STANDARDS TEST FIXTURE

Metallic Compression Fixture 100 kN

Guided compression fixture for metallic materials to ASTM E9, 100 kN



OVERVIEW

Compression test fixture for metallic materials according to ASTM E9. A guided plunger, Ø 25 mm with a 12.5 mm radius seat, runs in a rigid C-frame mounted on a lower compression platen, keeping the load axial and preventing specimen misalignment. Special top and bottom steel platens, Ø 156 mm, are included. Rated for 100 kN.

KEY FEATURES

- Designed for compression tests on metals according to ASTM E9
- Guided plunger, Ø 25 mm, keeps loading axial
- Rigid C-frame resists bending under high load
- Includes special top and bottom steel platens, Ø 156 mm
- Nickel-plated steel construction, rated for 100 kN
- M28 × 1.5 male thread connection

TECHNICAL SPECIFICATIONS

Max. load	100 kN
Test type	Compression
Standard	ASTM E9
Plunger	Ø 25 mm, radius 12.5 mm
Platens	Top and bottom, Ø 156 mm, steel
Coupling	Male thread M28 × 1.5
Material	Steel, nickel-plated
Temperature range	On request

APPLICATIONS

- Metallic materials testing
- Aerospace alloy qualification
- Small cylindrical compression specimens
- Research laboratories

STANDARDS ASTM E9

Ordering & customization: Specify specimen diameter and height and the machine connection.

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-ST-420