VISE GRIPS

Mineral Wool Tensile Grip EN 1608

Needle-plate grip for tensile strength of insulation boards parallel to faces



OVERVIEW

A dedicated grip for determining the tensile strength of mineral wool and other thermal insulation boards parallel to their faces. The specimen is pierced and held by rows of needles on two clamping plates, which are closed by a crank-driven spindle system so that soft fibrous material is gripped over its full width. It is used to verify that boards withstand handling, transport and installation loads.

KEY FEATURES

- Needle clamping plates grip soft fibrous insulation over full width
- Crank-driven spindles close both plates evenly
- Sized for standard 225 × 500 mm specimens
- Available with manual crank or motorized clamping drive
- Rigid aluminum frame with central machine connection
- Built for EN 1608 and related national standards

TECHNICAL SPECIFICATIONS

Test type	Tensile, parallel to faces
Specimen size	225 × 500 mm
Clamping	Needle plates, spindle-driven
Operation	Manual crank or motorized
Frame material	Aluminum with steel spindles
Max. load	On request
Coupling	Clevis pin coupling — other sizes via adapters
Temperature range	Ambient

AVAILABLE VERSIONS

Manual version	Crank-operated, specimens 225 x 500 mm
Motorized version	Motor-driven clamping, specimens 225 × 500 mm

APPLICATIONS

- Mineral wool insulation boards
- Thermal insulation products
- Building material quality control
- Transport and handling strength

STANDARDS EN 1608, DIN 18164, GOST 17177, GOST 10140

Ordering & customization: Specify manual or motorized version, specimen size, required capacity and machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-VG-040