SHEAR FIXTURES

Wood Shear Test Fixture EN 13354

Compression shear fixture for wood and bonded wood per EN 13354



OVERVIEW

A shear test fixture for wood and bonded solid wood panels to EN 13354. The specimen is clamped in an adjustable jaw opening of 10 to 60 mm, and a Ø 20 mm punch drives the shear load through the specimen. It operates in compression on a lower platen and is rated to 5 kN.

KEY FEATURES

- Conforms to EN 13354 shear testing
- Adjustable jaw opening of 10–60 mm for specimen thickness
- Ø 20 mm punch introduces the shear load
- Corrosion-resistant construction made of nickel-plated steel
- Ø 20 mm female clevis coupling

TECHNICAL SPECIFICATIONS

Test type	Shear, compression mode
Max. load	5 kN
Jaw opening	10–60 mm
Punch diameter	20 mm
Coupling	Female clevis, Ø 20 mm pin
Material	Steel, nickel-plated
Temperature range	Ambient
Accessory	Lower compression platen recommended

APPLICATIONS

- Solid wood panels
- Glued laminated timber
- Wood adhesives
- Timber research labs

STANDARDS EN 13354

Ordering & customization: Specify specimen thickness, the machine coupling and whether a lower compression platen is required.

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-SF-110