Solutions Matched to Gear Grinding and Polishing

Dual Worm Grinding Wheel

Xtrimium



Challenges

Would like to improve gear-polishing productivity?

Solutions

Achieves Ra 0.1 µm or less in a single polishing pass

CORE TECHNOLOGY

Technical features

Combination of Hard Resin Bond and High-Performance Abrasive Grain

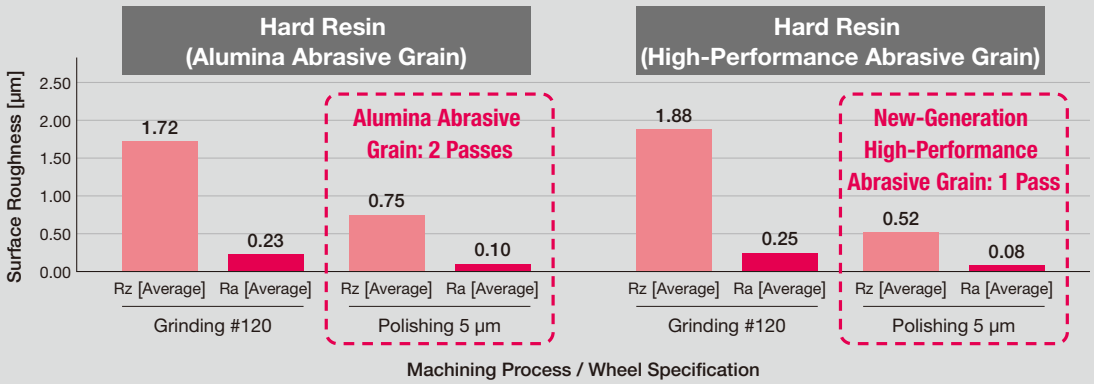
Effects in grinding

Suppresses resin expansion, gear tooth deformation, and tip rounding for improved profile retention

Performance data

Performance Example

Improved Polishing Process Efficiency with High-Performance Abrasive Grain



Polishing Process Can Be Reduced from Two Passes to One

▶Grinding Time Reduced by up to 25%

Results under Specified Evaluation Conditions

JTEKT GRINDING TOOLS CORPORATION