

PEEL TEST FIXTURE

to measure the bond strength

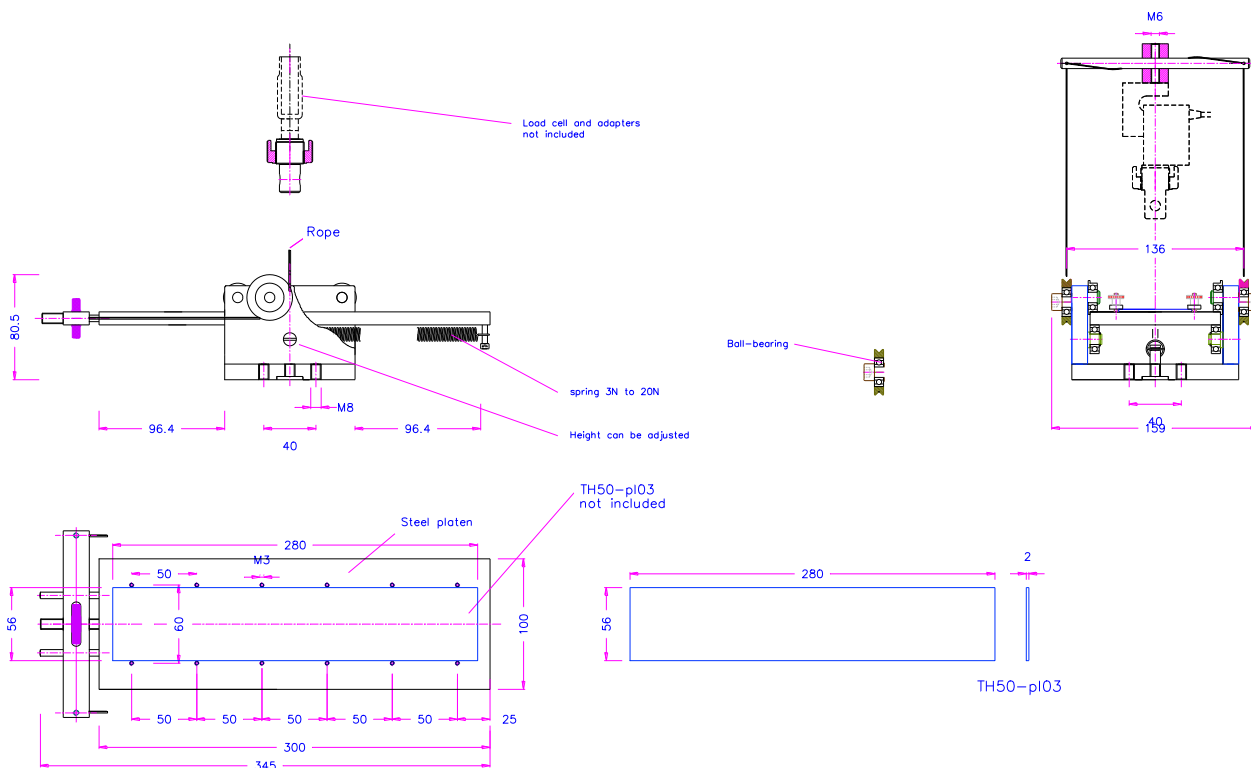
The sliding table provides a steady movement to maintain a constant peel angle.
The peel point remains in the centre.

ASTM-B571-Nr.11, EN28510, ISO 8510-1, ASTM-D2861-Fig.A, DIN EN1939 Fig.B1, ASTM-D3330, GOST-26246, ASTM-D6862, ASTM-D6252

Item-No.: TH50

90° peel test fixture for adhesives

- Max. load: 5 kN
- Coupling: M6 (upper) and Af159 (lower)
Further couplings on request
- Specimen width max.: Max. 50 mm
- Specimen length max.: Max. 280 mm
- Body: Steel, nickel-plated
- Temperature range: 0 – 70 °C
Further temperature ranges on request
- Weight: 5.4 kg
- Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes

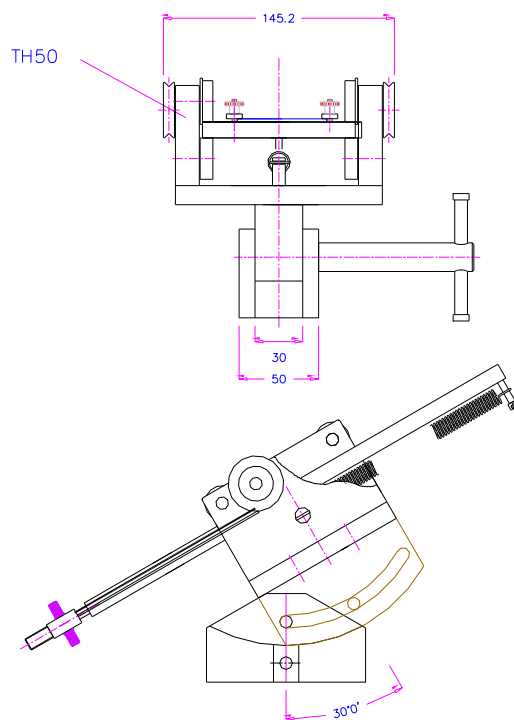
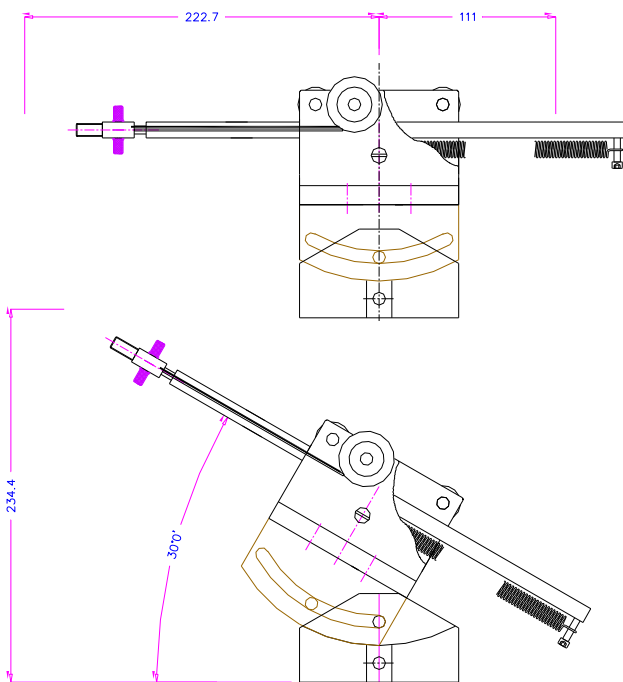


TH50

Item-No.: TH50+SW1

Like TH50, but with adjustable peel angle $\pm 30^\circ$

- Max. load: 5 kN
- Coupling: M6 (upper) and Af159 (lower)
Further couplings on request
- Specimen width max.: Max. 50 mm
- Specimen length max.: Max. 280 mm
- Body: Steel, nickel-plated
- Temperature range: 0 - 70 °C
Further temperature ranges on request
- Weight: 7.6 kg
- Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes

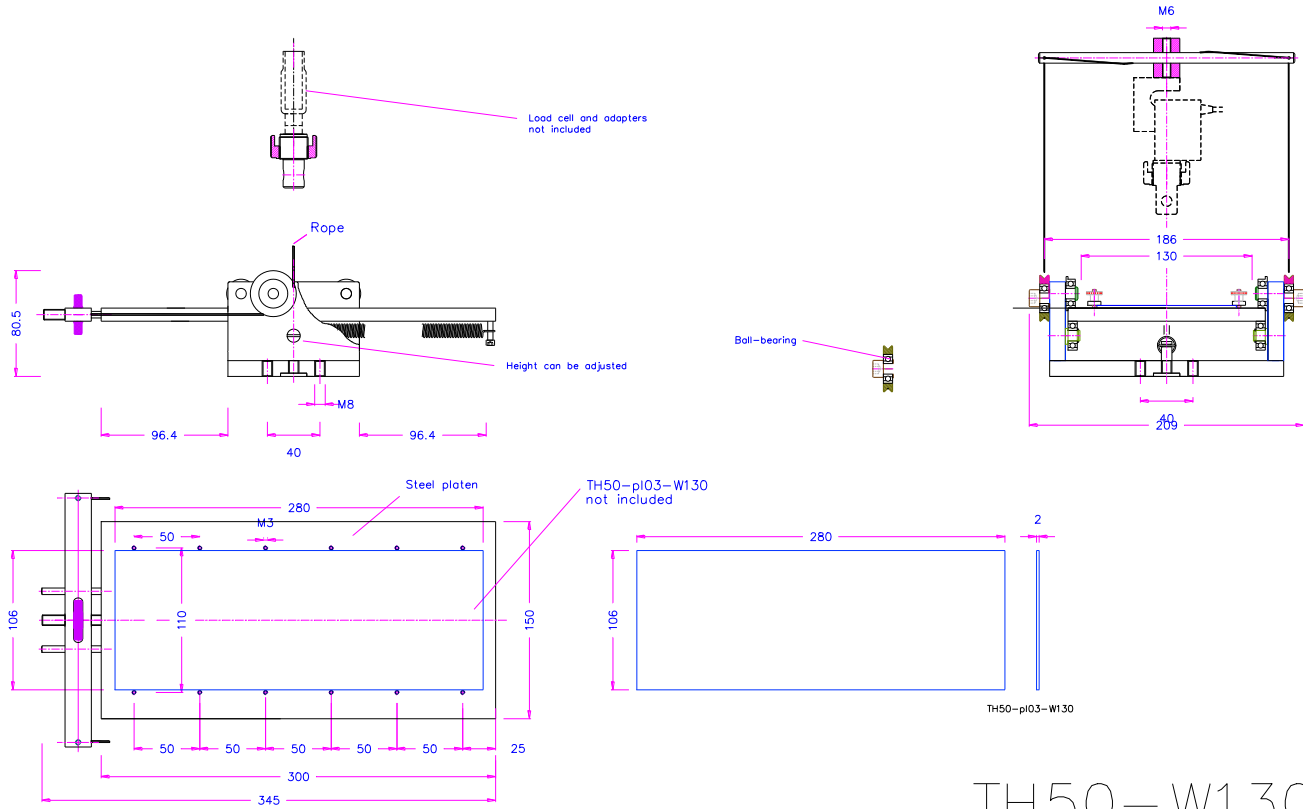


TH50+SW1

Item-No.: TH50-W130

Like TH50, but 130 mm wide

- Max. load: 5 kN
- Coupling: M6 (upper) and Af159 (lower)
Further couplings on request
- Specimen width max.: Max. 100 mm
- Specimen length max.: Max. 280 mm
- Body: Steel, nickel-plated
- Temperature range: 0 – 70 °C
Further temperature ranges on request
- Weight: 7.1 kg
- Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes



TH50-W130

Item-No.: TH50-W130+SW1

Like TH50-W130, but with adjustable peel angle $\pm 30^\circ$

Max. load: 5 kN

Coupling: M6 (upper) and Af159 (lower)
Further couplings on request

Specimen width max.: Max. 100 mm

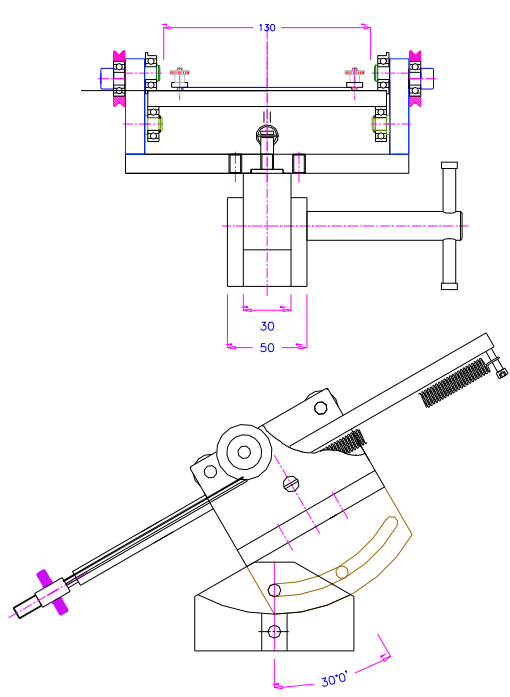
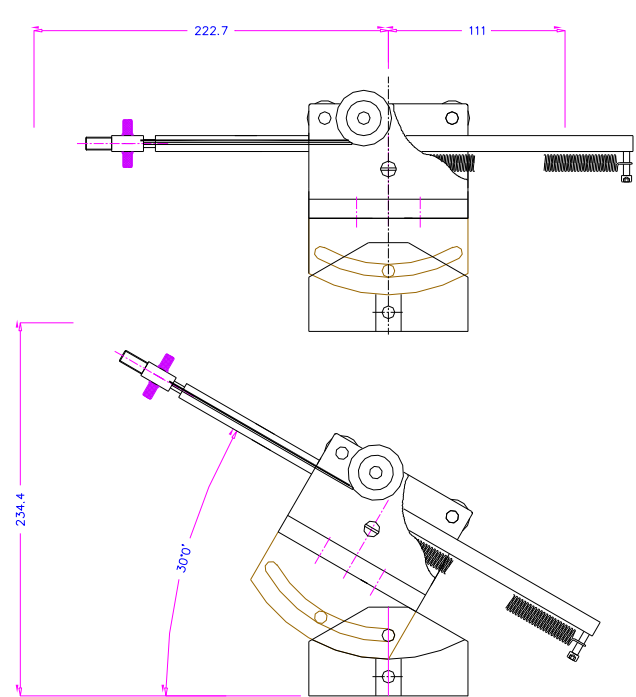
Specimen length max.: Max. 280 mm

Body: Steel, nickel-plated

Temperature range: 0 – 70 °C
Further temperature ranges on request

Weight: 9.2 kg

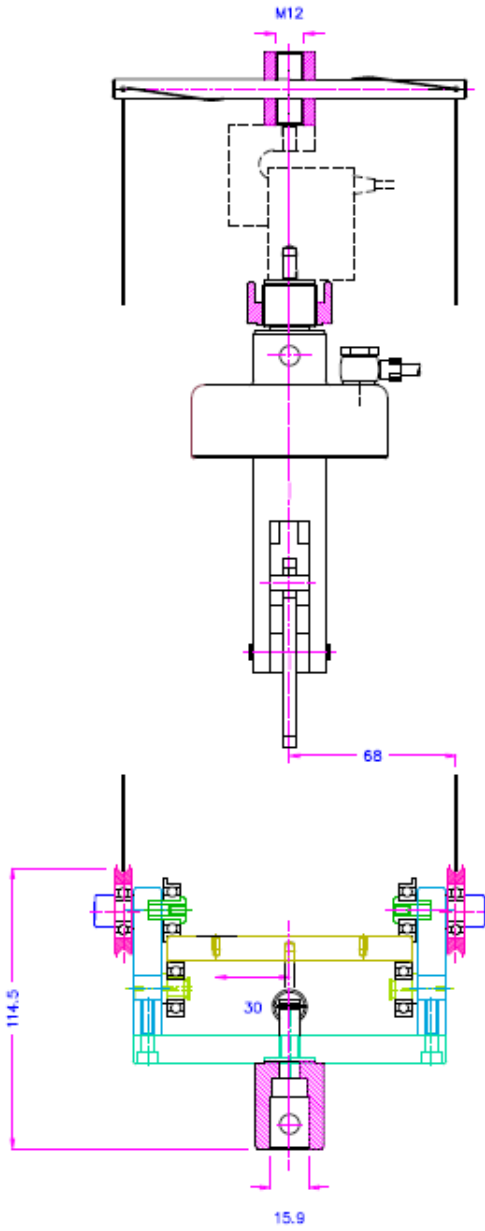
Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes



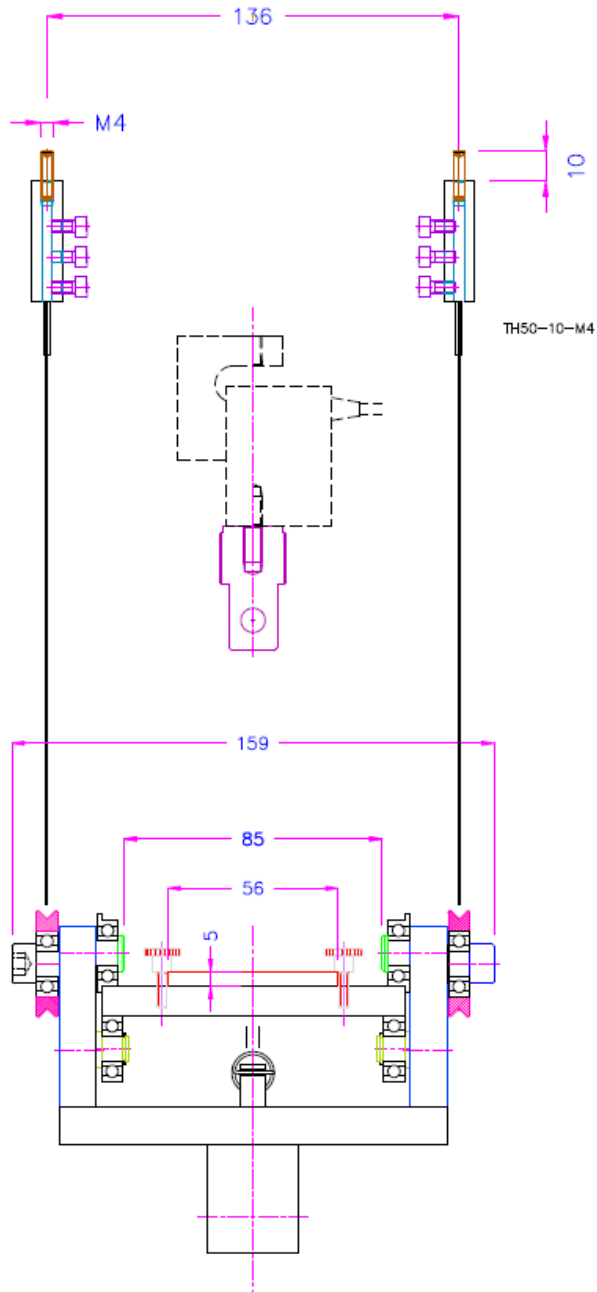
TH50-W130+SW1

**Fixing proposal for wires
behind load cell**

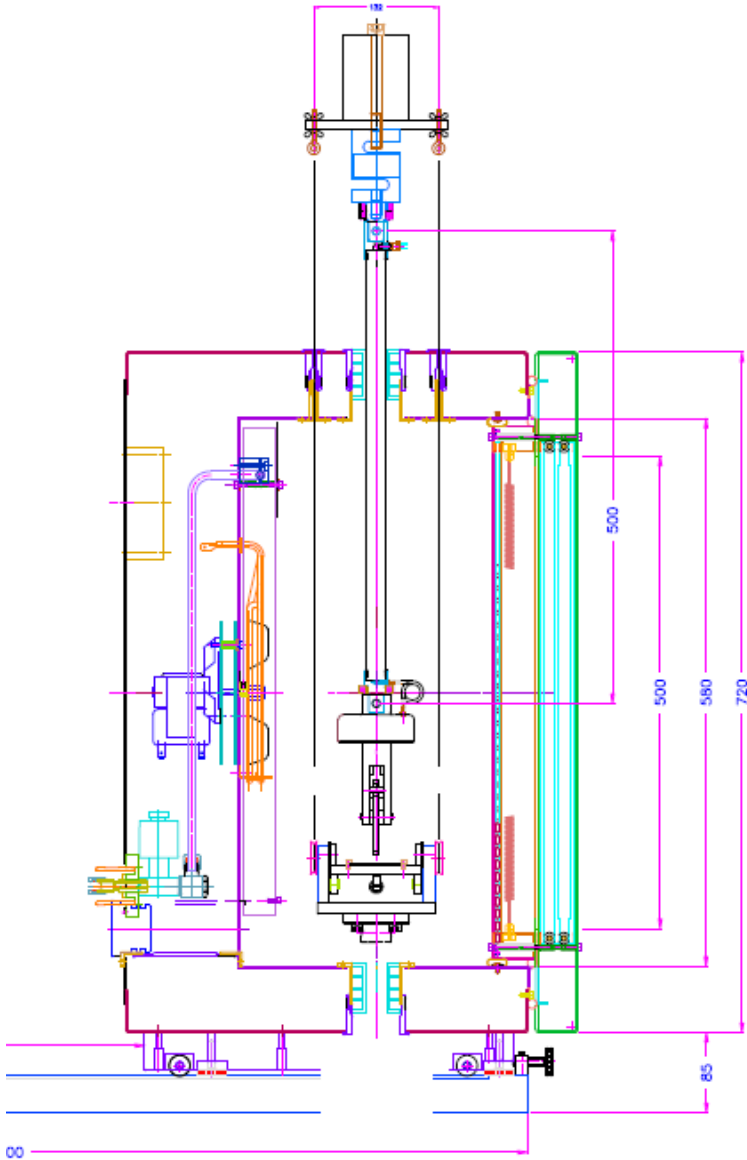
(standard)



**Fixing proposal for wires
in crosshead
(special)**



**TH50 fixing proposal for wires
in temperature chamber TH2700
(special)**



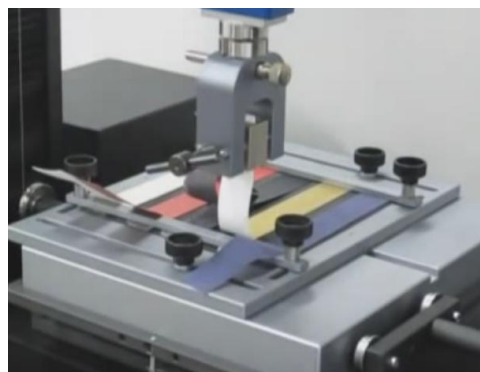
Videos:

TH50-S26-W260

Peel test



Watch video



Accessories:



Item no.: TH50-PL03

Carrier platen for samples, dimensions 56 x 280 x 2 mm, stainless steel

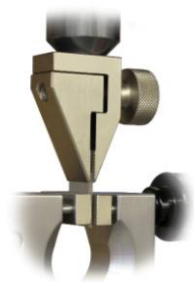
Item no.: TH50-PL03-W130

Carrier platen for samples, for TH50 fixtures with 130 mm width, dimensions 106 x 280 x 2 mm stainless steel

Recommendations for upper grip to hold a specimen:



THS470
[Datasheet](#)



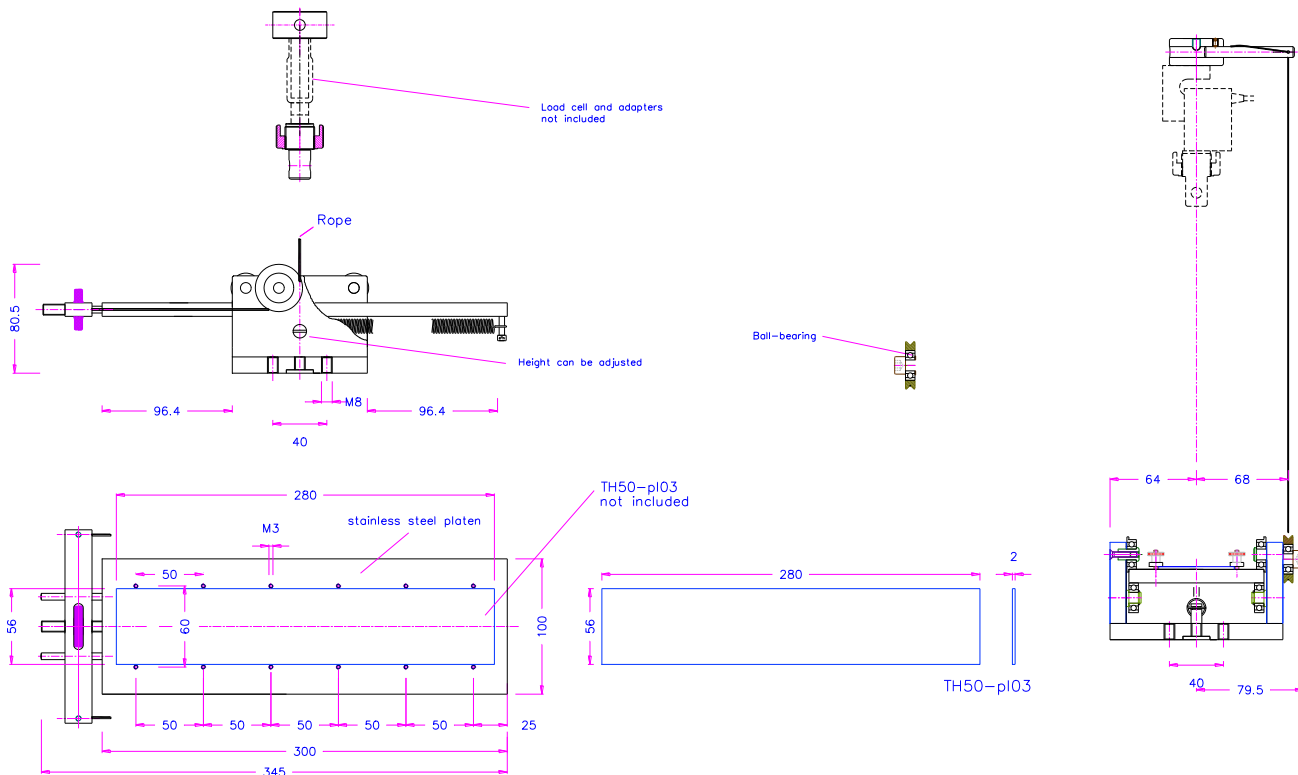
THS341
[Datasheet](#)



TH227
[Datasheet](#)

Examples for customized solutions:

Single column version



TH50-SC-M6



TH50-B260-L300-SW1 +-30°



TH50+S13- top platen lateral movable



TH50+SW5 0-90°



TH50-S19



TH50-TT – upper top platen 126 mm wide



TH50-S26 – with movable platens
<https://youtu.be/-H50tjFFZUk>



TH50-SW1-T200-Ni-S27



TH50-W1000 – extra wide version



TH50-W260



TH50-THS860 – with clamping jaws

Fixtures similar to TH50:



TH3980

TH3980 motorised version

Adjustable peel angle $\pm 90^\circ$

Sensor allows to keep the peel angle constant

For elastic adhesive tapes

<http://www.youtube.com/watch?v=PKczkayxHck>



THS891