

BERNSTEIN



CLAMPING VICE SPANNFIX

BERNSTEIN clamping vice 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 aluminium 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 electrical workshops as well as in different medical areas.



9-205

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	
	aluminium-jaws on request	

Weight: 1.450 kg



9-215

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

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



9-220

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 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

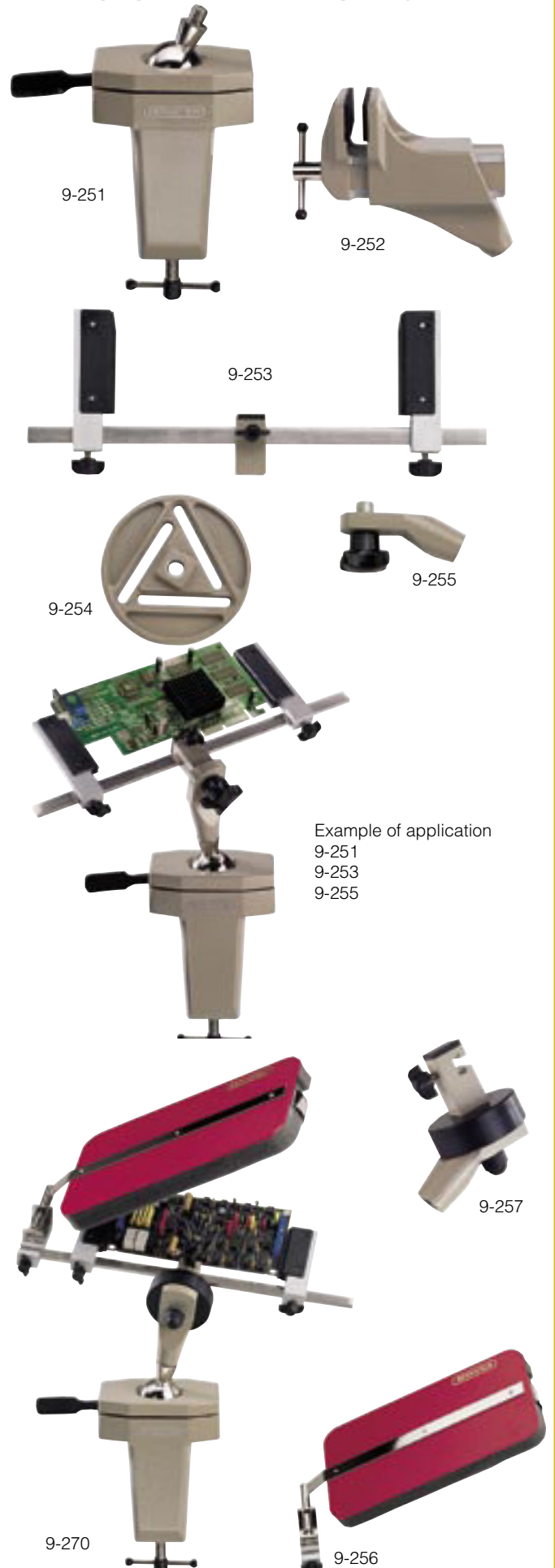
5-piece set with following interchangeable screw-on work mounts 9-261, 9-252, 9-253, 9-254 and 9-255

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



Example of application
9-251
9-253
9-255

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

9-251 **BERNSTEIN SPANNFIX**
Universal clamp mounting ball joint base
with threaded stud M 12 x 1.5
screw on

for work benches with a max. table thickness of 80 mm
 Weight: 0.950 kg



9-261

9-261 **BERNSTEIN SPANNFIX**
bench mounted base
with universal ball joint
and threaded stud M 12 x 1.5
for permanent mounting using bolts

Size of base: 150 x 105 mm
 Weight: 0.800 kg



9-262

9-262 **BERNSTEIN SPANNFIX**
bench mounted base
with universal ball joint and threaded stud M 12 x 1.5
with an especially large assembly device of Ø 40 mm
and extralong thread stud with 25 mm
for permanent mounting using bolts

Size of base: 150 x 105 mm
 Weight: 0.850 kg



9-281

9-281 **BERNSTEIN SPANNFIX**
bench mounted base
with universal ball joint
and threaded stud M 12 x 1.5
for permanent mounting using bolts

Size of base: 110 x 72 mm
 with 4 covered through holes
 for screws 6 mm Ø
 Weight: 0.650 kg



9-210

9-210 **BERNSTEIN 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

9-211 **BERNSTEIN SPANNFIX VACUUM BASE**

only to be used in conjunction with 9-215 or 9-261
 Weight: 0.650 kg

CLAMPING VICES SPANNFIX MAXI

Heavy-duty vice SPANNFIX MAXI on ball-and-socket joint rotatable in any direction and capable of being set securely. The same operations, the same flexibility and the universal use as the Spannfix small vice also distinguish the large models.

Suitable for working on larger and heavier workpieces.

9-225 **BERNSTEIN** SPANNFIX VICE MAXI screw-on

for work benches with a max. table thickness of 85 mm.

Technical data:	Clamping pressure	300 kp
	Clamping capacity	100 mm
	Clamping depth	50 mm
	Jaw width	100 mm
	interchangeable steel jaws smooth and fluted	
	Alu- and plastic jaws on request	

Weight: 4.000 kg

9-226 **BERNSTEIN** SPANNFIX VICE MAXI for permanent mounting using bolts

Technical data: as 9-225
Size of base: 190 x 155 mm
Weight: 3.600 kg

SPANNFIX MAXI FOR SPECIAL POSITIONINGS

The Spannfix MAXI ball-and-socket joint base enables an exact and secure adjustment e. g. for heavy instruments in all directions.

9-227 **BERNSTEIN** SPANNFIX MAXI 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 85 mm
Weight: 2.220 kg

9-228 **BERNSTEIN** SPANNFIX MAXI BENCH MOUNTED BASE with universal ball joint and threaded stud M 12 x 1.5 for permanent mounting using bolts

Size of base: 190 x 155 mm
Weight: 1.850 kg

9-229 **BERNSTEIN** SPANNFIX MAXI BENCH MOUNTED BASE with universal ball joint and threaded stud M 12 x 1.5 with an especially large assembly device of Ø 40 mm and extralong thread stud with 25 mm, for permanent mounting using bolts

Size of base: 190 x 155 mm
Weight: 1.900 kg



9-225



9-226



9-227



9-228



9-229