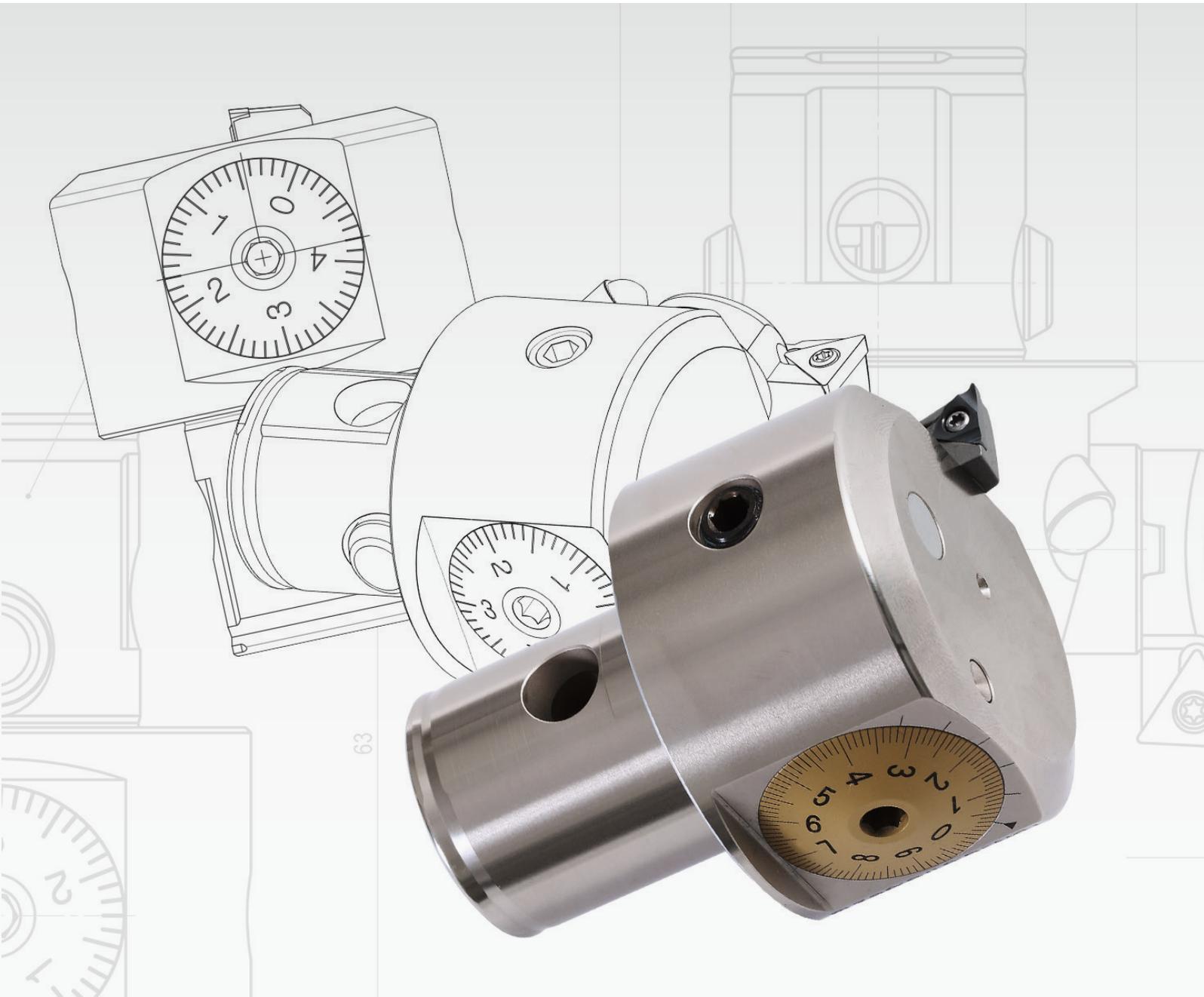


BIG KAISER



A Member of the
BIG DAISHOWA Group



SPECIAL TOOLS

Your One-Stop Precision Solutions Provider

Decades of Precision Tool Design Experience



Thanks to our intelligently designed and broad product portfolio, we can usually offer our customers standard solutions. Paying tribute to the evolving requirements in the manufacturing industry, we also provide our customers with specialized tools that cater to unique requirements. This approach allows us to consider specific conditions at our customers' facilities and optimize manufacturing processes more profoundly. Our customized solutions accommodate interfering contours and enable streamlined production, reducing unnecessary steps.

Leveraging our decades of experience in precision tool design and associated manufacturing, we possess the expertise to develop and produce tools of custom sizes, unique designs, and tailored solutions swiftly and efficiently. Our primary objective is to offer our customers a seamless, all-in-one solution —from the machine interface to the smallest screw.

Reasons for using special tools

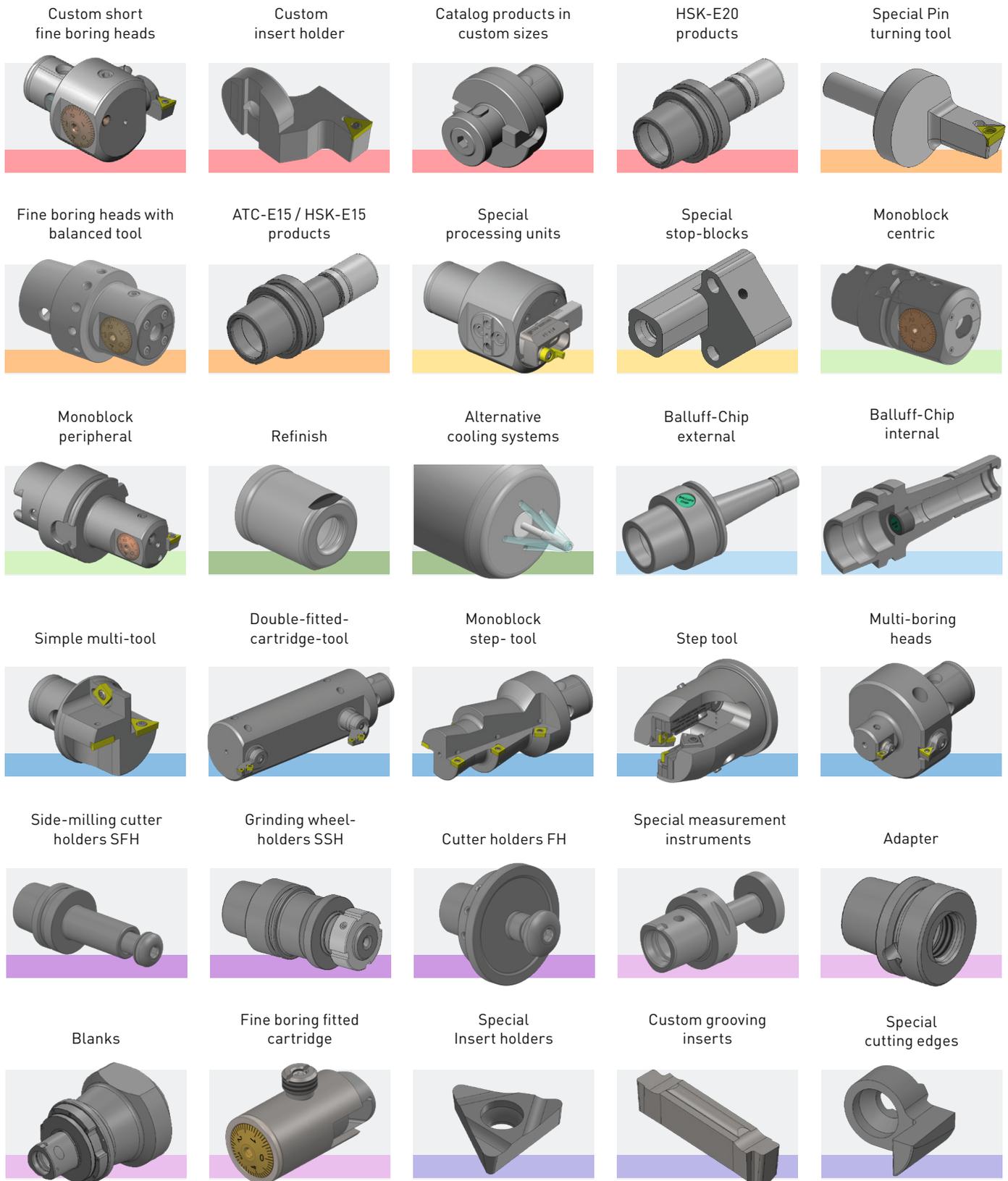
Streamline manufacturing processes	Enhance tool stability
Consider interference contours	Cater to specific customer interfaces
Reduce production steps	Provide intermediate sizes
Optimize cooling systems	Develop tools with integrated electronics
Accommodate custom requests	Custom marking options

When it comes to finding a supplier capable of producing highly accurate workpieces on a one-off basis, the search may seem easy. However, true repeatability across different batch sizes in the micrometer range is where the challenge lies.

At BIG KAISER, we have mastered this challenge through our extensive expertise as specialists in the design phase, coupled with our optimized and complex manufacturing processes. With a wealth of experience under our belt, we are confident in our ability to be your trusted partner for precision tools.

Our Special Tools Portfolio:

Construct Tools in Alternative Sizes	Customized Size Design for Perfect Fit
Seamless Contour Adaption	Develop Monoblock Versions
Customization to Perfection	Standard Products with Balluf chip
Versatile Step Tools	Develop innovative machining solutions
Custom Parts development	Custom Cutting Edges



Our specialized team is dedicated to assisting you in finding the optimal machining variant for your workpieces. We combine the required special tools with our range of suitable standard products, ensuring a seamless integration that enhances your manufacturing processes. Count on us to deliver tailored solutions that maximize efficiency and precision.

“It is incredibly exhilarating to develop solutions that are intricately aligned with our customers’ needs and production processes. Every day brings new feedback and opportunities for growth. Engaging in discussions and coordinating special projects with our talented internal experts in design, production, quality assurance, and logistics is a pleasure. Witnessing how our close and focused collaboration swiftly brings forth technically advanced special solutions is truly remarkable.”



Cédric Knöri
Head of Special Tools

Types of requests: Tailored Solutions for Every Challenge



Requesting Unavailable Products: If you have a clear idea of what you need but couldn't find it in our standard catalog, we've got you covered.

Simply share your requirements with us, and we will thoroughly assess your request. Our team will then provide you with a detailed offer, accommodating various lot sizes to meet your demand.



Technical Cross-Check: Have an idea but need a technical validation? We are here to help.

Share your machining strategy with us, and our experts will conduct a thorough evaluation. If needed, we will propose alternative approaches. Together, we will identify the best machining solution for your workpieces, ensuring optimal results.



Workpiece Challenges: If you have a workpiece for which you don't yet have a machining solution, our team of design and manufacturing specialists is at your service.

We will closely collaborate with you, leveraging our expertise to offer tailored solutions for any machining challenge you encounter. Rest assured; we will find the optimal solution to meet your needs.

Our Commitment

Quotation in 48h

Functional guarantee

Delivery in 3 weeks

Detailed 3D data available

At BIG KAISER, we welcome your inquiries. It won't cost you anything to ask us about your needs. Don't hesitate - reach out today and discover the possibilities of precision tools for your business.