



PRECISION IS OUR PASSION

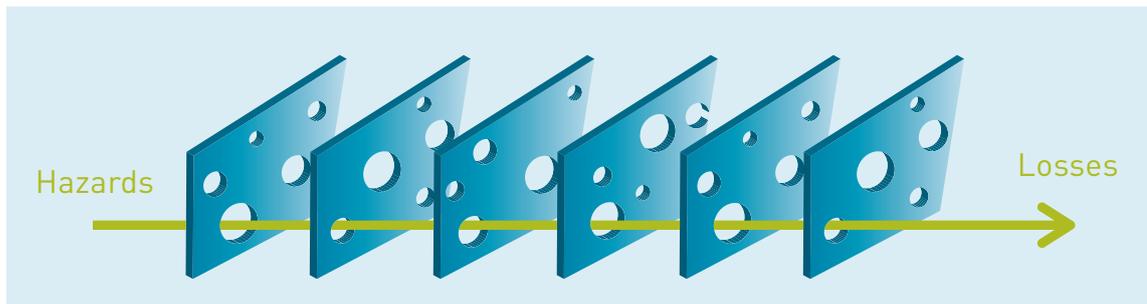
KYBURZ SAPPHIRE stands for maximum precision and quality.
We reaffirm these principles every day.



custom made
optical components

At KYBURZ SAPPHIRE, we live and breathe quality every day. Every single step of production is subject to strict controls. In this, we work according to the «Swiss cheese model».

This model was devised by the British psychologist James Reason in 1990 and compares safety levels with slices of cheese stacked side by side. The holes in the cheese symbolise weak points in the system. In an adverse situation, several such holes can become aligned, which results in damage and accidents. By lining up many different «slices», these hazards can be minimised.



1. DEVELOPMENT

Everything starts with precise planning for every step of development. The choice of materials, defining the work techniques, developing the prototype – all this is defined together with our clients, and then developed by our experienced specialists. The members of our team engage in mutual checks on their calculations, sketches and models.



2. PRODUCTION

Our production is guided by the highest possible care and precision. Whether cutting crystals into raw parts, grinding them into the desired form, or the subsequent polishing process – every team member subjects the previous step to a precise quality check before working on the project himself.



3. FINISHING

Client-specific finishing is also monitored systematically. Whether it's a laser inscription, a metal coating or a specific optical coating: besides using the appropriate technologies, the double-check principle is a firm component of the process at this stage, too.



4. FINAL INSPECTION

From the choice of materials via production to assembly, every one of our work stages fulfils the highest requirements and is documented and traceable according to international norms. Before a delivery is sent on its way, every part is checked carefully.

KYBURZ SAPPHIRE runs a certified quality management system that conforms to ISO 9001:2015.



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