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Boehlerit Hungary – stronger than ever

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This family-run company has a completely new team in Hungary and is starting off on the market with a full range of innovations.

Boehlerit, based in Kapfenberg, Austria, has for many years stood for innovation, expertise, and sustainable top performance: Carbides and tools from Boehlerit set standards in the machining of metal, wood, plastic and composites. The cutting material and tool specialists solve the most demanding machining tasks in materials of the future. Cutting materials, semi-finished products, and precision tools and tool systems for milling, turning, drilling and reshaping ensure process safety and efficiency around the world.

“We want to play a bigger role on the market again and to react quicker to the requirements of customers,” says Robert Zeier, who has been Marketing Manager of Boehlerit Hungary for one and a half years. “A good relationship to the customer – on an equal basis – is especially important for Boehlerit”. With a new, constantly growing team of highly motivated field representatives at the Hungary site, we want to meet the customers right on “the cutting edge”, and to optimise the process on site. Because, according to Robert Zeier, “Boehlerit is also at the very forefront when it comes to service and customer support, and application technicians can always be contacted when questions arise”. Aspects that should not be ignored if one wants to be successful on the market. Especially after the introduction of the new milling programme in 2016, Boehlerit can present a wide range of follow-up innovations and continue, consistently, on the road to becoming a full-range supplier.

High-end milling

The milling range of Boehlerit comprises fifteen tool systems and a total of 18 milling varieties. It has been optimally adapted to the requirements of face and step milling. All current materials can be safely and economically machined with these – with excellent fatigue strengths, optimal chip sliding, and exact concentricity properties. All tools are nickel-implanted and achieve a long service life thanks to special materials and heat treatments. For the manufacturing of the milling indexable inserts, different carbide substrates are used that are geared to each other, so that a wide range of applications can be machined from roughing to finishing in cast, steel, stainless materials or aluminium with face and step milling. The new milling types here guarantee the user low flank wear and more stability against cutting edge chipping. By the way, Boehlerit produces its carbides exclusively with conflict-free raw materials (fair resources).

Press release

Innovations across the range

In 2018, the carbide and tool specialist Boehlerit presents top innovations for all applications, starting from the high-end level milling range extensions such as for example ETAttec 45P, ZETAttec 90N, BETAttec 90P (size 18) or DELTAttec 90P Feed (size 18) up to the new ISO turning clamp mounting with internal cooling. Boehlerit also has the ideal tool solution for the internal machining of workpieces with diameters from 8 to 20 mm with its brand-new Minitec clamp holders, and is in addition launching a new end face mill and the new carbide and 3D milling range onto the market.

The ETAttec 45P is a seven-edged face-milling cutter with a 45-degree work angle and positive basic geometry. This ensures low cutting forces, which allows a high cutting volume, even on low-performance machines. With the ZETAttec 90N, Boehlerit is offering a new roughing tool with a sensationally low cost factor per blade. With six cutting edges, this supplement to the DELTAttec 90N ensures maximum productivity at a low cost. Boehlerit is adding to the step milling tool BETAttec 90P a design with 18 mm cutting edge length, with which long 90-degree edges can be machined with high cutting parameters and extremely high precision. The comprehensive product portfolio for turning machining has also been extended. The new clamp holders with connections for the internal supplying of coolant allow substantially improved cooling at the blade, increasing the service life of the indexable inserts used and making it possible for shavings to be discharged more efficiently. The new clamp holders are offered with knee lever (ISO-P) and vice clamp system (ISO-S). The internal machining of workpieces with diameters from 8 to 20 mm is now possible with the new Minitec turning tool holders for internal machining.

The carbide and tool specialist Boehlerit is presenting new end face mills for the diameter range from 20 to 63 mm, which represent a completely new phenomenon in the milling family, as an extension to the ISO 90P milling system. End face mills are suitable for all industries dealing with metalworking, and offer excellent efficiency in performance and price.

The extensive carbide milling range, which sets new standards with innovative technology and versatility, will now also be offered on a broad basis. Thanks to very high quality and performance, there are hardly any limits to the areas of application. As well as tools for the milling of softer materials, such as copper, aluminium or even plastic, corresponding designs are also available for the machining of hardened materials (up to 65 HRC). Another innovation is the milling tool DELTAttec 90P Feed, which is now also available with a plate size 18. The extremely sturdy design of the tool system ensures maximum stability in the roughing process and guarantees the highest tooth feed rates. An extremely high metal removal rate can thus be achieved with maximum process stability.

If you would like to find out more about Boehlerit's product innovations, then simply contact the responsible sales representatives on site.

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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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Pictures

Abb. 1: A makeover for Boehlerit

