BOND STRENGTH FIXTURES

to test tensile adhesion strength of thermal spray coatings according to ASTM-C633, DIN EN582, ASTM-D4541 (type V), DIN EN ISO4624, ISO13779-4, and ASTM-F1147 (fig. 2 & 3).

Material: Steel or aluminium

Temperature range: -70 ... +180°C. Further temperature ranges on request.

Coupling: Af318. Further coupling on request.

Scope of supply:
1. 2 insert holders with coupling Af318 (incl. 2 threaded inserts and 2x M16 grub screws) and
2. 2 test cylinders (see p. 2).

Additional test cylinders can be ordered separately.
**Test cylinders for THS625**:  

<table>
<thead>
<tr>
<th>Cylinder item no.</th>
<th>ASTM-C633</th>
<th>DIN EN582</th>
<th>ASTM-D4541 (type V)</th>
<th>DIN EN ISO4624</th>
<th>ISO 13779-4</th>
<th>ASTM-F1147 (fig. 2)</th>
<th>ASTM-F1147 (fig. 3)</th>
<th>Test surface Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>THS625-TC25.4x40-M16</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>25.4 mm</td>
</tr>
<tr>
<td>THS625-TC25x50-M16</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>25 mm</td>
</tr>
<tr>
<td>THS625-TC40x50-M16</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>40 mm</td>
</tr>
<tr>
<td>THS625-TC50x40-M16</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>50 mm</td>
</tr>
<tr>
<td>THS625-TC20x40-M16</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20 mm</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14 mm</td>
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<tr>
<td>THS625-TC10x40-M16</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10 mm</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>28.7 mm</td>
</tr>
</tbody>
</table>

*Further dimensions according to standards on request*

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**THS625-TC25x50-M16 according to DIN EN582**

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**THS625-TC25x50-M16 according to DIN EN582**

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**THS625-TC25x50-M16 according to DIN EN582**

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**THS625-TC25x50-M16 according to DIN EN582**

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**THS625-TC25x50-M16 according to DIN EN582**

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**THS625-TC25x50-M16 according to DIN EN582**

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All specifications subject to change without prior notice