HYDRAULIC GRIPS

Hydraulic Wedge Grip with Centering Device 250 kN

Hydraulic wedge grip with integrated specimen centering, 600 kN clamping at 100 bar



OVERVIEW

A hydraulic wedge grip with an integrated centering device that positions each specimen on the load axis before clamping. Large Ø 160 mm pistons close the wedge jaws with up to 600 kN clamping force at only 100 bar, for a maximum tensile load of 250 kN. Spring-return action opens the jaws, and pyramid or V-jaws cover flat and round specimens.

KEY FEATURES

- Rated for 250 kN maximum tensile load
- 600 kN clamping force at 100 bar
- Integrated centering device places specimens on the load axis
- Spring-return wedge jaws open automatically after the test
- 95 × 79 mm pyramid and V-jaws
- Nickel-plated steel body for corrosion resistance

TECHNICAL SPECIFICATIONS

Max. tensile load	250 kN
Clamping force	600 kN at 100 bar
Jaw opening	0–12 mm flat; 4–12 mm Ø round
Jaw face size	95 × 79 mm (H x W)
Coupling	Female clevis, Ø 50 mm pin; others on request
Body material	Steel, nickel-plated
Temperature range	0 to +70 °C; other ranges on request
Weight	60 kg
Operation	Hydraulic with spring return

AVAILABLE VERSIONS

Pyramid jaws	Flat specimens 0–12 mm
V-jaws	Round specimens 4–12 mm Ø

APPLICATIONS

- Steel sheet and strip
- Wire and round bar
- Production quality control
- Bolts and fasteners

Ordering & customization: Specify coupling, jaw type and specimen range, and the hydraulic supply available.

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-HG-110

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DIMENSIONAL DRAWINGS

FIG. 1

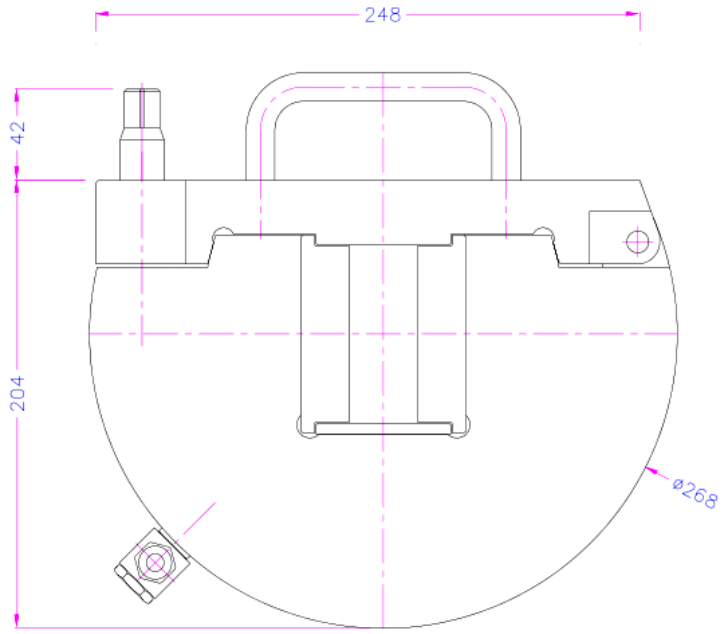
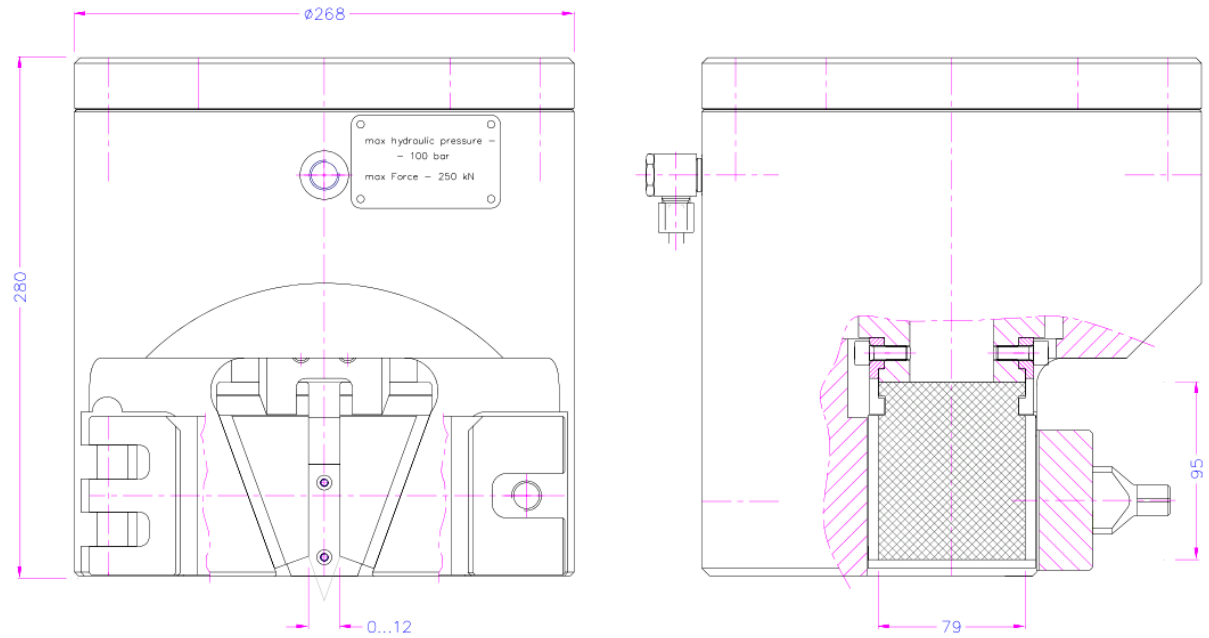


FIG. 2



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.