PEEL FIXTURES

180 Degree Tape Peel Fixture EN 1939

180° peel fixture with interchangeable test plates for self-adhesive tapes



OVERVIEW

A carrier fixture for 180° peel adhesion tests on self-adhesive tapes to EN 1939, ISO 29862 and FINAT FTM 1, 3 and 4. The tape is applied to an interchangeable test plate held vertically in the carrier, and its free end is pulled back over itself by an upper grip. Stainless steel, plain steel and float glass test plates are available.

KEY FEATURES

- 180° peel geometry for self-adhesive tapes
- Interchangeable test plates: stainless, steel or float glass
- Specimens up to 50 mm wide and 300 mm long
- Rated for a maximum load of 10 kN
- Nickel-plated steel carrier for corrosion resistance
- FINAT-compliant rollers available for specimen application

TECHNICAL SPECIFICATIONS

Max. load	10 kN
Test type	180° peel
Specimen size	Max. 50 mm wide x 300 mm long
Test plates	Stainless steel 1.4301, plain steel or float glass
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm pin; others on request
Body material	Steel, nickel-plated
Temperature range	0 to +70 °C; other ranges on request
Weight	2.4 kg (carrier)
Scope of supply	1 carrier; test plates and upper grip ordered separately

AVAILABLE VERSIONS

Carrier	Without test plate
Stainless steel plate	1.4301, Ra 0.05 µm ±0.025 — EN 1939, ISO 29862
Plain steel plate	Untreated — FINAT FTM 3
Float glass plate	FINAT FTM 1, 3, 4

APPLICATIONS

- Self-adhesive tapes
- Labels and label stock
- Protective films
- Pressure-sensitive adhesives

STANDARDS EN 1939, ISO 29862, FINAT FTM 1, FINAT FTM 3, FINAT FTM 4

Ordering & customization: Specify coupling, test plate material for the standard used, and the upper grip; add application rollers if needed.

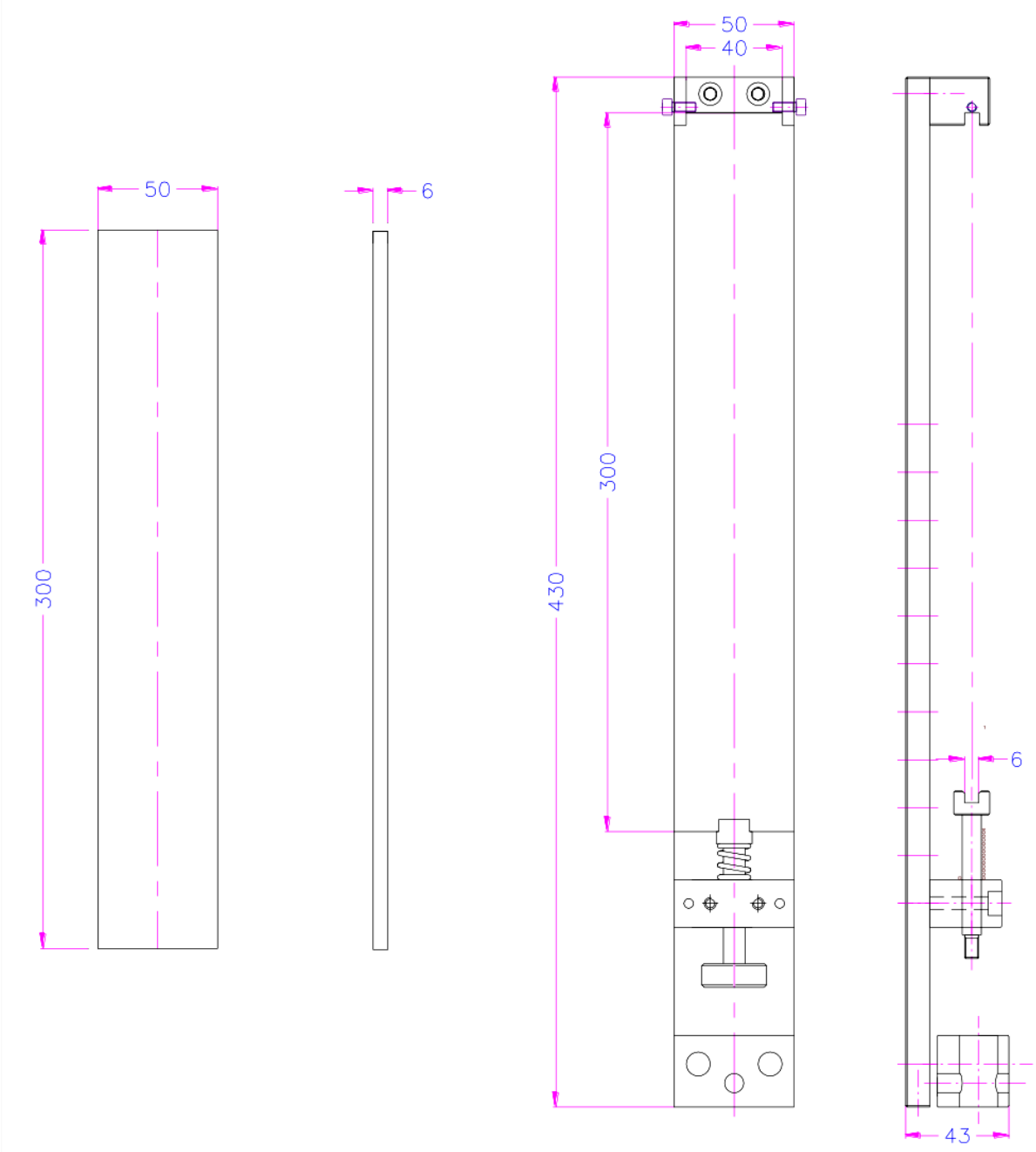
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

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-140

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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.