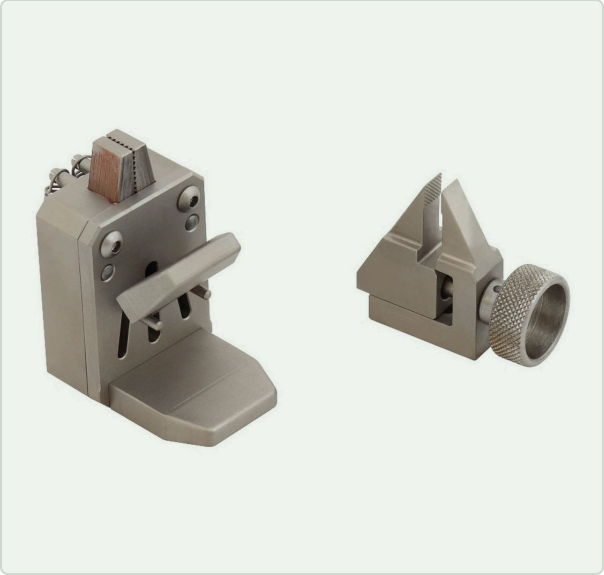
WEDGE GRIPS

Small Manual Wedge Grip 1 kN

Miniature wedge grip with spring-loaded lever for fine specimens, 1 kN



OVERVIEW

A miniature manual wedge grip for very small specimens such as fine wires, fibers, films and micro components. A spring-loaded lever opens the jaws quickly for easy specimen insertion and removal, and the wedge action tightens the serrated 8 × 10 mm jaws as load increases. The grip weighs only 0.2 kg including jaws and operates from -40 to +180 °C.

KEY FEATURES

- Spring-loaded lever for quick jaw opening
- Wedge action tightens the jaws as load increases
- Serrated 8 × 10 mm jaws included
- Very low mass of 0.2 kg per grip
- Temperature range -40 to +180 °C
- M4 thread or clevis adapter coupling

TECHNICAL SPECIFICATIONS

Max. load	1 kN
Test type	Tensile
Jaw opening	0 – 3 mm
Clamping surface	8 × 10 mm, pyramid serrated
Coupling	M4 female thread; Female clevis, Ø 15.9 mm (5/8 in) pin via adapter
Material	Steel, nickel-coated
Temperature range	-40 to +180 °C (other ranges on request)
Weight	0.2 kg per grip incl. jaws
Scope of supply	1 grip incl. jaws (pair per price list)

AVAILABLE VERSIONS

M4 thread coupling	Direct mounting on small load cells
With clevis adapter	Female clevis, Ø 15.9 mm (5/8 in) pin

APPLICATIONS

- Fine wires and fibers
- Thin films and foils
- Micro components
- Medical sutures and threads

Ordering & customization: Specify coupling (M4 thread or clevis adapter) and 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-WG-190

Small Manual Wedge Grip 1 kN

DIMENSIONAL DRAWINGS

FIG. 1

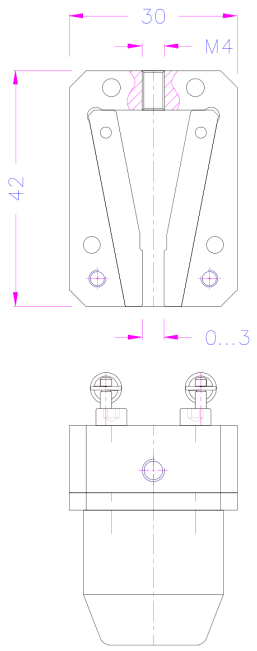


FIG. 2

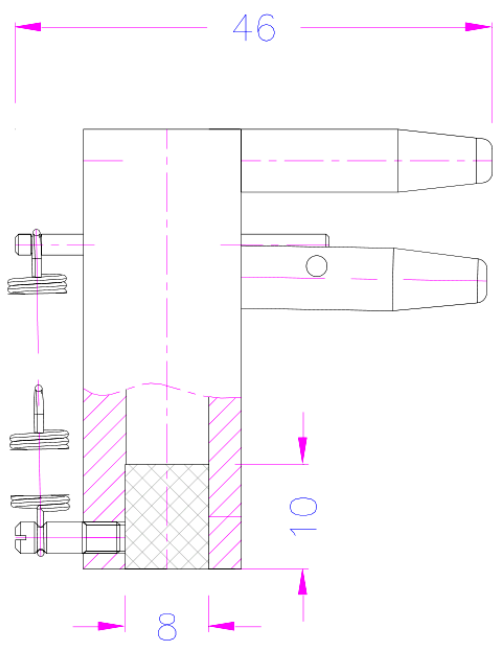


FIG. 3

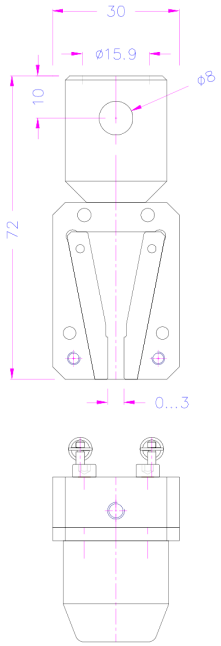
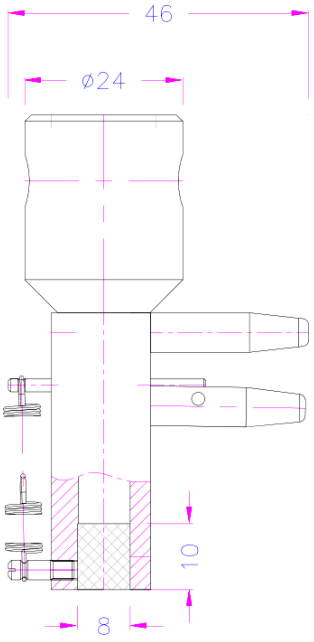


FIG. 4



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.