipative bicoloured hand guard	6-616	Socket wrench with dissipative handle, blade made from chrome vanadium, nickel-plated, A/F 3.5 mm
3-633-15	Snipe nose pliers, 120 mm, as above	6-661	TORX screwdriver, as above, T5
4-603	Slotted screwdriver with dissipative handle, blade made from chrome vanadium, chrome-plated, 40 x 1.5 mm	6-664 L	TORX screwdriver, as above, T8 with hole
4-605	Slotted screwdriver, as above, 40 x 2.0 mm	6-666 L	TORX screwdriver, as above, T10 with hole
4-606	Slotted screwdriver, as above, 50 x 2.5 mm	9-342	Contact bracelet cloth armband, allergy-free, edges and surface insulating, spiral cord, 1 Mohm safety resistor, combined press-stud and terminal connection, to DIN EN 100 015/1
4-621	Cross-recess screwdriver, as above, size 000	9-346	Earth wire with 1 Mohm safety resistor, 2500 mm long, with terminal connection resp. press-stud, for connecting workbench pad and floor cover and connection to an earth potential
4-622	Cross-recess screwdriver, as above, size 00		
4-623	Cross-recess screwdriver, as above, size 0		

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		
16-441 VDE	Socket, 10 mm A/F, chrome vanadium, two-colour multilayered insulation, with 1/2" square drive	13-106 VDE	Side cutters for piano wire, 165 mm, chrome-plated, with two-colour multilayered insulation
16-442 VDE	Socket, as above, 11 mm A/F	13-207 VDE	Telephone pliers, straight, 210 mm, chrome-plated, with two-colour multilayered insulation
16-443 VDE	Socket, as above, 12 mm A/F	13-707 VDE	Combination pliers, 185 mm, chrome-plated, with two-colour multilayered insulation
16-444 VDE	Socket, as above, 13 mm A/F	13-806 VDE	Wire strippers, 165 mm, chrome-plated, with two-colour multilayered insulation
16-445 VDE	Socket, as above, 14 mm A/F	14-651 VDE	Screwdriver, VDE safety insulated, blade 75 x 2.5 mm
16-447 VDE	Socket, as above, 17 mm A/F	14-652 VDE	Screwdriver, VDE safety insulated, blade 100 x 3.5 mm
16-448 VDE	Socket, as above, 19 mm A/F	14-654 VDE	Screwdriver, VDE safety insulated, blade 125 x 5.5 mm
16-475 VDE	T-bar, 1/2" square drive, 200 mm, with two-colour multilayered insulation	14-656 VDE	Screwdriver, VDE safety insulated, blade 150 x 6.5 mm
16-505 VDE	Single-ended open-jaw wrench, 10 mm A/F, chrome vanadium with two-colour multilayered insulation	14-682 VDE	Cross-recess screwdriver, VDE safety insulated, size 1
16-506 VDE	Single-ended open-jaw wrench, as above, 11 mm A/F	14-683 VDE	Cross-recess screwdriver, VDE safety 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



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

8160 VDE  **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

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 mm ²	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



