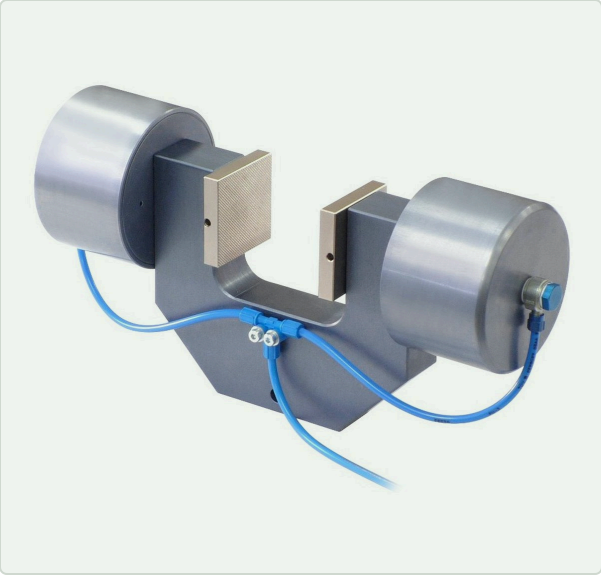
PNEUMATIC GRIPS

Symmetric Pneumatic Grip 5 kN

Pneumatic grip with symmetric jaw motion for specimens up to 60 mm thick



OVERVIEW

A pneumatic grip whose two jaws close symmetrically about the test axis, keeping the specimen centered regardless of thickness. A 50 mm stroke accepts specimens from 0 to 60 mm, and the grip carries up to 5 kN with 3.5 kN clamping force at 7 bar. Solid and quick-change insert jaws cover flat, round, flexible and foam specimens.

KEY FEATURES

- Symmetric jaw closing keeps specimens on the load axis
- Specimen thickness 0–60 mm, 50 mm stroke
- 3.5 kN clamping at 7 bar, up to 8 kN at 16 bar
- Hardened steel jaws, 58 HRC, for long service life
- Solid jaws 50 × 50 or 50 × 100 mm
- Quick-change insert jaws on carriers for fast face changes

TECHNICAL SPECIFICATIONS

Max. load	5 kN
Clamping force	3.5 kN at 7 bar; max. 8 kN at 16 bar
Jaw opening	0–60 mm (insert jaws 0–46 mm)
Jaw face size	50 × 50 or 50 × 100 mm
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm pin; others on request
Body material	Anodized aluminum; jaws hardened steel 58 HRC
Temperature range	0 to +70 °C; other ranges on request
Weight	2.6 kg per grip, without jaws
Operation	Pneumatic

AVAILABLE VERSIONS

Jaws 50 × 50 mm	Smooth, rubber, pyramid, V (4–30 mm Ø), wave and diamond faces
Jaws 50 × 100 mm	Smooth, rubber, pyramid, wave and diamond faces
Insert jaws 50 x 50 mm	Smooth, rubber, pyramid, V (4–14 mm Ø), wave and diamond faces
Carrier set	Required for insert jaws

APPLICATIONS

- Foams and mineral wool
- Rubber and elastomers
- Textiles and webbing
- Plastic and composite strips

Ordering & customization: Specify coupling, jaw type and face size (solid or insert jaws with carriers) and specimen thickness range. Add foot pedals, hand switches or a pressure regulator if required.

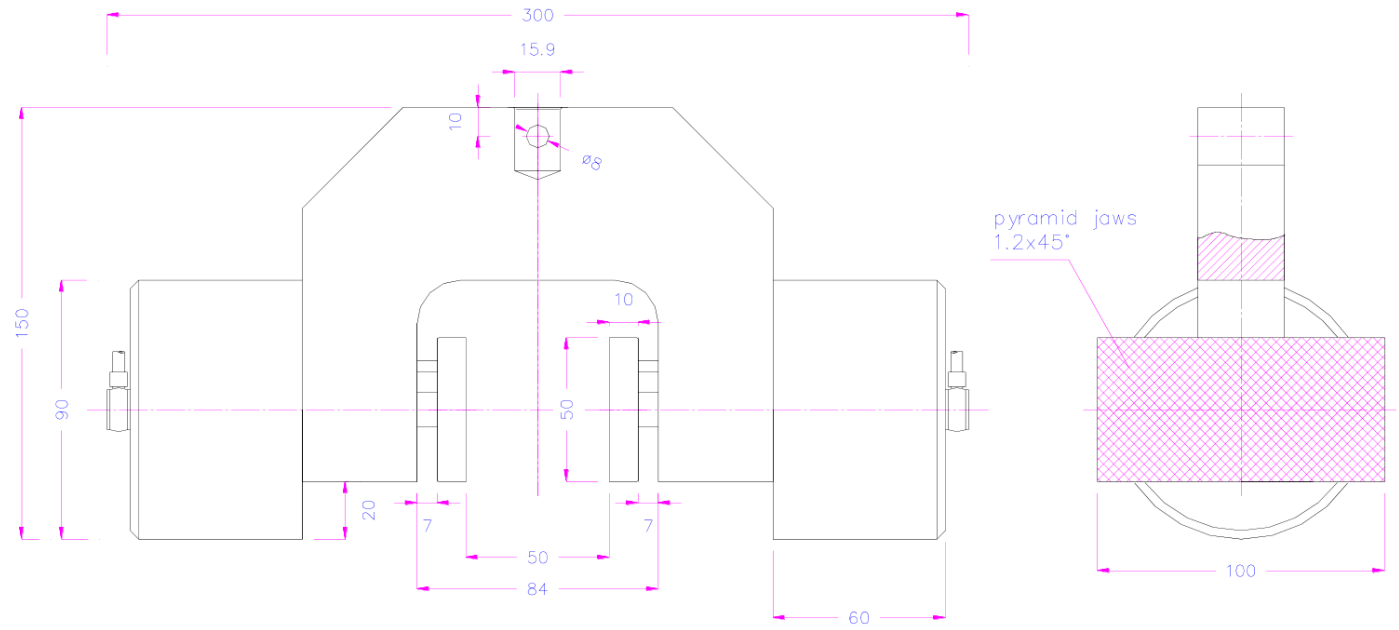
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

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-190

Symmetric Pneumatic Grip 5 kN

DIMENSIONAL DRAWINGS

FIG. 1



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.