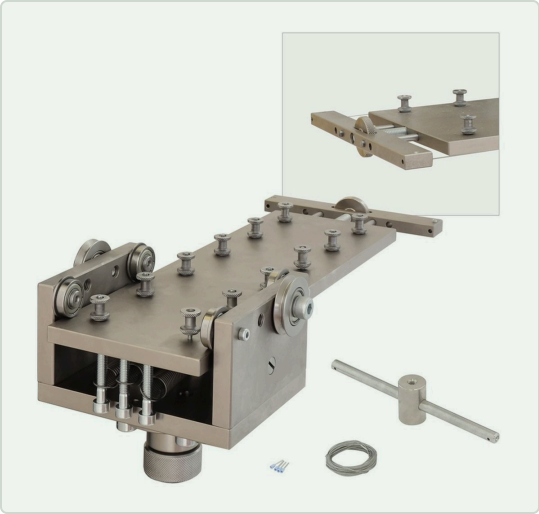
PEEL FIXTURES

90 Degree Adhesive Peel Fixture ISO 8510-1

Sliding-table 90° peel fixture for adhesive bonds to ISO 8510-1 and ASTM D6862



OVERVIEW

A 90° peel fixture for measuring the bond strength of flexible-to-rigid adhesive joints. The rigid substrate is mounted on a sliding table that a wire links to the crosshead, so the table moves steadily with the peel and the peel point stays centered at a constant angle. Standard and 130 mm wide versions, with fixed 90° or adjustable angle, cover ISO 8510-1, EN 1939 and ASTM D6862.

KEY FEATURES

- Sliding table keeps a constant 90° peel angle
- Peel point stays centered under the load axis
- Fixed 90° or adjustable-angle versions available
- Standard (50 mm) or wide (100 mm) specimens
- Rated for a maximum load of 5 kN
- Supplied with mounting bar, wire and wire end tubes

TECHNICAL SPECIFICATIONS

Max. load	5 kN
Test type	90° peel, sliding table
Specimen size	Max. 50 × 280 mm (standard) or 100 × 280 mm (wide)
Peel angle	90°; adjustable versions 60° or ±30°
Coupling	M6 thread (upper) and female clevis Ø 15.9 mm (5/8 in) pin (lower); others on request
Body material	Steel, nickel-plated
Temperature range	0 to +70 °C; other ranges on request
Weight	5.4 kg to 9.2 kg, by version

AVAILABLE VERSIONS

90°, standard width	Specimens up to 50 mm wide, 5.4 kg
Adjustable angle, standard width	Adjustable peel angle 60°, 7.6 kg
90°, 130 mm wide	Specimens up to 100 mm wide, 7.1 kg
Adjustable angle, 130 mm wide	±30° peel angle, 9.2 kg
Carrier plates 56 x 280 mm	Stainless steel, 2 mm thick, set of 10
Carrier plates 106 x 280 mm	Stainless steel, 2 mm thick, for 130 mm fixtures, set of 10

APPLICATIONS

- Structural and flexible adhesives
- Adhesive tapes
- Coatings on metal substrates
- Thermoplastic elastomer bonds

STANDARDS ISO 8510-1, EN 28510, EN 1939, ISO 29862, ASTM D6862, ASTM D3330, ASTM D6252, ASTM D2861, ASTM B571, GOST 26246

Ordering & customization: Specify width (standard or 130 mm), fixed or adjustable angle, couplings and carrier plates; an upper grip for the flexible adherend is also required.

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-150

90 Degree Adhesive Peel Fixture ISO 8510-1

DIMENSIONAL DRAWINGS

FIG. 1

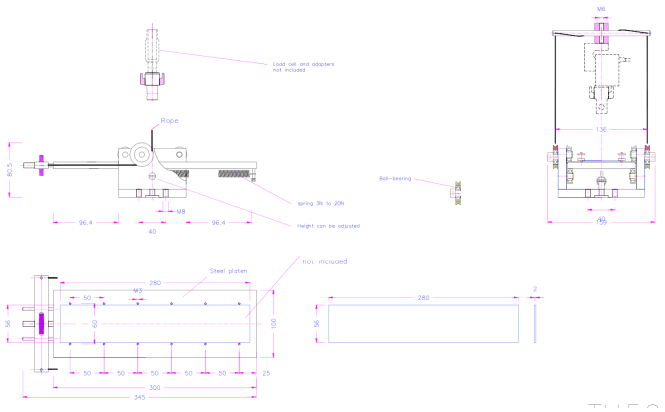


FIG. 2

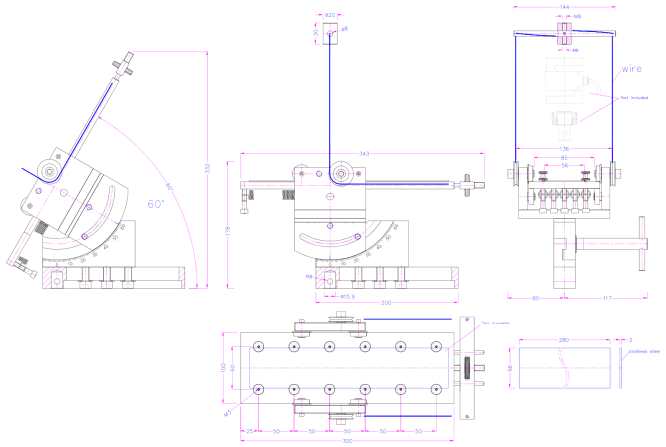


FIG. 3

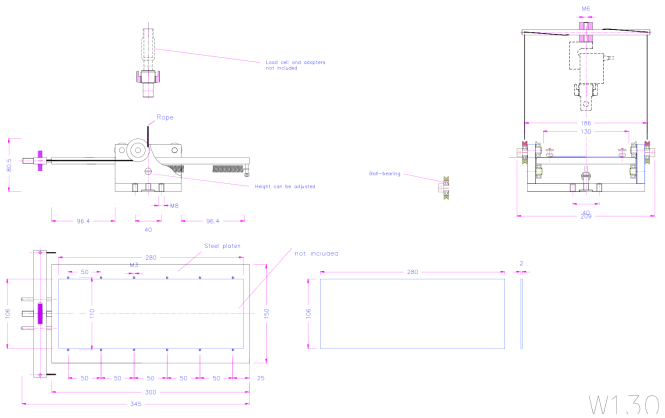
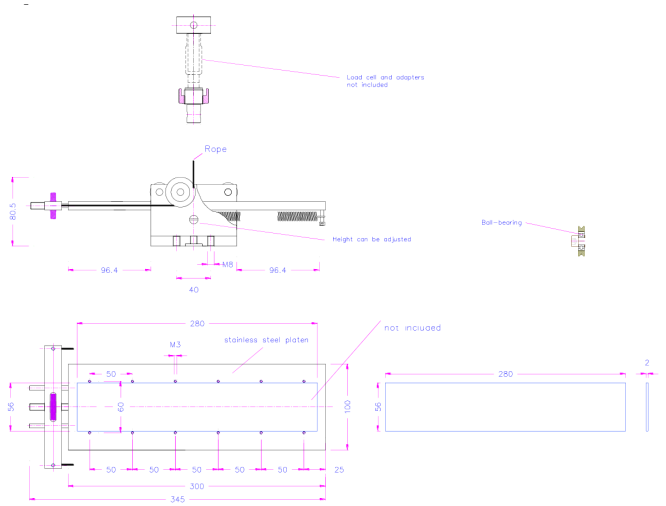


FIG. 4



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.