PNEUMATIC GRIPS

Asymmetric Pneumatic Grip 11 kN

High-force asymmetric pneumatic grip with Ø 156 mm piston and 100 mm wide jaws



OVERVIEW

An asymmetric pneumatic grip in which a large Ø 156 mm piston drives one jaw against a fixed counter jaw. It develops 11 kN clamping force at 7 bar and accepts 60 × 100 mm hardened jaws with an opening of 0–30 mm. The grip suits thick or flexible flat specimens that need high clamping force with fast pneumatic operation.

KEY FEATURES

- Ø 156 mm pneumatic piston, 11 kN clamping at 7 bar
- Asymmetric design with fixed reference jaw
- 60 × 100 mm hardened steel jaws, 58 HRC
- Jaw opening 0–30 mm for thick and flexible specimens
- Available in pairs or as a single grip
- Optional foot pedals, hand switches and compressor

TECHNICAL SPECIFICATIONS

Clamping force	11 kN at 7 bar
Test type	Tension
Jaw face size	60 × 100 mm
Jaw opening	0–30 mm
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Pneumatic connection	1/8 in internal thread
Body material	Anodized aluminum; jaws hardened steel 58 HRC
Temperature range	0 to +70 °C; other ranges on request
Weight	3.6 kg per grip, without jaws

AVAILABLE VERSIONS

Pyramid jaws 60 x 100 mm	Pyramids 1.2 × 45°, opening 0–30 mm
Wave jaws 60 x 100 mm	5 mm wave for flexible materials, opening 0–30 mm

APPLICATIONS

- Textiles and webbing
- Rubber and elastomer sheet
- Plastic sheet and film laminates
- Coated fabrics

Ordering & customization: Specify quantity (pair or single grip), jaw face type and coupling. Jaws are ordered separately; add pneumatic accessories as 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-210

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DIMENSIONAL DRAWINGS

FIG. 1

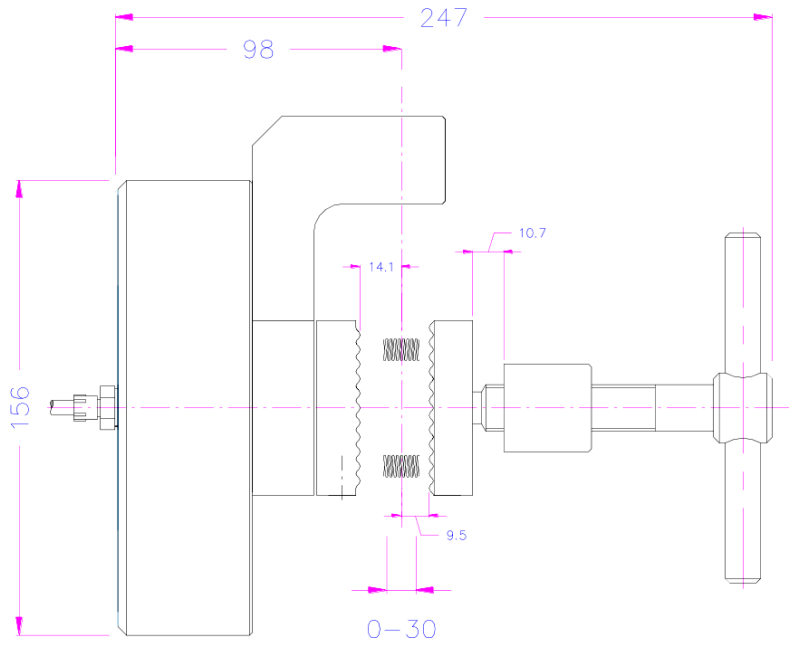
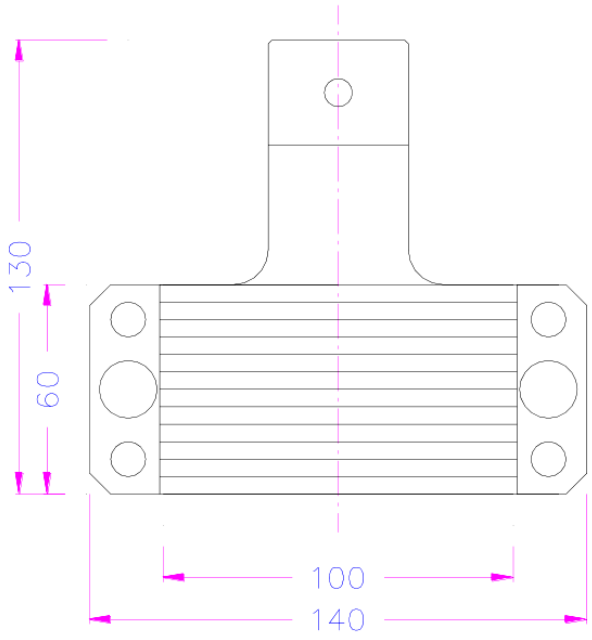


FIG. 2



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.