boehlerit

Welcome to Boehlerit



Welcome to the world of Boehlerit

Technology leader in carbide manufacturing since 1932









boehlerit







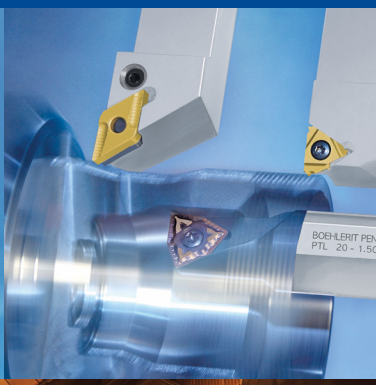


General machine construction

Experience that goes back many decades, the continuous development of production processes as well as state-of-the-art production facilities are the basis from which Boehlerit caters to highly complex customer requirements and fulfils requests in a speedy, professional manner.

For the economical machining in areas such as energy technology, automotive and aerospace engineering and turbine construction as well as for segments such as medical engineering, Boehlerit offers a wide range of applications, with the main focus on turning, milling, thread cutting and grooving.





Heavy-duty machining

Boehlerit has been producing carbides and highly specialised tools for the mining industry and the machining of crankshafts, switches and tracks since 1932. Our tailor-made solutions range from conception all the way to the commissioning of tooling systems using specially developed cutting materials and geometries. Tradition and experience that go back decades, paired with innovation and a wealth of expertise, ensure the continuous improvement of our products and services.

Problem-solving expertise and consulting services by Boehlerit: From planning to implementing production processes for optimised economical solutions, our experts are available to our customers at any time, including on site.









Chipless forming and wear protection

The chipless forming and wear protection segment poses a particular challenge for the Boehlerit specialists. Starting from the end product, customer-specific solutions are devised, designed, and manufactured. Improvements in tool life of up to 2,000 % compared to hardened steels are not uncommon.

The Boehlerit strength lies in the fact that all manufacturing steps are completed at a single site, from powder processing to forming and sintering, and all the way to finalising and coating the finished product. For our customers, this means that even highly complex tasks may be handled by a single contact partner.



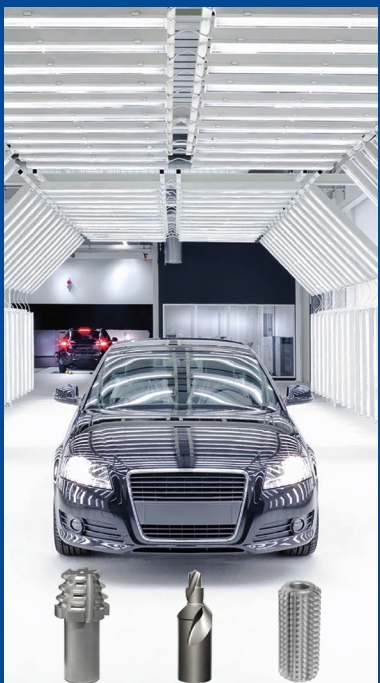








Semi-finished products and blanks for precision tool manufacturers



Precision tool manufacturers for the wood-, plastics- or metalworking industry have high standards when it comes to metallurgy and machinability. Minimal allowances and dimensional accuracy of the supplied semi-finished products and blanks are important criteria. Boehlerit develops hard materials that live up to the most stringent expectations regarding machining and application qualities and that facilitate cost-effective further processing.

Cost-saving manufacturing often depends on a perfectly manufactured blank, which is why Boehlerit coordinates the required details with the customer while still at the project stage.

Top-level quality

The Boehlerit development dynamics are defined by our customers' expectations regarding performance. Process-optimised manufacturing technologies, from in-house powder production to state-of-the-art coating technologies, give our customers an edge when it comes to productivity.

Our inspection and packaging facility for indexable inserts is the most advanced in the industry and ensures 100 % quality assurance in the µm range.
Exceptionally stringent dimensional inspections and the monitoring of metallurgical parameters guarantee a consistently high quality, something that Boehlerit considers particularly important.





The best investment is innovation

Thanks to state-of-the-art analytical methods and close cooperation with universities and research institutions, the Boehlerit R&D department is ideally positioned for keeping up with the constantly changing requirements for the cutting and wear protection material that is carbide (increase in productivity, improved materials, new areas of application). The results of these intense development efforts are new, high-quality and application-orientated products made by Boehlerit.

From powder production to state-of-the-art pressing technologies and one of the largest hand shaping departments, to extrusion and sintering and all the way to the production of indexable inserts and state-of-the-art coating technologies, Boehlerit has the entire carbide manufacturing process covered.



Sustainability is not an empty promise

The Boehlerit group doesn't do greenwashing: For us, holistic environmental protection is not just a marketing spin, but something we live by every day and an integral component of our corporate policy. Three areas in particular reflect this: the development and construction of durable, recyclable high-quality products, environmentally friendly production concepts, and the minimal environmental impact of products in practical operation.

The world is only given to us on loan. Boehlerit also sets new standards for environmental protection as well as health & safety. For instance, Boehlerit was the first industrial enterprise in Upper Styria to comply with the provisions of the Austrian Environmental Management Act, placing the carbide specialist in the top league of Austrian businesses, only 30 of which have so far completed the complex auditing process.



The employees make Boehlerit

In line with the corporate philosophy of this privately run family enterprise, its employees are Boehlerit's top priority at all times. The appreciation of every single one of our employees is also reflected in the fact that Boehlerit frequently has three generations of one family working for the company.



Boehlerit
The carbide pioneer

As a carbide pioneer, the Boehlerit Group is one of the world's leading manufacturers of wear protection solutions and cutting tools for machining metal and composite materials. With cutting materials, semi-finished products, precision tools and tool systems for milling, turning, grooving and forming, the family-owned company has been ensuring process reliability and efficiency worldwide since 1932. Around 700 employees offer customers comprehensive expertise in all aspects of metallurgy in order to realise process-optimised production technologies, the highest quality and a head start in tool productivity. With three production sites in Europe and Asia, international subsidiaries and a network of sales partners, the carbide and tool specialist has a global presence. Together with its two legally independent sister companies Leitz and Bilz, the Boehlerit Group forms the globally active Bruckacher Group.



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