PEEL FIXTURES

German Wheel Peel Fixture

Rotating wheel 90° peel fixture for tapes, films and flexible laminates



OVERVIEW

A rotating wheel fixture for 90° peel tests on tapes, plastic and paper films, laminated release coatings and flexible dielectric materials. The specimen is bonded to a free-running wheel, and as the flexible layer is pulled the wheel rotates so the peel angle stays at 90°. Versions with 90 mm and 152 mm wheels meet DIN 53357-B, ISO 6133 and IPC-TM-650 2.4.9.

KEY FEATURES

- Free-rotating wheel keeps 90° peel angle
- Rated for a maximum load of 4 kN
- Ø 90 mm wheel to DIN 53357-B
- Ø 152 mm (6 in) wheel to IPC-TM-650 2.4.9
- Version with clamp to fix the specimen
- Anodized aluminum body with steel holder

TECHNICAL SPECIFICATIONS

Max. load	4 kN
Test type	90° rotating wheel peel
Wheel diameter	90 mm (3.54 in) or 152 mm (6 in)
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; others on request
Material	Anodized aluminum body; steel holder
Temperature range	0 to +70 °C; other ranges on request
Weight	2 kg (90 mm), 2.05 kg (with clamp), 3.3 kg (152 mm)

AVAILABLE VERSIONS

Ø 90 mm wheel	DIN 53357-B
Ø 90 mm wheel with clamp	Clamp fixes the specimen, DIN 53357-B
Ø 152 mm wheel	ISO 6133, IPC-TM-650 2.4.9
Interchangeable roller versions	Special single-arm versions for pipes and O-rings

APPLICATIONS

- Adhesive tapes
- Plastic and paper films
- Release coatings
- Flexible printed circuits

STANDARDS DIN 53357-B, ISO 6133, IPC-TM-650 2.4.9

Ordering & customization: Specify wheel diameter, whether a specimen clamp is required, and 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-PL-130

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DIMENSIONAL DRAWINGS

FIG. 1

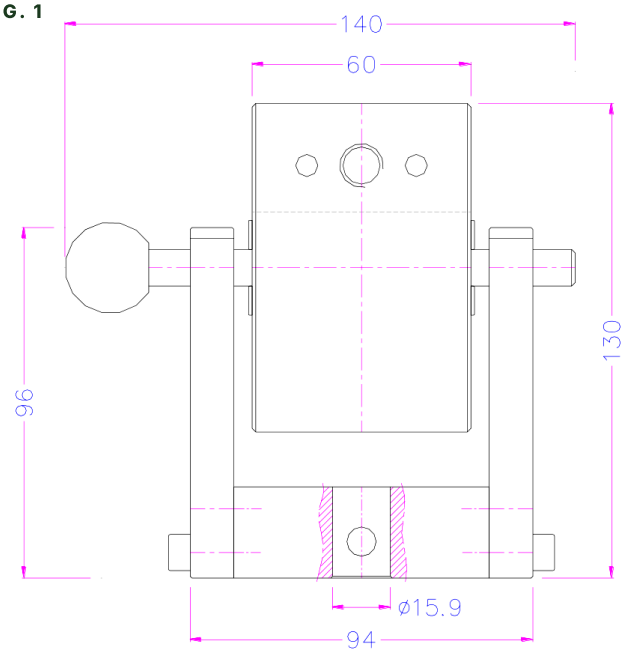


FIG. 2

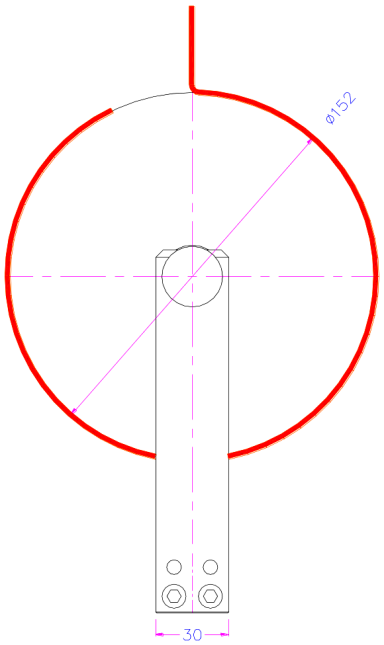


FIG. 3

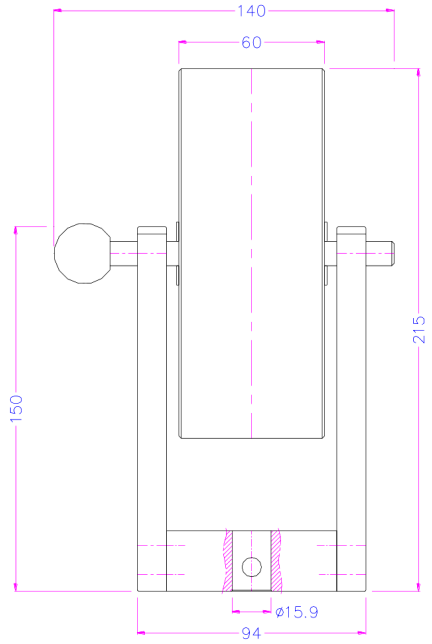
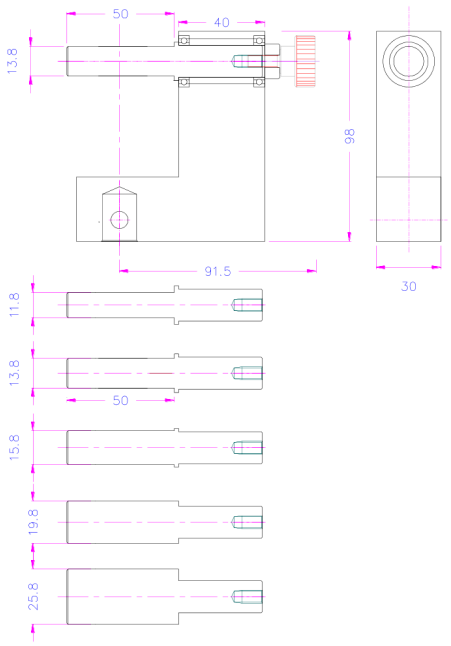


FIG. 4



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.