STANDARDS TEST FIXTURE

Inverted Probe Tack Fixture

Pressure-sensitive tack fixture for adhesives using the inverted probe method



OVERVIEW

Test fixture for the pressure-sensitive tack of adhesives using the inverted probe method of ASTM D2979. A stainless steel probe contacts the adhesive under a defined load for a short dwell time and is then withdrawn, the force to separate being recorded as tack. Available for use with the testing machine load cell or as a stand-alone version with integrated force gauge.

KEY FEATURES

- Inverted probe method according to ASTM D2979
- Stainless steel probe for consistent contact surface
- Anodized aluminum body, under 1 kg in load cell version
- Version with integrated 20 N force gauge available
- Version with M6 internal thread probe for own load cell
- Clevis coupling Ø 15.9 mm or Ø 20 mm

TECHNICAL SPECIFICATIONS

Test type	Probe tack, pressure-sensitive adhesives
Max. load	20 N (force gauge version); load cell version per load cell
Probe	Stainless steel
Body	Aluminum, anodized
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm; others via adapter
Temperature range	0 to +70 °C; others on request
Weight	0.86 kg (load cell version); 1.7 kg with force gauge; 0.9 kg without
Scope of supply	1 fixture with probe

AVAILABLE VERSIONS

Load cell version	Fixture with probe for use with the testing machine load cell
With force gauge	Fixture incl. 20 N force gauge
Without force gauge	Fixture with M6 internal-thread probe and nut

APPLICATIONS

- Pressure-sensitive adhesives
- Labels and adhesive tapes
- Medical adhesive patches
- Adhesive formulation R&D

STANDARDS ASTM D2979

Ordering & customization: Specify version (load cell, with force gauge or without force gauge) and machine coupling.

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-ST-660

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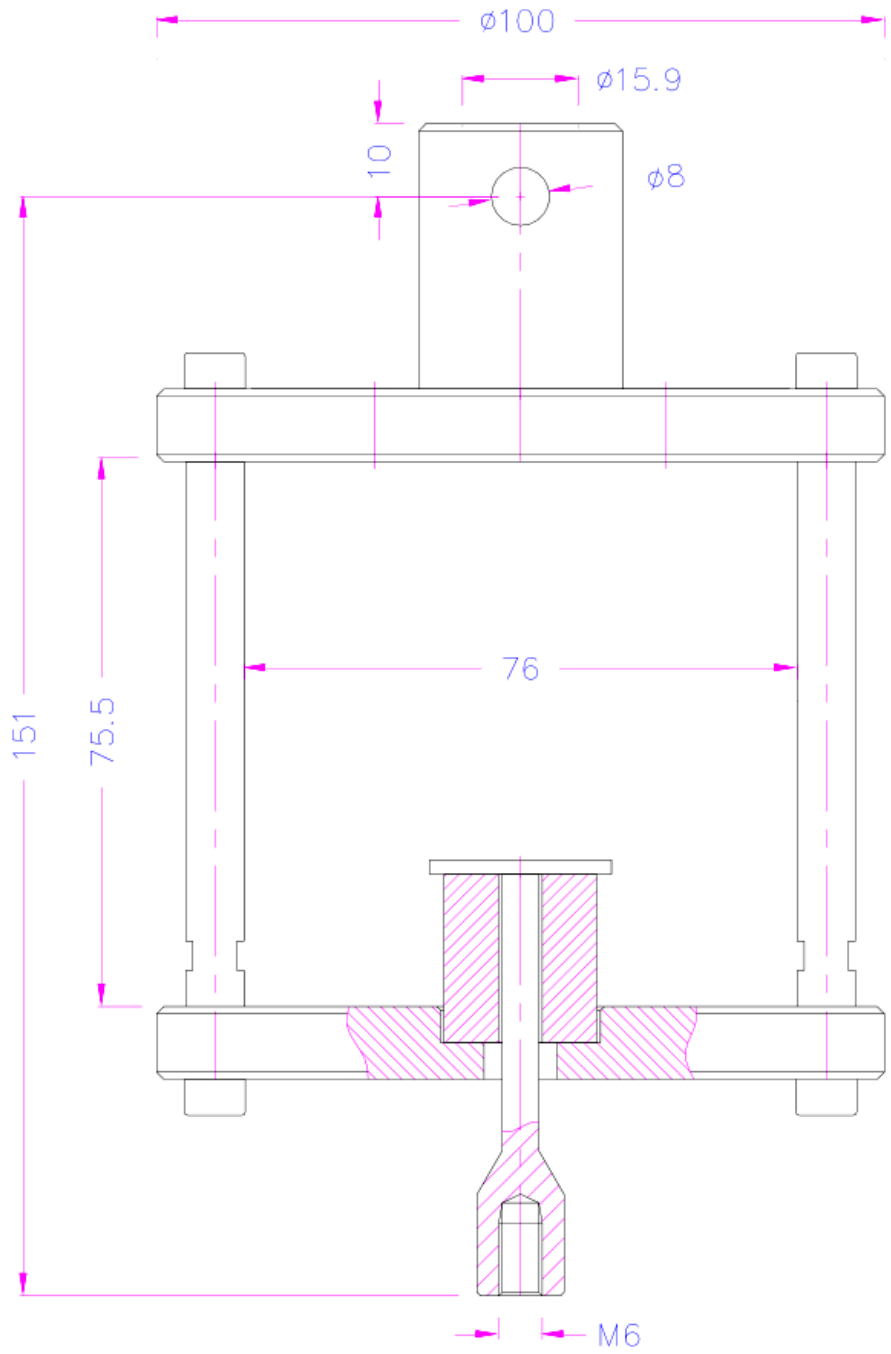
DIMENSIONAL DRAWINGS

FIG. 1



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.