WEDGE GRIPS

Small Wedge Grip 10 kN

Compact self-tightening 10 kN wedge grips for small metal and plastic specimens



OVERVIEW

A compact, easy-to-use wedge grip for small metal and plastic specimens. The 10 mm wide jaws tighten themselves as tensile force is applied, so no high initial clamping is needed. At about 1 kg per grip the grip suits small load frames, and serrated or V-jaws open up to 8 mm. It is suitable for subsize metallic specimens to ASTM E8, and a stainless steel version operates from -70 to +280 °C.

KEY FEATURES

- Wedge jaws tighten themselves as tensile force is applied
- Narrow 10 mm jaw width for small specimens
- Jaw opening 0 to 8 mm
- Light weight of about 1 kg per grip
- Suitable for ASTM E8 subsize specimens
- Stainless steel version for -70 to +280 °C

TECHNICAL SPECIFICATIONS

Max. load	10 kN
Test type	Tensile
Jaw opening	0 – 8 mm flat; Ø 2 – 8 mm round
Clamping surface	40 × 10 mm
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; stainless version Ø 20 mm pin
Body material	Steel, nickel-coated
Temperature range	0 to +70 °C (stainless version -70 to +280 °C)
Weight	1 kg per grip without jaws
Scope of supply	1 pair of grips without jaws

AVAILABLE VERSIONS

Standard	Nickel-coated steel, 0 to +70 °C
Stainless steel	Corrosion resistant, -70 to +280 °C
Pyramid jaws	Serrated, 40 × 10 mm, 0–8 mm
V-jaws	40 mm height, Ø 2–8 mm

APPLICATIONS

- Subsize metal tensile specimens
- Small plastic specimens
- Wires and thin rods
- Micro and miniature specimens

STANDARDS ASTM E8

Ordering & customization: Specify standard or stainless version, jaw type and coupling; jaws are ordered separately and grips can be ordered singly.

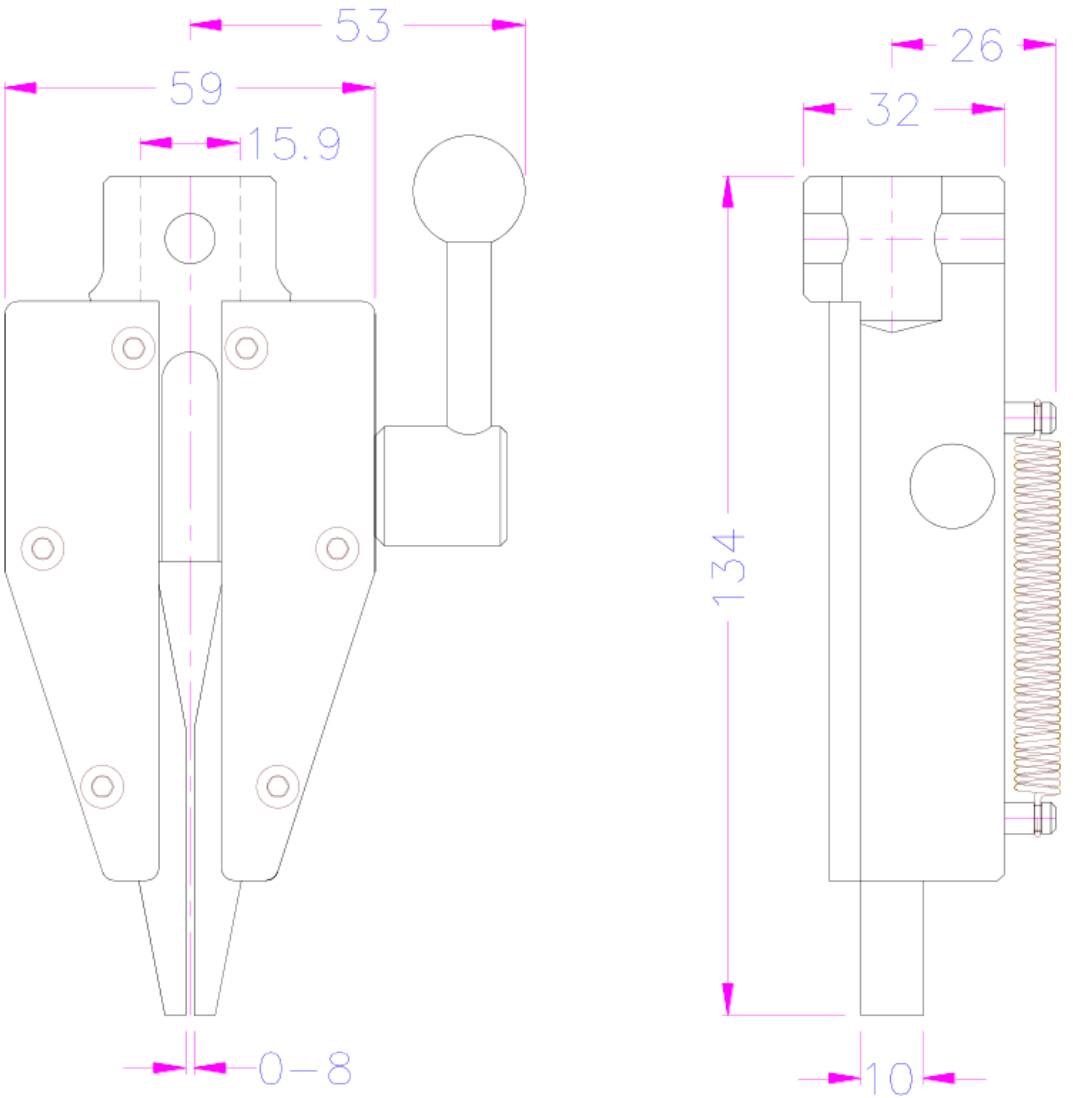
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

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-170

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DIMENSIONAL DRAWINGS

FIG. 1



Scope of delivery 1 set = 4 jaws

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.