FRACTURE MECHANICS CLEVIS GRIPS

to test linear-elastic plane-strain fracture toughness and tensile properties.

Clevis grips are available in various sizes and forms.

<table>
<thead>
<tr>
<th>Item no.:</th>
<th>THS353-AxB-C-D</th>
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</thead>
<tbody>
<tr>
<td>A = pin size</td>
<td></td>
</tr>
<tr>
<td>B = opening size</td>
<td></td>
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<tr>
<td>C = coupling size</td>
<td></td>
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<tr>
<td>D = style</td>
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</table>

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

Scope of supply: 1 pair

- C = rectangle
- Q = quadrant
- R = Round

Temperature range:

1. THS353-AxB-C-D
2. THS353-30x50-A60-C98x80
Examples for THS353 grips:

**THS353-7x15-Af159-Q28-ASTM E399**
Linear-Elastic Plane-Strain Fracture Toughness $K_{IC}$ of Metallic Materials according to ASTM-E399

**THS353-12.6x7-Af40-R56-ASTM B831**
Shear Testing of Thin Aluminum Alloy Products according to ASTM-B831

**THS353-10x50.8-Af60-R88-ASTM C297**
Flatwise Tensile Strength of Sandwich Constructions according to ASTM-C297
Tensile Strength of Adhesives by Means of Bar and Rod Specimens according to ASTM-D2095

Mode I Interlaminar Fracture Toughness of Unidirectional Fiber-Reinforced Polymer Matrix Composites according to ASTM-D5528

Spinal Implant Constructs in a Vertebrectomy Model according to ASTM-F1717

All specifications subject to change without prior notice
EN 12814-4 (Fig. 5): Testing of welded joints of thermoplastics semi-finished products - Part 4: Peel test

ISO6259-3 (Type 3): Thermoplastics pipes - Determination of tensile properties - Part 3: Polyolefin pipes

ISO 13953 (Type A, Type B): Polyethylene (PE) pipes and fittings - Determination of the tensile strength and failure mode of test pieces from a butt-fused joint

ISO 6259-3 (Type 3): Thermoplastics pipes - Determination of tensile properties - Part 3: Polyolefin pipes

THS353-20-25-30x35-Af159-C60-ISO13953

ISO 13953 (Type B): Polyethylene (PE) pipes and fittings - Determination of the tensile strength and failure mode of test pieces from a butt-fused joint

MT7.1.2019