

# SPANNFIX VICES



with dissipative surface

BERNSTEIN clamping vices SPANNFIX constructed on ball-and-socket joints are rotatable easily in all directions and capable of being set securely with maximum working capacity by simple operation. A set screw below the ball socket allows an individual adjusting of the ball power. Long life is guaranteed by highest black powder-coated aluminium casting and surface-refined steel-parts. With a surface resistance between  $10^7$  and  $10^8 \Omega$  the ESD types ensure a safe dissipation of static charges.

## 9-205 ESD BERNSTEIN

### SPANNFIX screw-on vice with dissipative surface

for work benches or laboratory tables  
with max. table thickness of 80 mm

Technical data:

Clamping pressure	150 kp
Clamping capacity	70 mm
Clamping depth	38 mm
Jaw width	50 mm

interchangeable plastic jaws from  
dissipative material - Art.-No. 9-206-50 ESD

Weight: 1.450 kg

## 9-251 ESD Universal clamp base with dissipative surface

with ball joint and threaded stud M 12 x 1.5, for work benches  
or laboratory tables with max. table thickness of 80 mm

Weight: 0.950 kg

## 9-252 ESD Screw-on mounting vice with dissipative surface

Technical data: see 9-205 ESD

Weight: 0.560 kg

## 9-253 ESD Circuit board holder

adjustable from 25 mm to 270 mm clamping capacity, correct setting by  
adjusting the centre position, firm clamping of the printed circuit by built-in  
resilience in the locating arms, height of locating arms 70 mm

Weight: 0.280 kg

## 9-255 ESD Angular adapter with dissipative surface

to permit a larger turning circle when using 9-253

Gewicht: 0.095 kg

## 9-256 Clamping lid for circuit boards with components

covered with 20 mm thick ESD foam

Components of different sizes are pressed in such a way that soldering can  
be carried out correctly after the circuit board holder has been turned.

Size of cover: 240 x 130 mm

Use: in conjunction with circuit board holder 9-253

Weight: 0.260 kg

## 9-257 ESD Rapid turning device with dissipative surface

with permanently connected angular adapter, permits swift rotation of the  
circuit board holder with the PCB and clamping lid through  $180^\circ$ .

Weight: 0.270 kg



9-205 ESD



9-251 ESD



9-252 ESD



9-253 ESD



9-255 ESD



9-256



9-257 ESD

## CLAMPING VICES SPANNFIX

BERNSTEIN clamping vices SPANNFIX constructed on ball-and-socket joints are rotatable easily in all directions and capable of being set securely with maximum working capacity by simple operation. A set screw below the ball socket allows an individual adjusting of the ball power. Long life is guaranteed by highest powder-coated Alu-casting and surface-refined steel-parts.

### SMALL VICE SPANNFIX

The Spannfix vice simplifies many jobs in precision engineering, in laboratories, in test rooms, in all mechanical and electronical workshops as well as in different medical areas.

#### 9-205 **BERNSTEIN SPANNFIX screw-on vice**

for work benches with a max. table thickness of 80 mm. The small vice with ball-and-socket joint can be mounted quickly and easily onto a work bench or table. Slight pressure on the lever is sufficient, and the clamped workpiece can be moved into any suitable position.

Technical data:	Clamping pressure	150 kp
	Clamping capacity	70 mm
	Clamping depth	38 mm
	Jaw width	50 mm
	Jaws (interchangeable) plastic	
Weight: 1.450 kg	Alu-jaws on request	

#### 9-215 **BERNSTEIN SPANNFIX for permanent mounting using bolts**

Technical data as 9-205  
Size of base: 150 x 105 mm  
Weight: 1.350 kg

#### 9-220 **BERNSTEIN SPANNFIX VICE WITH VACUUM BASE for portable applications**

(consisting of 9-211 and 9-215)  
Technical data as 9-205  
Size of base: 150 x 105 mm  
Weight: 2.000 kg

### SPANNFIX FOR SPECIAL POSITIONINGS

The universal Spannfix ball-and-socket joint base enables an exact and secure adjustment in all directions, e. g. of optoelectronic measuring instruments, of monitors and observation cameras.

#### 9-251 **Universal clamp mounting ball joint base with threaded stud M 12 x 1.5 for screwing onto work benches with a max. table thickness of 80 mm**

Weight: 0.950 kg  
**SPANNFIX bench mounted base with universal ball joint and threaded stud M 12 x 1.5 for permanent mounting using bolts**

9-261 Size of base: 150 x 105 mm  
Weight: 0.800 kg

9-281 Size of base: 110 x 72 mm with four bore-holes of 6 mm Ø for covered inside screwing  
Weight: 0.750 kg

9-210 **SPANNFIX VACUUM BASE with ball joint and threaded stud M 12 x 1.5**  
(consisting of 9-211 and 9-261)  
Weight: 1.500 kg

9-211 **SPANNFIX VACUUM BASE only**  
to be used in conjunction with 9-215 or 9-261  
Weight: 0.650 kg



## CLAMPING EQUIPMENT SPANNFIX COMBINATIONS

### Individual components

- 9-251 **Universal clamp mounting ball joint base with threaded stud M 12 x 1.5**  
for screwing onto work benches with a max. table thickness of 80 mm  
Weight: 0.950 kg
- 9-252 **Screw-on mounting vice**  
Technical data:  
Clamping pressure 150 kp  
Clamping capacity 70 mm  
Clamping depth 38 mm  
Jaw width 50 mm  
Jaws (interchangeable) plastic  
Weight: 0.560 kg
- 9-253 **Circuit board holder**  
adjustable from 25 mm to 270 mm clamping capacity, correct setting by adjusting the centre position, firm clamping of the printed circuit by built-in resilience in the locating arms, height of locating arms 70 mm.  
Weight: 0.280 kg  
If the circuit board holder is to be used with universal ball joint base 9-251, we recommend that the combination is used with angular adapter 9-255 or with rapid turning device 9-257 in order to obtain a larger turning circle.
- 9-254 **Universal screw-on plate**  
Slots made for commonly used standard bolts, for holding of e. g. tuner, line output transformer, small loudspeaker etc. or prototypes  
Weight: 0.120 kg
- 9-255 **Angular adapter**  
to be used as an additional attachment with every work mount, permits an even larger turning circle.  
Weight: 0.095 kg
- 9-256 **Clamping lid for circuit boards with components**  
covered with 20 mm thick foamed ESD plastic.  
Components of different sizes are pressed in such a way that soldering can be carried out correctly after the circuit board holder has been turned.  
Size of cover: 240 x 130 mm  
Use: in conjunction with circuit board holder 9-253  
Weight: 0.260 kg
- 9-257 **Rapid turning device**  
with permanently connected angular adapter, permits swift rotation of the circuit board holder with the PCB and clamping lid through 180°.  
Weight: 0.270 kg
- 9-250 **BERNSTEIN SPANNFIX-VARIO assembly vice**  
5 piece set  
with following interchangeable screw-on work mounts 9-251, 9-252, 9-253, 9-254 and 9-255  
Weight: 2.000 kg
- 9-260 **BERNSTEIN SPANNFIX-VARIO assembly vice**  
5-piece set  
with following interchangeable screw-on work mounts 9-261, 9-252, 9-253, 9-254 and 9-255  
Weight: 1.900 kg
- 9-270 **BERNSTEIN SPANNFIX-VARIO-PLUS clamping combination**  
Tailor-made combination of the following individual components: 9-251, 9-257, 9-253, 9-256  
Weight: 1.800 kg

