PNEUMATIC GRIPS

Pneumatic Grip 20 kN

Strong pneumatic lever-action grip, 18 kN clamping force at 7 bar, for 20 kN tensile tests



OVERVIEW

Strong pneumatic lever-action grip for tensile tests up to 20 kN on textiles, rubber, plastics, films and composites. A pneumatic cylinder in the grip produces 18 kN clamping force at 7 bar, rising to 40 kN at 16 bar. The counter jaw is set with a screw handle and can be adjusted asymmetrically, and jaws up to 210 mm wide are available.

KEY FEATURES

- Lever action gives 18 kN clamping force at 7 bar
- Up to 40 kN clamping force at 16 bar
- Counter jaw adjustable by screw handle, also asymmetrically
- Jaw opening up to 22 mm with exchangeable rods
- Jaws from 40 × 120 mm to 60 × 210 mm in six surfaces
- Anodized aluminum body; pneumatic accessories available

TECHNICAL SPECIFICATIONS

Max. load	20 kN
Clamping force	18 kN at 7 bar; 40 kN at 16 bar
Jaw stroke	7 mm per jaw
Jaw opening	0-12 mm or 10-20 mm (max. 22 mm by rod choice)
Jaw clamping surface	40 × 120 mm; 60 × 200 mm or 60 x 210 mm wave jaws
Body	Aluminum, anodized
Coupling	On request
Temperature range	0 to 70 °C; other ranges on request
Weight	10 kg per grip without jaws

AVAILABLE VERSIONS

Jaws 40 × 120 mm	Blank, rubber-coated, pyramid, wave or diamond grit
V-jaws	Round specimens Ø 6-12 mm or Ø 11-19 mm
Wave jaws 60 x 200 mm	Wide jaws for carpets and textiles
Wave jaws 60 x 210 mm	L-shaped, for textiles, leather, paper and foils

APPLICATIONS

- Textiles and technical fabrics
- Rubber and elastomers
- Plastic films and sheet
- Carpets and leather

Ordering & customization: Specify the number of grips (pair or single), the jaw surface, size and opening, the coupling of your testing machine and any pneumatic accessories.

Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PG-020

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DIMENSIONAL DRAWINGS

FIG. 1

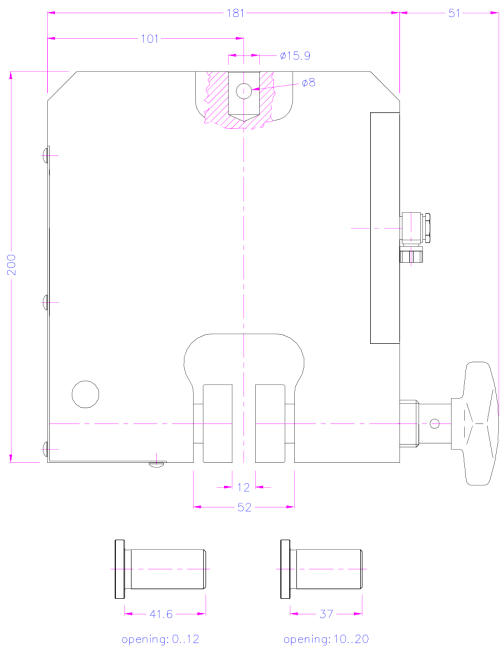


FIG. 2

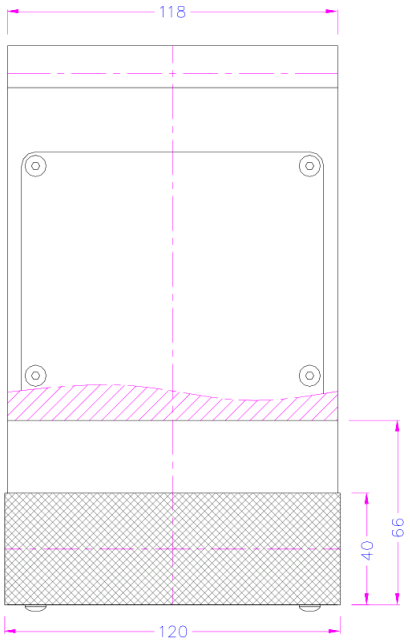
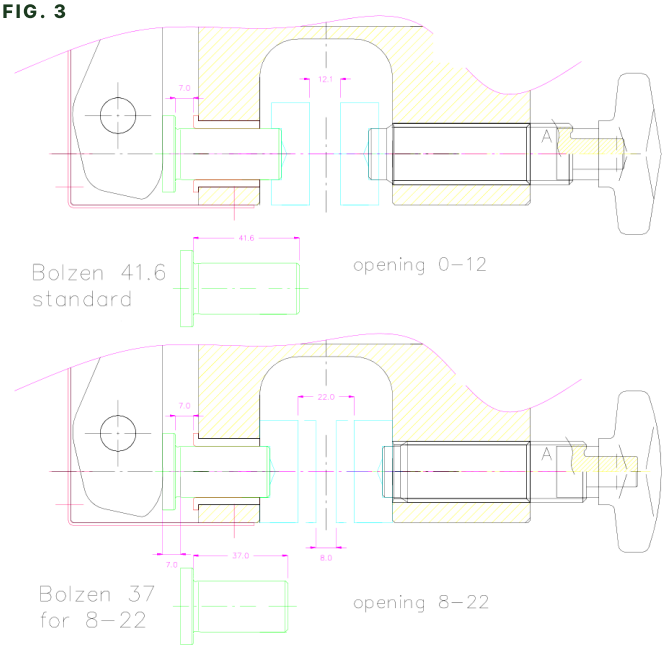


FIG. 3



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.