PNEUMATIC GRIPS

Small Universal Pneumatic Grip Dual Coupling

Compact single-piston pneumatic grip with dual pin-hole coupling block



OVERVIEW

A compact pneumatic grip for low-force tensile tests on foils, textiles and paper. A single pneumatic piston drives the moving jaw against a screw-adjustable counter jaw, giving 1.2 kN clamping force at 7 bar. The offset aluminum body carries a coupling block that accepts either common clevis pin size, so the grip fits a wide range of testing machines.

KEY FEATURES

- Quick pneumatic clamping, 1.2 kN at 7 bar
- Screw-adjustable counter jaw for setting the specimen line
- Coupling block for Ø 15.9 mm or Ø 20 mm clevis pins
- Anodized aluminum body, low mass on the load cell
- Accepts 30 × 30 mm solid and quick-change insert jaws
- Optional foot pedals or hand switches for operation

TECHNICAL SPECIFICATIONS

Clamping force	1.2 kN at 7 bar
Test type	Tension
Jaw opening	Up to 10 mm, depending on jaws
Jaw face size	30 × 30 mm (25 × 25 mm options)
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm pin; others via adapter
Body material	Anodized aluminum
Operation	Pneumatic, single piston
Temperature range	0 to +70 °C
Weight	On request

AVAILABLE VERSIONS

Solid jaws	Smooth, rubber, pyramid, fine pyramid, V, wave and diamond faces
Insert jaws	Quick-change 30 × 30 mm faces, require carrier set

APPLICATIONS

- Plastic films and foils
- Textiles and nonwovens
- Paper and packaging
- Thin metal foil

Ordering & customization: Specify coupling pin size, jaw type and jaw face size, and whether foot pedals or hand switches are needed.

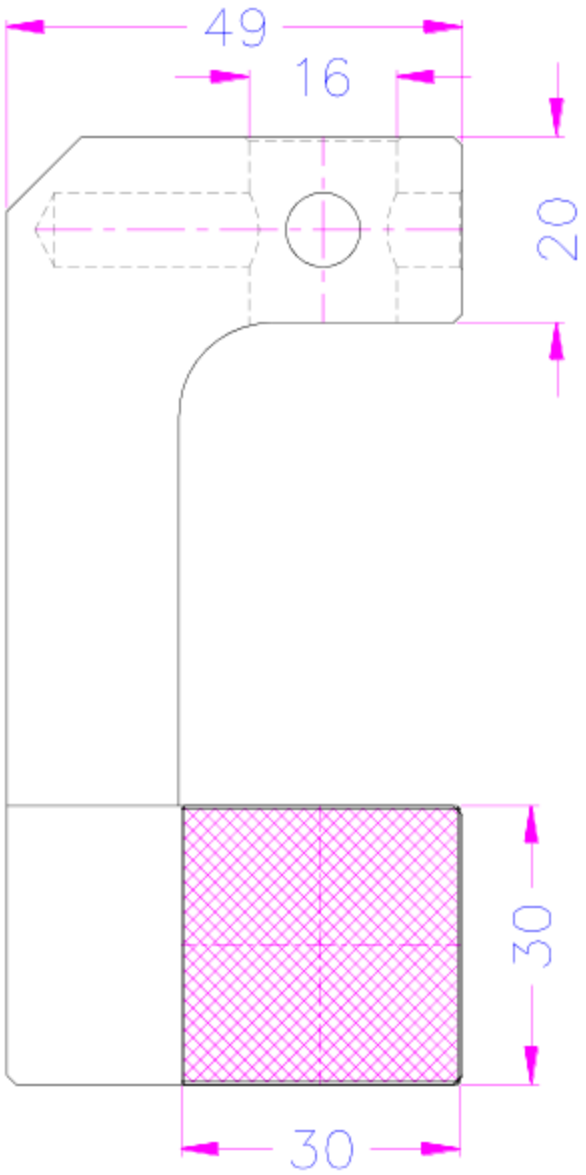
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

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-130

Small Universal Pneumatic Grip Dual Coupling

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.