SHOULDER & BUTTON HEAD GRIPS

Shoulder Grips for Small Specimens

Hardened shoulder grips for small round specimens with button or shoulder heads



OVERVIEW

Shoulder grips for tensile testing of small round specimens with shouldered or button-head ends. The specimen shank passes through a bored hole and its head seats against a radiused shoulder, so load is introduced without clamping the gauge section. Two bore sizes are available, with threaded collars and thumb screws for quick specimen change.

KEY FEATURES

- Radiused seats match the shoulder of the specimen head
- Two bore sizes: Ø 8.1 mm and Ø 6 mm
- Threaded collars and thumb screws for quick specimen change
- Hardened, nickel-plated steel for wear resistance
- Load introduced without clamping the gauge section
- Also suited to small fine ceramic tensile specimens

TECHNICAL SPECIFICATIONS

Test type	Tensile test of shouldered round specimens
Specimen hole	Ø 8.1 mm (2 mm radius) or Ø 6 mm (1.5 mm radius)
Max. load	On request
Material	Steel, hardened, nickel-plated
Coupling	Male clevis, Ø 35 mm
Operation	Manual, threaded collar with thumb screws

AVAILABLE VERSIONS

Hole Ø 8.1 mm	Seat radius 2 mm
Hole Ø 6 mm	Seat radius 1.5 mm

APPLICATIONS

- Small metal tensile specimens
- Fine ceramic specimens
- Miniature and sub-size specimens
- Materials research

Ordering & customization: Specify the specimen shank diameter and head geometry, the expected maximum load and the coupling of your testing machine.

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-SH-130