PUNCTURE FIXTURES

Punch Fixture 10 kN

Interchangeable punch-and-die fixture for puncture and dome tests up to 10 kN



OVERVIEW

A punch fixture for puncture and deformation tests on sheets, films and panels at up to 10 kN. A round-nosed punch presses the specimen into a die hole, and interchangeable punches and insert plates give three punch radius and hole combinations. One fixture therefore covers different specimen thicknesses or test geometries without changing the base.

KEY FEATURES

- Three punch radii included: 15, 10 and 5 mm
- Die holes Ø 36, 26 and 16 mm via insert plates
- 10 kN maximum load capacity for sheets and panels
- Interchangeable punches and inserts on one base
- Nickel-plated steel construction for corrosion resistance
- Female clevis coupling for a Ø 30 mm pin

TECHNICAL SPECIFICATIONS

Max. load	10 kN
Test type	Puncture / punch
Punch radius	15 mm (10 mm and 5 mm also included)
Die hole	Ø 36 mm (inserts Ø 26 mm and 16 mm)
Coupling	Female clevis, Ø 30 mm pin
Material	Steel, nickel-plated
Scope of supply	Fixture incl. 3 punches and 2 insert plates

AVAILABLE VERSIONS

R15 / Ø 36 mm	Large punch and base hole
R10 / Ø 26 mm	Medium punch with insert plate
R5 / Ø 16 mm	Small punch with insert plate

APPLICATIONS

- Plastic sheets and panels
- Composite laminates
- Packaging materials
- Thin metal sheets

Ordering & customization: Specify the punch and hole combinations required, specimen size and the machine coupling.

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-PF-130