PUNCTURE FIXTURES

Leather Ball Burst Fixture ISO 3379

Ball burst fixture for distension and grain crack strength of leather to ISO 3379



OVERVIEW

A ball burst fixture for determining the distension and surface strength of leather according to DIN EN ISO 3379. The leather specimen is clamped and a hardened ball probe pushes into it while force and displacement are recorded, giving the distension at grain crack and at burst. The result helps judge whether leather is suitable for lasting in shoe manufacture.

KEY FEATURES

- Built to DIN EN ISO 3379 for leather
- Hardened ball probe, 58 HRC surface hardness
- Records distension at grain crack and at burst
- 2 kN capacity suited to leather testing
- Compact nickel-plated steel body weighing 1.7 kg
- Probe supplied with its own clevis coupling

TECHNICAL SPECIFICATIONS

Max. load	2 kN
Test type	Ball burst / distension
Probe	Steel, nickel-plated, hardened 58 HRC
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; others on request
Body	Steel, nickel-plated
Temperature range	0 to +70 °C (others on request)
Weight	1.7 kg incl. probe
Scope of supply	1 fixture incl. probe

APPLICATIONS

- Shoe upper leather
- Leather goods
- Tannery quality control
- Synthetic leather

STANDARDS ISO 3379

Ordering & customization: Specify the machine coupling and any special temperature range.

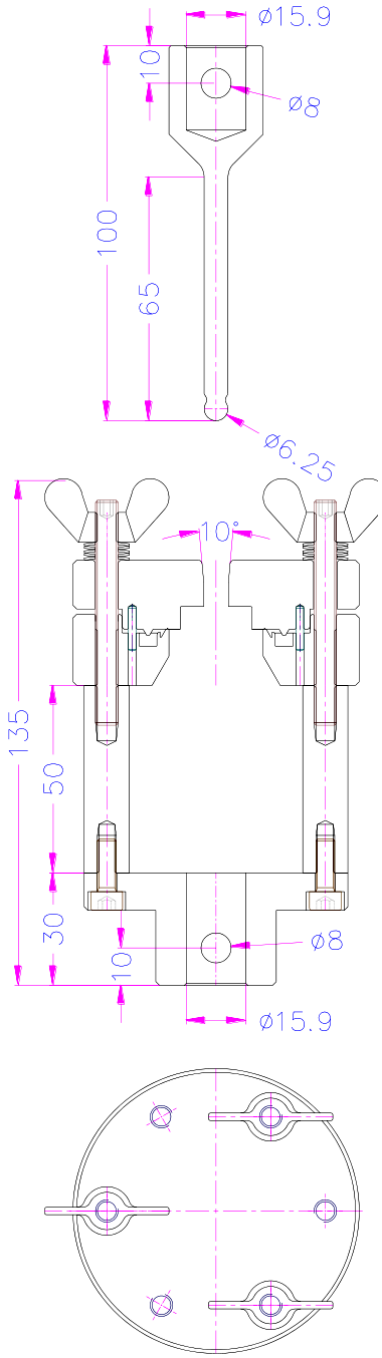
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PF-070

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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.