VISE GRIPS

# Wide Sample Vise Grip 20 kN

220 mm wide vise grips for textiles, manual or pneumatic



## OVERVIEW

A vise grip for wide specimens such as textiles, with 60 × 220 mm jaws closed by three screws or by a pneumatic cylinder. The manual version applies up to 40 kN clamping force at 45 Nm torque; the pneumatic version delivers 7.8 kN at 7 bar or 17.8 kN at 16 bar for fast, repeatable clamping. The anodized aluminum body carries hardened wave or serrated jaws opening from 0 to 20 mm.

## KEY FEATURES

- Wide 60 × 220 mm clamping surface
- Available with manual three-screw or pneumatic clamping
- Manual clamping force up to 40 kN at 45 Nm
- Pneumatic clamping force 7.8 kN at 7 bar, 17.8 kN at 16 bar
- Wave jaws for flexible materials, serrated jaws for rigid strips
- Foot pedals, hand switches and pressure regulator available

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Max. load** | 20 kN |
| **Clamping force** | 40 kN at 45 Nm (manual); 7.8 kN at 7 bar / 17.8 kN at 16 bar (pneumatic) |
| **Clamping surface** | 60 × 220 mm |
| **Jaw opening** | 0 – 20 mm |
| **Coupling** | Female clevis, Ø 15.9 mm (5/8 in) pin; others via adapter |
| **Body / jaws** | Anodized aluminum / hardened steel, nickel-plated |
| **Temperature range** | 0 to +70 °C (other ranges on request) |
| **Weight per grip** | 4.86 kg (manual) or 5.90 kg (pneumatic) without jaws |
| **Scope of supply** | 1 pair of grips without jaws |

## AVAILABLE VERSIONS

| | |
|---|---|
| **Manual version** | 3 screws, 4.86 kg per grip |
| **Pneumatic version** | 7.8 kN at 7 bar, 5.90 kg per grip |
| **Wave jaws** | 60 × 220 mm, 5 mm wave |
| **Pyramid jaws** | 60 × 220 mm, 1.2 × 45° serration |
| **Rubber-coated special** | 60 × 250 mm, opening 0–18 mm |

## APPLICATIONS

- Wide textile strips
- Technical fabrics and webbing
- Coated fabrics and membranes
- Nonwovens and felts

**Ordering & customization:** Specify manual or pneumatic version, jaw face, coupling and test temperature; jaws and pneumatic controls 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-180

# Wide Sample Vise Grip 20 kN

DIMENSIONAL DRAWINGS

FIG. 1

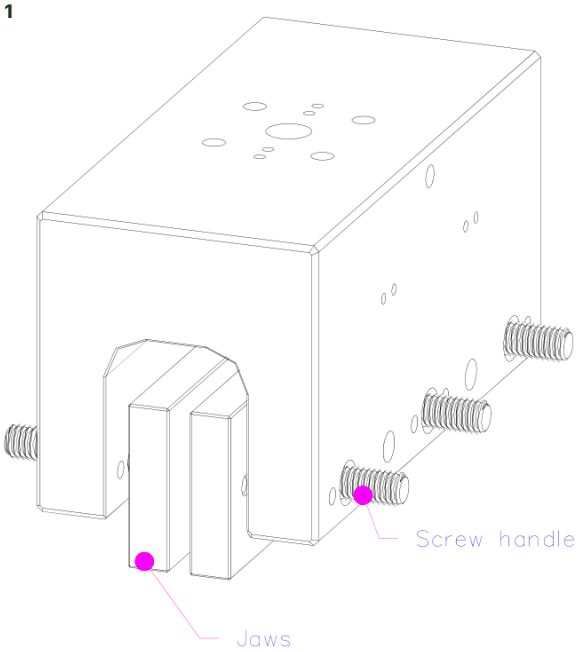



FIG. 2

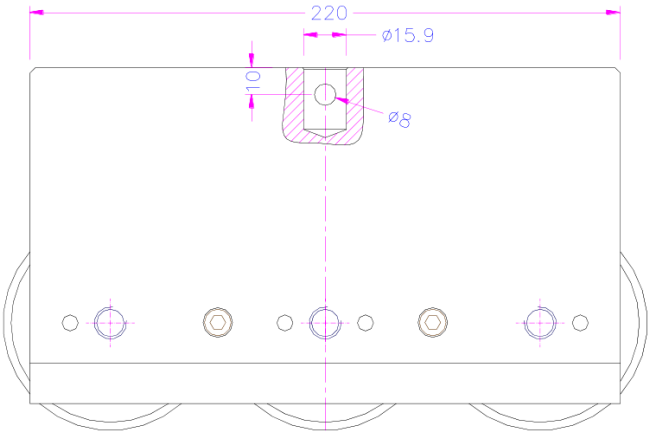



FIG. 3

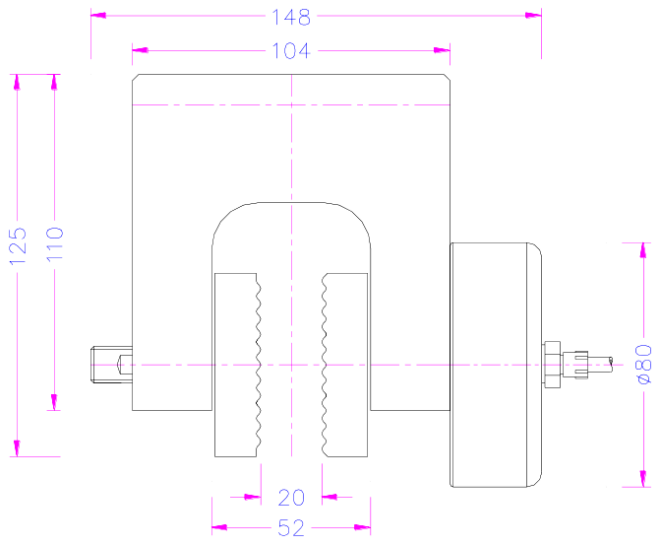
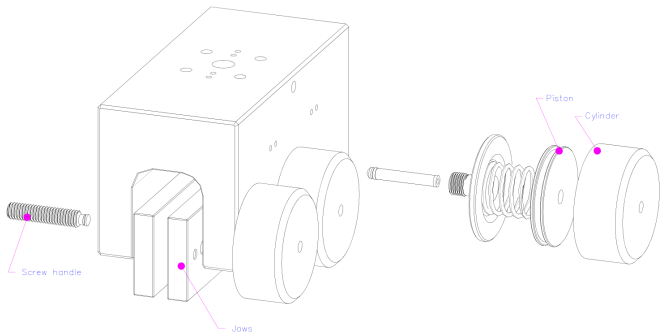



FIG. 4




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.