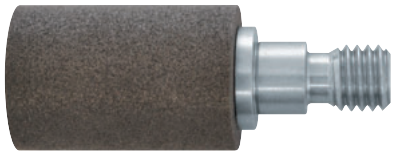


Case study: Ball bearing



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:	Meister HPB	Standard
Cycle time:	20 s	25 s
Dressing amount:	2 µm	2 µm
Dressing interval:	1000	500

Meister Abrasives grinding competence for highlevel industrial applications



Tool & Cutter

Medical

Semiconductors
& Photovoltaic

Automotive

Fuel Injection

Bearings



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Precision grinding tools for Bearing applications



The Meister applications engineering and leading abrasive technology ensures smooth running in the bearing industry.



Ball bearing



Tapered roller bearing

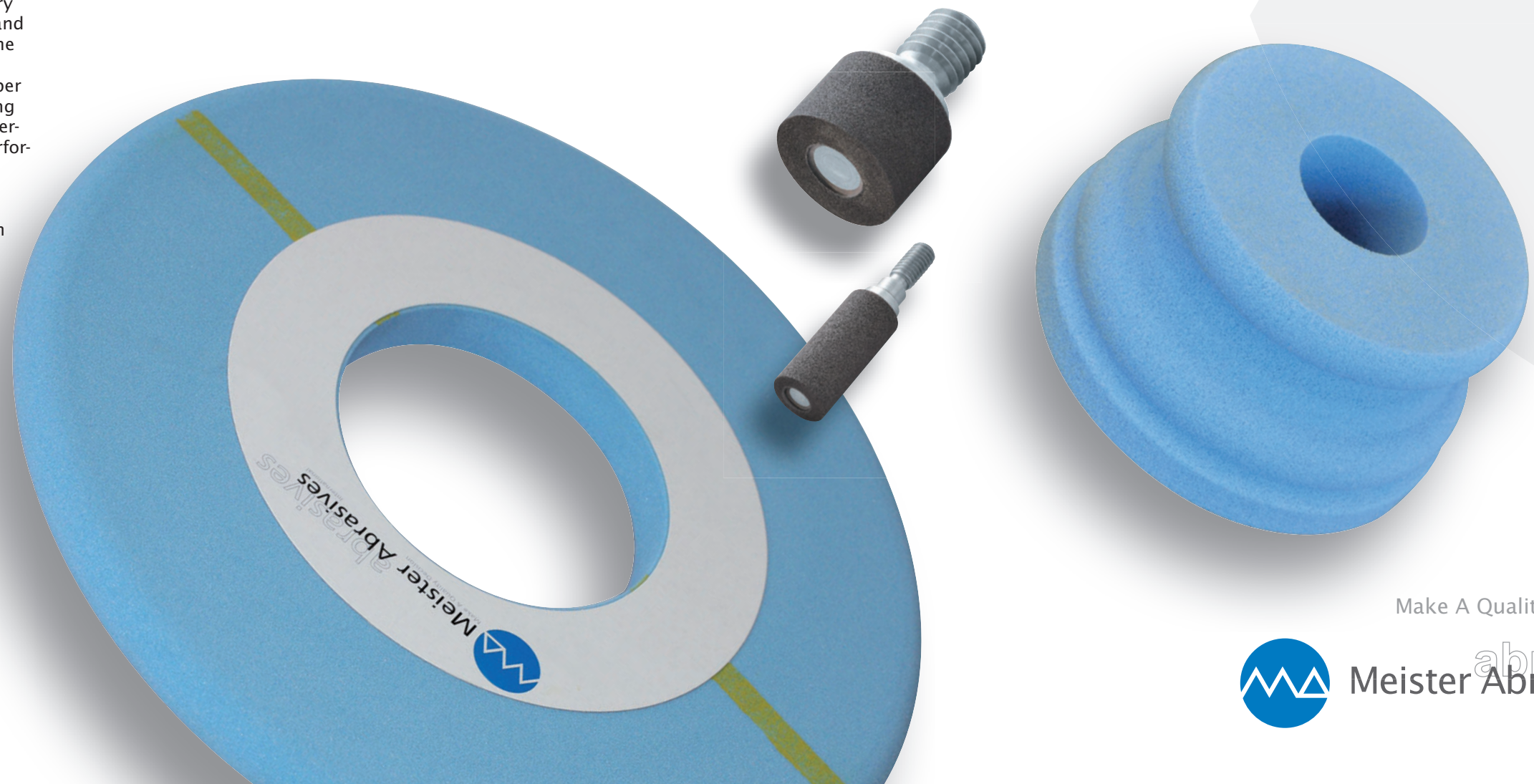


Hub unit



Needle roller bearing

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



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 Make A Quality Decision