SHOULDER & BUTTON HEAD GRIPS

Wood Panel Surface Soundness Fixture EN 311

Aluminum pull-off fixture for surface soundness testing of wood-based panels to EN 311



OVERVIEW

Fixture for determining the surface soundness of wood-based panels such as particleboard and MDF to EN 311. A stainless steel pad is bonded to the panel surface inside a milled groove; the lower part holds the panel while the upper part pulls the pad off perpendicular to the surface, measuring the tensile strength of the surface layer.

KEY FEATURES

- Built to EN 311 surface soundness method
- Lightweight anodized aluminum upper and lower parts
- Reusable stainless steel pull-off pads bonded to the specimen
- Wide temperature range of -70 to 180 °C
- Optional universal joint adapter for axial alignment
- Additional pads available singly or in packs of 10

TECHNICAL SPECIFICATIONS

Max. load	5 kN
Test type	Surface soundness (pull-off) of wood-based panels
Material	Upper and lower part anodized aluminum; pad stainless steel
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm; others on request
Temperature range	-70 to 180 °C; other ranges on request
Weight	2.3 kg (excl. adapter)
Scope of delivery	1 upper part, 1 lower part, 1 pad
Options	Universal joint adapter; extra pads (1 or 10 pcs)

AVAILABLE VERSIONS

Complete fixture	Upper part, lower part and 1 pad
Pad, single	Stainless steel
Pads, pack of 10	Stainless steel
Lower part	Spare lower part

APPLICATIONS

- Particleboard and MDF production
- Laminated and coated panels
- Furniture panel quality control
- Wood products laboratories

STANDARDS EN 311, DIN EN 311

Ordering & customization: Specify the coupling of your testing machine (Ø 15.9 mm or Ø 20 mm), whether a universal joint adapter is required and the number of spare pads.

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-SH-260

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DIMENSIONAL DRAWINGS

FIG. 1

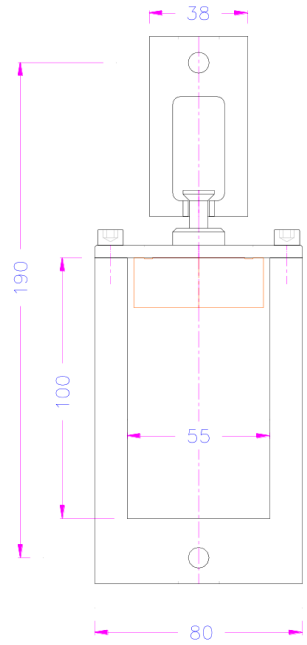


FIG. 2

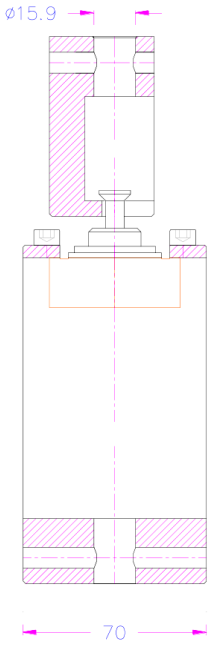


FIG. 3

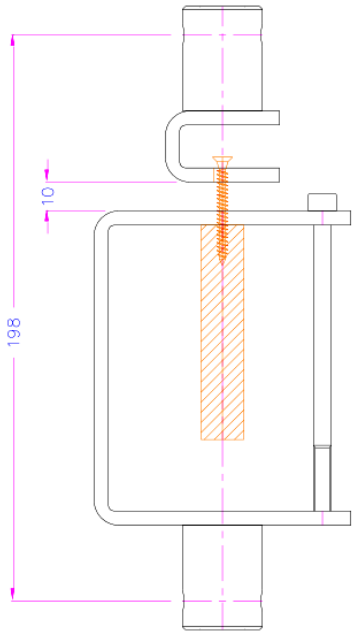
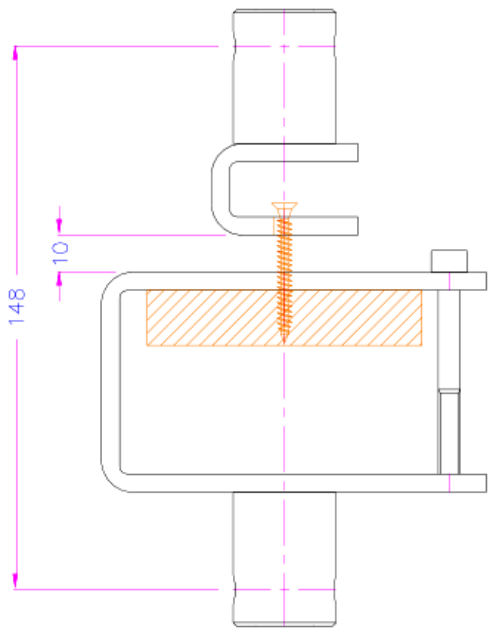


FIG. 4



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.