VISE GRIPS

Screw Grips 2-20 kN

Thumb-screw bar grips for thin flat specimens, 2 kN and 20 kN



OVERVIEW

Simple screw grips with a long clamping bar tightened by thumb screws at each end, for thin flat specimens up to 8 mm thick. The 2 kN version has an anodized aluminum body for low-force room-temperature tests, while the 20 kN steel version covers a wide temperature range from -40 to +350 °C for use in environmental chambers. Both suit tensile tests on strips, films and sheet.

KEY FEATURES

- Clamping bar tightened by two thumb screws
- Jaw opening 0 to 8 mm for thin flat specimens
- Lightweight anodized aluminum 2 kN version
- Nickel-plated steel 20 kN version for chamber use
- Wide temperature range of -40 to +350 °C (20 kN)
- Simple, low-cost design for routine strip testing

TECHNICAL SPECIFICATIONS

Max. load	2 kN or 20 kN
Test type	Tensile
Jaw opening	0 – 8 mm
Operation	Manual, thumb screws
Material	Aluminum, anodized (2 kN); steel, nickel-plated (20 kN)
Temperature range	0 to +70 °C (2 kN); -40 to +350 °C (20 kN)
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin (2 kN); 20 kN on request
Clamping width	On request

AVAILABLE VERSIONS

2 kN	Anodized aluminum, 0 to +70 °C
20 kN	Nickel-plated steel, -40 to +350 °C

APPLICATIONS

- Thin metal and plastic strips
- Films and foils
- Elevated-temperature chamber tests
- Paper and laminates

Ordering & customization: Specify capacity (2 or 20 kN), test temperature, specimen width and thickness, and machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

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-050