

A full range of innovations

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Following the launch of the new milling programme in 2016, Boehlerit is once again presenting a wide range of follow-up innovations, continuing on our path towards becoming a full-service provider.

At the Intertool show in Vienna the Kapfenberg-based carbide and tool specialist will present top innovations for all applications, starting with high-end milling programme extensions such as the ETAttec 45P, ZETAttec 90N, BETAttec 90P (size 18) or DELTAttec 90P Feed (size 18), all the way to the new ISO turning tool holders with integrated cooling. For the internal machining of pieces with a diameter from 8 to 20 mm, Boehlerit now has the perfect tool solution at hand with the brand-new Minitec tool holders and has also launched a new helical cutter as well as a new solid-carbide and 3D milling programme.

The ETAttec 45P, successor of the ISO 45P, is a seven-edged face milling cutter with an approach angle of 45 degrees and a positive basic geometry, ensuring low cutting forces and thereby a high machining volume even on less powerful equipment.

With the ZETAttec 90N, Boehlerit has launched a new roughing tool with a sensationally low cost factor per blade. This tool with six cutting edges complements the DELTAttec 90N, ensuring maximum productivity at excellent value for money.

Boehlerit has also come up with an additional version of the BETAttec 90P edge milling tool with a cutting edge length of 18 mm, making it possible to machine long 90 degree edges with high cutting values and outstanding precision levels.

The already extensive product portfolio for turning operations was also extended even further. The new tool holders with an integrated cooling agent supply greatly improve cooling on the blade, thereby increasing the lifespan of the indexable insert as well as improving chip removal. The new tool holders are available with lever clamp (ISO-P) and screw clamp systems (ISO-S).

Thanks to the new Minitec turning tool holders, the internal machining of pieces with an 8 to 20 mm diameter is now also possible.

Furthermore, carbide and tool specialist Boehlerit is now launching a range of new helical cutters for a diameter of 20 to 63 mm, a completely new addition to its milling system. Helical cutters are suitable for all metal-working industries and applications and offer a fantastic combination of performance and value.

The extensive solid-carbide milling programme, which is setting new standards thanks to innovative technology and versatility, is also available on a broad basis as of now. Thanks to top-level quality and performance, the sky is the limit when it comes to possible applications. In addition to tools for the milling of soft materials such as copper, aluminium or plastics, Boehlerit also offers versions for the machining of hardened materials (up to

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65 HRC). Yet another innovation is the milling tool DELTAtec 90P Feed, now also available with insert size 18. The highly stable design of this tooling system ensures maximum stability in roughing operations as well as maximum feed rates, resulting in an extremely high machining volume and maximum process stability.

Press release

The company

Boehlerit, headquartered in the Austrian town of Kapfenberg, sets global standards with carbides and tools for the processing of metal, wood, plastics and composites. With cutting materials, semi-finished products, precision tools and tool systems for milling, turning, drilling and forming, Boehlerit ensures process safety and efficiency on a global scale. The company's extensive product portfolio includes highly specialised tools for the machining of crankshafts as well as for the mining industry, for bar peeling, tube and sheet metal processing and heavy-duty machining. The Boehlerit product range also features carbides for construction components and wear protection. When it comes to coating technology, Boehlerit holds a global monopoly, ranging from the first-ever nano-CVD bonding layer to the hardest diamond layer worldwide. With its many years' experience in metallurgy, coating technology and state-of-the-art press technology, Boehlerit is a highly competent development partner for toolmakers.

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