SHOULDER & BUTTON HEAD GRIPS

Pipe Tensile Test Grips ISO 6259-3

Special grips for tensile testing of specimens cut from thermoplastic pipes



OVERVIEW

Special grips for tensile tests on thermoplastic pipes to ISO 6259-3 and ISO 4437-1. Dumbbell specimens machined from the pipe wall are held at their shoulders, so curved, thick-walled sections are loaded axially without slipping. Two versions cover specimen thicknesses from 12 to 70 mm for polyethylene and other thermoplastic pipes.

KEY FEATURES

- Designed for specimens to ISO 6259-3 and ISO 4437-1
- Holds thick-walled pipe specimens from 12 mm to 70 mm
- Shoulder loading prevents slippage of curved specimens
- Nickel-plated steel for durability and corrosion protection
- Two versions with different couplings for small and large frames

TECHNICAL SPECIFICATIONS

Test type	Tensile test of thermoplastic pipe specimens
Specimen thickness	12-50 mm or 30-70 mm (by version)
Max. load	On request
Material	Steel, nickel-plated
Coupling	Male clevis, Ø 25 mm pin hole, or female clevis, Ø 31.8 mm (1-1/4 in) pin
Operation	Manual

AVAILABLE VERSIONS

Specimen thickness 12-50 mm	ISO 6259-3 Fig. 3 and ISO 4437-1; male clevis, Ø 25 mm pin hole
Specimen thickness 30-70 mm	ISO 6259-3; female clevis, Ø 31.8 mm (1-1/4 in) pin

APPLICATIONS

- Plastic pipe manufacturing
- Polyethylene gas and water pipes
- Pipe material qualification
- Third-party testing laboratories

STANDARDS ISO 6259-3, ISO 4437-1

Ordering & customization: Specify the pipe wall thickness and specimen type, 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-070