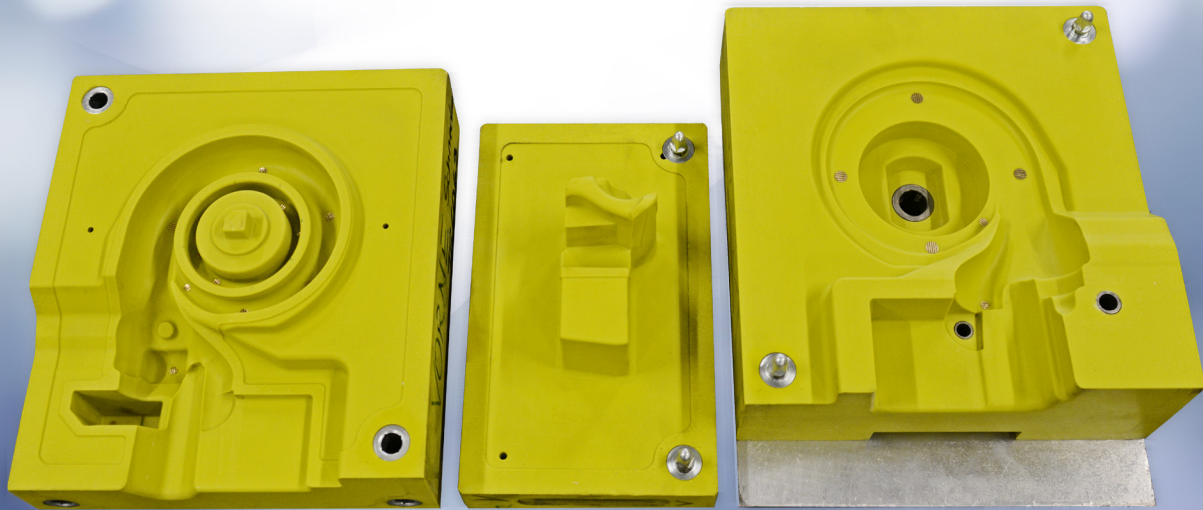


# Production of a three-part core box

RAKU® TOOL WB-1404 Working Boards



## Case Study



### Objective / Application

Production of a three-part core box for the manufacture of a turbine housing



### Production process

1. Milling of core box parts from board material  
RAKU® TOOL WB-1404
2. Finishing of core box
3. Insertion of air nozzles
4. Trial



### Customer

GF Casting Solutions Herzogenburg Iron GmbH,  
Austria

### RAKU® TOOL WB-1404

- Easy and quick to machine
- Good styrene and amine resistance
- Minimal finishing required due to dense, homogeneous and smooth surface, can be polished
- Dimensionally stable due to low coefficient of thermal expansion
- Good abrasion resistance: > 10,000 reproductions
- Compatible with all paints and release agents in line with industry standards

### Key benefits

- Fast production of patterns through direct CNC machining
- Limited handling of liquid systems (adhesive)
- Easy and quick modifications
- Cost savings in comparison to metal or face cast core box

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