

**Revised  
data sheet****THS353**

Fracture mechanics clevis grips to test linear-elastic plain-strain fracture toughness and tensile properties.

**ASTM E399, ASTM B831, ASTM C297, ASTM D2095, ASTM D5528, ASTM F1717, EN 12814-4** (Fig.5), **ISO 6259-3** (Type 3), **ISO 13953** (Types A and B).

English [pdf](#) [doc](#)

Deutsch [pdf](#) [doc](#)

*Changes:* Updated A-B-C dimension drawing.

*Pictures and drawings of THS353 grips to test standards added.*

**Revised  
data sheet****THS28**

Grips for dynamic tests

English [pdf](#) [doc](#)

*Changes:* New customized modification: THS28-100x60-H100. Applicable for tests on composites (CFRP, fibreglass, etc.) in temperature chambers. Temperature range -40° ... 250°C. Max. load 100 kN.

**Revised  
data sheet****TH3**

Rotating German wheel peel fixtures to **DIN 53357-B, ISO 6133, IPC-TM-650 2.4.9**

English [pdf](#) [doc](#)

Deutsch [pdf](#) [doc](#)

*Changes:* Max. loading capacity recalculated and reduced from 10 kN to 4 kN for TH3-90, TH3-90-KL, TH3-152.4.

*New customized modification: TH3-38-S. Peel test fixture with 4 interchangeable rollers for samples up to 38 mm wide.*

**Revised  
data sheet****TH109**

Universal wedge grips for 100 kN, 150 kN, 250 kN, 300 kN, 500 kN

English [pdf](#) [doc](#)

Deutsch [pdf](#) [doc](#)

*Changes:* Updated technical characteristics, dimension drawings, product pictures. Changes on jaws incl. jaw openings.

**Revised  
data sheet****TH149**

Pneumatic grip with symmetric clamping action, 2.4 kN

English [pdf](#) [doc](#)

Deutsch [pdf](#) [doc](#)

*Changes:* Updated dimension drawing for TH149; Changed openings for V-jaws (TH149-BV)



On our homepage you can find more data sheets as PDF [www.grip.de/pdf/](http://www.grip.de/pdf/) and DOC [www.grip.de/doc/](http://www.grip.de/doc/)

All ASTM grips [www.grip.de/G16/ASTM/](http://www.grip.de/G16/ASTM/) All ISO grips [www.grip.de/G16/ISO/](http://www.grip.de/G16/ISO/) All DIN grips [www.grip.de/G16/DIN/](http://www.grip.de/G16/DIN/) All EN grips [www.grip.de/G16/EN/](http://www.grip.de/G16/EN/)