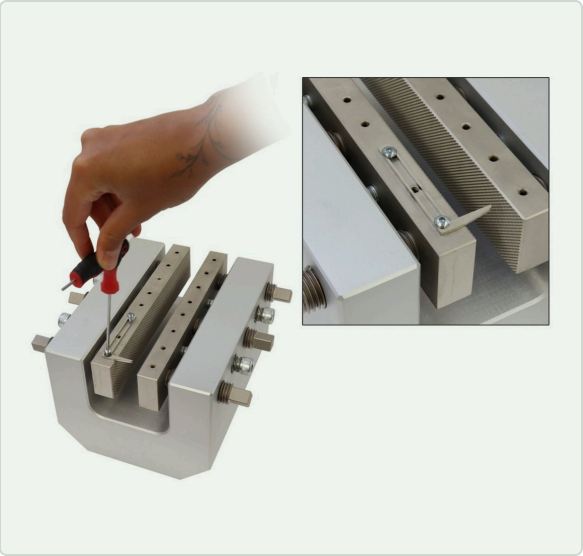
VISE GRIPS

# Textile and Geotextile Vise Grip 50 kN

200 mm wide three-screw vise grips for textiles and geotextiles, 50 kN



## OVERVIEW

A vise grip for broad textile, geotextile, foil, wood and plastic specimens, with 200 mm wide jaws clamped by three screws on each side. The screws build up to 100 kN clamping force at 120 Nm torque, holding wide strips evenly across their full width. The anodized aluminum body opens from 0 to 40 mm and accepts wave jaws for flexible materials or serrated jaws for rigid specimens.

## KEY FEATURES

- 200 mm jaw width for wide-strip specimens
- Three screws per side for even clamping pressure
- Clamping force up to 100 kN at 120 Nm torque
- Wave jaws for textiles and foils
- Serrated jaws for wood and plastic specimens
- Wider 300 mm and stainless chamber versions on request

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Max. load** | 50 kN |
| **Clamping force** | 100 kN at 120 Nm torque |
| **Jaw opening** | 0 – 40 mm |
| **Clamping surface** | 40 × 200 mm |
| **Operation** | Manual, 3 screws per side |
| **Body / jaws** | Anodized aluminum / hardened steel, nickel-plated |
| **Temperature range** | 0 to +70 °C (other ranges on request) |
| **Weight** | 8.5 kg per grip without jaws |
| **Coupling** | On request |

## AVAILABLE VERSIONS

| | |
|---|---|
| **Wave jaws 40 x 200 mm** | For textiles and foils |
| **Pyramid jaws 40 x 200 mm** | For wood and plastics |
| **Wave jaws 60 x 200 mm** | Taller clamping face |
| **Wide-opening special** | 0–44 mm, serrated 80 × 200 mm jaws |
| **Stainless steel special** | 100 kN, for chamber use |

## APPLICATIONS

- Woven and nonwoven textiles
- Geotextiles and geogrids
- Plastic foils and films
- Wood and plastic strips

**Ordering & customization:** Specify jaw face and height, specimen thickness, test temperature and machine coupling; 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-170

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DIMENSIONAL DRAWINGS

FIG. 1

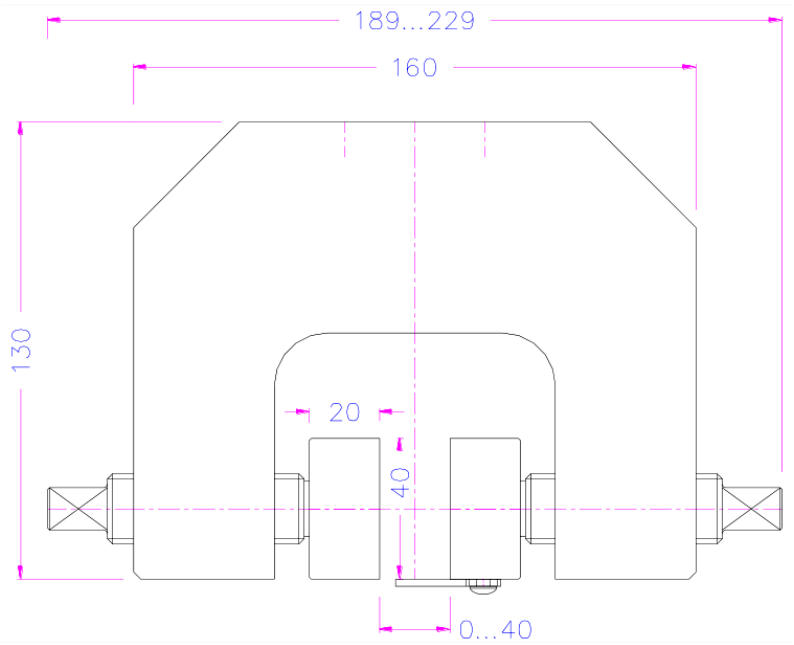



FIG. 2

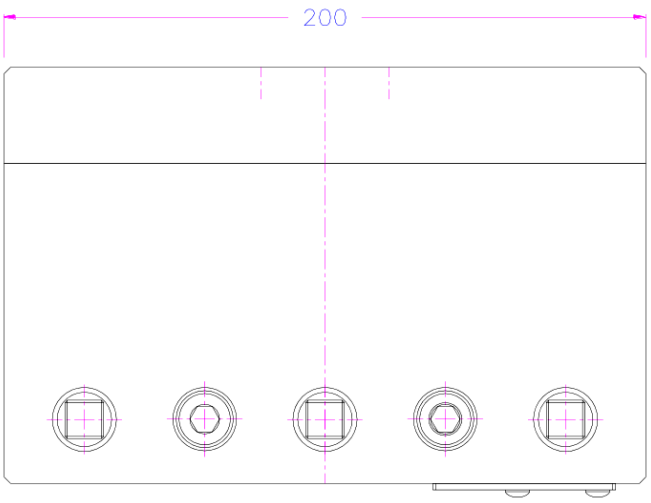
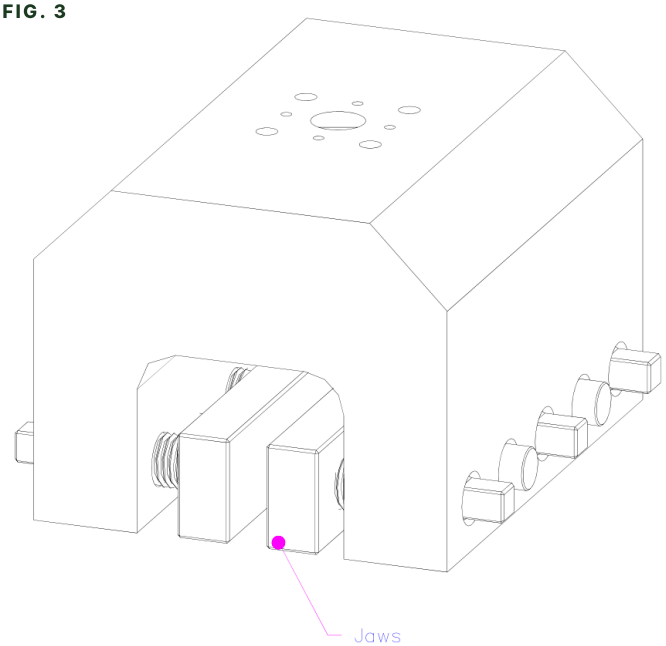



FIG. 3




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.