

## Case Study: RAKU<sup>®</sup> TOOL WB-1258 Board

Production of a multi-part core box.



### Objective

Production of a multi-part core box for the manufacture of a cylinder crankcase

### Production Process

1. Milling of core box parts from board material RAKU<sup>®</sup> TOOL WB-1258
2. Finishing of core box
3. Insertion of core box vents
4. Trial

### Customer

Fronberg Guss GmbH, Schwandorf, Germany

**Molding process:** Cold-Box

**Molding machine / core shooter:**

63 L semi-automated core shooter

### RAKU<sup>®</sup> TOOL WB-1258

- Excellent abrasion resistance
- High impact resistance
- High edge strength
- Excellent milling characteristics
- Excellent resistance to chemicals

### Key advantages

- Fast production of core box through direct CNC machining
- Easy and quick modifications
- Cost savings in comparison to metal or face cast core box

Our recommendations on the use of the material are based on many years of experience and current scientific and practical knowledge. They are, however, provided without any obligation on our part and do not relieve the buyer of the need for suitability tests. They do not constitute a legal relationship, nor are any protected third party rights whatsoever affected thereby. No liability accepted for misprints.

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