

PROJECT ENGINEERING

Smart solutions for efficient
machining processes

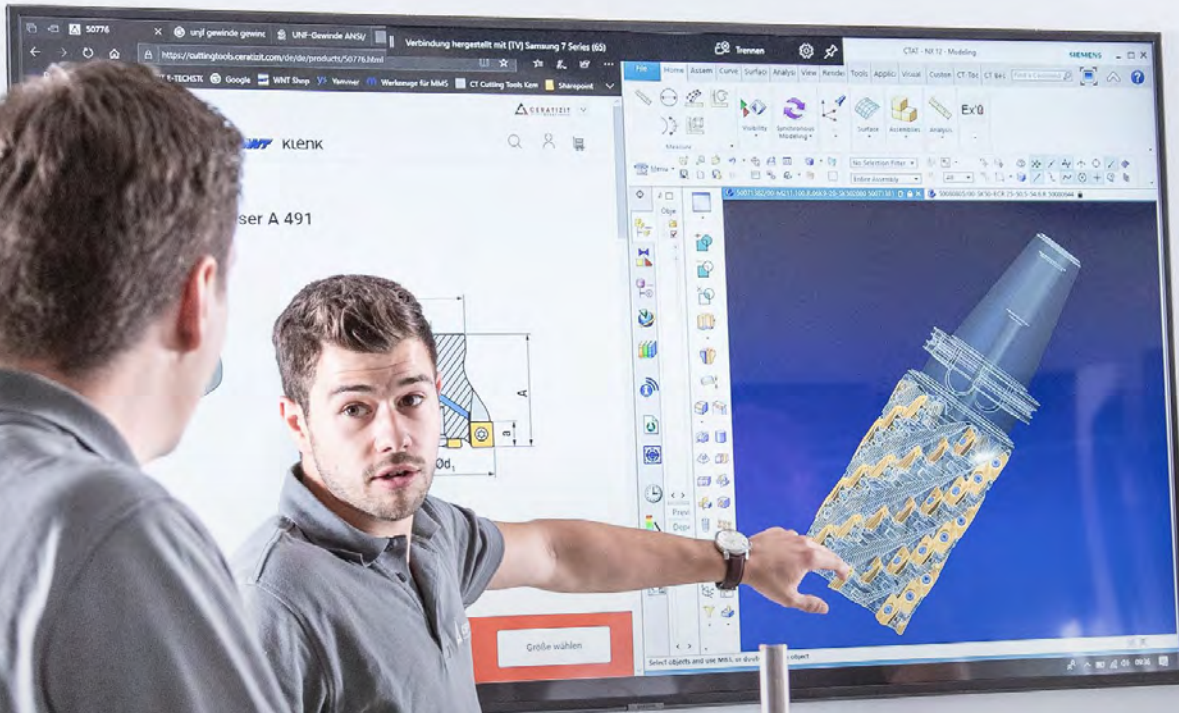
TEAM CUTTING TOOLS



CERATIZIT is a high-technology engineering group specialised in cutting tools and hard material solutions.

Tooling the Future

www.ceratizit.com



Projects in the best possible hands

From consulting to successful completion, we realise your application-specific project goals

Developing optimal manufacturing processes

Benefit from our innovative tool concepts, many years of experience and professional advice to increase your productivity

In order to machine increasingly complex workpieces cost effectively and to a high level of quality, all the process parameters need to be tailored to the specific task. Those who succeed in meeting these challenges will remain competitive on the global market.

However, the reality is that businesses often do not have the capacity to analyse manufacturing processes and optimise them to make them more efficient. There is also usually not enough time to tailor new cutting materials, tool geometries or process technologies to the individual machining operations.

This is precisely where our project engineering comes in. As one of the leading tool manufacturers and innovators in the machining industry, we develop ideal tool concepts for you based on key success factors such as efficiency, time and quality.

Why are we the ideal system partner for you? We have many years of experience in the development of innovative tool solutions, can draw on sound technical expertise and provide first-rate service.

What's more, with our leading product brands Cutting Solutions by CERATIZIT, KOMET, WNT and KLENK, we are a full-service provider in machining, offering one of the most comprehensive ranges of cutting tools and services.

If you want to set the pace rather than risk falling behind the international competition, then get in touch with us now!

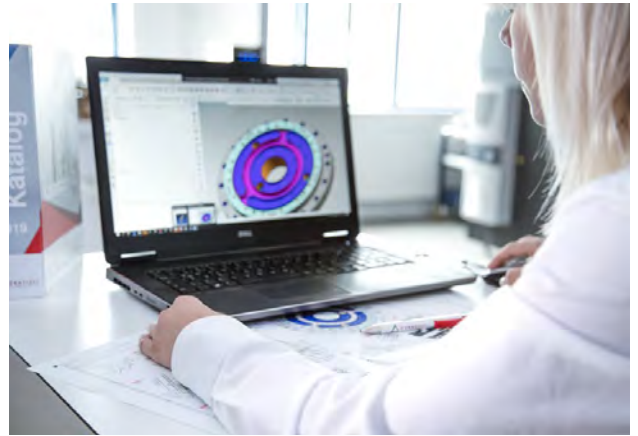
You can rely on us to implement your project successfully!



Project consulting



Project development & quotation



Project implementation



Ongoing support



We always keep your objectives in mind

and provide you with advice across all industries in all application ranges. Benefit from our many years of experience and our innovative solutions.

The services we provide

- ▲ Consulting service for all applications and industries
- ▲ Needs-oriented advice on process optimisation
- ▲ Dedicated project manager

Our interdisciplinary project team

develops the ideal machining concept for your individual specifications and objectives using high-end CERATIZIT tools.

The services we provide

- ▲ Development of a machining and tool concept
- ▲ Cycle time consideration
- ▲ Machining tests in our in-house Technical Centers
- ▲ Prognosis of the tooling requirement and tool costs per component
- ▲ Business quotation

Our expert team

implements the concept on your machine, working closely with you and your dedicated CERATIZIT application engineer. This on-site support guarantees you will receive a stable and cost-effective manufacturing process for your product.


The services we provide

- ▲ Detailed planning of the machining process
- ▲ Tool design
- ▲ Collision monitoring
- ▲ Tool assembly
- ▲ Support from a dedicated application engineer when proving out the machining process and for CNC programming
- ▲ Tool documentation
- ▲ Regular project status reports

Even after successful implementation

of the project, we are here for you. Your dedicated application engineer keeps an eye on your manufacturing processes, determines further potential for optimisation and provides you with ongoing support for all the challenges you face.

The services we provide

- ▲ Ongoing manufacturing support
 - ▲ Series production support and process optimisation
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UNITED. EXPERIENCED. METAL CUTTING.



**SPECIALIST FOR INDEXABLE INSERT TOOLS
FOR TURNING, MILLING AND GROOVING**

The product brand CERATIZIT stands for high-quality indexable insert tools. The products are characterized by their high quality and contain the DNA of many years of experience in the development and production of carbide tools.



**THE QUALITY LABEL FOR
EFFICIENT BORE PRODUCTION**

High-precision drilling, reaming, countersinking and boring is a matter of expertise: efficient tooling solutions for drilling and mechatronic tools are therefore part of the KOMET brand name.



**EXPERTS FOR ROTATING TOOLS,
TOOL HOLDERS AND CLAMPING SOLUTIONS**

WNT is synonymous with product diversity: solid carbide and HSS rotating tools, tool holders and efficient workholding solutions are all part of this brand.



**CUTTING TOOLS
FOR THE AEROSPACE INDUSTRY**

Solid carbide drills specially developed for the aerospace industry bear the product name KLENK. The highly specialized products are specifically designed for machining lightweight materials.

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