SHOULDER & BUTTON HEAD GRIPS

Shoulder Grip with Quick-Change Inserts 70 mm

250 kN shoulder grip carrier with easily interchangeable inserts for button-head, threaded and screw-head specimens



OVERVIEW

Shoulder grip carrier for tensile tests on metallic materials, with easily interchangeable inserts for button-head, threaded-end and screw-head specimens. The insert is dropped into the carrier and supports the specimen head or thread, so changing specimen types takes seconds. Rated to 250 kN, the hardened carrier suits round specimens to GOST 1497, DIN 50125 and ASTM A370.

KEY FEATURES

- Quick-change inserts for three specimen types
- Split two-piece inserts for button-head and screw-head specimens
- One-piece inserts for threaded-end specimens of any thread size
- Button-head inserts for specimen diameters up to 10 mm
- Hardened, nickel-plated steel carrier rated to 250 kN
- Carriers supplied in pairs; inserts ordered by specimen size

TECHNICAL SPECIFICATIONS

Max. load	250 kN
Test type	Tensile test of round metallic specimens
Specimen	Button-head (max. Ø 10 mm), threaded-end or screw-head
Coupling	Female clevis, Ø 70 mm; others on request
Material	Steel, hardened, nickel-plated
Temperature range	0 to 70 °C; other ranges on request
Weight	4.9 kg per carrier; inserts approx. 1.4-1.5 kg per pair
Scope of delivery	1 pair of carriers; inserts ordered separately

AVAILABLE VERSIONS

Carrier, 250 kN	Female clevis Ø 70 mm, pair
Button-head inserts	Split; by specimen diameter (max. 10 mm) and fillet radius
Threaded-end inserts	One-piece; by thread size
Screw-head inserts	Split; by screw diameter

APPLICATIONS

- Metals tensile testing
- Round machined specimens
- Threaded specimens and screws
- Steel and alloy production

STANDARDS GOST 1497, GOST 6996, GOST 11150, DIN 50125, ASTM A370

Ordering & customization: Specify the specimen type, diameter and fillet radius or thread size for each insert set, and the coupling of your testing machine.

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-SH-350

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DIMENSIONAL DRAWINGS

FIG. 1

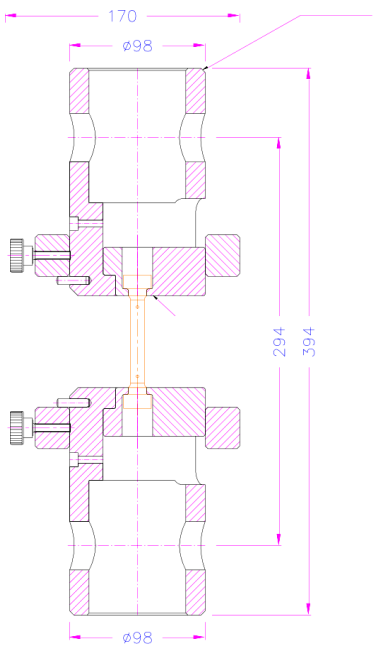


FIG. 2

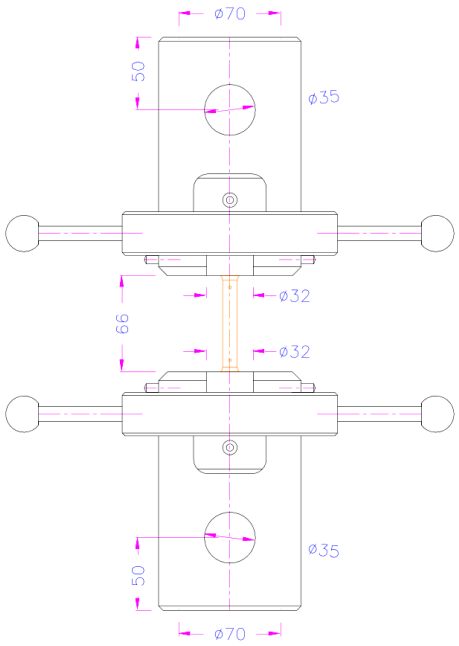
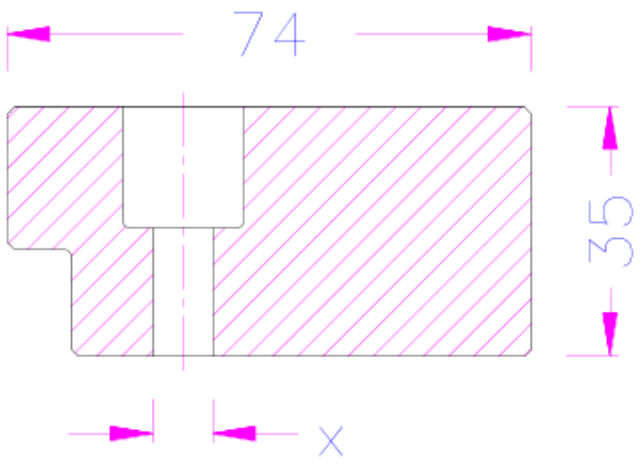


FIG. 3



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.