MEASUREMENT MODULE
“BRAKE DISC“
Data sheet
APPLICATION

The “Brake Disc” module allows for the safe measurement of wear parameters for all common wheel- and axle-mounted brake discs within a few seconds. Immediately after the measurement, the data is compared with your individual reference values in order to determine the current wear condition. In addition to basic measurement values like hollow tread and thickness, other values such as the wear stock and the ripple can be displayed. Upon request the calculation of the total thickness of axle-mounted brake discs can also be made.

MEASURED VARIABLES:

MEASUREMENT METHOD “BRAKEDISC”

straight reference edge

MEASUREMENT METHOD “BRAKEDISC”

bevel reference edge

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Compatibility</th>
<th>CALIPRI C41, CALIPRI C42</th>
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<tbody>
<tr>
<td>Accuracy</td>
<td>Absolute accuracy: &lt; +/- 80 μm</td>
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<tr>
<td></td>
<td>Repeatability: &lt; +/- 35 μm</td>
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<tr>
<td>Field of application</td>
<td>For all common wheel- and axle-mounted brake discs with reference edge or reference notch</td>
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<tr>
<td>Dimensions (Selection)</td>
<td>Hollow tread H</td>
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<tr>
<td></td>
<td>Brake plate thickness T</td>
</tr>
<tr>
<td></td>
<td>Wear stock WS</td>
</tr>
<tr>
<td>Standards &amp; Certificates</td>
<td>Calipri is approved and uses i.a. in Germany (DB), Austria (ÖBB), Switzerland (SBB), France (SNCF), China (Chengdu Railway Bureau) and the Czech Republic (SZDC).</td>
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<tr>
<td>Product ID</td>
<td>CMM1009</td>
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www.nextsense-worldwide.com
**SCOPE OF SUPPLY AND SERVICES**

- Software license measurement module “Brake disc"
  - Activation via remote access (even in retrospect)
  - 1 measurement method (BrakeDisc)

- Brake disc gauge “BS1-500"
  - Mechanical supporting gauge
    for worn or dirty reference edges

**MEASUREMENT PROCESS**

- **MEASUREMENT WITHOUT SUPPORTING GAUGE**
- **MEASUREMENT WITH SUPPORTING GAUGE**

- Sensor-guidance (Tutor)

- Results on sensor

- Measurement results on sensor