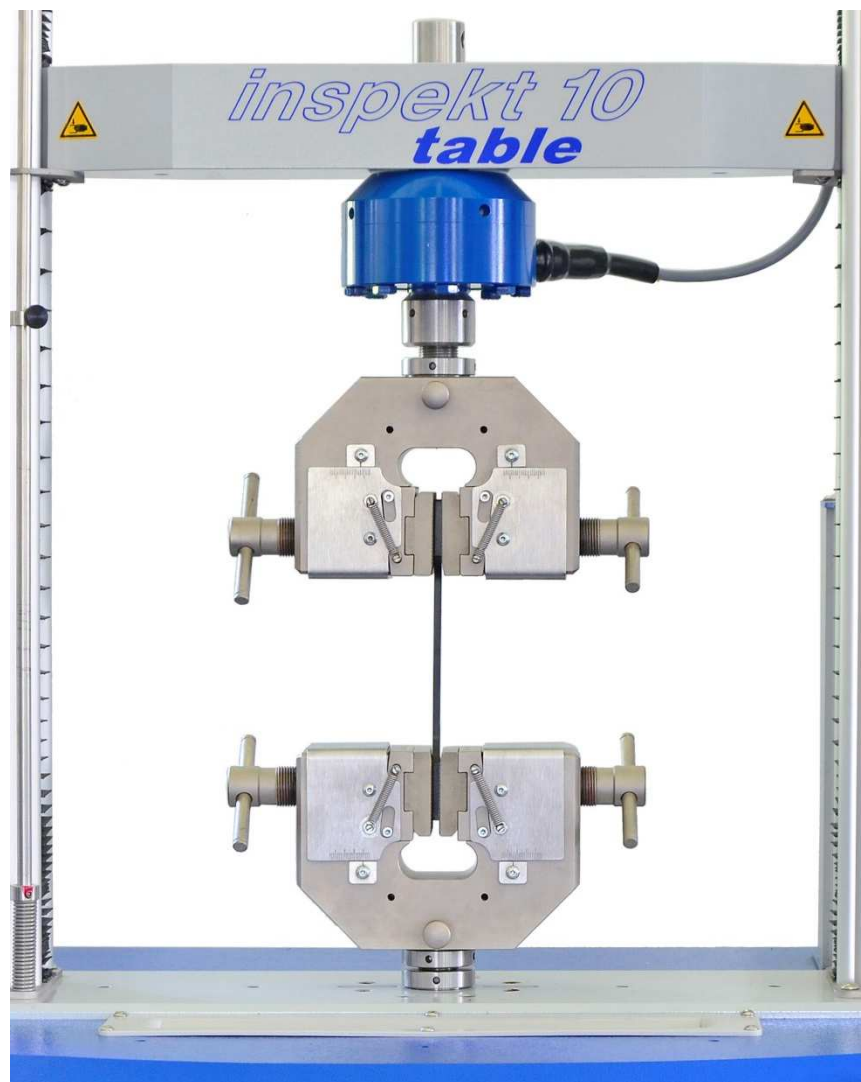




Product Information

Screw type wedge action grip

10kN





Application

The screw type wedge action grip has an optimized wedge angle for tensile tests at:

- wires, fibres, foils and tapes
- fibre-reinforced plastics
- metals, alloys
- (geo-) textiles as well as
- thermo- and thermosetting plastics

The clamping device is characterised among others by its low construction height.

Functionality

The clamping jaws are opened and closed manually using T-handles. This simultaneously applies the preload force. The wedge effect increases the clamping force with rising tensile force. The clamping jaws are synchronized manually.

An asynchronous clamping up to 6mm specimen gap is possible, larger displacements on request.

Technical data:

Capacity / load direction	10 kN / tension
Temperature range	-40 .. + 200°C
Max. symmetric opening	Flat specimens up to 16mm with standard jaws Round specimens up to 14mm diameter, with standard jaws further jaws optionally
Minimum clamping length	20mm
Clamping jaw dimension/clamping area	45 x 43mm (WxH)
Connection / machine type	R20-8-H / universal
Dimensions / design	aprox. height 108mm, width 227mm, depth 65mm / nickel
Weight	approx. 5kg per grip
Included in delivery	1 pair of wedge action grips 10 kN without clamping jaws
Necessary accessories (can be ordered optionally)	4 clamping jaws are necessary, item numbers 14-103-3xx