PNEUMATIC GRIPS

Pneumatic Grip 1.2 kN Single Rod

Compact U-form pneumatic vise grip, 1.2 kN clamping force, openings up to 52 mm



OVERVIEW

Simple, compact U-form pneumatic vise grip for universal tensile testing of films, foils, rubber, paper and small parts. A 50 mm pneumatic rod closes the jaw with 1.2 kN clamping force at 7 bar, or 2.5 kN at 16 bar, giving about 600 N tensile force at 7 bar. Four body sizes provide jaw openings of 10, 20, 30 or 52 mm.

KEY FEATURES

- 1.2 kN clamping force at 7 bar, 2.5 kN at 16 bar
- Approx. 600 N tensile force at 7 bar
- Four body sizes for openings up to 10, 20, 30 or 52 mm
- Light weight from 0.4 kg per grip
- Line-contact jaws for strip and film testing
- Two-rod versions available for more clamping stability

TECHNICAL SPECIFICATIONS

Max. load	Approx. 600 N at 7 bar
Clamping force	1.2 kN at 7 bar; 2.5 kN at 16 bar
Pneumatic rod	Ø 50 mm, single (two-rod versions available)
Jaw opening	0-10, 0-20, 0-30 or 0-52 mm (by body size)
Body / jaws	Aluminum, anodized / steel, nickel-plated
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm; others on request
Pneumatic connection	M5 internal thread
Temperature range	0 to 70 °C; other ranges on request
Weight	0.4 to 0.8 kg per grip without jaws (single rod)

AVAILABLE VERSIONS

Opening 0-10 mm	Single rod 0.4 kg; two rods 0.6 kg
Opening 0-20 mm	Single rod 0.5 kg; two rods 0.7 kg
Opening 0-30 mm	Single rod 0.54 kg; two rods 0.74 kg
Opening 0-52 mm	Single rod 0.8 kg; two rods 1 kg
Line-contact jaws	Radius 3 mm, 30 × 30 mm, with rubber counter jaws
Insert jaw carriers	For 30 × 50 and 30 × 100 mm insert jaws

APPLICATIONS

- Films and foils
- Rubber and elastomers
- Paper and labels
- Small components

Ordering & customization: Specify the jaw opening range, single or two rods, the jaw surface, 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-100

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DIMENSIONAL DRAWINGS

FIG. 1

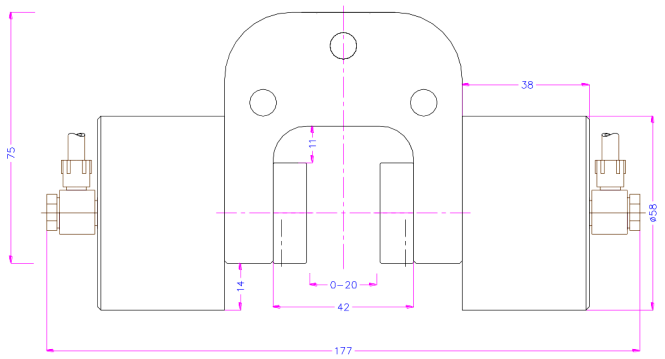


FIG. 2

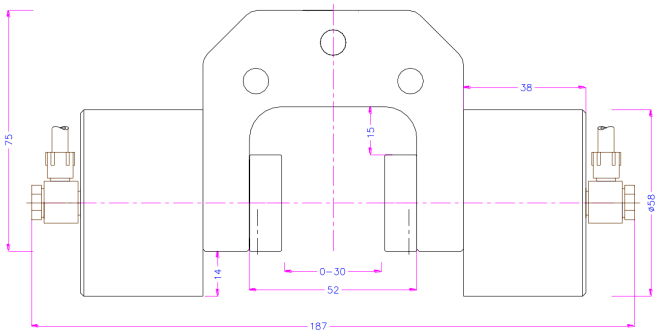


FIG. 3

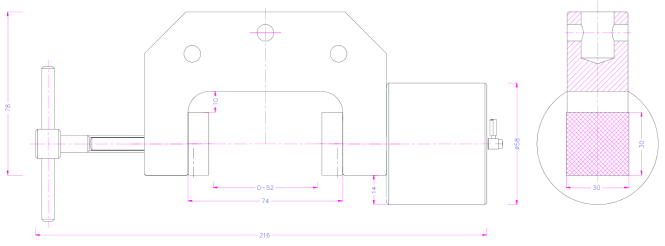
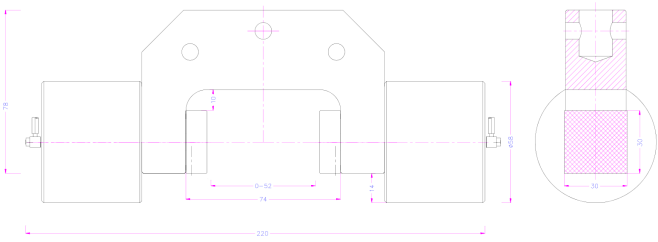


FIG. 4



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.