PNEUMATIC GRIPS

Pneumatic Grip 3.5 kN

Universal pneumatic grip with 30 mm opening for paper, plastics, rubber and wood



OVERVIEW

Universal pneumatic grip for tensile tests on paper, plastic films and sheet, rubber and wooden specimens. Compressed air closes the jaws with a constant clamping force of 3.5 kN at 7 bar, or 5 kN at 10 bar, so clamping is fast and repeatable regardless of operator. Standard jaws or quick-change insert jaws in many surfaces are available.

KEY FEATURES

- Clamping force 3.5 kN at 7 bar, 5 kN at 10 bar
- Jaw opening up to 30 mm
- Wide choice of jaw surfaces in 50 × 50 and 50 × 100 mm
- Quick-change insert jaw system with carriers
- Lightweight anodized aluminum body, 1.3 kg per grip
- Foot pedals, hand switches and pressure regulator available

TECHNICAL SPECIFICATIONS

Clamping force	3.5 kN at 7 bar; 5 kN at 10 bar (max.)
Jaw opening	0-30 mm (standard jaws); 0-16 mm (insert jaws)
Jaw clamping surface	50 × 50 mm or 50 × 100 mm (H x W)
Jaw surfaces	Blank, rubber (NBR), pyramid, wave, V, diamond
Body	Aluminum, anodized
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; others on request
Temperature range	0 to 70 °C; other ranges on request
Weight	1.3 kg per grip without jaws
Operation	Pneumatic, max. 10 bar

AVAILABLE VERSIONS

Jaws 50 × 50 mm	Blank, rubber, pyramid, wave or diamond; opening 0-30 mm
Jaws 50 × 100 mm	Blank, rubber, pyramid, wave or diamond; opening 0-30 mm
V-jaws	Round specimens Ø 4-26 mm, clamping height 50 mm
Insert jaws 50 x 50 mm	Quick-change; blank, rubber, pyramid, V or diamond; carriers required

APPLICATIONS

- Paper and board
- Plastic films and sheet
- Rubber and elastomers
- Wood veneers and samples

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

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-010

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DIMENSIONAL DRAWINGS

FIG. 1

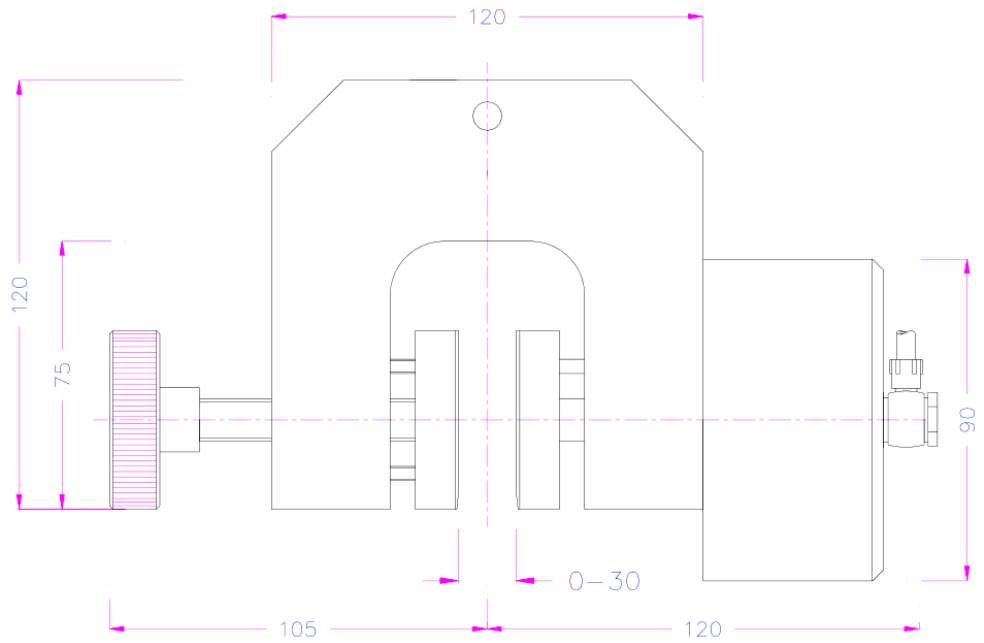
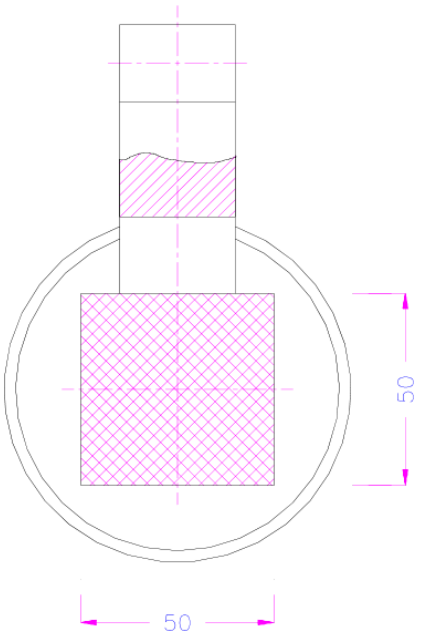


FIG. 2



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.