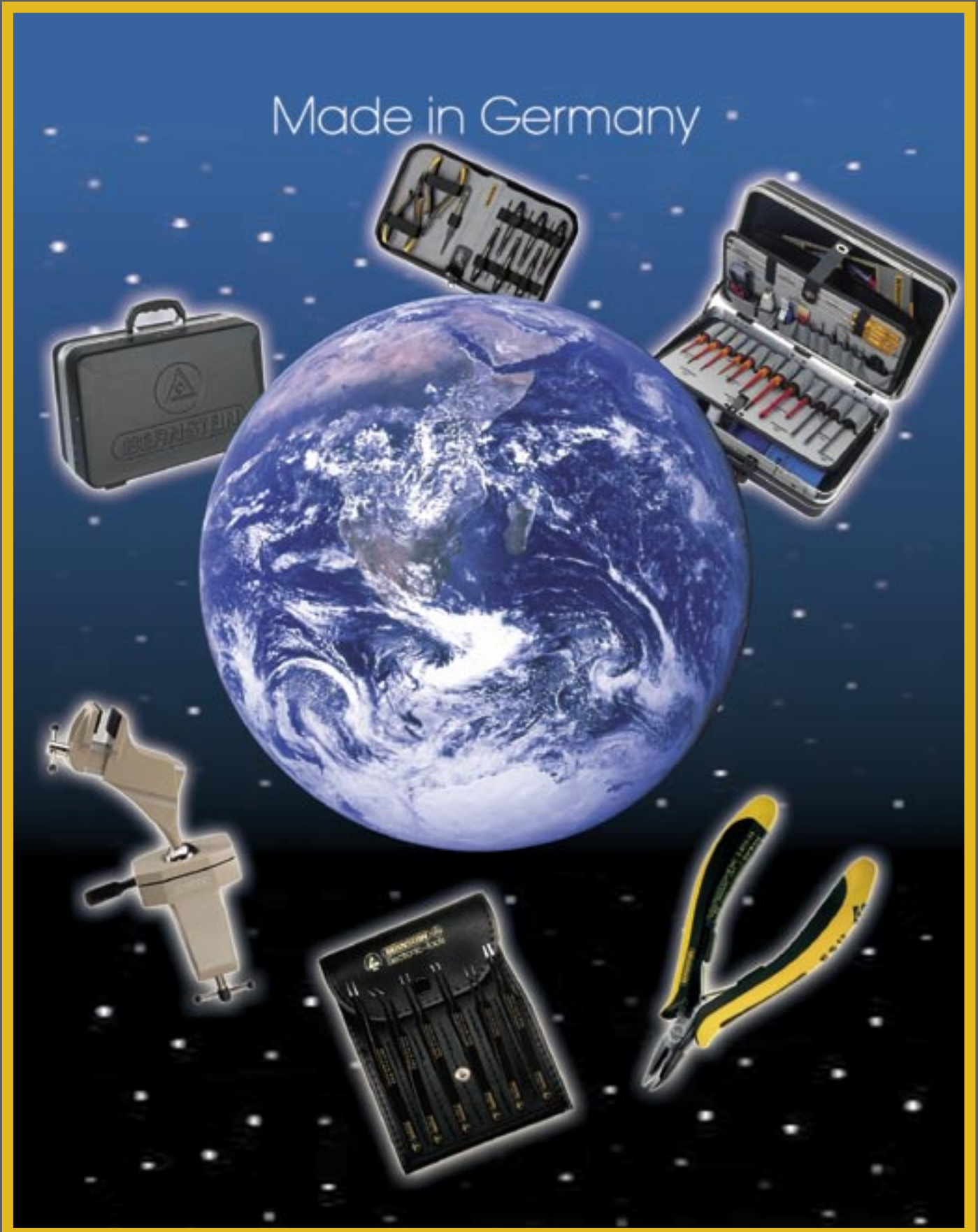


BERNSTEIN 

Electronic-Tools

Made in Germany



HANDY 1500 ELECTRONIC SERVICE CASE

The small and very handy service case with big space inside



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

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

Description:

Case-body made from deep-drawn, impact-resistant, grained black plastic shells, pressed on a stable alu-frame, dustproof and rainproof, acid- and scratch-resistant. It has loops at the sides for attaching a shoulder strap.

Fixed by stretch-ribbons, 41 special tools are clearly arranged on two swivel-tool-trays. A special pocket in the case-lid offers a lot of space for documents, pencils etc.. The bottom contains a stable plastic insert of 75 mm depth for spare parts, measuring instruments and soldering irons. 4 adjustable partitions allow a flexible division. For security purposes the case is equipped with 2 key-locks.

Outside dimensions: 340 x 360 x 180 mm

Weight without tools: approx. 3.300 kg

Weight with tools: approx. 4.300 kg

Tool set:

| No. | Description of individual tools |
|---------|---|
| 1-152 | Adjusting screwdriver , blade 40 x 4 mm |
| 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 |
| 2-166 | Contact cleaner , made from glass fibre |
| 2-265 | 2 Test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire |
| 2-275 | Repair mirror , 21 mm Ø |
| 2-601 | IC tweezers , nickel-plated, 125 mm, for gripping, inserting and removing IC's |
| 2-620 | PLCC extractor , for easy removal of plug-in PLCC's |
| 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 |
| 3-131-1 | Side cutters , 120 mm, chrome-plated, for hard wire up to 0.8 mm, for soft wire up to 1.5 mm, with BERNSTEINIT insulation |
| 3-445-2 | Micro flat nose pliers , 120 mm, extremely slim, box joint, chrome-plated, with transparent insulation |
| 3-481-2 | Snipe nose pliers , 120 mm, angular, box joint, compression spring, chrome-plated, with transparent insulation |
| 4-142 | Screwdriver , with special square pattern BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, with black tip, 100 x 4 mm |
| 4-271 | Cross-recess screwdriver , Supadriv/Pozidriv, size 0, with special square pattern BERNSTEIN handle, blade made from chrome vanadium, nickel-plated, with black tip |
| 4-272 | Cross-recess screwdriver , Supadriv/Pozidriv, size 1, with special square pattern BERNSTEIN handle, blade made from chrome vanadium, nickel-plated, with black tip |

| No. | Description of individual tools |
|-----------|--|
| 4-301 | Miniature screwdriver , with plastic handle, blade nickel-plated 40 x 1.8 mm |
| 4-311 | Screwdriver for headless screws , with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm |
| 4-343 VDE | Voltage tester , blade 60 x 3 mm |
| 4-366 | Cross-recess watchmaker's screwdriver , size 00 |
| 4-391 | Watchmaker's screwdriver , nickel-plated, with 4 interchangeable blades, 1.5, 2.0, 2.5 and 3.0 mm |
| 4-407 | Retaining screwdriver , 110 x 4 mm |
| 4-775 | Plastic handle , 6 mm, for socket wrenches |
| 5-006 | Component tweezers , nickel-plated, with insulated jaws, for easy insertion and removal of plug-in transistors of various sizes |
| 5-107 | Engineer's tweezers made from steel, with bent tips, 150 mm, nickel-plated |
| 5-181 | Wire scraper , for wires 0.6 mm Ø, interchangeable cutter |
| 5-301 | Special scissors , for cutting sheet-metal and wires, with serrations, extremely slim, 110 mm, nickel-plated |
| 5-515 | Universal blade knife , with adjustable blade |
| 6-202 | Socket wrench , C.V. nickel-plated, 5.5 mm A/F, without handle |
| 6-204 | Socket wrench , C.V. nickel-plated, 7.0 mm A/F, without handle |
| 6-771 | Adjustable wrench , jaws opening 0 - 12 mm, total length 100 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 |
| 7-425 | Dust brush |

ELECTRONIC SERVICE—CASE SECURITY 6750

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



6750 **BERNSTEIN SECURITY** with tool set

6755 **BERNSTEIN SECURITY** without tool set

Description:

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

Outside dimensions: 470 x 340 x 170 mm

Weight without tools: ca. 4.600 kg

Weight with tools: ca. 8.400 kg

Tool set:

| No. | Description of individual tools |
|------------|---|
| 2-265 | 2 Test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire |
| 2-701 | Insertion tool with sensor for connecting the wires and simultaneously cutting of the residual wire |
| 2-705 | Contactless voltage detector VOLTtester |
| 3-112-2 | Side cutters , 120 mm, for soft wire up to 1.0 mm Ø; with rounded head, without side face, double leaf spring, chrome-plated, with dip insulation |
| 3-0611 | Crimping pliers , for BNC- and TNC-coaxial connectors |
| 13-906 VDE | VDE Side cutters , 160 mm, for steel wire up to 1.6 mm Ø; chrome-plated, VDE safty insulation |
| 13-915 VDE | Telephone pliers , 160 mm, chrome-plated, VDE safty insulation |
| 13-927 VDE | Flat nose pliers , 160 mm, with long jaws, chrome-plated, VDE safty insulation |
| 13-936 VDE | Combination pliers , 160 mm, chrome-plated, VDE safty insulation |
| 4-431 | Retaining screwdriver , for inserting and tightening slotted screws, blade made for CV, burnished, insulated, blade 100 x 3.0 mm |
| 4-437 | Retaining screwdriver , for inserting and tightening cross-recess screws size 1, blade made for CV, burnished, insulated |
| 14-651 VDE | Screwdriver , with VDE insulation, blade 75 x 2.5 mm |
| 14-652 VDE | Screwdriver , with VDE insulation, blade 100 x 3.5 mm |
| 14-653 VDE | Screwdriver , with VDE insulation, blade 100 x 4.0 mm |
| 14-681 VDE | Cross-recess screwdriver , size 0, VDE, blade length 60 mm |
| 14-682 VDE | Cross-recess screwdriver , size 1, VDE, blade length 80 mm |
| 14-683 VDE | Cross-recess screwdriver , size 2, VDE, blade length 100 mm |
| 14-684 VDE | Cross-recess screwdriver , size 3, VDE, blade length 150 mm |
| 5-505 | Insulation stripping tool , with hook blade, for cable Ø 4 - 28 mm |
| 5-515 | Universal blade knife |
| 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 |

| No. | Description of individual tools |
|-------|--|
| 5-535 | Coax cable stripper for Coax cable Ø 4.8 - 7.5 mm |
| 6-103 | Socket wrench , with special BERNSTEIN square handle, blade made from CV, chrome-plated, SW 4,5 mm |
| 6-104 | Socket wrench , as above, AF 5.0 mm |
| 6-105 | Socket wrench , as above, AF 5.5 mm |
| 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 |
| 6-880 | Hexagon wrench keys , 8-piece set in a wallet, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" |
| 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 |
| 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 |
| 7-116 | Engineer's hammer to DIN 1041, 300 g |
| 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 |

To complete the set we recommend:

| | |
|-------|--|
| 2270 | Service Set ACCENT , 9-piece set with ESD tools |
| 4-222 | Screwdriver , blade 260 x 3.0 mm |
| 4-227 | Cross-recess screwdriver , size 1, blade length 300 mm |
| 4-228 | Cross-recess screwdriver , size 2, blade length 300 mm |
| 4-920 | Interchangeable screwdriver set with ESD-handle, 9-piece, Slot 1.5/3.0 mm, 2.0/3.5 mm und 2.5/4.0 mm, KS Gr. 000/00, 0/1, TORX T 5/T 6, T 7/L/T 8L, T 9/L/T 10L, ("L" with bore hole) |

TECHNIK ELECTRONIC SERVICE CASE

Service case with a comprehensive tool kit for data systems engineering

- 6400 **BERNSTEIN** **TECHNIK** with tool set
- 6415 **BERNSTEIN** **TECHNIK** without tool set
- 6400 Z **BERNSTEIN** **TECHNIK** with central safety code and tool set
- 6415 Z **BERNSTEIN** **TECHNIK** with central safety code without tool set

Description:

Case made from deep-drawn, impact-resistant, grained plastic, with a sturdy aluminium frame, dustproof and rainproof, acid- and scratch-resistant. Three removable plastic tray, 60 mm high, with adjustable partitions for measuring instruments, soldering iron and various accessories. The case has 2 locks.

Outside dimensions: 470 x 360 x 180 mm

Weight without tools: approx. 4.700 kg

Weight with tools: approx. 7.600 kg

Tool set:

| No. | Description of individual tools | No. | Description of individual tools |
|------------|--|------------|---|
| 1-909 | Engineer's mirror , with handle, made entirely from BERNSTEINIT | 14-654 VDE | Screwdriver , as above, blade 125 x 5.5 mm |
| 2-126 | Desoldering lever , slotted at one end, with plastic handle | 14-691 VDE | Cross-recess screwdriver , Pozidriv, size 0, with VDE safety insulation, blade chrome vanadium, 60 mm long |
| 2-127 | Tin knife , with plastic handle, 115 mm | 14-692 VDE | Cross-recess screwdriver , Pozidriv, as above, size 1, 80 mm long |
| 2-128 | Tin scraper , with plastic handle, 115 mm | 5-006 | Component tweezers , nickel-plated, with insulated jaws, for easy insertion and removal of plug-in transistors of various sizes |
| 2-132 | Spring hook , nickel-plated and insulated, 175 mm | 5-049 | Watchmaker's tweezers , 110 mm, stainless, sharply-pointed |
| 2-145 | Screwdriver with guide sleeve for slotted axles up to 3.2 mm Ø | 5-107 | Engineer's tweezers , made from steel, with bent tips, 150 mm, nickel-plated |
| 2-161 | Magnetic bar with double ball- and socket joint, slewable, 215 mm | 5-115 | Heat dissipating tweezers , 165 mm, nickel-plated, for use when soldering transistors, gold-bonded diodes etc. |
| 2-265 | 2 Test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire | 5-117 | Engineer's tweezers , straight-flat-wide, 145 mm, nickel-plated |
| 2-601 | IC tweezers , nickel-plated, 125 mm, for gripping, inserting and removing IC's | 5-161 | Clamping scissors , 130 mm, stainless |
| 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 | 5-181 | Wire scraper , for wires 0.6 mm Ø, interchangeable cutters |
| 3-131-1 | Side cutters , 120 mm, chrome-plated, for hard wire up to 0.8 mm, for soft wire up to 1.5 mm, with BERNSTEINIT insulation | 5-210 | Needle files , 6-piece set |
| 3-461-2 | Round nose pliers , 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation | 5-301 | Special scissors for cutting sheet-metal and wires, with serration, extremely slim, 110 mm, nickel-plated |
| 3-462-2 | Flat nose pliers , 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation | 5-501 | Cable knife |
| 3-481-2 | Snipe nose pliers , 120 mm, angular, box joint, compression spring, chrome-plated, with transparent insulation | 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 |
| 3-565 | Miniature water pump pliers , 130 mm, chrome-plated | 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 |
| 3-732-1 | Combination pliers , 160 mm, chrome-plated, with BERNSTEINIT insulation | 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 |
| 3-761-10 | Special assembly pliers for clamping rings, 1.5 mm – 2.8 mm, 140 mm, burnished, with adjusting screw | 6-860 | Electronic socket spanner set , in transparent box, 6 pieces, 3.0, 3.5, 4.0, 4.5, 5.0 mm |
| 3-835-2 | Wire strippers , 165 mm, narrow and slim, with adjusting screw and compression spring, chrome-plated, with transparent insulation | 7-425 | Dust brush |
| 4-261 | Cross-recess screwdriver , size 01, with plastic handle, blade made from chrome vanadium, nickel-plated, 25 mm long | 7-428 | Duster |
| 4-301 | Miniature screwdriver , with plastic handle, blade nickel-plated, 40 x 1.8 mm | 7-435 | Plastic-oiler , with screwcap made from brass |
| 4-311 | Screwdriver for headless screws , with plastic handle, blade made from chrome vanadium, nickel-plated, 80 x 2.8 mm | 7-508 | Steel tape measure , 30 cm, stainless |
| 4-321 | Chubby screwdriver , with plastik handle, blade made from chrome vanadium, nickel-plated, 25 x 4.0 mm | 7-511 | Digital caliper square , stainless, measuring range 150 mm, LCD-display mm/inches, depth-gauge, cross-points, in a wallet |
| 4-343 VDE | Voltage tester , insulated blade, made from chrome vanadium, 60 x 3 mm | 7-616 | Pocket saw , in a wallet |
| 4-351 | Offset screwdriver , chrome vanadium, nickel-plated, 100 x 5 mm | | |
| 4-366 | Cross-recess watchmaker's screwdriver , size 00 | | |
| 4-391 | Watchmaker's screwdriver , nickel-plated, with 4 interchangeable blades, 1.5, 2.0, 2.5, 3.0 mm | | |
| 4-407 | Retaining screwdriver , 110 x 4 mm | | |
| 14-651 VDE | Screwdriver , with VDE safety insulation, blade made from chrome vanadium, 75 x 2.5 mm | | |
| 14-653 VDE | Screwdriver , as above, blade 100 x 4.0 mm | | |

To complete the set we recommend:

- 9-325 **Plastic box** with hinged lid and adjustable compartments, 200 x 130 x 30 mm
- 8-390 **Desoldering pump**, length 195 mm, 20 mm Ø
- 8-135 **ERSA "Multitip" soldering iron**, 15 W, 220 V

TECHNIK 6400 ELECTRONIC SERVICE CASE

A toolcase as a bordcase for the travelling engineer



The service case

- for the computer technology
- with special tool assortment
- for the professional



Service case **Technik 6400 Z**
with central safety code



BOSS ELECTRONIC SERVICE CASE

The actual multi-purpose tool case with the vast assortment

6500 **BERNSTEIN** BOSS with tool set

6515 **BERNSTEIN** BOSS without tool set

Description:

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 106-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.

Outside dimensions: 490 x 410 x 190 mm

Weight without tools: approx. 6.500 kg

Weight with tools: approx. 10.600 kg

Tool set:

| No. | Description of individual tools | No. | Description of individual tools |
|----------|---|-----------|--|
| 1-151 | Adjusting screwdriver , blade 40 x 3 mm | 4-343 VDE | Voltage tester , blade 60 x 3 mm |
| 1-153 | Adjusting screwdriver , blade 130 x 2 mm | 4-351 | Offset screwdriver , chrome vanadium, nickel-plated, 100 x 5 mm |
| 1-155 | Adjusting screwdriver , blade 130 x 3.5 mm | 4-391 | Watchmaker's screwdriver , nickel-plated, with 4 interchangeable blades, 1.5, 2.0, 2.5, 3.0 mm |
| 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 | 5-006 | Component tweezers , nickel-plated, with insulated jaws, for easy insertion and removal of plug-in transistors of various sizes |
| 2-127 | Tin knife with plastic handle, 115 mm | 5-049 | Watchmaker's tweezers , 110 mm, stainless, sharply-pointed |
| 2-128 | Tin scraper with plastic handle, 115 mm | 5-107 | Engineer's tweezers made from steel, with bent tips, 150 mm, nickel-plated |
| 2-132 | Spring hook , nickel-plated and insulated, 175 mm | 5-107-6 | Engineer's tweezers , as above, strong PVC-insulated |
| 2-152 | Tool holder , nickel-plated brass, with collets at both ends for holding tools from 0 to 3 mm Ø | 5-115 | Heat dissipating tweezers , 165 mm, nickel-plated, for use when soldering transistors, gold-bonded diodes etc. |
| 2-155 | Claw-type gripper , nickel-plated, with 3 wire claws, opening max. 12 mm, with clip | 5-117 | Engineer's tweezers , straight-flat-wide, 145 mm, nickel-plated |
| 2-161 | Magnetic bar with double ball- and socket joint, slewable, 215 mm | 5-161 | Clamping scissors , 130 mm, stainless |
| 2-166 | Contact cleaner , made from glass fibre | 5-181 | Wire scraper , for wires 0.6 mm Ø, interchangeable cutter |
| 2-265 | 2 Test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire | 5-191 | ESD tweezers , 120 mm, conductive, with straight, rounded tips |
| 2-295 | Hand magnifier with light | 5-194 | ESD tweezers , 120 mm, conductive, with bent, pointed tips |
| 2-601 | IC tweezers , nickel-plated, 125 mm, for gripping, inserting and removing IC's | 5-210 | Needle files , 6-piece set |
| 2-620 | PLCC extractor , for easy removal of plug-in PLCC'S | 5-301 | Special scissors , for cutting sheet-metal and wires, with serration, extremely slim, 110 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 | 5-305 | Combination scissors , stainless, serrated, compression spring, plastic handles, 140 mm |
| 3-132-1 | Side cutters , 130 mm, for hard wire, chrome-plated, with BERNSTEINIT-insulation | 5-501 | Electrician knife |
| 3-235-1 | Telephone pliers with wire cutters, 160 mm, chrome-plated with BERNSTEINIT-insulation | 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 |
| 3-462-2 | Flat nose pliers , 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation | 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, |
| 3-463-2 | Snipe nose pliers , 130 mm, slim, box joint, compression spring, chrome-plated, with transparent insulation | 6-771 | Adjustable wrench , jaw opening 0 - 12 mm, total length 100 mm |
| 3-482-2 | Snipe nose pliers , 140 mm, angular, slim, box joint, compression spring, chrome-plated, with transparent insulation | 6-830 | Set of wrench keys , 11 pieces in plastic case, 1 handle, 10 wrench keys 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 4.0, 4.5, 5.0 and 6.0 mm |
| 3-565 | Water pump pliers , 130 mm, chrome-plated | 6-880 | Set of wrench keys , 8 pieces in plastic wallet, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" |
| 3-732-1 | Combination pliers , 165 mm, chrome-plated, with BERNSTEINIT-insulation | 6-964 L | TORX screwdriver , with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, black tip, size T 9 with hole |
| 3-761-10 | Special assembly pliers for clamping rings, 1.5 mm - 2.8 mm, 140 mm, burnished, with adjusting screw | 6-965 L | TORX screwdriver as above, size T 10 with bore-hole |
| 3-815-1 | Wire strippers , 155 mm, chrome-plated, with BERNSTEINIT-insulation | 6-966 L | TORX screwdriver as above, size T 15 with bore-hole |
| 3-871-6 | Pressing pliers for multicore cable and for sleeves from 0.25 - 2.5 mm ² | 7-425 | Dust brush |
| 3-0856 | Crimp tool for insulated and uninsulated terminals, 230 mm | 7-428 | Duster |
| 4-142 | Screwdriver to DIN 5265, special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, with black tip, 100 x 4.0 mm | 7-438 | Drip oiler for dropet oiling |
| 4-143 | Screwdriver as above, blade 125 x 5.5 mm | 7-506 | Roller tape measure 2 m |
| 4-161 | Electronics screwdriver with special handle and swivel top, blade chrome vanadium, chrome-plated, with black tip, blade 40 x 1.0 mm | 7-508 | Steel measure , 30 mm, stainless |
| 4-162 | Electronics screwdriver as above, blade 40 x 1.5 mm | 7-511 | Digital caliper square , stainless, measuring range 150 mm, LCD-display mm/inches, depth-gauge, cross-points, in a wallet |
| 4-164 | Electronics screwdriver as above, blade 50 x 2.5 mm | 7-616 | Pocket hack saw "Puk" with adjustable wooden handle, in a wallet |
| 4-165 | Electronics screwdriver as above, blade 50 x 3.0 mm | | |
| 4-272 | Crosspoint-screwdriver , Pozidriv, size 1, with special square pattern BERNSTEIN handle, blade made from chrome vanadium, nickel-plated, with black tip | | |
| 4-281 | Electronics cross-recess screwdriver with special grey handle and swivel top, blade chrome vanadium, chrome-plated, with black tip, 40 x 2.0 mm, size 000 | | |
| 4-282 | Electronics cross-recess screwdriver as above size 00 | | |
| 4-283 | Electronics cross-recess screwdriver as above, blade 50 x 3.0 mm, size 0 | | |

To complete the set we recommend:

- 8-135 **ERSA "Multitip" soldering iron**, 15 W/230 V
- 8-390 **Desoldering pump**, length 195 mm, 20 mm Ø
- 9-325 **Plastic box**, with hinged lid and adjustable compartments, 200 x 130 x 30 mm

BOSS 6500 ELECTRONIC SERVICE CASE

A variable tool chest in case size



TELECOM ELECTRONIC SERVICE CASE

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

6600 **BERNSTEIN TELECOM** with tool set

6615 **BERNSTEIN TELECOM** without tool set

Description:

Case made from deep-drawn, impact-resistant, grained black plastic, with a sturdy aluminium frame, dustproof and rainproof, acid- and scratch-resistant. With 116 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.

The case has 2 locks.

Outside dimensions: 490 x 410 x 190 mm

Weight without tools: approx. 5.800 kg

Weight with tools: approx. 12.900 kg

Tool set

| No. | Description of individual tools | No. | Description of individual tools |
|-----------|---|------------|--|
| 2-265 | 2 test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire | 14-651 VDE | Screwdriver , with VDE-insulation, blade 75 x 2.5 mm |
| 2-275 | Repair mirror , stainless, magnifying, concave mirror 21 mm Ø, with BERNSTEINIT handle | 14-652 VDE | Screwdriver , with VDE-insulation, blade 100 x 3.5 mm |
| 2-601 | IC-tweezers , nickel-plated, 125 mm, for gripping, inserting and removing IC's | 14-682 VDE | Cross-recess screwdriver , size 1, with VDE-insulation, blade length 80 mm |
| 2-620 | PLCC-extractor | 14-683 VDE | Cross-recess screwdriver , size 2, with VDE-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 |
| 2-702 | Insertion tool for system HVt 71 , for connecting the cable conductors and jumper wires | 5-122 | Engineer's tweezers , made from steel, straight, with narrow pointed tips, 155 mm, nickel-plated |
| 2-751 | Test headphones , 1 x 600 ohm, switchable from 600 to 10.000 ohm, with fine control including test prods, maximum load 2 W | 5-240 | Warding files , 6-piece set, with wooden handles, in plastic wallet |
| 3-112-2 | Side cutters , 120 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 hookblade, for cable 4 - 28 mm Ø |
| 3-134 VDE | Side cutters , 160 mm, for steel wire up to 1.6 mm Ø, chrome-plated, with VDE safety insulation | 6-103 | Socket wrench , 4.5 mm, chrome vanadium, chrome-plated, with square handle |
| 3-235-1 | Telephone pliers , 160 mm, chrome-plated, with BERNSTEINIT-insulation | 6-104 | Socket wrench , 5.0 mm, chrome vanadium, chrome-plated, with square handle |
| 3-532-1 | Flat nose pliers , 160 mm, with long jaws, chrome-plated, with BERNSTEINIT-insulation | 6-105 | Socket wrench , 5.5 mm, chrome vanadium, chrome-plated, with square handle |
| 3-574-1 | Water pump pliers , 175 mm, made from chrome vanadium, with BERNSTEINIT-insulation | 6-320 | Socket wrench-set , 1/4" square drive, chrome vanadium, chrome-plated, 16-piece set in a metal case, 11 sockets from 4.0 - 13.0 mm, holder, sliding tee bar, universal joint, reversible ratchet, rigid extension |
| 3-732-1 | Combination pliers , 165 mm, chrome-plated, with BERNSTEINIT-insulation | 6-500-12 | Double open-ended wrench , 12 x 13 mm, chrome vanadium, chrome-plated |
| 3-0605 | Combination crimping pliers , 200 mm, for connector types 6P/6C, 6P/4C, 6P/2C, 8P/8C | 6-500-18 | Double open-ended wrench , 18 x 19 mm, chrome-vanadium, chrome-plated |
| 4-141 | Screwdriver , with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 75 x 3.5 mm, with black tip | 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 |
| 4-142 | Screwdriver , with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 100 x 4.0 mm, with black tip | 6-600-12 | Combination ring-and open-ended wrench , 12 mm, chrome vanadium, chrome-plated |
| 4-143 | Screwdriver , with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 125 x 5.5 mm, with black tip | 6-600-17 | Combination ring-and open-ended wrench , 17 mm, chrome vanadium, chrome plated |
| 4-222 | Screwdriver , with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 260 x 3.0 mm, with black tip | 6-600-19 | Combination ring-and open-ended wrench , 19 mm, chrome vanadium, chrome-plated |
| 4-227 | Cross-recess screwdriver , size 1, with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, blade length 300 mm, with black tip | 6-880 | Hexagon wrench keys , 8-piece set, in a wallet, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" |
| 4-228 | Cross-recess screwdriver , size 2, as above, blade length 300 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 |
| 4-255 | Cross-recess screwdriver , size 0, as above, blade length 60 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 |
| 4-256 | Cross-recess screwdriver , size 1, as above, blade length 80 mm, with black tip | 7-114 | Engineer's hammer , 200 g |
| 4-257 | Cross-recess screwdriver , size 2, as above, blade length 100 mm, with black tip | 7-425 | Duster |
| 4-258 | Cross-recess screwdriver , size 3, as above, blade length 150 mm, with black tip | 7-429 | Insulating tape |
| 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 | 7-506 | Roller tape , 2 m |
| | Retaining screwdriver , for inserting slotted screws, nickel-plated, blade 110 x 4.0 mm | 7-616 | Pocket saw , with adjustable wooden handle, in a wallet |
| 4-437 | Retaining screwdriver , for inserting and tightening cross-recess screws size 1, nickel-plated, insulated, blade length 150 mm | 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 |

TELECOM 6600 ELECTRONIC SERVICE CASE

The professional toolcase for the telecommunication



TELEDATA ELECTRONIC SERVICE CASE

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

6700 **BERNSTEIN** TELEDATA with tool set

6715 **BERNSTEIN** TELEDATA without tool set

Description:

Case made from deep-drawn, impact-resistant, grained black plastic, with sturdy aluminium frame, dustproof and rainproof, acid- and scratch-resistant. 80 tools are clearly arranged on two removable tool trays, one of it on both sides, and in the plastic tray with adjustable partitions in the bottom of the case. The basic equipment for special operations at telecommunication systems and data networks may efficiently be completed by special tools additionally recommended.

The case has 2 locks.

Outside dimensions: 470 x 340 x 170 mm

Weight without tools: approx. 4.600 kg

Weight with tools: approx. 8.700 kg

Tool set

| No. | Description of individual tools | No. | Description of individual tools |
|------------|---|----------|---|
| 2-265 | 2 test prods , red and black, extremely slim, pointed and flexible, blade made from 1 mm steel wire | 5-107 | Engineer's tweezers , with bent tips, 150 mm, made from steel, nickel-plated |
| 2-601 | IC-tweezers , nickel-plated, 125 mm, for gripping, inserting and removing IC's | 5-117 | Engineer's tweezers , straight-flat-wide, 145 mm, made from steel, nickel-plated |
| 2-620 | PLCC-extractor | 5-240 | Warding files , 6-piece set, with wooden handles, in plastic wallet |
| 2-701 | Insertion tool with sensor , for connecting the wires and simultaneously cutting off the residual wire | 5-505 | Insulation stripping tool , with hook blade, for cable diameter of 4 up to 28 mm |
| 3-112-2 | Side cutters , 120 mm, for soft wire up to 1.0 mm, with rounded head, double leaf spring, chrome-plated, with transparent insulation | 6-103 | Socket wrench , 4.5 mm, chrome vanadium, chrome-plated, with square handle |
| 3-134 VDE | Side cutters , 160 mm, for steel wire up to 1.6 mm Ø, chrome-plated, with VDE safety insulation | 6-104 | Socket wrench , 5.0 mm, chrome vanadium, chrome-plated, with square handle |
| 3-235-1 | Telephone pliers , 160 mm, chrome-plated, with BERNSTEINIT-insulation | 6-105 | Socket wrench , 5.5 mm, chrome-vanadium, chrome-plated, with square handle |
| 3-532-1 | Flat nose pliers , 160 mm, with long jaws, chrome-plated, with BERNSTEINIT-insulation | 6-500-12 | Double open-ended wrench , 12 x 13 mm, chrome vanadium, chrome-plated |
| 3-574-1 | Water pump pliers , 175 mm, made from chrome vanadium, chrome-plated, with BERNSTEINIT-insulation | 6-500-18 | Double open-ended wrench , 18 x 19 mm, chrome vanadium, chrome-plated |
| 3-732-1 | Combination pliers , 165 mm, chrome-plated, with BERNSTEINIT-insulation | 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 |
| 3-0605 | Combination crimping pliers , 200 mm, for connector types 6P/6C, 6P/4C, 6P/2C, 8P/8C | 6-600-12 | Combination ring- and open-ended wrench , 12 mm, chrome vanadium, chrome-plated |
| 4-222 | Screwdriver , with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 260 x 3.0 mm, with black tip | 6-600-17 | Combination ring- and open-ended wrench , 17 mm, chrome vanadium, chrome-plated |
| 4-227 | Crosspoint-screwdriver , size 1, with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 300 mm, with black tip | 6-600-19 | Combination ring- and open-ended wrench , 19 mm, chrome vanadium, chrome-plated |
| 4-228 | Crosspoint-screwdriver , size 2, with special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, 300 mm, with black tip | 6-880 | Hexagon wrench keys , 8-piece set in a wallet, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" |
| 4-431 | Retaining screwdrivers , for inserting and tightening slotted screws, blade made from chrome vanadium, nickel-plated, insulated, blade 100 x 3.0 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 |
| 4-437 | Retaining screwdriver , for inserting and tightening cross-recess screws size 1, blade made from chrome vanadium, nickel-plated, insulated | 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 |
| 14-651 VDE | Screwdriver , blade 75 x 2.5 mm, with VDE-insulation | 7-425 | Duster |
| 14-652 VDE | Screwdriver , blade 100 x 3.5 mm, with VDE-insulation | 7-506 | Roller tape measure , 2 m |
| 14-653 VDE | Screwdriver , blade 100 x 4.0 mm, with VDE-insulation | 7-616 | Pocket saw , with adjustable wooden handle, in a wallet |
| 14-681 VDE | Cross-recess screwdriver , size 0, with VDE-insulation, blade length 60 mm | 9-316/5 | 5 Chip-Container , conductive box with lid, black, internal dimensions: 118 x 32 x 14 mm |
| 14-682 VDE | Cross-recess screwdriver , size 1, with VDE-insulation, blade length 80 mm | | |
| 14-683 VDE | Cross-recess screwdriver , size 2, with VDE-insulation, blade length 100 mm | | |
| 14-684 VDE | Cross-recess screwdriver , size 3, with VDE-insulation, blade length 150 mm | | |

To complete the set we recommend:

| | |
|-------|---|
| 2-751 | Test headphones , 1 x 600 ohm, switchable from 600 to 10.000 ohm, with fine control including test prods, maximum load 2 W |
| 2-702 | Insertion tool for systems HVT 71 , for connecting the cable conductors and jumper wires |
| 8-110 | ERSA fine soldering iron , Tip 260 BN/230 V/16 W |
| 8-385 | ERSA OVAC X desoldering pump |

TELEDATA 6700 ELECTRONIC SERVICE CASE

The service case for the ambitious Telecommunication engineer



COMPACT-MOBIL 70000 ELECTRONIC SERVICE CASE

The trolley case as bordcase for world-wide service



The service-case

- with high quality tools for electronics
- with telescopic handle, length up to 950 mm
- mobile on installed stable rolls



COMPACT-MOBIL ELECTRICIAN'S SERVICE CASE

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

7200 **BERNSTEIN COMPACT-MOBIL** with tool assortment 7030, 7040 and 7050

7215 **BERNSTEIN COMPACT-MOBIL** without tools

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

Description:

as service case 7000

This tool case is also equipped with 3 removable tool trays: No. 7030, 7040 and 7050.

The trays contain all together 32 tools.

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

Outside dimensions: 500 x 400 x 200 mm

Weight without tools: approx. 7.900 kg

Weight with tools 7200: approx. 11.500 kg

Weight with tools 7300: approx. 11.600 kg

Tool set:

No. Description of individual tools

Tool tray No. 7030

| | |
|-----------|--|
| 3-133-1 | Side cutters , 145 mm, for hard wire up to 1.25 mm Ø, for soft wire up to 2.5 mm Ø, chrome-plated, BERNSTEINIT-insulation |
| 3-235-1 | Telephone pliers , 160 mm, chrome-plated, with BERNSTEINIT-insulation |
| 3-732-1 | Combination pliers , 165 mm, chrome-plated, with BERNSTEINIT-insulation |
| 4-143 | Screwdriver , to DIN 5265, special square BERNSTEIN handle, blade made from chrome vanadium, chrome-plated, black tip, 125 x 5.5 mm |
| 4-144 | Screwdriver , as above, blade 150 x 6.5 mm |
| 4-145 | Screwdriver , as above, blade 150 x 8.0 mm |
| 4-256 | Cross-recess screwdriver , as above, size 1, with black tip |
| 4-257 | Cross-recess screwdriver , as above, size 2, with black tip |
| 4-344 VDE | Voltage tester , for 220 - 250 V, blade 100 x 3.5 mm |
| 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 |

Tool tray No. 7040

| | |
|---------|--|
| 3-575-6 | Water pump pliers , 240 mm, chrome-plated, with insulation |
| 3-815-1 | Wire strippers , 155 mm, chrome-plated, with BERNSTEINIT insulation |
| 4-272 | Cross-recess screwdriver Pozidriv, size 1, blade made from chrome vanadium, chrome-plated, with special square BERNSTEIN handle |
| 4-273 | Cross-recess screwdriver , Pozidriv, as above, size 2 |
| 5-304 | Combination cutters , 190 mm, stainless |
| 5-309 | Cable stripping shears , 190 mm, stainless, with plastic handles |
| 5-501 | Cable knife |
| 7-410 | Slicker trowel with round shank, blade width 16 mm |
| 7-535 | Spirit level , length 220 mm, with 3 levels: horizontal, vertical and 45° angle |

To complete the set we recommend for the bottom of the case:

| | |
|-------|--|
| 5-240 | Warding file set , 6 pieces, with wooden handles, in a wallet |
| 6-810 | Set of allen hex sockets on a ring, 8 pieces |
| 7-405 | Trowel , 50 mm |
| 7-415 | Rubber beaker for plaster |
| 8-145 | ERSA soldering iron 30 S/330 KD/30 W/230 V |

No. Description of individual tools

Tool tray No. 7050

| | |
|---------|--|
| 5-107-6 | Steel tweezers , bent, nickel-plated, safety-insulated, 150 mm |
| 5-117-6 | Steel tweezers , straight-flat-wide, safety-insulated, 145 mm |
| 5-505 | Insulation stripping tool , with hook blade, for cable 4 - 28 mm Ø |
| 7-114 | Engineer's hammer , 200 g |
| 7-202 | Firmer chisel , blade width 16 mm |
| 7-235 | Flat chisel , 200 x 16 x 22 mm, chrome vanadium |
| 7-255 | Electrician's chisel , 200 x 8 x 10 mm, chrome vanadium |
| 7-315 | Drill rasp , bore-Ø 4 mm, length of blade 175 mm, with plastic handle |
| 7-316 | Punch , 6 mm Ø, with plastic handle |
| 7-502 | Folding rule , 2 m |
| 7-616 | Pocket saw „PUK“ with adjustable wooden handle, in a wallet |

Tool tray No. 7060 (VDE), alternatively to 7030

| | |
|------------|--|
| 3-134 VDE | Side cutters , 160 mm, for steel wire up to 1.6 mm Ø, chrome-plated, with VDE safety insulation |
| 3-244 VDE | Telephone pliers , 165 mm, snipe nose, long straight jaws, with cutting edge for hard wire, chrome-plated, with VDE safety insulation |
| 3-732 VDE | Combination pliers , 165 mm, with wire cutter, for hard wire up to 1.6 mm Ø, chrome-plated, with VDE safety insulation |
| 4-344 VDE | Voltage tester , 220 - 250 V, blade 100 x 3.5 mm |
| 14-652 VDE | Screwdriver , with VDE safety insulation, blade 100 x 3.5 mm |
| 14-654 VDE | Screwdriver , with VDE safety insulation, blade 125 x 5.5 mm |
| 14-656 VDE | Screwdriver , with VDE safety insulation, blade 150 x 6.5 mm |
| 14-682 VDE | Cross-recess screwdriver , size 1, with VDE insulation, blade length 80 mm |
| 14-683 VDE | Cross-recess screwdriver , size 2, with VDE insulation, blade length 100 mm |
| 15-522 VDE | Cable stripping knife , with blade protection, blade length 35 mm |
| 16-302 VDE | Socket wrench , with VDE insulation, 5.5 mm A/F |
| 16-304 VDE | Socket wrench , with VDE insulation, 7.0 mm A/F |

COMPACT-MOBIL 7200 ELECTRICIAN'S SERVICE CASE

The trolley case as bordcase for world-wide service



alternative with
VDE-tools
7060





BERNSTEIN Electronic-Tools

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