Your global partner for wood and metal working

CERATIZIT is a high-tech engineering group specialized in tooling and hard material technologies.

Tooling the Future

www.ceratizit.com
Dear valued customer,

Toolmaker Solutions by CERATIZIT offers you a unique complete package with excellence in all fields, including product development, a broad variety of products, best availability and personal service. We offer everything tool manufacturers need and – just as you do – set a high value on quality and reliability. Always one step ahead: our solution-oriented range is constantly being improved and expanded with new products. Because your needs are important to us, we will work together with you to find the ideal solution for your application and requirements. You can rest assured that with us you are not just a customer but a partner.

Yours,
the Toolmaker Solutions by CERATIZIT team
CERATIZIT Group

For over 95 years, CERATIZIT has been a pioneer developing exceptional hard material products for cutting tools and wear protection.

The privately owned company, based in Mamer, Luxembourg, develops and manufactures highly specialised carbide cutting tools, inserts and rods made of hard materials as well as wear parts.

The CERATIZIT Group is the market leader in several wear part application areas, and successfully develops new types of carbide, cermet and ceramic grades which are used for instance in the wood, metal and stone working industry.

Facts & figures

1 headquarters
Mamer, Luxembourg

27 production sites

> 60 sales subsidiaries

> 6.000 employees

> 100.000 different products

> 600 patents and utility models

> > 100 employees in R&D

> > 10 innovation awards

> 30 % products younger than 5 years
Production site

Mamer (Luxembourg)

The CERATIZIT-Group has its headquarters in Mamer, Luxembourg. Today the plant in Mamer has more than 1,200 employees and concentrates on industrial wear protection, wood, metal and stone working as well as inserts and tools.
Modern machines, experienced specialists and our mastery of the entire process chain are your guarantee of excellent product quality and stable processes.
Always the best quality

Toolmaker Solutions by CERATIZIT is a quality leader, combining the entire process expertise and far-ranging production skills of the whole CERATIZIT Group.

▲ Highly skilled and trained specialists in a great variety of fields.

▲ We are on top of things for every step of the production process.

▲ A modern machine park that is constantly being expanded and updated.

▲ Optimised production processes reduce the process costs and ensure the highest quality as well as environmental compatibility of our products.

▲ Independently checked and certified products.
As a technological leader, we constantly review and refine our standard portfolio. As a result we can be sure of supplying you with high-performance products at all times.
Continuous development and innovation

As a market leader, we are at the forefront of technological development.

Our use of the most up-to-date technologies and materials ensures that you will be even more profitable in future.

Work with us to set new market trends – together, we can develop new products that are perfectly suited to your application. We have a number of close confidence-based partnerships with customers, project partners and universities which have been maintained for several decades now.

We focus on the right solution for you, not on the development of our product. Decades of experience in producing carbide inserts for wood and metal working have enabled us to accumulate a vast amount of knowledge in these fields. To ensure an optimal performance on all levels, we always consider the carbide properties, the manufacturing of the finished tool and the requirements of the end-user.

Our strengths:

▲ Ongoing development of carbide grades and expansion of the product range
▲ Modelling and fundamental research for the products of the future
▲ Benefit from synergies: all the resources of the CERATIZIT Group’s fundamental research programme are at our disposal
▲ Development of specific solutions for various applications – always in line with current market requirements
▲ Experienced and well-trained carbide specialists
▲ Vast experience in advanced development techniques, e.g. joining technologies like laser beam welding or brazing

Our innovations for you:

▲ We are your innovation specialist: 35% of our products are younger than 5 years
▲ Our most recent developments:
  - Corrosion-resistant KCR grades
  - Cermet grade for metal working
  - PCD tools and inserts
  - Knife coating for a more precise cut
  - Optimised geometry for strobe blanks

A good example of joint product development with a customer is the Armoth Professional CTE band saw, for which QSGS Technology has received the Polish ‘Gold Medal Award’. The band saw was developed in collaboration with Toolmaker Solutions by CERATIZIT, and features carbide saw tips with various custom geometries. For this project CERATIZIT recommended the carbide grade KCR10. The wear-resistant saw tips can be brazed to the saw band, reground and easily replaced, thereby reducing the maintenance costs and increasing the service life of the band saw.

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Always the right solution: choose from our large standard range, or let us develop a customised product specifically for your needs.
Solution-oriented product assortment

We offer all kinds of standard and customised product solutions for toolmakers:

▲ For wood working:
  - sawing
  - drilling
  - planing
  - turning
  - milling

We have developed dedicated grades to maximise the performance for all kinds of material, e.g. softwood, hardwood, MDF or HDF.

▲ For metal sawing, e.g.
  - steel
  - stainless steel
  - tubes with and without seams
  - titanium
  - non-ferrous metal

A dedicated team of specialists for each application ensures that you are always talking to an expert in your field.

Our large standard range of products is available from stock. If you can’t find the right product, just ask us! We are also experts for customer-specific developments, with longstanding experience in developing products to meet customer requirements. In us you have found a reliable partner for the long-term development of your business.

Your specialist for tailor-made products:

▲ Confidentiality: you can rest assured that we do not share your confidential information with other parties – your ideas and technical expertise are safe with us.

▲ Position yourself distinctively on the market with our unique tailor-made products.

▲ Low total cost of ownership thanks to high product performance and optimised production costs.

▲ When it comes to prototypes, we produce small quantities and even complex geometries that are suitable for your tests (rapid prototyping).

▲ Our experience in patent law enables us to assist you throughout the whole patenting process.
Sophisticated logistics processes, a global sales network and a flexible high-capacity production guarantee the fast and reliable delivery of your solution.
Supreme availability

A majority of our standard products are available from stock. A well-organised warehouse means that we can respond quickly and reliably to your order, even for bulk quantities. Thanks to our advanced supply chain management, our production capacity is flexible and able to produce a maximum of quantities, even in a short time frame.

You can order stock products online around the clock at our E-Techstore.

Your benefits

▲ Live product availability check

▲ Detailed up-to-date technical information and graphic illustrations

▲ Fast delivery: orders up to 6.30 pm will leave our warehouse in Kempten, Germany, on the same day

▲ Reliable delivery: we work only with the best and most reliable service providers in the sector
We can assist you from the first enquiry to the development or choice of a solution, right through to the specific product – all over the world.
Personal collaboration and assistance

No matter where you are: thanks to our worldwide sales representation and a large distribution partner network, we are always and everywhere available to you. We will be happy to advise you on all aspects, from the very first enquiry to the development or choice of a solution and right through to the delivery of the product.

Instant assistance and consulting for your daily business operations, via different communication channels: the team of our Customer Service Centre is just one call away, and is ready at all times to help you with quotes, orders, claims, logistics and other issues.

Personal collaboration is important to us: with your dedicated contact person, you can be assured that we are well acquainted with your specific requirements and can offer you the solution that best meets your needs.
OPERATING GLOBALLY FOR YOU – YOUR DISTRIBUTION PARTNER NETWORK

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Subject to technical changes and improvements in production.

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