PEEL FIXTURES

90 Degree Rubber Adhesion Peel Fixture ISO 813

Articulated 90° peel fixture for rubber-to-rigid substrate adhesion



OVERVIEW

A 90° peel fixture for determining the adhesion of rubber to a rigid substrate to ASTM D429, ISO 813, DIN 53531 and GOST 411. The rubber strip is pulled through an articulated joint that lets the fixture align with the peel direction, while the rigid part is held in a separate lower vise grip. A version with two joints, the lower one lockable, is also available.

KEY FEATURES

- Articulated joint aligns with the peel direction
- Version with two joints, lower joint lockable
- Force capacity of 5 kN per fixture
- Hardened steel body for long service life
- Female clevis coupling Ø 15.9 mm or Ø 20 mm
- Used with a vise, roller or pneumatic lower grip

TECHNICAL SPECIFICATIONS

Max. load	5 kN
Test type	90° peel, rubber to rigid substrate
Joints	1 articulated joint, or 2 with lockable lower joint
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm pin; others on request
Body material	Hardened steel
Temperature range	0 to +70 °C; other ranges on request
Weight	1 kg (1 joint) or 1.05 kg (2 joints)
Scope of supply	1 fixture; lower vise grip ordered separately

AVAILABLE VERSIONS

1 articulated joint	ASTM D429, ISO 813, DIN 53531, GOST 411
2 articulated joints	Lower joint lockable; ISO 813, DIN 53531, GOST 411

APPLICATIONS

- Rubber-to-metal bonds
- Vibration mounts and bushings
- Rubber-lined parts
- Elastomer coatings

STANDARDS ASTM D429, ISO 813, DIN 53531, GOST 411

Ordering & customization: Specify one- or two-joint version, coupling and the lower grip for the rigid substrate.

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-PL-160

90 Degree Rubber Adhesion Peel Fixture ISO 813

DIMENSIONAL DRAWINGS

FIG. 1

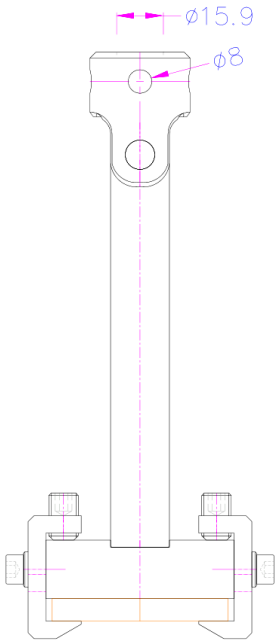


FIG. 2

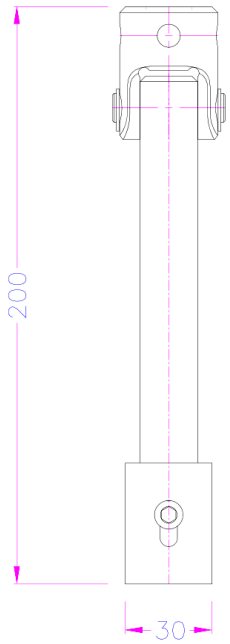


FIG. 3

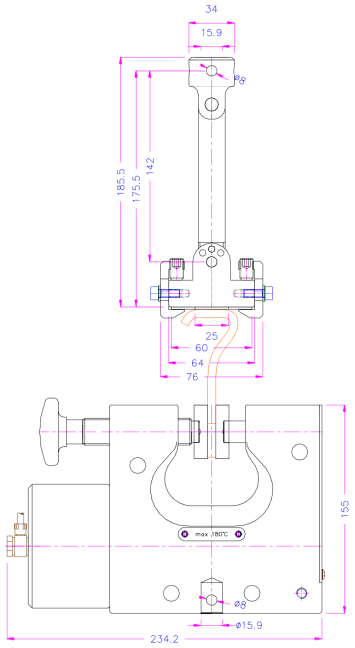
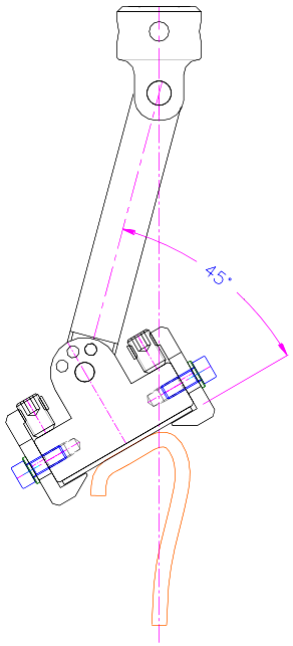


FIG. 4



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.