

The grooving solution for exceptional manufacturing requirements

Kapfenberg / Styria, 30/04/2020

Tooling specialist Boehlerit presents a comprehensive grooving programme for heavy machining, fulfilling exceptional manufacturing requirements with an impressive range of programmes and grades.

The tool range for axial grooving is based on a modular design, facilitating the easy exchange of the insert holder. Specially designed alignment pins ensure that the stability of the system is equivalent to that of a mono-tool, guaranteeing the required level of flexibility. In addition to the programme variety, the Boehlerit clamping mechanism also convinces through its stability and repetition accuracy.

Depending on the design of the tool, radial groove depths of up to 500 mm and axial groove depths of up to 100 mm are possible, with a groove width of 8 - 12mm. The system allows for normal as well as continuous machining.

The new Boehlerit grooving programme for heavy machining offers a high degree of stability, great penetration depth, precise and reliable positioning as well as a perfect choice of cutting geometries and grades, in line with the material to be machined.

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.

Press/media contact

Manuel Hofstadler

Mag.

Head of advertisement

Phone: +43 3862 300-586

Fax: +43 3862 300-793

E-Mail: manuel.hofstadler@boehlerit.com

Pictures

Abb. 1: Grooving programme for heavy machining

