

**New  
data sheet****THS290**

Shear test fixtures to test steel welded wires according to  
**ASTM A185, ASTM A497, ASTM A974, ASTM C1452, DIN 488-5,  
DIN EN ISO 15630-2, DIN EN 10223-8, GOST 10922-12**

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**New  
data sheet****TH172**

Manual and pneumatic capstan ribbon grips to test metal foils, ribbons,  
straps, etc.

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**New  
data sheet****THS472**

Torque testing holders with centric movement and adjustable pin distance  
to accommodate specimens of various sizes

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**Revised  
data sheet****TH193**

Shear test fixtures to test sandwich core materials, thermal insulating  
products

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Changes: TH193-V1 conforms to **EN 12090 (Fig.1)**,  
max. load increased from 25 kN to 35 kN

TH193-V2 conforms to **ASTM C394**

TH193-V6 conforms to **ASTM C273 (Fig.3), DIN 53294**

**Revised  
data sheet****THS341**

Small pincer grips for foils, electronic components, etc.  
Chain+adapter and direct adapter modifications.

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Changes: Updated dimension drawings and product pictures  
Updated technical specifications



All fixtures to ASTM <http://www.grip.de/G16/ASTM/>

All fixtures to ISO <http://www.grip.de/G16/ISO/>

All fixtures to DIN <http://www.grip.de/G16/DIN/>

All fixtures to EN <http://www.grip.de/G16/EN/>

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