VISE GRIPS

Screw Action Grip 1 kN

Lightweight 1 kN screw action grips for films, foils and textiles



OVERVIEW

A compact screw action grip for low-force tensile tests on plastics, textiles, paper, metal foil, aluminum and brass. The articulating jaws self-align and self-tighten as load builds, and the dual-acting design keeps asymmetrical specimens centered. At 0.75 kg per pair the anodized aluminum grips suit small load cells, and 30 × 30 mm jaws in many faces open from 0 to 10 mm.

KEY FEATURES

- Dual-acting design keeps asymmetrical specimens centered on the load axis
- Articulating jaws self-align and self-tighten as load increases
- Clamping force 5 kN at only 4 Nm torque
- Light 0.75 kg per pair for small load cells
- 30 × 30 mm and 25 × 25 mm jaws in many faces
- Quick-change insert jaw system available for fast face changes

TECHNICAL SPECIFICATIONS

Max. load	1 kN
Clamping force	5 kN at 4 Nm torque
Jaw opening	0 – 10 mm (depending on jaws)
Jaw size	30 × 30 mm or 25 × 25 mm
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm pin; others via adapter
Body material	Aluminum, anodized
Temperature range	0 to +70 °C (depending on jaws)
Weight	0.75 kg per pair without jaws
Scope of supply	1 pair of grips without jaws

AVAILABLE VERSIONS

Standard jaws	Blank, rubber, pyramid, fine pyramid, V, wave, diamond; 30 × 30 mm
Small jaws	Blank, rubber, pyramid; 25 × 25 mm
Insert jaws	Quick-change on carriers, 30 × 30 mm
Tall special	Height 170 mm, rubber-coated V-jaws

APPLICATIONS

- Plastic films and foils
- Textiles and yarns
- Paper and board
- Thin aluminum and brass

Ordering & customization: Specify jaw face and size, coupling and test temperature; jaws are ordered separately.

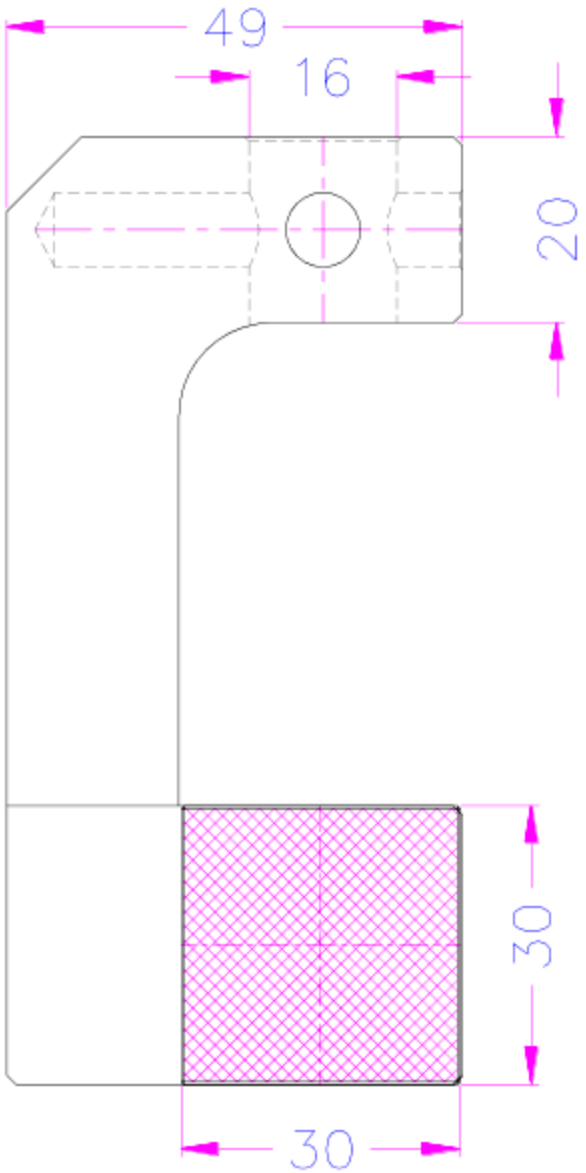
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-VG-140

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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.