

## ESD ball joint combination SPANNFIX VARIO + cable



The SPANNFIX VARIO 9-250 offers various application possibilities due to the variety of its different head parts. The head sections can all be quickly and easily detached from the foot section by a screw connection and exchanged.

With the SPANNFIX VARIO PCBs / circuit boards up to a length of 270 mm can be clamped. The steplessly adjustable ball allows the PCB to be positioned and held securely in all directions. Quick turning of the PCBs / circuit boards is possible thanks to the adapter, which can be rotated and locked in  $\pm 45^\circ$  steps. The adjusting screws with ergonomic handle are smooth-running and facilitate adjustment.

The SPANNFIX is a universal ball joint clamping device. A third hand as a useful clamping and holding device with quick release mechanism, a useful aid in every workshop.

Dimensions for orientation approx. 310 x 160 x 75 mm. The ESD versions have a dissipative black surface with a dissipation resistance between  $10^7$  and  $10^8$  Ohm. The foot sections can be connected to the grounding point with a 10 mm push button.

Recommended connection: 9-359-1 ESD grounding block 3x10 mm push button for desktop screw connection or 9-359-2 ESD grounding plug 2x10 mm push button and M5

connection for EU sockets. (Cable: 9-343-1 ESD ground wire 1 MOhm, length 1.8 m)  
 Max. Torque or effect on the rod end, ball force: Ball Ø 40 mm = 160 N / 17 kg / Ball Ø 60 mm = 450 N / 47 kg. Please note for safety-relevant parts that we cannot give a guarantee of the holding forces without knowing your specific application. The ball may behave differently under different physical conditions than it does in our test laboratory under optimal test conditions.

- Quality product 100% Made in Germany, with precision ball joint with quick clamping, infinitely adjustable
- with screw head, stable PCB holder and universal clamping plate
- holder with spring for sensitive blanks
- adjustable from 25 mm to 270 mm
- incl. ESD ground wire 1 MOhm, length 1.8 m for connection to an EBP / Earth Bonding Point
- for clamping, for workbenches with max. tabletop thickness of 80 mm
- Materials Steel, aluminium, plastic
- cast aluminium with dissipative powder coating in glossy black, dissipative resistance between  $10^7 - 10^8$  Ohm
- Orientation dimensions approx. 310 x 170 x 75 mm
- Weight 2100 g

item number	WL63666
manufacturer	BERNSTEIN
manufacturer item number	9-250-ESD
scope of supply	Ball joint combination consisting of: 9-251 ESD ball joint foot part SPANNFIX for clamping (threaded pin 12mm) 9-252 ESD screw head SPANNFIX for screwing on (M12x1,5) 9-253 ESD PCB holder for screwing on (M12x1.5) 9-254 ESD Universal clamping plate SPANNFIX for screwing on (M12x1.5) 9-255 ESD Angle adapter SPANNFIX for screwing on (M12x1.5) 9-343-1 ESD grounding cable 1 MOhm, 1800mm 2DK 10/10
order unit	1 set
content unit	1 set
ESD safe	yes