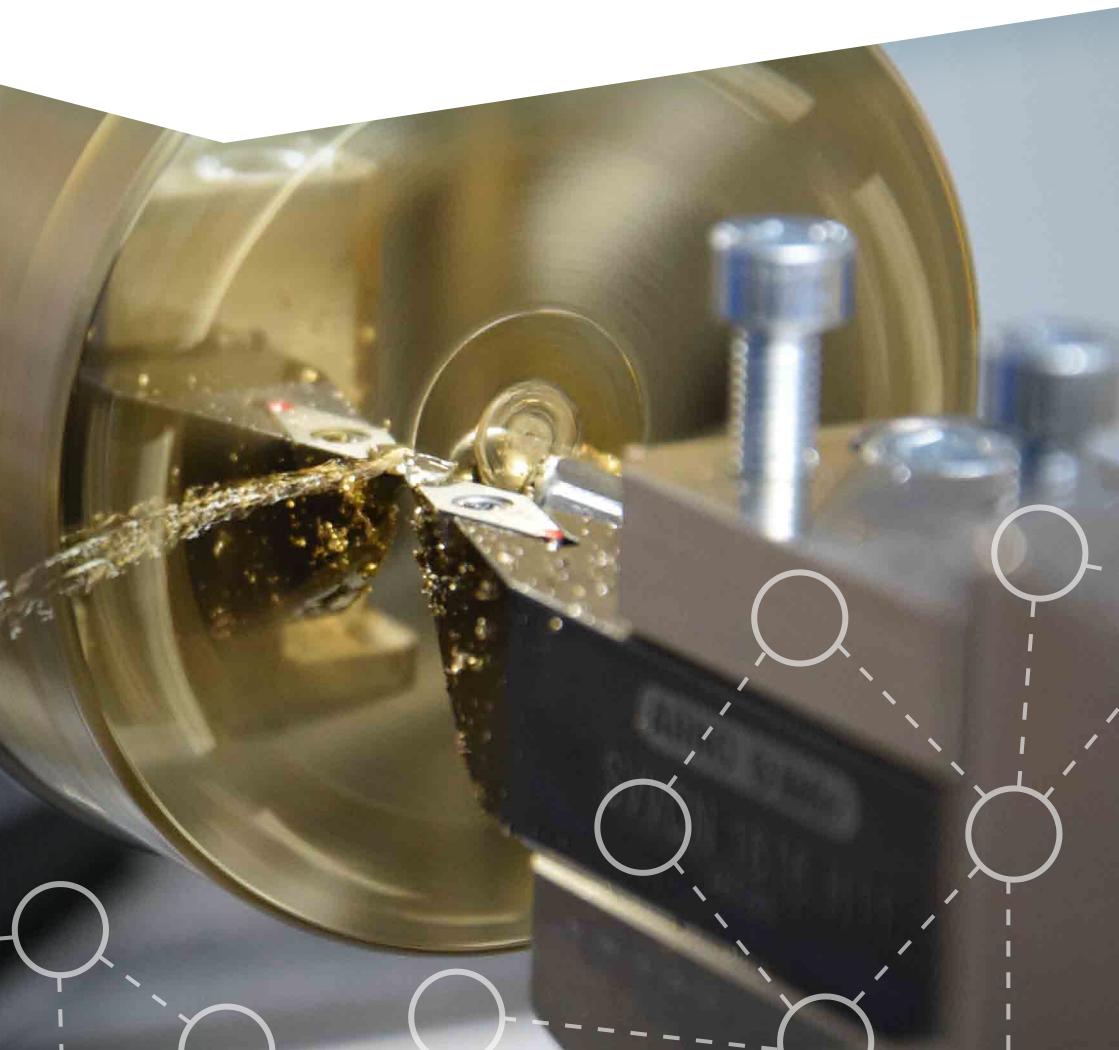




ADVANCED PRECISION MANUFACTURING

APPLIED RESEARCH AND DEVELOPMENT AS A SERVICE





NATIONAL COMPETENCE CENTER FOR PRECISION MANUFACTURING

In precision manufacturing, workpieces with tolerances in the micro or even nanometer range are machined. Many companies in the MEM sector (mechanical engineering, electrical engineering, metal industry) depend on the production of such precise and high-quality components and assemblies, which are used, for example, in optics, measuring, medical, or drive technology.

RhySearch supports you

- with research as a service and with unique technical infrastructure,
- by initiating and implementing high-tech projects,
- as a contact point for comprehensive research and innovation support,
- by networking business and research institutions.





YOUR RESEARCH CENTER

for Ultra and High Precision Manufacturing in Switzerland



Smooth surfaces: The model of the Margelchopf mountain near Buchs, milled with the 5-axis machining center «Micro HD»

Our network

RhySearch maintains close relationships with research institutions such as ETH Zurich, Empa, inspire AG or OST - University of Applied Sciences of Eastern Switzerland, which enables interdisciplinary projects with experts from the fields of production engineering, simulation, materials or metrology.

OUR COMPETENCIES

- Applied research and development
 - Machining processes and optimized parameters
 - Materials
 - Tools
 - Coatings
 - Automation and digitalization of machining processes
- Prototype and small batch manufacturing
- Consulting

OUR INFRASTRUCTURE

- State-of-the-art machinery
 - Turning
 - Milling
 - Coordinate grinding
 - Lapping / polishing
- Ultra-short pulse laser machining
- Metrology
- Air-conditioned machining lab with constant temperature of $20 \pm 0.5^{\circ}\text{C}$



CONTACT

Interested in a free consultation?
Contact our division manger
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