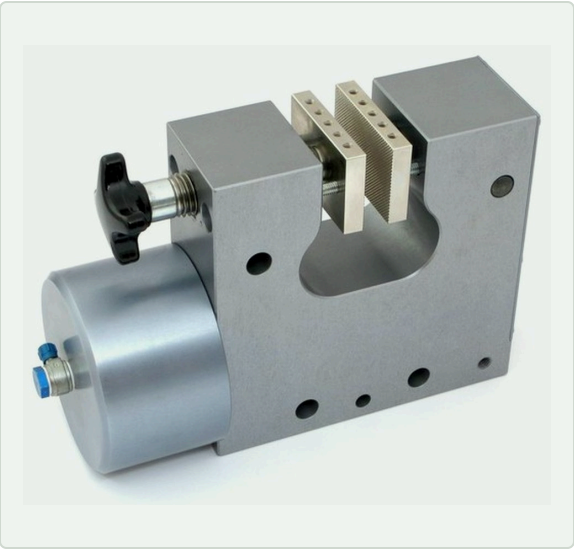
PNEUMATIC GRIPS

Pneumatic Grip 12 kN Clamping

Pneumatic lever-transmission grip with 12 kN clamping force and up to 30 mm opening



OVERVIEW

Pneumatic grip with lever transmission for metals, plastics, wood, metal foils, textiles and braids. A lever multiplies the cylinder force to 12 kN clamping force at 7 bar, or 25 kN at 15 bar. The jaw opening is set to 0-10, 10-20 or 20-30 mm with interchangeable rods, and a two-rod version with gear synchronization closes both jaws symmetrically.

KEY FEATURES

- Lever transmission gives 12 kN clamping force at 7 bar
- Up to 25 kN clamping force at 15 bar
- Jaw opening 0-30 mm in three ranges via included rods
- Two-rod version with gear for symmetric jaw closing
- Standard, wide 60 × 200 mm and quick-change insert jaws
- Anodized aluminum body with 1/8 in air connection

TECHNICAL SPECIFICATIONS

Clamping force	12 kN at 7 bar; 25 kN at 15 bar
Jaw opening	0-10, 10-20 or 20-30 mm (by rod set)
Jaw clamping surface	40 × 60 mm, 40 × 100 mm or 60 × 200 mm; insert jaws 50 × 60 or 50 × 100 mm
Body	Aluminum, anodized
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; others on request
Pneumatic connection	1/8 in internal thread
Temperature range	0 to 70 °C; other ranges on request
Weight	4.5 kg (1 rod) or 5.18 kg (2 rods) per grip without jaws
Scope of delivery	1 pair of grips incl. rods; jaws separate

AVAILABLE VERSIONS

Single rod	Lever transmission, 4.5 kg per grip
Two rods, gear-synchronized	Symmetric jaw movement, 5.18 kg per grip
Jaws 40 × 60 mm	Blank, rubber, pyramid, wave, diamond; opening 0-30 mm
V-jaws	Height 40 mm, round specimens Ø 3-20 or Ø 6-30 mm
Jaws 40 × 100 mm	Blank, rubber, pyramid, wave, diamond
Jaws 60 × 200 mm	Pyramid, rubber-coated or wave

APPLICATIONS

- Metals and metal foils
- Plastics and composites
- Wood samples
- Textiles and braids

Ordering & customization: Specify single- or two-rod version, jaw surface and size, 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-080

Pneumatic Grip 12 kN Clamping

DIMENSIONAL DRAWINGS

FIG. 1

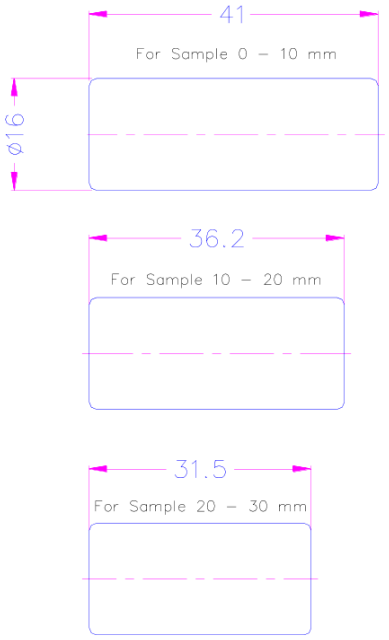


FIG. 2

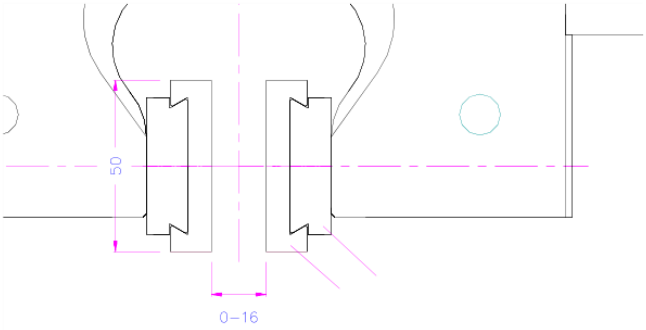


FIG. 3

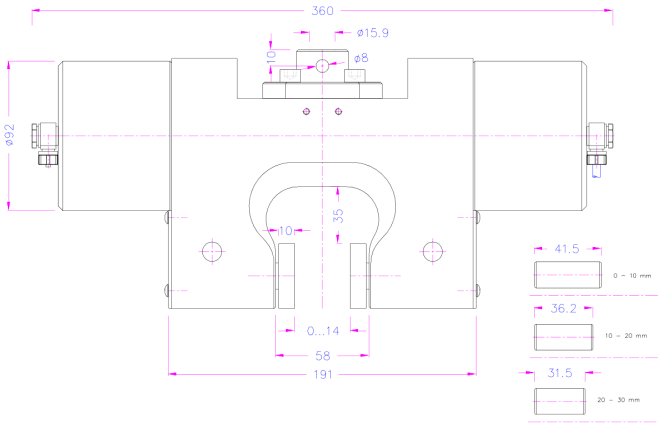
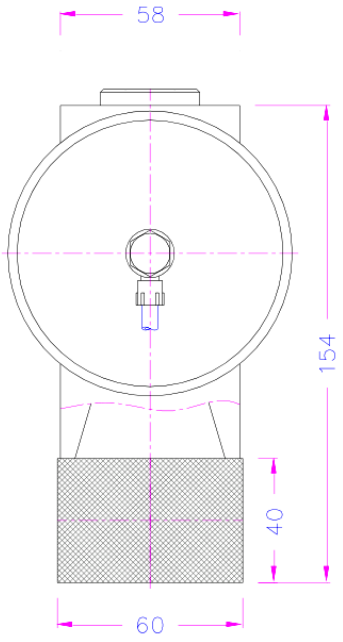


FIG. 4



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.