SHOULDER & BUTTON HEAD GRIPS

Heavy Duty Specimen Holder 100 kN

Spherically seated 100 kN holder with inch-size inserts for shouldered specimens



OVERVIEW

Heavy-duty holder for tensile tests on shouldered round specimens up to 100 kN. The specimen is placed through a sized insert and retained by a knurled thumb screw, while a spherical seat between holder and coupling aligns it with the load axis. Inserts for 0.75 in and 0.5 in specimens are available.

KEY FEATURES

- Rated to 100 kN for heavy-duty tensile testing
- Spherical seat with ring nut for self-alignment
- Interchangeable inserts for 0.75 in and 0.5 in specimens
- Knurled thumb screw for quick insert retention
- Hardened, nickel-coated steel for wear and corrosion resistance

TECHNICAL SPECIFICATIONS

Max. load	100 kN
Test type	Tensile test of shouldered round specimens
Inserts	For 0.75 in and 0.5 in specimens
Seat	Spherical, self-aligning
Material	Steel, hardened, nickel-coated
Coupling	Male clevis, Ø 50 mm with Ø 17.5 mm pin hole
Operation	Manual, thumb screw retention

AVAILABLE VERSIONS

Insert 0.75 in	For 0.75 in specimens
Insert 0.5 in	For 0.5 in specimens

APPLICATIONS

- Metals tensile testing
- ASTM inch-size round specimens
- Heavy-duty material qualification
- Steel and alloy laboratories

Ordering & customization: Specify the specimen diameter and head geometry, the insert sizes required 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-370