ROPE GRIPS

Rope Grip with Pyramid Jaws 10 kN

Compact manual rope grip with guide roller for ropes up to 5 mm, -70 to 350 °C



OVERVIEW

Compact manual rope grip for tensile tests on thin ropes, cords and wires up to 5 mm diameter and 10 kN. The specimen is led around a 26 mm guide roller before it is clamped in the jaws, reducing stress concentration at the clamping point. The nickel-plated steel body can be used in temperature chambers from -70 to 350 °C.

KEY FEATURES

- 26 mm guide roller reduces stress at the clamping point
- For ropes and cords up to 5 mm diameter
- Pyramid or diamond-coated jaws, opening 0-12 mm
- Wide temperature range from -70 to 350 °C
- Compact, 0.9 kg per grip including jaws

TECHNICAL SPECIFICATIONS

Max. load	10 kN
Specimen diameter	Max. 5 mm
Guide roller diameter	26 mm
Jaws	Pyramid (1 × 45°, 58 HRC) or diamond-coated, 19 × 32 mm, opening 0-12 mm
Material	Steel, nickel-plated
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm; others on request
Temperature range	-70 to 350 °C; other ranges on request
Weight	0.9 kg per grip incl. jaws
Operation	Manual

AVAILABLE VERSIONS

Pyramid jaws	Serrated, hardened steel, 19 × 32 mm
Diamond-coated jaws	Synthetic diamond coating, 19 × 32 mm

APPLICATIONS

- Thin ropes and cords
- Wire strands
- High and low temperature testing
- Technical textiles

Ordering & customization: Specify the jaw surface (pyramid or diamond-coated), the coupling of your testing machine and the test temperature.

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-RP-060

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DIMENSIONAL DRAWINGS

FIG. 1

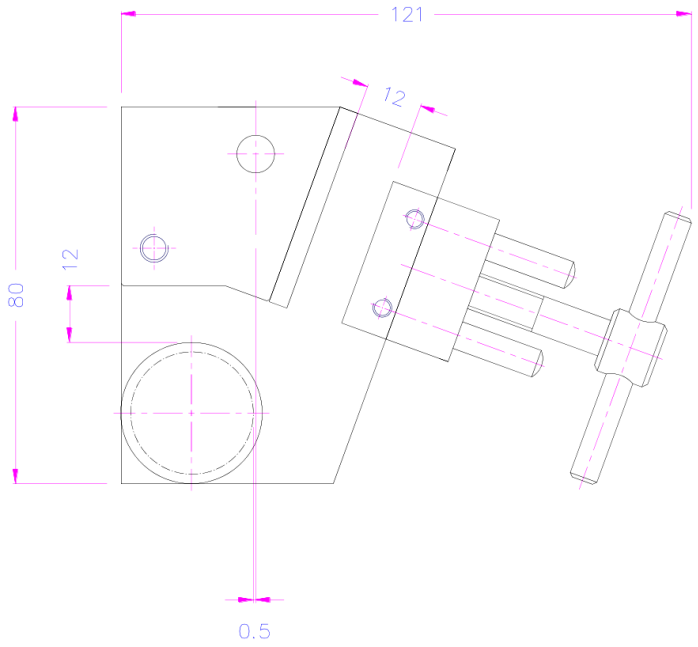
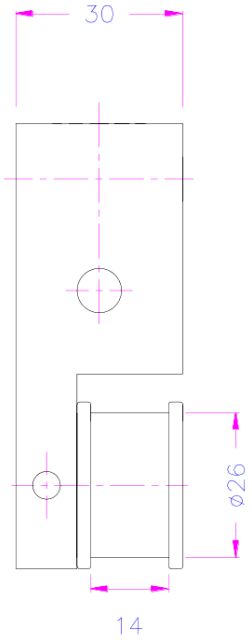


FIG. 2



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.