The M4 Star MRG mechanical ring gauge models are for measuring shaft and pin-type parts with diameters from 5 to 125mm with a dial indicator. The C-dimension is customizable from 1 to 6mm which allows measurements to be taken very close to the flange. M4 Star MRG gauges are easy to use with a single comfortable handle for the smaller sizes and two small handles in the larger models. They also can be stand mounted.

**Reliability**

The M4 Star MRG’s mechanical transmission is housed in a rugged protective body. Its robust construction is rated for more than 10,000,000 measuring cycles.

### Technical Specifications

<table>
<thead>
<tr>
<th>M4Star MRG</th>
<th>C quote</th>
<th>1 - 6mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal Drift</td>
<td></td>
<td>$&lt;0.3 \mu m/°C/mm$</td>
</tr>
<tr>
<td>Repeatability (2.77σ)</td>
<td></td>
<td>$\leq 1 \mu m$</td>
</tr>
<tr>
<td>Working Range</td>
<td></td>
<td>0.1mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measurable diameter 5-60mm</th>
<th>Measurable diameter 60-125mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall dimensions</td>
<td></td>
</tr>
</tbody>
</table>

M4 Star is a family of high performance gauges for measuring parts such as shafts or pins. The highly customizable M4 Star family includes dial/digital indicators and electronic LVDT and HBT models with wired and wireless connectivity. M4 Star is available on request.
M4 STAR ERG - *Electronic Ring Gauge*

The M4 Star ERG Electronic Ring Gauges complete the family with dedicated designs that include the following characteristics:
- integrated LVDT or HBT transducer
- Ability to measure diameters from 5mm to larger than 125mm
- Axial or radial exit cables or wireless connectivity
- Optional stand-mounted solutions with or without integrating setting pin slots
- Dedicated design: flexible and customizable

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M4Star ERG Cable version

M4Star ERG Wireless solution with remote acquisition button

M4 Star ERG with lightened structure for extra large diameters

M4Star ERG stand mounted

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For a full list of address locations, please consult the Marposs official website

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