



**BERNSTEIN**  
TOOLS FOR ELECTRONICS



## CASES AND SETS

More skills inside  
our toolcases

**GET IN CONTACT WITH US****BERNSTEIN  
Werkzeugfabrik  
Steinrücke GmbH**

Industriehof Trecknase 1  
42897 Remscheid

Tel. + 49 (0) 2191 - 9650 - 0  
Fax + 49 (0) 2191 - 9650 - 30

sales@bernstein-tools.de

**VISIT US ON THE WEB**

We update our product information on a regular basis and automatically using our Product Information System. This enables the quick and up-to-date compilation of customer-specific data feeds for your own digital sale activities. Take advantage of this service and always keep Bernstein product information up to date!

Product videos and blog posts round off our online offering. Furthermore, we also respect the traditional sales channel via specialist retailers and offer the option to present your webshop as an online sales platform for products by BERNSTEIN.

[www.bernstein-tools.de](http://www.bernstein-tools.de)

**SYMBOL LEGEND****NEW**

New product



Number of tools in sets



Weight



Dimensions



ESD protection (EPA suitable)



VDE tested





## CASES AND SETS – MORE SKILLS INSIDE OUR TOOLCASES

BERNSTEIN has been equipping professionals with tool cases and sets for over 50 years. The case housings and tool boards are characterized by particularly high stability and our unmistakable design. Our standards for functionality and quality are unique. Discover our selection of high-quality special tools for different fields of application.

## ELECTRONIC TOOL SETS

### ► 2302

#### ESD tool kit OPERATOR KIT 5 pcs

The compact and robust bag made of dissipative imitation leather fits well into any work coat bag. Injuries caused by pointed and loosely inserted tools can thus be prevented. All tools are conductive. With their particularly slim design, the screwdrivers are ideal for narrow spaces and very practical thanks to the swivel cap. Scissors and tweezers are coated with a dissipative powder coating and can therefore also be used on sensitive components without any problems. The brush consists of dissipative plastic up to the bristles and is also particularly slim and handy.

Art.-No.	Content
1-150-0-ESD	ESD dissipative bag
4-607	ESD screwdriver slot blade 3.0×0.5×60 mm
4-623	ESD screwdriver cross-recess PH0
5-078-13	ESD SMD universal tweezers 130 mm, steel, dissipative
7-421-1	ESD brush bristles Ø 6mm
5-310-13	ESD scissors rounded dissipative



Outer dimensions (closed):  
135 x 150 x 25 mm



190 g



5 tools



### ► 2250

#### ESD tool kit CARAT 9 pcs

Service set for servicing and repairing mobile telephone devices and other highly sensitive electronic components. The tools are packed in a handy zip case made from black dissipative synthetic leather.

Art.-No.	Content
2251	ESD dissipative zipper bag 9 empty pockets
3-672-15	ESD end cutters EUROline flush 130 mm
3-683-15	ESD snipe nose pliers EUROline not serrated jaws 130 mm
4-603	ESD screwdriver slot blade 1.5 x 0.25 x 60 mm
4-605	ESD screwdriver slot blade 2.0 x 0.40 x 60 mm
4-621	ESD screwdriver cross-recess PH000
4-623	ESD screwdriver cross-recess PH0
5-191	ESD plastic tweezers 120 mm form 2a tips 2 mm wide
6-661	ESD torx screwdriver T5
6-663-L	ESD torx screwdriver T7



360 g



9 tools



Outer dimensions (closed):  
190 x 135 x 35 mm





### ► 2253 ESD tool kit PC-REPAIR 9 pcs

This set is fully equipped with ESD tools for repairing mobile devices such as PCs, smartphones, tablets, notebooks and other highly sensitive electronic devices. The tools are packed in a zippered case made of dissipative ESD synthetic leather.

Art.-No.	Content
2251	ESD dissipative zipper bag 9 empty pockets
3-601-15	ESD side cutters CLASSICline semi flush 115 mm dissipative
3-633-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm dissipative
5-072-13	ESD SMD universal tweezers 110 mm form 3c stainless steel, dissipative
4-624	ESD screwdriver cross-recess PH1
4-623	ESD screwdriver cross-recess PH0
4-622	ESD screwdriver cross-recess PH00
4-607	ESD screwdriver slot blade 3.0×0.5×60 mm
4-608	ESD screwdriver slot blade 3.5×0.6×60 mm
4-609	ESD screwdriver slot blade 4.0×0.8×60 mm



Outer dimensions (closed):  
190 x 135 x 35 mm



360 g



9 tools



### ► 2254 ESD tool set PC-REPAIR 12 pcs

This set is fully equipped with ESD tools for repairing mobile devices such as PCs, smartphones, tablets, notebooks and other highly sensitive electronic devices. The tools are packed in a zippered case made of dissipative ESD synthetic leather.

Art.-No.	Content
2251	ESD dissipative zipper bag 9 empty pockets
3-601-15	ESD side cutters CLASSICline semi flush 115 mm dissipative
3-633-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm dissipative
5-072-13	ESD SMD universal tweezers 110 mm form 3c stainless steel, dissipative
4-624	ESD screwdriver cross-recess PH1
4-623	ESD screwdriver cross-recess PH0
4-622	ESD screwdriver cross-recess PH00
4-607	ESD screwdriver slot blade 3.0×0.5×60 mm
4-608	ESD screwdriver slot blade 3.5×0.6×60 mm
4-609	ESD screwdriver slot blade 4.0×0.8×60 mm
9-342-1	ESD contact bracelet blue
9-342-2	ESD spiral cord for bracelet 2.5m black
9-353	ESD crocodile clip



Outer dimensions (closed):  
190 x 135 x 35 mm



360 g



12 tools



NEW DESIGN

# ESD SCREWDRIVER



smooth-running  
rotating cap

ergonomically  
shaped handle

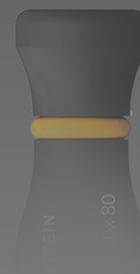
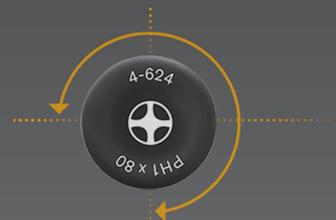
hexagonal shape  
offers good grip  
when turning



grooves  
prevent slipping

rotary cap  
with labeling for  
a quick overview

blades made off  
chrome vanadium  
molybdenum steel



burnished tip

More in the  
**SCREWING  
TOOLS**  
brochure

## ELECTRONIC TOOL SET

Elegant zip bag made of black, dissipative synthetic leather, also with dissipative pockets for 13 ESD tools and a foldable ESD work mat with accessories.

EPA suitable for electrostatically protected areas (ESD workplaces/ESD protected zones). The perfect companion for repairing and servicing electrostatically sensitive components. The workplace pad made from soft ESD material offers the option to even work safely while out and about. A large number of different screwdrivers and pliers means that the user is prepared for every situation.

### ▶ 2221 ESD tool kit zipper pocket (without tools)

### ▶ 2220 ESD tool set ANTISTATIC 17 pcs



Art.-Nr.	Content
2221	ESD dissipative zipper bag 14 empty pockets
2-620	PLCC-extractor
3-601-15	ESD side cutters CLASSICline semi flush 115 mm
3-632-15	ESD flat nose pliers CLASSICline not serrated jaws 120 mm
3-633-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
4-603	ESD screwdriver slot blade 1.5 x 0.25 x 60 mm
4-605	ESD screwdriver slot blade 2.0 x 0.40 x 60 mm
4-606	ESD screwdriver slot blade 2.5 x 0.4 x 60 mm
4-621	ESD screwdriver cross-recess PH000
4-622	ESD screwdriver cross-recess PH00
4-623	ESD screwdriver cross-recess PH0
5-191	ESD plastic tweezers 120 mm form 2a tips 2 mm wide
5-192	ESD plastic tweezers 120 mm form F tips 3 mm wide
9-354-100	ESD table mat 500 x 400 x 0,5 mm
9-342-1	ESD contact bracelet
9-342-2	ESD spiral cord for bracelet 2.5 m
9-343-1	ESD grounding cable 1 MOhms, 1500 mm 2 press-studs 10/10 mm
9-353	ESD crocodile clip



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



without tools: 520 g  
with tools: 1050 g



2220: 17 tools



**2220** ESD tool set ANTISTATIC 17 pcs  
**2221** ESD tool kit zipper pocket (without tools)



## ESD TOOL SET

ESD tools for various jobs in ESD areas. The tools are stored in handy ESD-conductive plastic cases and clearly arranged in customised recesses made from conductive rigid foam. For the assembly of circuit boards and working on electronic assemblies in accordance with DIN EN 61340-5-1.

The five tweezers allow for precise gripping, inserting and desoldering of small electronic components. They are equipped with level, smooth and bent gripping surfaces. The pliers feature a particularly narrow and pointed head for precise snipping of soft and semi-hard wires.

### ► 2210 ESD tool set PRECISE 6 pcs



Art.-No.	Content
2211	ESD conductive synthetic case with foam insert empty
3-602-15	ESD side cutters CLASSICline flush 115 mm
5-055-13	ESD SMD tweezers 120 mm form 7a stainless steel angle 40° dissipative
5-062-13	ESD SMD tweezers 115 mm form 59 stainless steel, dissipative
5-065-13	ESD SMD tweezers 120 mm form 50 stainless steel dissipative
5-066-13	ESD SMD tweezers 120 mm form 8b stainless steel, dissipative
5-068-13	ESD tweezers 120 mm form 13 stainless steel, dissipative



Outer dimensions (closed):  
178 x 160 x 42 mm



390 g



6 tools



**2210** ESD tool set PRECISE

## ESD TOOL SETS

ESD tools for various jobs in ESD areas. The tools are stored in handy ESD-safe plastic cases and clearly arranged in customised recesses made from conductive rigid foam. ESD tool set for working on electronic assemblies and equipment in accordance with DIN EN 61340-5-1 The five tweezers allow for precise gripping, inserting and holding of small electronic components. They are equipped with level, smooth and bent gripping

surfaces. The pliers have particularly narrow and pointed heads for precise work in tight places. The side cutters are suitable for the precise snipping of soft and semi-hard wires. The quality interchangeable blades (HRC 56-58) are easy to clamp in a dissipative ESD interchangeable grip. The dissipative brush is used to clean statically sensitive components.



### ► 2230 ESD tool set ELITE 20 pcs

Art.-No.	Content
2231	ESD conductive synthetic case with foam insert empty
3-651-15	ESD mini side cutters EUROline flush 120 mm
3-672-15	ESD end cutters EUROline flush 130 mm
3-682-15	ESD flat nose pliers EUROline not serrated jaws 130 mm
3-683-15	ESD snipe nose pliers EUROline not serrated jaws 130 mm
4-901	ESD interchangeable handle
4-905	interchangeable blades slot 1.5 / 3.0 mm
4-906	interchangeable blades slot 2.0 / 3.5 mm
4-907	interchangeable blades slot 2.5 / 4.0 mm
4-911	interchangeable blades PH00/PH000
4-912	interchangeable blades PH0/PH1
4-921	interchangeable blades TORX T5/T6
4-922 L	interchangeable blades TORX T7/T8
4-923 L	interchangeable blades TORX T9/T10
5-049-13	ESD SMD tweezers 110 mm form 4 stainless steel dissipative
5-055-13	ESD SMD tweezers 120 mm form 7a stainless steel angle 40° dissipative
5-059-13	ESD SMD tweezers 120 mm form 2a stainless steel dissipative
5-067-13	ESD SMD tweezers 120 mm form 12 stainless steel, dissipative
5-068-13	ESD tweezers 120 mm form 13 stainless steel, dissipative
5-078-13	ESD SMD universal tweezers 130 mm stainless steel dissipative
7-422	ESD brush bristles width 20 mm



Outer dimensions (closed):  
250 x 210 x 60 mm



850 g



20 tools



**2230** ESD tool set ELITE

## ESD PROFI SET

Selected ESD tools in a handy plastic case made from a conductive material. The tools are clearly arranged in customised recesses made from conductive rigid foam. One or two compartments are empty for individual needs.

EPA suitable for electrostatically protected areas (ESD workplaces/ESD protected zones). Professional tool set for repairing and servicing complex electronic components and assemblies.

### ► 2280 ESD tool set TRENDY 23 pcs

### ► 2285 ESD tool set TRENDY 18 pcs (without ESD handling set)

Art.-No.	Content
2281	ESD conductive synthetic case with foam insert empty
2-620	PLCC-extractor
3-133-13	ESD side cutters 145 mm dissipative
3-651-15	ESD mini side cutters EUROline flush 120 mm
3-682-15	ESD flat nose pliers EUROline not serrated jaws 130 mm
3-683-15	ESD snipe nose pliers EUROline not serrated jaws 130 mm
4-603	ESD screwdriver slot blade 1.5 x 0.25 x 60 mm
4-605	ESD screwdriver slot blade 2.0 x 0.40 x 60 mm
4-606	ESD screwdriver slot blade 2.5 x 0.4 x 60 mm
4-621	ESD screwdriver cross-recess PH000
4-622	ESD screwdriver cross-recess PH00
4-623	ESD screwdriver cross-recess PH0
5-049-13	ESD SMD tweezers 110 mm form 4 stainless steel dissipative
5-055-13	ESD SMD tweezers 120 mm form 7a stainless steel angle 40° dissipative
5-059-13	ESD SMD tweezers 120 mm form 2a stainless steel dissipative
6-661	ESD torx screwdriver T5
6-662	ESD torx screwdriver T6
6-663 L	ESD torx screwdriver T7
7-422	ESD brush bristles width 20 mm
9-354-100	ESD table mat 500 x 400 x 0.5 mm
9-342-1	ESD contact bracelet blue
9-342-2	ESD spiral cord for bracelet 2.5 m black
9-343-1	ESD grounding cable 1 MOhms, 1500 mm 2 press-studs 10/10 mm
9-353	ESD crocodile clip



handling set

### ► 9-354 ESD handling set 5 pcs

Art.-No.	Content
9-354-100	ESD table mat 500 x 400 x 0.5 mm
9-342-1	ESD contact bracelet blue
9-342-2	ESD spiral cord for bracelet 2.5 m black
9-343-1	ESD grounding cable 1 MOhms, 1500 mm 2 press-studs 10/10 mm
9-353	ESD crocodile clip

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



2280: 1500 g  
2285: 1250 g



2280: 23 tools  
2285: 18 tools



ESD tool set TRENDY **2280**  
ESD tool set TRENDY **2285**





► **2282**  
ESD tool set TRENDY C 23 pcs

Art.-No.	Content
2281	ESD conductive synthetic case with foam insert empty
2-620	PLCC-extractor
3-133-13	ESD side cutters 145 mm dissipative
3-602-15	ESD side cutters CLASSICline flush 115 mm
3-632-15	ESD flat nose pliers CLASSICline not serrated jaws 120 mm
3-633-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
4-603	ESD screwdriver slot blade 1.5 x 0.25 x 60 mm
4-605	ESD screwdriver slot blade 2.0 x 0.40 x 60 mm
4-606	ESD screwdriver slot blade 2.5 x 0.4 x 60 mm
4-621	ESD screwdriver cross-recess PH000
4-622	ESD screwdriver cross-recess PH00
4-623	ESD screwdriver cross-recess PH0
5-049-13	ESD SMD tweezers 110 mm form 4 stainless steel dissipative
5-055-13	ESD SMD tweezers 120 mm form 7a stainless steel angle 40° dissipative
5-059-13	ESD SMD tweezers 120 mm form 2a stainless steel dissipative
6-661	ESD torx screwdriver T5
6-662	ESD torx screwdriver T6
6-663-L	ESD torx screwdriver T7
7-422	ESD brush bristles width 20 mm
9-354-100	ESD table mat 500 x 400 x 0.5 mm
9-342-1	ESD contact bracelet blue
9-342-2	ESD spiral cord for bracelet 2.5 m black
9-343-1	ESD grounding cable 1 MOhms, 1500 mm 2 press-studs 10/10 mm
9-353	ESD crocodile clip



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



1500 g



23 tools



ESD tool set TRENDY C **2282**



## ESD REPAIR SET



### ► 2301

#### ESD tool kit folding pouch (without tools)

The foldable tool folder made of ESD material also serves as an electrically dissipative workstation support and has the dimensions 680 x 660 x 35 mm in the designed format. The leakage resistance according to DIN 53482 is approx.  $10^8$  ohm. The workstation support is equipped with 3 push buttons for connecting the contact wristband and the earthing cable. With 2 further push buttons the support is closed as a tool folder. The large contact surface offers enough space to safely process sensitive electronic components. The bag can be quickly folded to a handy size for transport.



### ► 2290

#### ESD tool set PROFI repair set 28 pcs

Handy tool flap bag made from dissipative synthetic leather. The bag has a total of 24 rubber loops for holding tools and other parts. Thanks to its design, the tool area can be set up with a Velcro loop, which significantly improves access to the tools. The bag has two press studs that can be connected to a wrist strap and a earthing cable (included), which allows each workstation to be converted to an ESD workstation.

The large support surface (480 x 340 mm) offers enough space to safely handle sensitive electronic components. For transport, the bag can be quickly folded to a handy size and closed with a rubber band. EPA suitable for electrostatically protected areas (ESD workplaces/ESD protected zones).

Art.-No.	Content
2291	ESD dissipative folding bag 22 empty pockets
4-603	ESD screwdriver slot blade 1.5 x 0.25 x 60 mm
4-605	ESD screwdriver slot blade 2.0 x 0.40 x 60 mm
4-621	ESD screwdriver cross-recess PH000
4-622	ESD screwdriver cross-recess PH00
9-342-1	ESD contact bracelet blue
9-342-2	ESD spiral cord for bracelet 2.5 m black
9-353	ESD crocodile clip
9-343-1	ESD grounding cable 1 MOhms, 1500 mm 2 press-studs 10/10 mm
2-124	Opening tool BERNSTEIN metal opener flat
2-123	ESD crowbar SPUDGER metal opener flat

Art.-No.	Content
2-111	LCD suction cup with ring
5-059-13	ESD SMD tweezers 120 mm stainless steel dissipative
5-055-13	ESD SMD tweezers 120 mm stainless steel angle 40° dissipative
2-129-1	opening tool triangle orange (6 pcs)
2-129-2	opening tool darts orange (3 pcs)
2-129-3	opening tool pen pointed orange
6-611	ESD socket wrench 1.5 mm
6-661	ESD torx screwdriver T5
6-662	ESD torx screwdriver T6
6-721	ESD screwdriver pentalobe TS1
6-724	ESD screwdriver pentalobe TS4





tool folder (closed)  
270 x 160 x 60 mm



without tools: 480 g  
with tools: 740 g



28 tools



ESD tool set PROFi Repair with tools **2290**  
ESD tool set PROFi Repair without tools **2291**



## ELECTRONIC TOOL CASE

### ► 6900

#### ESD tool case EPA 33 pcs

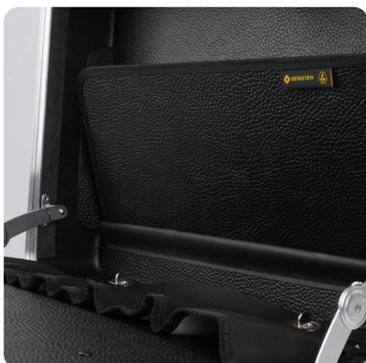
A dissipative ESD tool case with an extensive array of ESD special tools. Ideal for electrostatically sensitive components and systems. This is the only dissipative tool case in a large size that is made completely of dissipative materials! This high-quality ESD case also offers all the advantages of a standard tool case.

The case shells, tool boards and the dividable bottom shell are made of dissipative material and comply with DIN EN IEC Standard 10 00 15 Part 5. The tools have been successfully tested by several test laboratories in

accordance with DIN EN 61 340-5-1, 61 340-2-1 and 61 340-2-3 for work in ESD protected areas. The sturdy case shells are pressed with a sturdy double aluminium frame. 32 tools are stored close to hand in insertable compartments on two panels, one of which can be fitted on both sides. The lid of the case contains a document compartment for storing written documents. The dividable tray in the bottom of the case allows additional tools and instruments to be stored. The case has two locks and a combination lock.

Art.-No.	Content
6915	ESD dissipative tool case EPA 42 empty pockets
2-101	Tin knife with ceramic blade
2-265-1	Test prod red blade 1 mm
2-265-2	Test prod black blade 1 mm
2-620	PLCC-extractor
3-654-15	ESD side cutters EUROline semi flush 125 mm
3-672-15	ESD end cutters EUROline flush 130 mm
3-682-15	ESD flat nose pliers EUROline not serrated jaws 130 mm
3-133-13	ESD side cutters 14 5 mm dissipative
3-245-13	ESD telephone pliers serrated jaws 200 mm dissipative
3-732-13	ESD combination pliers with serration dissipative
4-603	ESD screwdriver slot blade 1.5 x 0.25 x 60 mm
4-605	ESD screwdriver slot blade 2.0 x 0.40 x 60 mm
4-606	ESD screwdriver slot blade 2.5 x 0.4 x 60 mm
4-609	ESD screwdriver slot blade 2,5 x 0,4 x 60 mm
4-621	ESD screwdriver cross-recess PH000
4-622	ESD screwdriver cross-recess PH00
4-623	ESD screwdriver cross-recess PH0

Art.-No.	Content
4-632	ESD screwdriver slot blade 4.0 x 0.8 x 100 mm
4-633	ESD screwdriver slot blade 5.5 x 1.0 x 125 mm
4-652	ESD screwdriver cross-recess PH1
4-653	ESD screwdriver cross-recess PH2
5-191	ESD plastic tweezers 120 mm form 2a tips 2 mm wide
5-192	ESD plastic tweezers 120 mm form F tips 3 mm wide
5-194	ESD plastic tweezers 120 mm form 6
6-611	ESD socket wrench 1.5 mm
6-612	ESD socket wrench 2.0 mm
6-617	ESD socket wrench 4.0 mm
6-621	ESD socket wrench 5.5 mm
6-659	ESD torx screwdriver T4
6-661	ESD torx screwdriver T5
6-662	ESD torx screwdriver T6
6-663-L	ESD torx screwdriver T7
6-665-L	ESD torx screwdriver T9 with hole
7-422	ESD brush bristles width 20 mm





Outer dimension : 500 x 370 x 210 mm  
Inner dimension: 480 x 320 x 190 mm



without tools: 5800 g  
with tools: 6900 g



33 tools



**6900** ESD tool case EPA with tools  
**6915** ESD tool case EPA without tools

## ELECTRONICS TOOL CASE



### ► 6950

#### ESD Werkzeugkoffer EPA 40-tlg

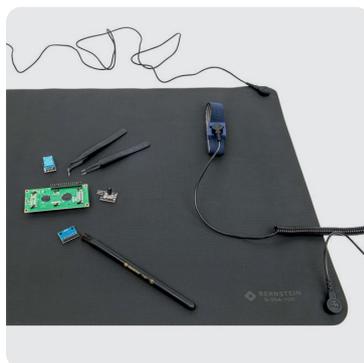
A dissipative ESD tool case with an extensive equipment of ESD special tools. Ideal for electrostatically sensitive components and systems. This high-quality ESD case offers all the advantages of a standard tool case but is the only large-format tool case made of dissipative materials!

The case shells, tool boards and the variably subdivided bottom tray are made of dissipative material and comply with DIN EN IEC Standard 10 00 15 Section 5. The tools have been successfully tested by several test labo-

ratories in accordance with DIN EN 61340-5-1, 61340-2-1 and 61340-2-3 for work in ESD-protected areas. The robust case shells are pressed with a stable double aluminium frame. On two panels, one of which can be fitted on both sides, 32 tools are stored in insertable compartments, ready to hand. The lid of the case contains a document compartment for storing written documents. The freely divisible tray in the bottom of the case allows additional tools and instruments to be stored. The case has 2 locks and a combination lock.

Art.-No.	Content
6915	ESD tool case EPA 42 empty pockets
1-909	Engineer mirror with extension Ø 23 mm
2-101	Tin knife with ceramic blade
2-113	ESD opening tool
2-123	ESD crowbar SPUDGER metal opener flat
2-126	ESD desoldering lever with slot 0.7×2.0 mm
2-155-13	ESD claw-type gripper with 3 hardened wire claws, dissipative
2-265-1	Test prod red blade 1 mm
2-265-2	Test prod black blade 1 mm
2-298	ESD hand magnifier 5x magnification LED
3-651-15	ESD mini side cutters EUROline dissipative 120 mm flush
3-672-15	ESD end cutters EUROline dissipative 130 mm flush
3-682-15	ESD flat nose pliers EUROline dissipative 130mm smooth gripping jaws
4-603	ESD screwdriver slot blade 1.5×0.25×60 mm
4-605	ESD screwdriver slot blade 2.0×0.4×60 mm
4-607	ESD screwdriver slot blade 3.0×0.5×60 mm
4-621	ESD screwdriver Phillips PH000
4-622	ESD screwdriver Phillips PH00
4-623	ESD screwdriver Phillips PH0
4-624	ESD screwdriver Phillips PH1
5-049-13	ESD SMD tweezers 110 mm form 4, steel, dissipative

Art.-No.	Content
5-055-13	ESD SMD tweezers 120 mm form 7a, steel, angle 40° dissipative
5-079-13	ESD cutting tweezers (oblique) 115 mm form 15 AGW, dissipative
5-519	ESD cutter knife dissipative
5-352	ESD scissors with dissipative handle
5-542	ESD precision stripper Ø 0,25-0,80 mm
6-656	ESD screwdriver TORX T1
6-657	ESD screwdriver TORX T2
6-658	ESD screwdriver TORX T3
6-659	ESD screwdriver TORX T4
6-661	ESD screwdriver TORX T5#
6-662	ESD screwdriver TORX T6
7-421	ESD brush bristles Ø 6 mm
9-342-1	ESD contact bracelet blue
9-342-2	ESD spiral cord for bracelet 2.5m black
9-343-1	ESD grounding cable 1 MOhm, 1800 mm 2 press-studs 10/10 mm
9-353	ESD crocodile clip
9-354-100	ESD table mat black (500×400×0.5) with 2×10 mm press button
9-359-2	ESD earth bonding plug 2×10 mm and M5 socket
9-321	ESD boxes for SMD components 5pcs (inside measures 16×12×15 mm)
9-322	ESD boxes for SMD components 5pcs (inside measures 37×12×15 mm)





Outer dimension: 500 x 370 x 210 mm



without tools: 5800 g  
with tools: 6900 g



40 tools



**6950** ESD tool case EPA with tools  
**6915** ESD tool case EPA without tools

## SERVICE SET NETWORK

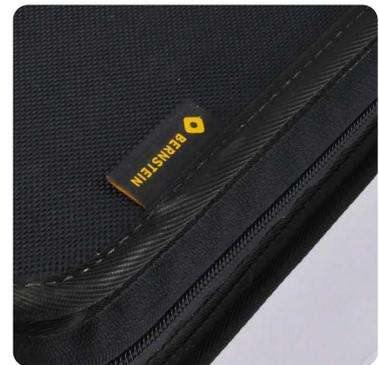
### ► 2700

#### Tool zipper case NETWORK 23 pcs

Special tools set for building and servicing networks. 23 special tools are clearly stored and close at hand in the rugged, black nylon zip case. On the back of the middle flap is a clamp compartment for documents.

Art.-No.	Content
2701	Zipper bag 28 empty pockets
2-601	IC-tweezers 125 mm
3-603-15	ESD side cutters CLASSICline semi flush 115 mm
3-235-16	Telephone pliers 160 mm with serration jaws length 55 mm
3-815-16	Wire stripper with adjusting screw and opening spring
3-0605	Combination crimping pliers
3-0611	Crimping pliers for BNC and TNC coaxial connectors
4-522	Screwdriver EUROline-Power slot blade 3.0 x 0.5 x 75 mm
4-504	Screwdriver EUROline-Power slot blade 5.5 x 1.0 x 100 mm
4-532	Screwdriver EUROline Power cross-recess PH0
4-533	Screwdriver EUROline Power cross-recess PH1
4-534	Screwdriver EUROline Power cross-recess PH2

Art.-No.	Content
5-161	Clamping scissors with teething jaws
5-535	Coax cable stripper Ø 4.8 - 7.5 mm
4-775	Socket wrenches handle plastic spring-haft
6-200	Socket wrench set 8 pcs
6-985-L	Screwdriver EUROline-Power TORX T10 with hole
6-986-L	Screwdriver EUROline-Power TORX T15 with hole
6-987-L	Screwdriver EUROline-Power TORX T20 with hole
8-390	Desoldering suction pump PRAKTIK 20 mm diameter RD-7376
8-376	Gas soldering iron Independent 75





Outer dimensions (closed):  
320 x 250 x 100 mm



without tools: 890 g  
with tools: 2700 g



23 tools



tool zipper case NETWORK with tools **2700**  
tool zipper case NETWORK without tools **2701**



# TOOL CASE

# PERFORMANCE

## THERE'S MORE IN IT



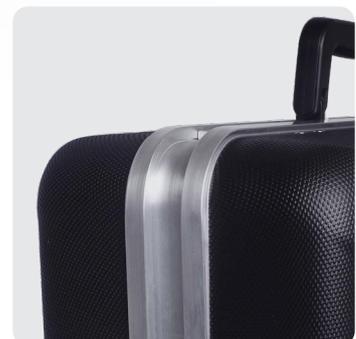
## OUTSIDE

The PERFORMANCE case strikes a good balance between price and performance. Reduced to the most important functions, it represents an inexpensive alternative to the PROTECTION.

The use of X-ABS plastic with an extremely non-slip surface makes the case more resistant to external influences. The impact resistant and break-proof material also makes the suitcase „airworthy“ as it withstands the harsh handling checked luggage is subjected to.

The sturdy aluminium frame and ratchet hinges with a case lid locking add the finishing touches to the look of this high-quality and functional tool case.

Case shell made of robust X-ABS plastic and stable aluminum profile frame



**The PERFORMANCE case includes the following:**

The lid has a built-in tool panel with 22 compartments on the front and back. The bottom shell is available in two designs:



**4415**  
Floor panel with 32 compartments, optimal for many small tools  
54 insertion options

## INSIDE

The tool panels made from CONPEARL® with stitched fabric pockets are sturdy and washable. The base tray is divided with removable partitions.

stable handle



divisible bottom shell



tilt locks



Outer dimension: 480 x 350 x 190 mm  
Inner dimension: 460 x 320 x 180 mm



**4415:** 3900 g

## TOOL SET BASIC, ADVANCED AND COMPLETE

### ► 5000-BAS

#### Tool case BASIC 51 pcs

Basic equipment with the most important tools (BASIC), expanded basic equipment with additional crimping/pressing pliers and other important screwdrivers (ADVANCED), expanded basic equipment with supplementary equipment for mobile soldering (COMPLETE).

The PERFORMANCE case strikes a good balance between price and performance. Reduced to the most important functions, it represents an

inexpensive alternative to PROTECTION. The use of X-ABS plastic with an extremely non-slip surface makes the case resistant to external influences. The impact resistant and break-proof material also makes the suitcase „airworthy“ as it withstands the harsh handling checked luggage is subjected to. The sturdy aluminium frame and ratchet hinges with case lid locking add the finishing touches to the look of this high-quality and functional tool case.

basic equipment:

Art.-No.	Content
5015	Tool case PERFORMANCE 28 empty pockets
3-0856	Crimping pliers/wire stripper
3-575-6	Water pump pliers 240 mm
3-601-15	ESD side cutters CLASSICline semi flush 115 mm
4-343-VDE	Voltage tester slot blade 3.0 x 0.7 x 60 mm
4-392	Watchmaker screwdriver magazin 6 pcs (1.5 - 2.0 - 2.5 - 3.0 - PH0 + handle)
4-508	Screwdriver EUROline-Power slot blade 8.0 x 1.2 x 150 mm
4-524	Screwdriver EUROline-Power slot blade 5.0 x 1.0 x 150 mm
5-107-6	Tweezers 150 mm form 22b teething,insulated
5-240	Warding files set 6 pcs (flat, round, blunt, pointed, 3-edge, 4-edge)
5-505	Stripping knife Ø 4 - 28 mm with hook blade
6-500	Double open-ended wrench set 8 pcs (6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 - 22)
6-820	Wrench key set 8 pcs (1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 5.5 - 6.0)

Art.-No.	Content
7-116	Engineer hammer to DIN 1041, 300 g
7-235	Flat chisel 200 x 14 x 20 mm
7-255	Electrician's chisel with safety impact head 200 x 8 x 10 mm
7-316	Punch blade Ø 6 mm blade length 100 mm
7-502	Folding rule 2 meter wood
7-535	Spirit level 225 mm
7-616	PUK saw in case
13-906-VDE	Side cutters 160 mm
13-915-VDE	Telephone pliers 160 mm serrated jaws straight With wire cutters
13-936-VDE	Combination pliers 160 mm with serration
14-653-VDE	Screwdriver slot blade 4.0 x 100 mm
14-651-VDE	Screwdriver slot blade 2.5 x 75 mm
14-652-VDE	Screwdriver slot blade 3.5 x 100 mm
14-682-VDE	Screwdriver cross-recess PH1 Ø 4.5 mm
14-683-VDE	Screwdriver cross-recess PH2 Ø 6.0 mm

### ► 5000-ADV

#### Tool case ADVANCED 67 pcs

Extension of tool case BASIC

Art.-No.	Content
5000-BAS	Basic equipment
3-0612	Automatic crimping pliers 0,5 - 1,0 / 1,54 - 2,5 / 4 - 6 mm <sup>2</sup>
3-871-6	Pressing pliers 155 mm for wire 0.25-2.5 mm <sup>2</sup>
6-200	Socket wrench set 8 pcs (4 - 5.5 - 6 - 7 - 8 - 9 - 10 + handle)
6-995	TORX wrench key set with hole 8 pcs (T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40)

### ► 5000-COM

#### Tool case COMPLETE 72 pcs

Extension of tool case BASIC including soldering tools

Art.-No.	Content
5000-BAS	Basic equipment
3-0612	Automatic crimping pliers 0,5 - 1,0 / 1,54 - 2,5 / 4 - 6 mm <sup>2</sup>
3-871-6	Pressing pliers 155 mm for wire 0.25-2.5 mm <sup>2</sup>
6-200	Socket wrench set 8 pcs (4 - 5.5 - 6 - 7 - 8 - 9 - 10 + handle)
6-995	TORX wrench key set with hole 8 pcs (T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40)
7-429	Insulating tape 25 mm wide, 25 m (12 mm core)
8-390	Desoldering suction pump PRAKTIK 20 mm diameter RD-7376
8-376	Gas soldering iron Independent 75 (replacement tips on request)





## BASIC SET OF COMMON SECURITY TOOLS

### ► 8200-VDE Tool case 22 pcs

Our VDE tools are tested according to VDE EN 60900 / IEC 60900 (piece by piece) and are approved for working under voltage up to 1000 volts. The insulations are REACH compliant and phthalate free.

basic equipment:

Art.-No.	Content
5015	Tool case PERFORMANCE 28 empty pockets
13-908-VDE	Side cutters 195 mm
13-917 -VDE	Telephone pliers 200 mm serrated jaws straight with wire cutter
13-937 -VDE	Combination pliers 185 mm with serration
14-651 -VDE	Screwdriver slot blade 2.5×75 mm
14-653 -VDE	Screwdriver slot blade 4.0×100 mm
14-654 -VDE	Screwdriver slot blade 5.5×125 mm
14-656-VDE	Screwdriver slot blade 6.5×150 mm
14-682 -VDE	Screwdriver cross-recess PH1
14-683 -VDE	Screwdriver cross-recess PH2
14-692 -VDE	Screwdriver cross-recess PZ1
14-693 -VDE	Screwdriver cross-recess PZ2

Art.-No.	Content
15-521 -VDE	Cable knife blade length 50 mm
5-505	Stripping knife Ø 4-28 mm with hook blade
15-531-VDE	Automatic wire stripper (0.2-6.0m <sup>2</sup> ) with stop screw
17-523-VDE	Plastic clip with spiral spring inside
17-541-VDE	Metal saw 150 mm saw blade
7-116	Engineer hammer to DIN 1041, 300 g
7-235	Flat chisel 200×14×20 mm
7-255	Electrician's chisel with safety impact head
7-405	Trowel 50 mm wide
7-410	Slicker trowel 16 mm wide
7-426	Flat brush with wooden handle, bristle width 40 mm



Outer dimension: 480 × 350 × 190 mm  
Inner dimension: 460 × 320 × 180 mm



without tools: 3900 g  
8200-VDE: 7100 g



**8200-VDE** tool case 22 pcs  
**5015** tool case PERFORMANCE without tools

# TOOL CASE

# PROTECTION

## BE WELL CARED



ergonomic handle



## OUTSIDE

The compact shape and the textured surface provide the case with a high degree of stability and give it its unmistakable BERNSTEIN design.

The use of X-ABS plastic with an extremely non-slip surface makes the case more resistant to external influences. The impact resistant and break-proof material also makes the suitcase „airworthy“ as it withstands the harsh handling checked luggage is subjected to.

The ergonomically shaped handle with a recess and ratchet hinges with case lid locking add the finishing touches to the look of this highly functional and modern tool case.

Case shell made of robust X-ABS plastic



**The PROTECTION case includes the following:**

A document compartment is located in the lid as well as a removable tool panel with 26 compartments on the front and back. The bottom shell is available in two designs:



**6415**  
Floor panel with 32 compartments, optimal for many small tools  
58 insertion options



**6755**  
Floor panel with 16 compartments  
42 insertion options

Document compartment in case lid



**OPTIONAL:**  
additional tool board with 10 compartments



divisible bottom tray

## INSIDE

The tool panels made from CONPEARL® with stitched fabric pockets are sturdy, washable and interchangeable. The bottom tray can be divided with removable partitions.



Outer dimension: 480 × 350 × 190 mm  
Inner dimension: 460 × 320 × 180 mm



**6415:** 4400 g  
**6755:** 4300 g

tilt locks

on request with TSA-LOCK- (for USA travellers) or combination locks available



## TOOL SET PC CONTACT

### ► 6100

#### Tool case PC-CONTACT 65 pcs

A service case with tools for installing and servicing computers and peripheral equipment.

The compact shape and the textured surface provide the case with a high degree of stability and give it its unmistakable Bernstein design. The use of X-ABS plastic with an extremely non-slip surface makes the case resistant

to external influences. The impact resistant and break-proof material also makes the suitcase „airworthy“ as it withstands the harsh handling checked luggage is subjected to. The ergonomically shaped handle with recessed grips and ratchet hinges with case lid locking add the finishing touches to the look of this highly functional and modern tool case.

Art.-No.	Content
6415	Tool case PROTECTION 58 empty pockets
2-127	ESD tin knife pointed sharp blade
2-132	Spring puller 175 mm
2-161	Scriber, magnetic lifter with telescopic slide-out
2-166	Glass fibre contact cleaner brush Ø 4 mm
2-265-1	Test prod red blade 1 mm
2-265-2	Test prod black blade 1 mm
2-275	Magnifying mirror Ø 21 mm 180 mm long
2-601	IC-tweezers 125 mm
2-620	PLCC-extractor
3-601-15	ESD side cutters CLASSICline semi flush 115 mm
3-606-15	ESD side cutters CLASSICline flush 120 mm
3-632-15	ESD flat nose pliers CLASSICline not serrated jaws 120 mm
3-633-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
3-634-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
4-331	Screwdriver slot blade 6.0 × 1.0 × 65 mm
4-343-VDE	Voltage tester slot blade 3.0 × 0.7 × 60 mm
4-522	Screwdriver EUROline-Power slot blade 3.0 × 0.5 × 75 mm
4-523	Screwdriver EUROline-Power slot blade 4.0 × 0.8 × 100 mm
4-533	Screwdriver EUROline Power cross-recess PH1
4-542	Screwdriver EUROline Power cross-recess PZ0
4-543	Screwdriver EUROline Power cross-recess PZ1
4-603	ESD screwdriver slot blade 1.5 × 0.25 × 60 mm
4-607	ESD screwdriver slot blade 3.0 × 0.5 × 60 mm

Art.-No.	Content
4-621	ESD screwdriver cross-recess PH000
4-622	ESD screwdriver cross-recess PH00
4-623	ESD screwdriver cross-recess PH0
4-624	ESD screwdriver cross-recess PH1
5-107	Anatomical tweezers 150 mm form 22b
5-117	Anatomical tweezers 145 mm form 40 serrated
5-210	Needle files set 6 pcs (flat, round, blunt, pointed, 3-edge, 4-edge)
5-305	Scissors 140 mm
6-200	Socket wrench set 8 pcs (4 - 5.5 - 6 - 7 - 8 - 9 - 10 + handle)
6-661	ESD torx screwdriver T5
6-663 L	ESD torx screwdriver T7
6-750	Special double open-end wrench set 6 pcs (3 × 3.5/4 × 4.5/5 × 5.5/6 × 6.5/7 × 8/9 × 10)
6-771	Adjustable wrench 0 - 13 mm
6-820	Wrench key set 8 pcs (1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 5.5 - 6.0)
6-984 L	Screwdriver EUROline-Power TORX T9 with hole
6-985 L	Screwdriver EUROline-Power TORX T10 with hole
6-986 L	Screwdriver EUROline-Power TORX T15 with hole
7-426	Flat brush with wooden handle, bristle width 40 mm



Outer dimension: 480 × 350 × 190 mm  
Inner dimension: 460 × 320 × 180 mm



without tools: 4400 g  
with tools: 6100 g



65 tools



**6100** tool case PC-CONTACT with tools  
**6415** tool case PC-CONTACT without tools

## TOOL SET TECHNIC

### ► 6400

#### Tool case TECHNIK 78 pcs

A toolbox for technicians. All the tools are clearly arranged on two tool panels. The compact shape and the textured surface provide the case with a high degree of stability and give it its unmistakable Bernstein design. The use of X-ABS plastic with an extremely non-slip surface makes the case resistant to external influences. The impact resistant and break-proof ma-

terial also makes the suitcase „airworthy“ as it withstands the harsh handling checked luggage is subjected to. The ergonomically shaped handle with recessed grips and ratchet hinges with case lid locking add the finishing touches to the look of this highly functional and modern tool case.

Art.-No.	Content
6415	Tool case PROTECTION 58 empty pockets
1-909	Engineer mirror with extension Ø 23 mm
1-153	Plastic adjusting screwdriver slot blade 2×0.7×130 mm Trimmer
2-126	ESD desoldering lever slotted at one ends
2-127	ESD tin knife pointed sharp blade
2-128	ESD tin scraper sharp chisel form
2-132	Spring puller 175 mm
2-161	Scriber, magnetic lifter with telescopic slide-out
2-265-1	Test prod red blade 1 mm
2-265-2	Test prod black blade 1 mm
2-601	IC-tweezers 125 mm
3-132-16	Side cutters 130 mm
3-601-15	ESD side cutters CLASSICline semi flush 115 mm
3-606-15	ESD side cutters CLASSICline flush 120 mm
3-631-15	ESD round nose pliers CLASSICline not serrated jaws 120 mm
3-632-15	ESD flat nose pliers CLASSICline not serrated jaws 120 mm
3-634-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
3-732-16	Combinations pliers 165 mm with serration
4-261	Screwdriver short cross-recess PH1
4-301	Lilliput screwdriver slot blade 2.0(+/-0.2)×0.5×40mm
4-311	Screwdriver slot blade 2.8 × 0.6 × 80 mm
4-321	Screwdriver short slot blade 4.0 × 0.8 × 25 mm
4-343-VDE	Voltage tester slot blade 3.0 × 0.7 × 60 mm
4-351	Offset screwdriver slot blade 4.5 × 0.65 × 100 mm
4-366-AL	Watchmaker screwdriver cross-recess PH00
4-392	Watchmaker screwdriver magazin 6 pcs (1.5 - 2.0 - 2.5 - 3.0 - PH0 + handle)
5-006	Component tweezers 145 mm jaws insulated
5-049	SMD tweezers 110 mm form 4 stainless steel

Art.-No.	Content
5-107	Anatomical tweezers 150 mm form 22b
5-115	Thermal tweezers 165 mm form R30 cross tweezers
5-117	Anatomical tweezers 145 mm form 40 serrated
5-161	Clamping scissors with teething jaws
5-181	Wire scraper tweezers 125 mm
5-210	Needle files set 6 pcs (flat, round, blunt, pointed, 3-edge, 4-edge)
5-301	Scissors with teething
5-501	Cable knife (open 200 mm)
6-200	Socket wrench set 8 pcs (4 - 5.5 - 6 - 7 - 8 - 9 - 10 + handle)
6-750	Special double open-end wrench set 6 pcs (3×3.5/4×4.5/5×5.5/6×6.5/7×8/9×10)
6-820	Wrench key set 8 pcs (1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 5.5 - 6.0)
7-426	Flat brush with wooden handle, bristle width 40 mm
7-435	Oiler with brass rotating seal 40 ml
7-508	Steel tape measure 30 cm
7-511	Digital caliper DIN862 precision 150 mm
7-616	PUK saw in case
14-651-VDE	Screwdriver slot blade 2.5 × 75 mm
14-653-VDE	Screwdriver slot blade 4.0 × 100 mm
14-654-VDE	Screwdriver slot blade 5.5 × 125 mm
14-681-VDE	Screwdriver cross-recess PH0 Ø 3.0 mm
14-692-VDE	Screwdriver cross-recess PZ1 Ø 4.5 mm
15-531-VDE	Automatic wire stripper (0.2 - 6.0 mm <sup>2</sup> ) with stop screw



Outer dimension: 480 × 350 × 190 mm  
Inner dimension: 460 × 320 × 180 mm



without tools: 4400 g  
with tools: 7100 g



78 tools



**6400** tool case TECHNIK with tools  
**6415** tool case TECHNIK without tools

## TOOL SET TELEDATA

### ► 6700

#### Tool case TELEDATA 75 pcs

The case with special tools for installing and servicing telecommunication systems, data networks and for working with VDE-insulated tools.

The compact shape and the textured surface provide the case with a high degree of stability and give it its unmistakable Bernstein design. The use of X-ABS plastic with an extremely non-slip surface makes the case resistant

to external influences. The impact resistant and break-proof material also makes the suitcase „airworthy“ as it withstands the harsh handling checked luggage is subjected to. The ergonomically shaped handle with recessed grips and ratchet hinges with case lid locking add the finishing touches to the look of this highly functional and modern tool case.

Art.-No.	Content
6755	Tool case PROTECTION 52 empty pockets
2-265-1	Test prod red blade 1 mm
2-265-2	Test prod black blade 1 mm
2-601	IC-tweezers 125 mm
2-620	PLCC-extractor
2-701	LSA-Plus insertion tool
3-573	Water pump pliers 180 mm with push-button
3-601-15	ESD side cutters CLASSICline semi flush 115 mm
3-0605	Combination crimping pliers
5-107	Anatomical tweezers 150 mm form 22b
5-117	Anatomical tweezers 145 mm form 40 serrated
5-240	Warding files set 6 pcs (flat, round, blunt, pointed, 3-edge, 4-edge)
5-505	Stripping knife Ø 4 - 28 mm with hook blade
6-500	Double open-ended wrench set 8 pcs (6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 20 - 22)
6-600	Combination wrench set 12 pcs (6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22)
6-950	Ballpoint wrench key set 9 pcs (1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 6.0 - 8.0 - 10.0)
6-995	TORX wrench key set with hole 8 pcs (T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40)

Art.-No.	Content
7-426	Flat brush with wooden handle, bristle width 40 mm
7-506	Tape measure 2 m
7-616	PUK saw in case
9-316	ESD chip-container 57 × 36 × 17 mm
13-906-VDE	Side cutters 160 mm
13-915-VDE	Telephone pliers 160 mm serrated jaws straight With wire cutters
13-927-VDE	Flat nose pliers 160 mm with serration
13-936-VDE	Combination pliers 160 mm with serration
14-651-VDE	Screwdriver slot blade 2.5 × 75 mm
14-652-VDE	Screwdriver slot blade 3.5 × 100 mm
14-653-VDE	Screwdriver slot blade 4.0 × 100 mm
14-681-VDE	Screwdriver cross-recess PH0 Ø 3.0 mm
14-682-VDE	Screwdriver cross-recess PH1 Ø 4.5 mm
14-683-VDE	Screwdriver cross-recess PH2 Ø 6.0 mm
14-695-VDE	Combination screwdriver cross-recess PZ/S1
16-299-VDE	Socket wrench 4.0 mm
16-301-VDE	Socket wrench 5.0 mm
16-302-VDE	Socket wrench 5.5 mm

► For more VDE tools in practical sets see the VDE brochure



Outer dimension: 480 × 350 × 190 mm  
Inner dimension: 460 × 320 × 180 mm



without tools: 4300 g  
with tools: 8600 g



75 tools



**6700** tool case TELEDATA with tools  
**6755** tool case TELEDATA without tools

## TOOL SET SECURITY

### ► 6750

#### Tool case SECURITY 60 pcs

The case with special tools for installing and servicing telecommunication systems, data networks and for working with VDE-insulated tools.

The compact shape and the textured surface provide the case with a high degree of stability and give it its unmistakable Bernstein design. The use of X-ABS plastic with an extremely non-slip surface makes the case resistant

to external influences. The impact resistant and break-proof material also makes the suitcase „airworthy“ as it withstands the harsh handling checked luggage is subjected to. The ergonomically shaped handle with recessed grips and ratchet hinges with case lid locking add the finishing touches to the look of this highly functional and modern tool case.

Art.-No.	Content
<b>6755</b>	Tool case PROTECTION 52 empty pockets
<b>2-265-1</b>	Test prod red blade 1 mm
<b>2-265-2</b>	Test prod black blade 1 mm
<b>2-701</b>	LSA-Plus insertion tool
<b>3-601-15</b>	ESD side cutters CLASSICline semi flush 115 mm
<b>3-0611</b>	Crimping pliers for BNC and TNC coaxial connectors
<b>4-343-VDE</b>	Voltage tester slot blade 3.0 × 0.7 × 60 mm
<b>5-505</b>	Stripping knife Ø 4 - 28 mm with hook blade
<b>5-515</b>	Cutter knife 140 mm
<b>5-535</b>	Coax cable stripper Ø 4.8 - 7.5 mm
<b>6-600</b>	Combination wrench set 12 pcs (6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22)
<b>6-950</b>	Ballpoint wrench key set 9 pcs (1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 6.0 - 8.0 - 10.0)
<b>6-995</b>	TORX wrench key set with hole 8 pcs (T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40)
<b>7-116</b>	Engineer hammer to DIN 1041, 300 g
<b>7-426</b>	Flat brush with wooden handle, bristle width 40 mm
<b>7-506</b>	Tape measure 2 m
<b>7-535</b>	Spirit level 225 mm
<b>7-616</b>	PUK saw in case

Art.-No.	Content
<b>8-376</b>	Gas soldering iron Independent 75
<b>8-390</b>	Desoldering suction pump PRAKTIK 20 mm diameter RD-7376
<b>13-906-VDE</b>	Side cutters 160 mm
<b>13-915-VDE</b>	Telephone pliers 160 mm serrated jaws straight With wire cutters
<b>13-927-VDE</b>	Flat nose pliers 160 mm with serration
<b>13-936-VDE</b>	Combination pliers 160 mm with serration
<b>14-651-VDE</b>	Screwdriver slot blade 2.5 × 75 mm
<b>14-652-VDE</b>	Screwdriver slot blade 3.5 × 100 mm
<b>14-653-VDE</b>	Screwdriver slot blade 4.0 × 100 mm
<b>14-681-VDE</b>	Screwdriver cross-recess PH0 Ø 3.0 mm
<b>14-682-VDE</b>	Screwdriver cross-recess PH1 Ø 4.5 mm
<b>14-683-VDE</b>	Screwdriver cross-recess PH2 Ø 6.0 mm
<b>14-695-VDE</b>	Combination screwdriver cross-recess PZ/S1
<b>15-531-VDE</b>	Automatic wire stripper (0.2 - 6.0 mm <sup>2</sup> ) with stop screw
<b>16-299-VDE</b>	Socket wrench 4.0 mm
<b>16-301-VDE</b>	Socket wrench 5.0 mm
<b>16-302-VDE</b>	Socket wrench 5.5 mm



# SERVICE CASE

# PROTECTION XL

**THE BIG ONE -  
WITH AND  
WITHOUT  
WHEELS**



## OUTSIDE

The rigid and robust roller case for heavy loads. With a double aluminium frame and the break-resistant X-ABS case shells, the case can carry loads of up to 40 kg and is also airworthy. The 4-fold telescopic pull-out is powder-coated and has an ergonomic handle that is form-fitting with the case handle. The wide wheelbase and the rubberised and mounted rollers allow the PROTECTION XL to also master uneven paths. The ratchet hinges with case lid lock come as standard with our tool cases.



handle and  
pull-out closed  
in one

The PROTECTION XL case is available with or without wheels. Both versions can be supplied with the following interior equipment:

A document compartment is located in the lid. The bottom panel is securely fixed to the dividable bottom shell.



**6515 / 6515-R**  
the mobile workshop in a case with 90 compartments, optimal for many small tools



**6615 / 6615-R**  
equipment with 42 compartments



**7015**  
equipment with 58 compartments, optimal for many small tools

## INSIDE

The tool panels made from CONPEARL® with stitched fabric pockets are sturdy, washable and interchangeable. The bottom tray can be divided with removable partitions.



4-fold telescopic pull-out 1020 mm pull-out height

rubberized, stored wheels



88 mm high and divisible bottom tray



**OPTIONAL:**  
additional tool board with 10 compartments



Document compartment in case lid



Outer dimension:  
480 × 350 × 190 mm  
Inner dimension:  
460 × 320 × 180 mm



**6515:** 5800 g  
**6515-R:** 8200 g  
**6615:** 4900 g  
**6615-R:** 7350 g  
**7015:** 7400 g

tilt locks

on request with  
**TSA-LOCK-** (for USA travellers)  
or combination locks available



## TOOL SET BOSS

### ► 6500

#### Tool case BOSS 113 pcs

### ► 6500-R

#### Tool case BOSS with wheels 113 pcs

The mobile workshop in a case. The rigid and robust roller case for heavy loads. With a double aluminium frame and the breakresistant X-ABS case shells, the case can carry loads of up to 40 kg and is also airworthy. The 4-fold telescopic pull-out is powder-coated and has an ergonomic handle that is form-fitting with the case handle.

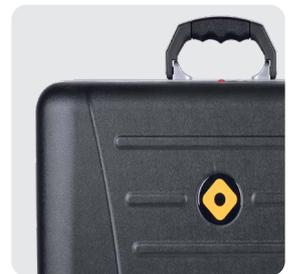
The wide wheelbase and the rubberised and mounted rollers allow the PROTECTION XL to also master uneven paths. The ratchet hinges with case lid lock come as standard with our tool cases.

Art.-No.	Content
6515	tool case PROTECTION XL BOSS 90 empty pockets
1-151	plastic adjusting screwdriver slot blade 3 × 0.5 × 40 mm
1-153	plastic adjusting screwdriver slot blade 2 × 0.7 × 130 mm
1-155	plastic adjusting screwdriver slot blade 3.5 × 0.7 × 130 mm
1-909	engineer mirror with extension Ø 23 mm
2-126	ESD desoldering lever slotted at one ends
2-127	ESD tin knife pointed sharp blade
2-128	ESD tin scraper sharp chisel form
2-132	spring puller 175 mm
2-155	claw-type gripper with 3 hardened wire claws
2-161	scriber, magnetic lifter with telescopic slide-out
2-166	glass fibre contact cleaner brush Ø 4 mm
2-265-1	test prod red blade 1 mm
2-265-2	test prod black blade 1 mm
2-296	hand magnifier 3 × magnification LED light
2-601	IC-tweezers 125 mm
2-620	PLCC-extractor
2-656	LED flashlight 143 × 19 mm
3-0856	crimping pliers wire stripper
3-132-16	side cutters 130 mm
3-235-16	telephone pliers 160 mm with serration jaws length 55 mm
3-601-15	ESD side cutters CLASSICline semi flush 115 mm
3-603-15	ESD side cutters CLASSICline semi flush 115 mm
3-606-15	ESD side cutters CLASSICline flush 120 mm
3-632-15	ESD flat nose pliers CLASSICline not serrated jaws 120 mm
3-633-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
3-634-15	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
3-732-16	combinations pliers 165 mm with serration
3-815-16	wire stripper with adjusting screw and opening spring
3-871-6	pressing pliers 155 mm for wire 0.25-2.5 mm <sup>2</sup>
4-301	Lilliput screwdriver slot blade 2.0(+/-0.2)×0.5×40mm
4-343-VDE	voltage tester slot blade 3.0 × 0.7 × 60 mm
4-351	offset screwdriver slot blade 4.5 × 0.65 × 100 mm

Art.-No.	Content
4-392	watchmaker screwdriver magazin 6 pcs (1.5 - 2.0 - 2.5 - 3.0 - PH0 + handle)
4-504	screwdriver EUROline-Power slot blade 5.5 × 1.0 × 100 mm
4-523	screwdriver EUROline-Power slot blade 4.0 × 0.8 × 100 mm
4-543	screwdriver EUROline Power cross-recess PZ1
4-603	ESD screwdriver slot blade 1.5 × 0.25 × 60 mm
4-605	ESD screwdriver slot blade 2.0 × 0.40 × 60 mm
4-606	ESD screwdriver slot blade 2.5 × 0.4 × 60 mm
4-607	ESD screwdriver slot blade 3.0 × 0.5 × 60 mm
4-608	ESD screwdriver slot blade 3.5 × 0.6 × 60 mm
4-621	ESD screwdriver cross-recess PH000
4-622	ESD screwdriver cross-recess PH00
4-623	ESD screwdriver cross-recess PH0
4-624	ESD screwdriver cross-recess PH1
5-006	component tweezers 145 mm jaws insulated
5-049	SMD tweezers 110 mm form 4 stainless steel
5-107	anatomical tweezers 150 mm form 22b
5-107-6	tweezers 150 mm form 22b teething,insulated
5-115	thermal tweezers 165 mm form R30 cross tweezers
5-117	anatomical tweezers 145 mm form 40 serrated
5-161	clamping scissors with teething jaws
5-181	wire scraper tweezers 125 mm
5-191	ESD plastic tweezers 120 mm form 2a tips 2 mm wide
5-194	ESD plastic tweezers 120 mm form 6
5-210	needle files set 6 pcs (flat, round, blunt, pointed, 3-edge, 4-edge)
5-301	scissors with teething
5-305	scissors 140 mm
5-501	cable knife (open 200 mm)
5-515	cutter knife 140 mm
4-775	socket wrenches handle plastic spring-haft
6-200	Socket wrench set 8 pcs (4-5-5-6-7-8-9-10+handle)
6-658	ESD torx screwdriver T3
6-659	ESD torx screwdriver T4

Art.-No.	Content
6-661	ESD torx screwdriver T5
6-662	ESD torx screwdriver T6
6-663 L	ESD torx screwdriver T7
6-664 L	ESD torx screwdriver T8
6-750	Special open-end wrench set 6 pcs (3×3.5/4×4.5/5×5.5/6×6.5/7×8/9×10)
6-771	adjustable wrench 0 - 13 mm
6-820	wrench key set 8 pcs (1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 5.5 - 6.0)
6-984 L	screwdriver EUROline-Power TORX T9 with hole
6-985 L	screwdriver EUROline-Power TORX T10 with hole
6-986 L	screwdriver EUROline-Power TORX T15 with hole

Art.-No.	Content
7-426	flat brush with wooden handle, bristle width 40 mm
7-506	tape measure 2 m
7-508	steel tape measure 30 cm
7-511	digital caliper DIN862 precision 150 mm
7-616	PUK saw in case



Inner dimension: 470 × 360 × 210 mm



with tools, portable: 10400 g  
with tools, rollable: 11900 g



113 tools



**6500-R** BOSS with tools, rollable  
**6515-R** BOSS without tools, rollable  
**6500** BOSS with tools, portable  
**6515** BOSS without tools, portable

## TOOL SET TELECOM

### ► 6600

#### Tool case TELECOM 124 pcs

### ► 6600-R

#### Tool case TELECOM with wheels 12 pcs

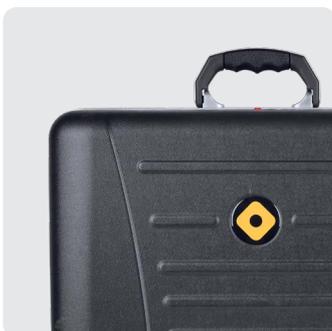
The case with special tools and test equipment for the installation and maintenance of complex telecommunications systems as well as for working with VDE-insulated tools.

The rigid and robust roller case for heavy loads. With a double aluminium frame and the break-resistant X-ABS case shells, the case can carry loads of up to 40 kg and is also airworthy. The 4-fold telescopic pull-out is pow-

der-coated and has an ergonomic handle that complements the case handle in a form-fit manner. The wide wheelbase and the rubberised and mounted rollers allow the PROTECTION XL to also master uneven paths. The ratchet hinges with case lid lock come as standard with our tool cases.

Art.-No.	Content
6615	Tool case PROTECTION XL 42 empty pockets
13-906-VDE	Side cutters 160 mm
13-915-VDE	Telephone pliers 160 mm serrated jaws straight with wire cutters
13-927-VDE	Flat nose pliers 160 mm with serration
13-936-VDE	Combination pliers 160 mm with serration
14-651-VDE	Screwdriver slot blade 2.5 × 75 mm
14-652-VDE	Screwdriver slot blade 3.5 × 100 mm
14-653-VDE	Screwdriver slot blade 4.0 × 100 mm
14-654-VDE	Screwdriver slot blade 5.5 × 125 mm
14-681-VDE	Screwdriver cross-recess PH0 Ø 3.0 mm
14-682-VDE	Screwdriver cross-recess PH1 Ø 4.5 mm
14-683-VDE	Screwdriver cross-recess PH2 Ø 6.0 mm
16-299-VDE	Socket wrench 4.0 mm
16-301-VDE	Socket wrench 5.0 mm
16-302-VDE	Socket wrench 5.5 mm
2-265-1	Test prod red blade 1 mm
2-265-2	Test prod black blade 1 mm
2-275	Magnifying mirror Ø 21 mm 180 mm
2-601	IC-tweezers 125 mm
2-656	PLCC-extractor
2-620	LED flashlight 143 × 19 mm
2-701	LSA-Plus insertion tool
3-0605	Combination crimping pliers
3-573	Water pump pliers 180 mm with push-button

Art.-No.	Content
3-601-15	ESD side cutters CLASSICline semi flush 115 mm
4-360-E03	Watchmakers screwdriver set 6pcs (slot 0.6 - 1.0 - 1.5 - 2.0 - 2.5 - 3.0)
5-107	Anatomical tweezers 150 mm form 22b
5-117	Anatomical tweezers 145 mm form 40 serrated
5-240	Warding files set 6 pcs (flat, round, blunt, pointed, 3-edge, 4-edge)
5-505	Stripping knife Ø 4 - 28 mm with hook blade
5-535	Coax cable stripper Ø 4.8 - 7.5 mm
6-320	Socket wrench set 36 pcs with ratchet+extension
6-500	Double open-ended wrench set 8 pcs (6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 20 - 22)
6-600	Combination wrench set 12 pcs (6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22)
6-950	Ballpoint wrench key set 9 pcs (1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 6.0 - 8.0 - 10.0)
6-995	TORX wrench key set with hole 8 pcs (T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40)
7-114	Engineer hammer to DIN 1041, 200 g
7-426	Flat brush with wooden handle, bristle width 40 mm
7-429	Insulating tape 25 mm wide, 25 m (12 mm core)
7-506	Tape measure 2 m
7-616	PUK saw in case
8-376	Gas soldering iron Independent 75
8-390	Desoldering suction pump PRAKTIK 20 mm diameter RD-7376
9-316	ESD chip-container 57 × 36 × 17 mm





Inner dimension: 470 × 360 × 210 mm



with tools, portabel: 11900 g  
with tools, rollable: 13500 g



124 tools



**6600-R** tool case TELECOM with tools, rollable  
**6615-R** tool case TELECOM without tools, rollable  
**6600** tool case TELECOM with tools,  
**6615** tool case TELECOM without tools

## TOOL SETS COMPACT-MOBIL

### ► 7000

#### Tool case COMPACT-MOBIL with wheels 61 pcs

The case with special tools for assembling and servicing electronic equipment. If you need more tools, this case is ideal for transporting them. Up to 61 tools can be clearly stored here. Thanks to the high-quality rollers and the wide wheelbase, this case also lies well in the curve and annoying dragging is a thing of the past.

The rigid and robust roller case for heavy loads. With a double aluminium frame and the break-resistant X-ABS case shells, the case can carry loads of up to 40 kg and is also airworthy. The 4-fold telescopic pull-out is pow-

der-coated and has an ergonomic handle that complements the case handle in a form fit manner. The wide wheelbase and the rubberised and mounted rollers allow the PROTECTION XL to also master uneven paths. The ratchet hinges with a case lid lock come as standard with our tool cases.

Art.-No.	Content
<b>7015</b>	Tool case PROTECTION XL with wheels 58 empty pockets
<b>1-735</b>	Adjusting screwdriver-handle double-ended 100 mm plastic
<b>1-738</b>	Hard plastic blade (Bit) slot blade 1.5 × 0.5 × 32 mm
<b>1-739</b>	Hard plastic blade (Bit) slot blade 3 × 0.5 × 32 mm
<b>1-909</b>	Engineer mirror with extension Ø 23 mm
<b>2-126</b>	ESD desoldering lever slotted at one ends
<b>2-127</b>	ESD tin knife pointed sharp blade
<b>2-132</b>	Spring puller 175 mm
<b>2-155</b>	Claw-type gripper with 3 hardened wire claws
<b>2-161</b>	Scriber, magnetic lifter with telescopic slide-out
<b>2-166</b>	Glass fibre contact cleaner brush Ø 4 mm
<b>2-265-1</b>	Test prod red blade 1 mm
<b>2-265-2</b>	Test prod black blade 1 mm
<b>2-296</b>	Hand magnifier 3 × magnification LED light
<b>2-601</b>	IC-tweezers 125 mm
<b>2-620</b>	PLCC-extractor
<b>2-656</b>	LED flashlight 143 × 19 mm
<b>3-133-16</b>	Side cutters 145 mm
<b>3-235-16</b>	Telephone pliers 160 mm with serration jaws length 55 mm
<b>3-601-15</b>	ESD side cutters CLASSICline semi flush 115 mm
<b>3-606-15</b>	ESD side cutters CLASSICline flush 120 mm
<b>3-632-15</b>	ESD flat nose pliers CLASSICline not serrated jaws 120 mm
<b>3-633-15</b>	ESD snipe nose pliers CLASSICline not serrated jaws 120 mm
<b>3-732-16</b>	Combinations pliers 165 mm with serration
<b>4-344-VDE</b>	VDE voltage tester slot blade 3.5 × 0.7 × 110 mm
<b>4-351</b>	Offset screwdriver slot blade 4.5 × 0.65 × 100 mm
<b>4-504</b>	Screwdriver EUROline-Power slot blade 5.5 × 1.0 × 100 mm
<b>4-506</b>	Screwdriver EUROline-Power slot blade 6.5 × 1.2 × 125 mm
<b>4-508</b>	Screwdriver EUROline-Power slot blade 8.0 × 1.2 × 150 mm
<b>4-522</b>	Screwdriver EUROline-Power slot blade 3.0 × 0.5 × 75 mm
<b>4-523</b>	Screwdriver EUROline-Power slot blade 4.0 × 0.8 × 100 mm

Art.-No.	Content
<b>4-533</b>	Screwdriver EUROline Power cross-recess PH1
<b>4-534</b>	Screwdriver EUROline Power cross-recess PH2
<b>4-542</b>	Screwdriver EUROline Power cross-recess PZ0
<b>4-543</b>	Screwdriver EUROline Power cross-recess PZ1
<b>4-603</b>	ESD screwdriver slot blade 1.5 × 0.25 × 60 mm
<b>4-605</b>	ESD screwdriver slot blade 2.0 × 0.40 × 60 mm
<b>4-606</b>	ESD screwdriver slot blade 2.5 × 0.4 × 60 mm
<b>4-607</b>	ESD screwdriver slot blade 3.0 × 0.5 × 60 mm
<b>4-608</b>	ESD screwdriver slot blade 3.5 × 0.6 × 60 mm
<b>4-621</b>	ESD screwdriver cross-recess PH000
<b>4-622</b>	ESD screwdriver cross-recess PH00
<b>4-623</b>	ESD screwdriver cross-recess PH0
<b>4-624</b>	ESD screwdriver cross-recess PH1
<b>5-006</b>	Component tweezers 145 mm jaws insulated
<b>5-049</b>	SMD tweezers 110 mm form 4 stainless steel
<b>5-0605</b>	Stripping tool with adjustable knives
<b>5-107</b>	Anatomical tweezers 150 mm form 22b
<b>5-115</b>	Thermal tweezers 165 mm form R30 cross tweezers
<b>5-117</b>	Anatomical tweezers 145 mm form 40 serrated
<b>5-161</b>	Clamping scissors with teething jaws
<b>5-191</b>	ESD plastic tweezers 120 mm form 2a tips 2 mm wide
<b>5-194</b>	ESD plastic tweezers 120 mm form 6
<b>5-301</b>	Scissors with teething
<b>6-104</b>	Socket wrench EUROline-Power hex 5.0 mm
<b>6-105</b>	Socket wrench EUROline-Power hex 5.5 mm
<b>6-107</b>	Socket wrench EUROline-Power hex 7.0 mm
<b>6-771</b>	Adjustable wrench 0 - 13 mm
<b>6-984 L</b>	Screwdriver EUROline-Power TORX T9 with hole
<b>6-985 L</b>	Screwdriver EUROline-Power TORX T10 with hole
<b>6-986 L</b>	Screwdriver EUROline-Power TORX T15 with hole
<b>7-426</b>	Flat brush with wooden handle, bristle width 40 mm



Inner dimension: 470 × 360 × 210 mm



with tools, portable: 8100 g  
with tools, rollable: 9900 g



61 tools



**7000** tool case COMPACT MOBIL with tools, rollable  
**7015** tool case COMPACT MOBIL without tools, rollable





## TWEEZERS TECHNICAL DATA

Art.-No.	Page	Tweezers	Icon	Shape	A	B	C	D	Ai	Angle	Ø	Total length	Weight g
2302	1	5-078-13	NG1	PSF	50	1	0,5	-	-	-	-	130	20
2250	1	5-191	TG4	2a	35	2	0,6	-	-	-	-	120	5
2253 2254	2	5-072-13	NG1	3c	46	0,3	0,4	-	-	-	-	110	11
2220	4	5-191	TG4	2a	35	2	0,6	-	-	-	-	120	5
		5-192	NG4	F	11,2	3,2	-	-	-	-	-	120	5
2210	5	5-055-13	TB2	7a	35	10	-	-	-	50°	-	120	15
		5-062-13	DB1	59	2,3	1,5	-	-	-	35°	0,8	115	16
		5-065-13	DG2	50	2,3	3	-	-	-	-	0,8	120	16
		5-066-13	NB4	8b	12	2,5	-	-	-	30°	-	120	15
		5-068-13	NG6	13	-	2,5	-	-	-	40°	-	120	13
2230	6	5-049-13	TG2	4	30	0,3	0,4	-	-	-	-	110	15
		5-055-13	TB2	7a	35	10	-	-	-	50°	-	120	15
		5-059-13	TG2	2a	36	2,3	0,4	-	-	-	-	120	15
		5-067-13	NB3	12	2,5	1	-	-	-	45°	-	120	15
		5-068-13	NG6	13	-	2,5	-	-	-	40°	-	120	13
2280 2285 2282	7	5-078-13	NG1	PSF	50	1	0,5	-	-	-	-	130	20
		5-049-13	TG2	4	30	0,3	0,4	-	-	-	-	110	15
		5-055-13	TB2	7a	35	10	-	-	-	50°	-	120	15
2290	9-10	5-059-13	TG2	2a	36	2,3	0,4	-	-	-	-	120	15
		5-055-13	TB2	7a	35	10	-	-	-	50°	-	120	15
6900	11-12	5-191	TG4	2a	35	2	0,6	-	-	-	-	120	5
		5-192	NG4	F	11,2	3,2	-	-	-	-	-	120	5
6950	13-14	5-194	TB3	6	-	12	-	-	-	16°	-	120	5
		5-049-13	TG2	4	30	0,3	0,4	-	-	-	-	110	15
		5-055-13	TB2	7a	35	10	-	-	-	50°	-	120	15
		5-079-13	CUT1	15 AWG	10	8	-	-	-	20°	-	115	25
5000-BAS 5000-ADV 5000-COM	19-20	5-107-6	NB2	22b	-	18	10	-	16	60°	-	150	27



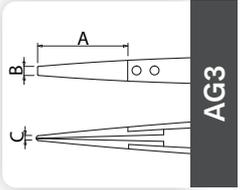
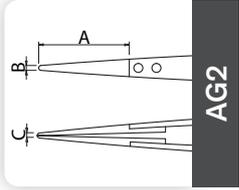
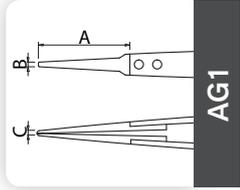
Art.-No.	Page	Tweezers	Icon	Shape	A	B	C	D	Ai	Angle	Ø	Total length	Weight g
6100	25-26	2-601	IC1	-	-	8.2	6	3.2	20	-	-	125	21
		5-107	NB2	22b	45	18	10	-	16	60°	-	150	20
		5-117	NG5	40	16	3	-	-	-	-	-	145	25
6400	27-28	2-601	IC1	-	-	8.2	6	3.2	20	-	-	125	21
		5-006	DG3	64	14	5.6	-	-	25	-	5	125	21
		5-049	TG2	4	30	0.3	0.4	-	-	-	-	110	15
		5-107	NB2	22b	45	18	10	-	16	60°	-	150	20
		5-115	CU1	R30	12	4	7.2	19.5	-	-	-	165	35
		5-117	NG5	40	16	3	-	-	-	-	-	145	25
6700	29-30	2-601	IC1	-	-	8.2	6	3.2	20	-	-	125	21
		5-107	NB2	22b	45	18	10	-	16	60°	-	150	20
		5-117	NG5	40	16	3	-	-	-	-	-	145	25
6500 6500-R	35-36	2-601	IC1	-	-	8.2	6	3.2	20	-	-	125	21
		5-006	DG3	64	14	5.6	-	-	25	-	5	125	21
		5-049	TG2	4	30	0.3	0.4	-	-	-	-	110	15
		5-107	NB2	22b	45	18	10	-	16	60°	-	150	20
		5-107-6	NB2	22b	-	18	10	-	16	60°	-	150	27
		5-115	CU1	R30	12	4	7.2	19.5	-	-	-	165	35
		5-117	NG5	40	16	3	-	-	-	-	-	145	25
		5-191	TG4	2a	35	2	0.6	-	-	-	-	120	5
5-194	TB3	6	-	12	-	-	-	16°	-	120	5		
6600 6600-R	37-38	2-601	IC1	-	-	8.2	6	3.2	20	-	-	125	21
		5-107	NB2	22b	45	18	10	-	16	60°	-	150	20
		5-117	NG5	40	16	3	-	-	-	-	-	145	25
7000	39-40	2-601	IC1	-	-	8.2	6	3.2	20	-	-	125	21
		5-006	DG3	64	14	5.6	-	-	25	-	5	125	21
		5-049	TG2	4	30	0.3	0.4	-	-	-	-	110	15
		5-107	NB2	22b	45	18	10	-	16	60°	-	150	20

# FIND YOUR PERFECT TWEEZERS

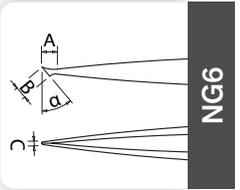
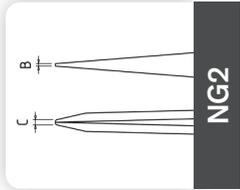
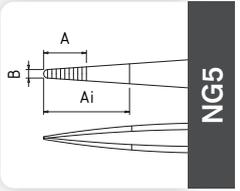
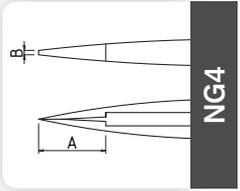
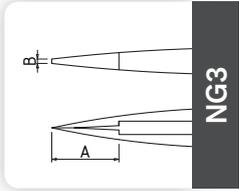
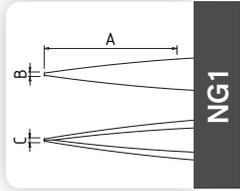
## G Straight tweezers

round-cornered

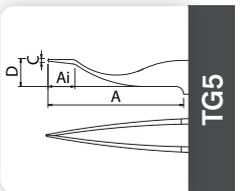
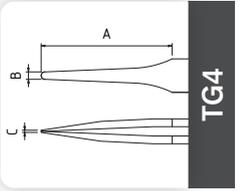
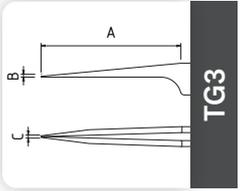
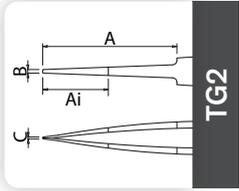
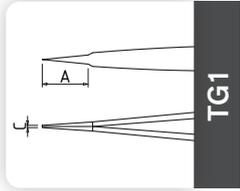
**A**  
Interchangeable tips



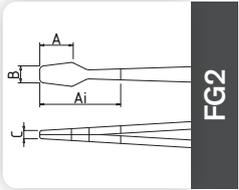
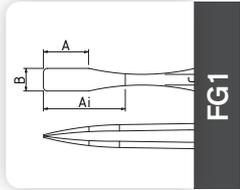
**N**  
Normal tips



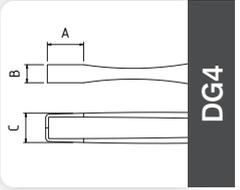
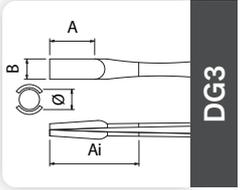
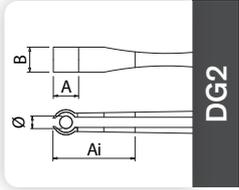
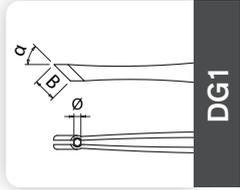
**T**  
Offset tips



**F**  
Flat tips



**D**  
Diameter tips

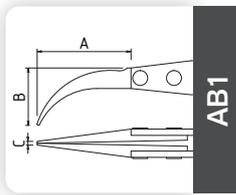


**B** Bent tweezers

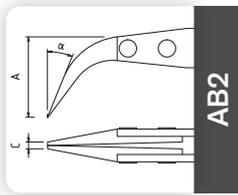
pointy-round

round-cornered

**A**

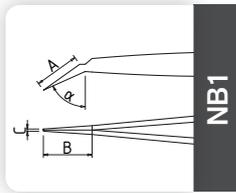


AB1

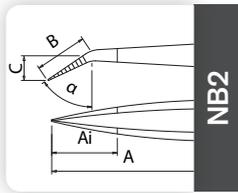


AB2

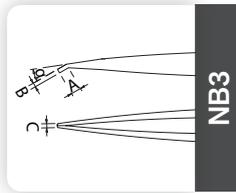
**N**



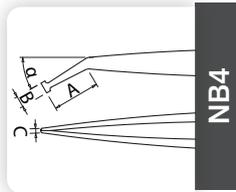
NB1



NB2

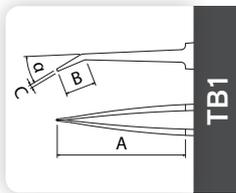


NB3

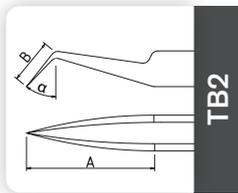


NB4

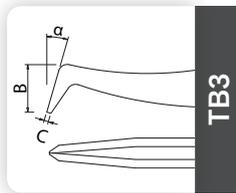
**T**



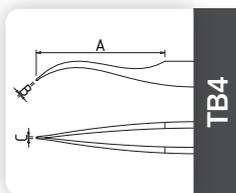
TB1



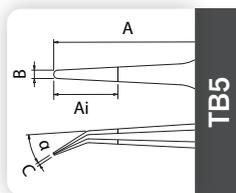
TB2



TB3

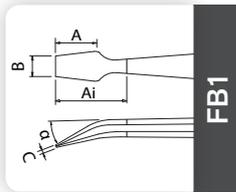


TB4



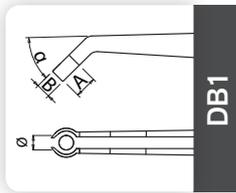
TB5

**F**



FB1

**D**

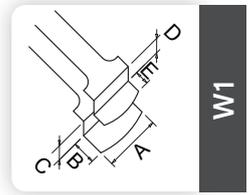


DB1

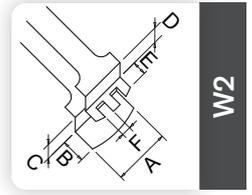
**Special shape**

**W**

Wafer



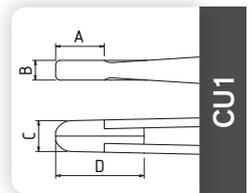
W1



W2

**CU**

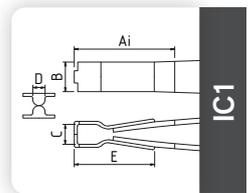
Copper jaws



CU1

**IC**

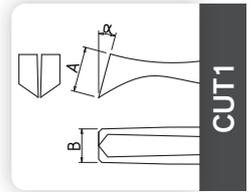
Chip protection



IC1

**CUT**

cutting



CUT1

# TERMS OF SALE AND DELIVERY

## GENERAL

The nature and scope of delivery are specified in the order confirmation. The following delivery terms shall apply to all deliveries to be carried out by us. Purchasing conditions of the customer do not oblige us, even if we do not expressly contradict this. Verbal or by intercom agreements made require our written confirmation. Obvious mistakes in offers, order confirmations, etc. are expressly reserved and can be considered at any time. We are entitled to process any data relating to the business relationship or in connection with the same concerning buyers, whether the buyer itself or third parties, within the framework of the Federal Data Protection Act.

## OFFER

Our offers are permissive, an order is deemed to be granted if confirmed by us in writing. PRICES, DELIVERY BASIS AND PACKAGING Unless otherwise agreed, the prices in Euros, ex works, are exclusive packaging. In the case of special packaging regulations of the customer, the additional costs involved are invoiced. Packaging is not accepted.

## DELIVERY

The delivery takes place at the expense and risk of the buyer without regard to who bears the freight costs. We reserve the right to place orders in partial deliveries. For custom-made products, excess or short deliveries of up to 10% are permitted.

## DELIVERY TIME

The delivery time begins upon receipt of all information required for the execution of the order. We endeavor to comply with the delivery time specified in the order confirmation. No claims of any kind can be asserted from a delayed delivery.

## COMPLAINTS

Complaints can only be accepted within 8 days after receiving of the goods.

The shape and colour of the tool may differ from the item shown in the catalogue.

## GUARANTEE

For all BERNSTEIN tools, which are unusable due to proven material or manufacturing defects, we deliver within one year after deliver a replacement. This free replacement service is excluded if the tools have become unusable due to natural wear or improper handling.

## DISCLAIMER

We do not assume any guarantee for the suitability of our products for the intended purpose of the customer. For damages caused by unsuitable or improper use, commissioning by the customer or third parties, and for the natural wear and tear we assume no guarantee. Any claims for damages, irrespective of the legal basis, as well as, in particular, the liability by tort (product liability) are excluded to the extent permitted by law.

## PAYMENT

Our invoices are payable 30 days net, unless otherwise agreed in the order confirmation.

## RESERVATION OF TITLE

We reserve the title to all goods delivered by us until the buyer has paid all claims arising from the business relationship. The buyer is entitled to resell the reserved goods in ordinary business transactions. In the case of resale, the buyer has to reserve the ownership of the sold goods on the same terms as his customer. The purchaser hereby assigns to us the purchase price claim against the buyer from the resale.

## FULFILLMENT AND JURISDICTION

Place of performance and jurisdiction for delivery and payment is Remscheid. In any case, only German law shall apply, with the exclusion of any foreign law.

## ONLINE DISPUTE RESOLUTION

The European Commission provides a platform for online dispute resolutions (ODR) which can be accessed at

<https://ec.europa.eu/consumers/odr/> .

In order to settle dispute arising from a contractual relationship with a consumer or from whether such a contractual relationship exists at all, we will participate in dispute settlement proceedings before a consumer dispute resolution body. Consumers can contact their national European Consumer Centre in this regard. The respective contact details of the individual ECCs can be found at

<https://www.evz.de/en/alternative-dispute-resolution/adr-in-eu-rope/>.









### A little story about the word amber (BERNSTEIN)

The greek word for amber is „elektron“: the root of today's term electronics. Even the greeks discovered the special feature of amber: by rubbing the natural amber can be electrostatically charged. The charged stone can attract dust particles. Today you can use this property to check the authenticity of an amber. If it is real, it can be tested through charge rubbing on a cotton cloth.

You can also wear it as jewellery: it should protect from evil magic and give joy of life.

Just like our high-quality BERNSTEIN ESD Tools - them protect against electrostatics and give joy with the daily work.

– Max Walter Hartmut Blombach, 2020

## **BERNSTEIN**

### **Werkzeugfabrik Steinrücke GmbH**

Industriehof Trecknase 1  
42897 Remscheid

Tel. + 49 (0) 2191 - 9650 - 0  
Fax + 49 (0) 2191 - 9650 - 30

[sales@bernstein-tools.de](mailto:sales@bernstein-tools.de)  
[www.bernstein-tools.de](http://www.bernstein-tools.de)