

# MIKROMAT

RAPID TECHNOLOGIES



RAPID PROTOTYPING  
PRODUCT/PROCESS OPTIMIZATION



## WITH DF MIKROMAT TO EFFICIENT PROCESS

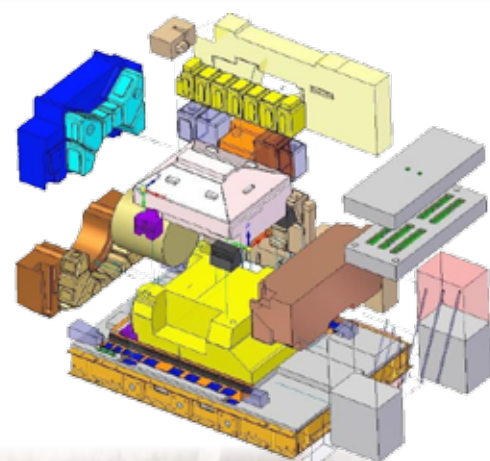
SINGLE WORKPIECES • SMALL SERIES • PROTOTYPES AND SPARE PARTS • PILOT SERIES • START OF SERIES  
TECHNOLOGY OPTIMIZATION

### OUR PORTFOLIO

Our portfolio is realizing everything starting at topological optimization and 3D CAD up to delivery of complete machined workpiece. Efficient processes are implemented by extremely experienced project managers. Please use us as a full service provider or even for each individual process step.

### 3D-CAD-DESIGN

- topological optimization
- reverse engineering of available existing workpieces or on the basis of sketches and drawings
- production of raw casting
- design of casting molds or concepts



### DIRECT FORMING

- rapid realization of complex workpieces by mold milling without real existing mould
- production of small or standard series by hybrid technology (mould and milling)



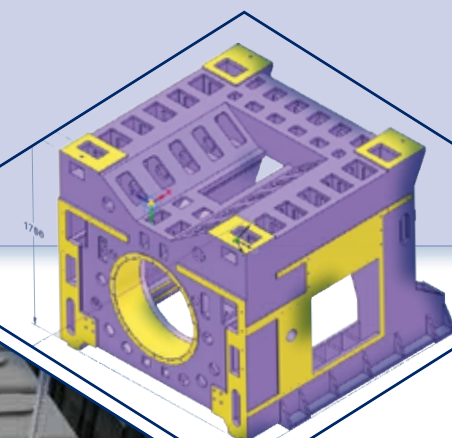
### PROJECT MANAGEMENT

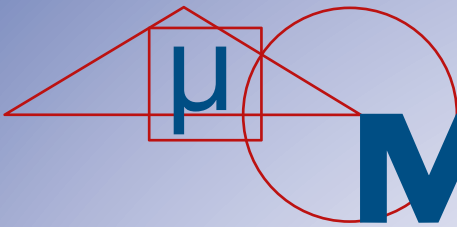
- realization of casting, mechanical processing and logistics
- organization and supervision of complete project
- project-specific management – large range of services in terms of material and machining



### VALUE ENGINEERING

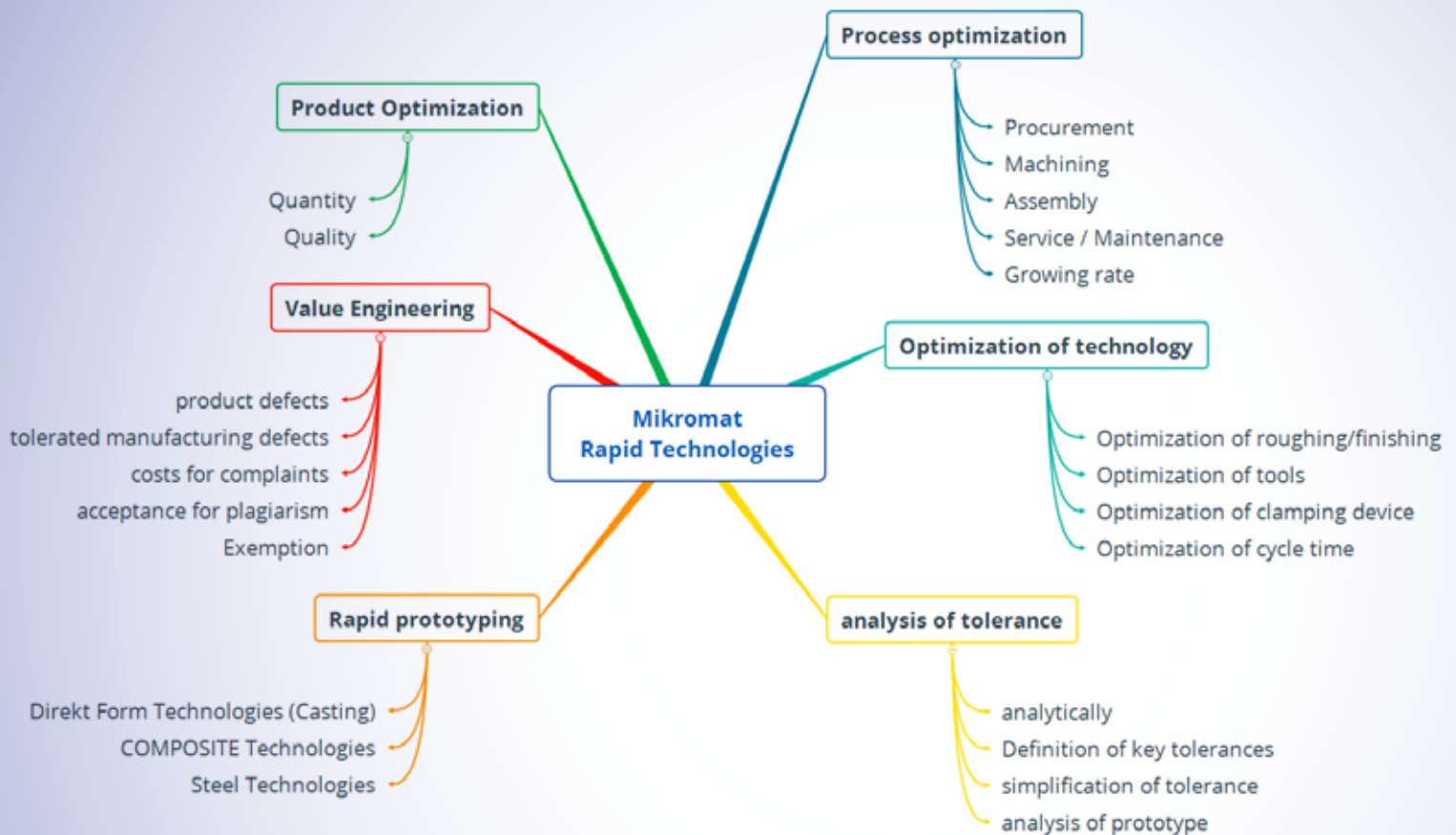
- restriction-free designed casting
- lightweight construction through extremely dimensionally accurate casting without draft angles - Undercuts easily feasible
- geometry optimization
- multifunctional integration
- product optimization
- process optimization





# MIKROMAT

*with MIKROMAT to productive μ*



IMPACTS  
PRODUCT POTENTIALS  
TECHNOLOGICAL  
PROFITABILITY  
VALUE  
MIKROMAT  
ENGINEERING  
REALIZATION  
COST ENGINEERING  
HIGH PRECISION  
PROGRAMMING  
TECHNICAL  
VALUE DISCOVERY  
PRACTITIONERS  
APPLICATION ENGINEER  
TECHNICAL STRUCTURE

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