PNEUMATIC GRIPS

Pneumatic Grip 2.2 kN

Dual-action, self-centering pneumatic grip with 2.2 kN clamping force at 7 bar



OVERVIEW

Dual-action pneumatic grip with symmetric clamping, so the specimen is self-centered on the load axis for quick and easy loading. It produces 2.2 kN clamping force at 7 bar and up to 5 kN at 16 bar. Each grip is supplied with a specimen alignment device that mounts on the jaws, and standard or quick-change insert jaws are available.

KEY FEATURES

- Symmetric dual-action clamping self-centers the specimen
- Clamping force 2.2 kN at 7 bar, up to 5 kN at 16 bar
- Specimen alignment device included with each grip
- Two rod sets included for openings 0-6 mm and 4-11 mm
- Standard or quick-change insert jaws in six surfaces
- Lightweight anodized aluminum body, 1.21 kg per grip

TECHNICAL SPECIFICATIONS

Clamping force	2.2 kN at 7 bar; max. 5 kN at 16 bar
Jaw stroke	6 mm
Jaw opening	0-6 mm or 4-11 mm (by rod set)
Jaw clamping surface	30 × 50 mm (insert jaws also 30 × 100 mm)
Body	Aluminum, anodized
Pneumatic connection	1/8 in internal thread
Coupling	On request
Temperature range	0 to 70 °C; up to 180 °C on request
Weight	1.21 kg per grip without jaws

AVAILABLE VERSIONS

Jaws 30 × 50 mm	Blank, rubber-coated, pyramid, wave or diamond
V-jaws	Height 30 mm, round specimens Ø 4-6 mm or Ø 7-11 mm
Insert jaws 30 x 50 mm	Quick-change; carrier required
Insert jaws 30 x 100 mm	Blank, rubber, pyramid, wave or diamond
Line-contact insert jaws	Radius 15 mm

APPLICATIONS

- Plastic films and sheet
- Paper and packaging
- Rubber and elastomers
- Textiles and nonwovens

Ordering & customization: Specify the number of grips (pair or single), the jaw type and surface, the coupling of your testing machine and any pneumatic accessories.

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-040

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DIMENSIONAL DRAWINGS

FIG. 1

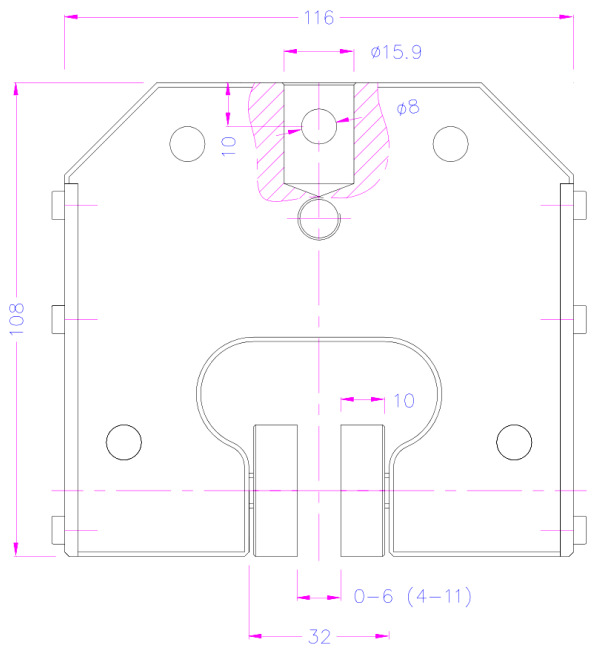
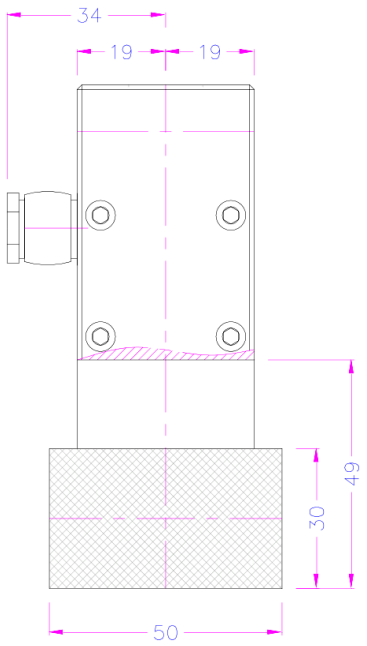


FIG. 2



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.