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Solid carbide milling programme sets new standards

Kapfenberg / Styria, 15/05/2018

Boehlerit now offers a full-scale solid-carbide milling programme: with innovative technology and versatility, the Austrian carbide and tool specialist raises the bar for the entire industry, all the way to the most challenging machining applications.

The solid-carbide milling portfolio compiled by the Boehlerit cutting material specialists once more focuses on quality and performance, with a carefully thought-out blanks concept on the one hand and high-grade substrates and coatings on the other. This includes PVD coating as well as solid-carbide milling cutters with diamond coating, used for the machining of materials with a high silicon content. Given this level of versatility, there are virtually no limits to possible applications. For roughing applications with large cutting depths, for instance, the programme includes soft-cutting milling tools that require only little machine capacity. These tools are available in diameters from 3 to 20 mm and stand out for their high performance and long lifespan. In addition, the Styrian material specialists also offer standard solid-carbide milling cutters with a special substrate for machining hard materials of up to 58 HRC. Hardened materials (up to 65 HRC) pose an even greater challenge for tools: with this in mind, the Boehlerit developers have also included highly wear resistant solid-carbide milling tools for tool and mould makers. The solid-carbide range also includes tools for milling softer materials such as aluminium, copper or even plastic.

The features shared by all the products of the extensive solid-carbide Boehlerit milling programme are high performance and wear-resistance as well as a long lifespan – in short, all the benefits you would expect from a carbide and tool specialist of Boehlerit's calibre! Furthermore, the company is also able to fulfil individual customer requests swiftly and efficiently.

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

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