SHEAR FIXTURES

Plywood Glue Bond Shear Fixture EN 314-1

Compression shear fixture for plywood glue bond quality per EN 314-1



OVERVIEW

A compression shear fixture for evaluating the glue bond quality of plywood to DIN EN 314-1. The notched plywood specimen is held between polyamide jaws with a 25 mm opening and loaded in compression between platens until the glue line shears. The compact, lightweight fixture is placed directly on the lower compression platen.

KEY FEATURES

- Conforms to DIN EN 314-1 glue bond testing
- Polyamide jaws protect the specimen surface
- 25 mm jaw opening for standard plywood specimens
- Rated for maximum loads of 10–20 kN
- Lightweight 0.4 kg fixture used between platens

TECHNICAL SPECIFICATIONS

Test type	Compression shear of glue lines
Max. load	10–20 kN
Opening	25 mm
Body	Steel, nickel-plated
Jaws	Polyamide
Coupling	None - used between compression platens
Temperature range	0 ... +70 °C (others on request)
Weight	0.4 kg (without platens)

APPLICATIONS

- Plywood panels
- Veneer-based panels
- Wood adhesives
- Panel production QC

STANDARDS EN 314-1

Ordering & customization: Specify specimen thickness and order upper and lower compression platens to suit the machine.

Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

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-160

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DIMENSIONAL DRAWINGS

FIG. 1

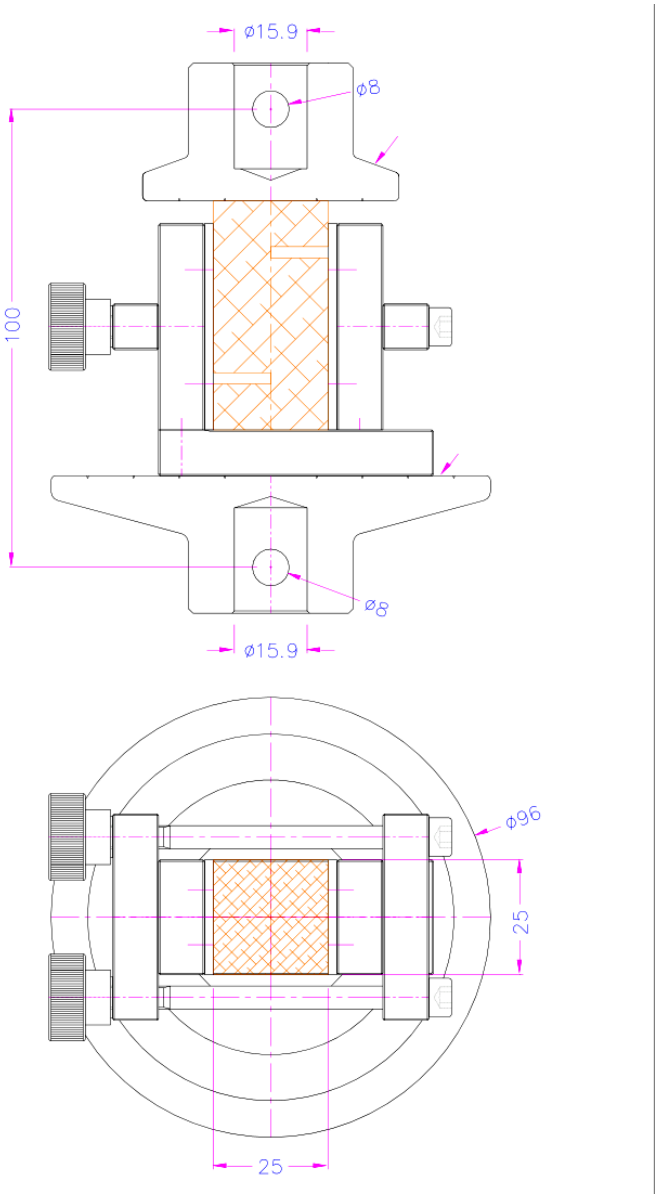
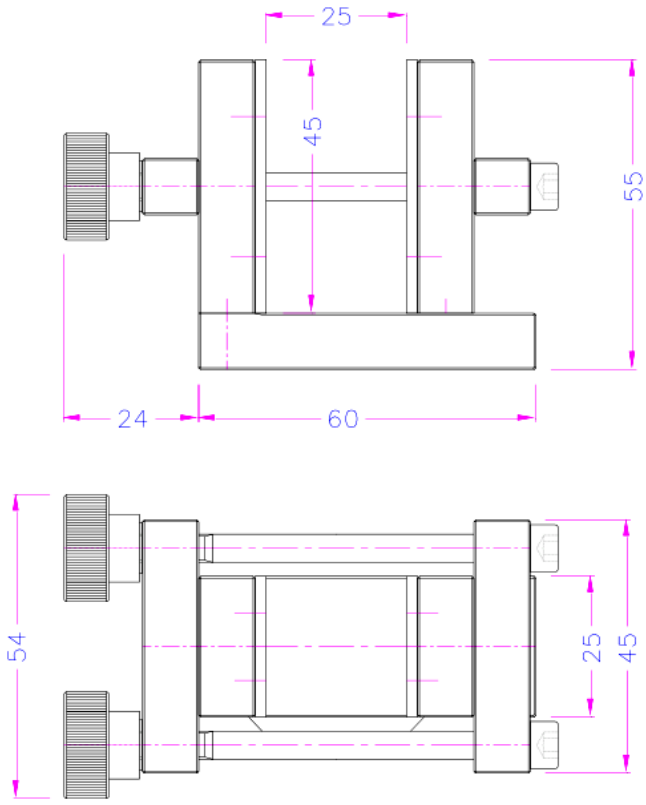


FIG. 2



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.