Case study: Ball bearing

Workpiece: Ball bearing IR
Material: 100 Cr 6
Hardness: 60 +/-2 HRC
Operation: Bore grinding IR
Machine: Lidköping
Grinding tool: IG 17x32x10/M8 CB111-64-200-V-82312

Results:
Cycle time: 20 s
Dressing amount: 2 μm
Dressing interval: 1000

<table>
<thead>
<tr>
<th>Meister HPB</th>
<th>Standard</th>
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<tbody>
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<td>Cycle time</td>
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The Meister applications engineering and leading abrasive technology ensures smooth running in the bearing industry.

Meister Ceralox internal grinding wheels made of premium sintered abrasives in vitrified bondings are a well known standard in the bearing industry. These grinding tools are widely used wherever the industry requires the most cost effective and secure grinding process. The same target was in mind when Meister developed a specific range of super abrasive grinding tools for bearing applications implementing high performance bond (HPB) and high performance cutting (HPC) technologies. Our Application Field Manager can tell you more: www.meister-abrasives.ch/en/afm