

A breath of fresh air in the project business

The optimum manufacturing process: productive, reliable, cost-effective. This is the wish and demand of all those responsible in metal-cutting production. When it comes to process design, they often rely on the support of tool manufacturers. Proven solutions are not automatically the best solutions. Rather, a fresh, flexible and open-minded approach is required to achieve the optimum for the customer. This is the goal to which botek is committed – and by no means only in deep drilling.

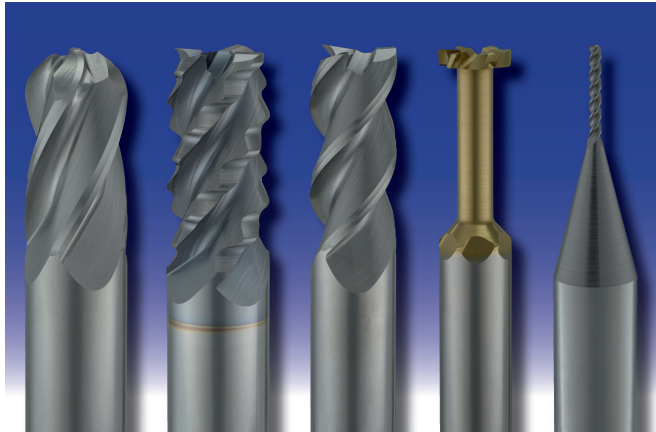
"We want the best solution for our customers," says Armin Kullik, responsible at botek for application technology in the field of drilling and solid carbide tools.



"Whether the customer needs a single hole or the complete machining of an entire component – we demonstrate innovative machining concepts and lay out the appropriate process, including tools, in close coordination with the customer. Well-trodden paths are left behind in order to jointly develop and implement new ideas. This is exactly what our customers appreciate in the project business." "The basis for joint success is close contact with our customers, because only when the requirements and framework conditions are precisely clarified does the customized solution ultimately lead to the goal," Sabine Schur, Managing Director at botek, also knows. "For this reason, our highly qualified application engineers are also very happy to visit customers on site, exchange ideas with those responsible there, and discuss in detail the component to be produced and the resulting requirements for the tool.



Armin Kullik (left)
in conversation with
Max Fetzer



Only if user and tooling partner speak the same language the result will be right in the end." Once the general conditions and objectives have been clarified, it is the turn of the process experts. botek is well known for its expertise in the field of deep hole and precision drilling. Less well known, however, is the fact that the Swabian manufacturer also has comprehensive know-how and decades of experience in milling, reaming and countersinking. Although these tools have also always been part of the Swabian manufacturer's product portfolio, they have tended to lead a shadowy existence due to the great success of deep drilling tools.

"The indicator for the quality of these tools here is our own tool body production. We use drills, countersinks as well as milling cutters in various designs internally on an ongoing basis, use them every day for demanding materials and are more than satisfied with the performance," says Michael Vöhringer, Technical Managing Director of botek for the carbide tools division. "Internal customers are the harshest critics. If they are satisfied, the quality is right."

To ensure this quality in a reproducible manner, botek relies on a large vertical range of manufacture. Apart from the raw material, which is sourced from qualified and certified suppliers, the complete machining process, including cutting edge preparation, coating and coating post-treatment, takes place at the headquarters in Riederich. More than 500 employees develop and manufacture tooling solutions for customers worldwide, enabling application-specific solutions to be realized within the shortest possible time.

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Most of the application engineers are also based here and start out from Riederich to support customers in designing new projects or optimizing existing processes.

To strengthen the project business in complete machining, the botek team recently received another addition in the form of Max Fetzer, an experienced project engineer in the field of 5-axis machining. In cooperation with machine manufacturers, botek can now also develop application-specific turnkey solutions for complex machining tasks. The experienced machining specialist is looking forward to the upcoming tasks and was highly impressed after his first weeks at the new company. After all, he too had previously known botek primarily as a deep hole drilling specialist. "I know from long ago that botek also manufactured and sold milling cutters," says Max Fetzer. "But to what extent experience and competence in milling, reaming and also deburring has been steadily built up here, that then positively surprised me." He is therefore approaching his new task with a very good feeling and a lot of verve, looking forward to the technical challenges and the cooperation with colleagues and customers.



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