


A man with a short beard and short hair, wearing a blue t-shirt, is focused on his work. He is holding a metal component with both hands, examining it closely. In the background, a robotic arm with blue and orange joints is visible, working on a machine. The scene is set in a factory or industrial environment with bright lighting.

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**A Passion for Precision.**

**bangerter** 





Bangerter is a European leader in the manufacture of precision components made of advanced ceramic, tungsten carbide and other superhard materials. We work closely with our customers to develop innovative solutions for a variety of industrial sectors. Our core competency is the machining of high-precision microcomponents.

Today's technological progress in superhard materials is opening up new opportunities. Our challenge is to machine new materials into complex shapes within the tightest tolerances. Delivering the highest precision is our day-to-day business. Embracing new opportunities is our passion.

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**The sky's the limit.  
New materials mean  
new opportunities.**

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Bangerter supplies customers in the medical and dental technology sectors, in machine and automotive construction, and in the watch and textile industries. These applications demand the highest standards in material, precision, surface quality, hygiene and esthetics. The requirements vary widely from one industry and application to the next.

Choosing the right material is crucial to the success of a project. That is why we invest ample time prior to production in understanding the application and the component's function. Often, we are involved from the very beginning of a new project, and advise our customers on design and material selection. Our aim is always to deliver the best customized solution.

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**Customized solutions.  
As individual  
as our customers.**

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Our customers benefit from our technicians' many years of experience, from their vast knowledge of advances in new materials, their skills in applying them to maximum effect, and their ambition to find efficient solutions to the most demanding challenges.

New problems require new ways of thinking. That is why Bangerter encourages and mentors talented people with fresh and unconventional ideas. Bringing proven technology and new solutions together is the key to our constant drive for innovation. Because our future is in innovation.

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**Experience is our  
foundation. Innovation  
our future.**

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Our engineers are passionate about developing new and efficient processing methods, manufacturing systems and machines.






Breakthrough innovations cannot be obtained ready-made. While we constantly invest in the most modern technology, our engineers and technicians think ahead. They develop our own machines and manufacturing systems and constantly optimize production processes that are specific to each product. Thus, Bangerter can respond to particular customer requests and supply ultra-precise components of even greater complexity.

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## Cutting-edge manufacturing. From engineers who think ahead.

Bangerter uses highly efficient multi-axes CNC machines, CAD/CAM systems and robot-controlled manufacturing cells and has expertise in a number of grinding and polishing techniques.



A woman with brown hair and bangs, wearing a blue V-neck shirt, is focused on her work. She is holding a precision tool with a blue frame and a yellow handle. The tool is positioned vertically, and she is looking down at it with concentration. The background is a blurred industrial setting with various mechanical parts and structures.

Components made of advanced ceramic, tungsten carbide and other superhard materials are machined solely with diamond tools. We guarantee our customers tolerances to the nearest thousandth of a millimeter, a fraction of the diameter of a human hair. To achieve maximum precision on a constant level, we must continually examine and optimize our production processes. It is good to know that we can count on employees who work with great concentration and a steady hand.

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## Maximum precision. Through concentration and a steady hand.

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Bangerter manufactures pump elements for micrometering systems, precision components for medical and dental implants, endoscope tips and measurement sensors. We also supply the solar, watch, textile and automotive industries.





Every precision component we deliver to our customers is carefully inspected by our quality specialists. These inspections guarantee the highest standards of quality for both the raw material and the surface finish, and ensure that our components meet all dimensional tolerances. At Bangerter, quality is monitored by experienced experts with an eye for detail. This is the quality our customers have come to count on.

**Quality you can count on.  
With state-of-the-art technology  
and an eye for detail.**

Materials such as advanced ceramics and tungsten carbide are extremely resistant to wear and withstand high temperatures and aggressive media.



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Bangerter employs highly talented people from many different countries and cultural backgrounds. The diversity of their experience, their knowledge and skills are an inspiration to our company and a key source for our innovations. Their passion for precision and their determination to excel are essential to our success.

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**Taking responsibility.  
For society and  
for our environment.**

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As an employer and a member of the community, we are aware of our social responsibility. We are committed to protecting the environment and to minimizing our use of natural resources. Because it is only with sustainable growth and development that our company will move forward.





**Bangerter Microtechnik AG**

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