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With KAPPAtec 55N, Boehlerit presents a stable and economical negative face milling system for optimum machining results

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New system products for processing steel, stainless steel and cast materials

With KAPPAtec 55N, the renowned tool manufacturer Boehlerit is launching a new and revolutionary face milling system onto the market. The innovative product is characterised by its stability, efficiency and effective cutting results and is ideal for machining common steel, stainless steel and cast iron materials. The Boehlerit face milling system offers a diameter range from 80 mm for Z04 to 315 mm for Z16 and comprises three different geometries (RK, MP, MM), which guarantee optimum machining results. The proven Boehlerit cutting material grades, including coarse and fine grain substrates as well as high-performance coatings for cast iron and stainless steel machining, guarantee the highest quality and durability.

A significant advantage of the face milling system is the ability to achieve high cutting depths of up to 9.5 mm, depending on the geometry of the indexable insert. Thanks to a special clamping screw (disc screw), changing the indexable inserts is simple and convenient, resulting in improved handling. Compared to the competition, the Boehlerit KAPPAtec 55N face milling system is characterised by a more stable design and a shim plate to reduce vibration and protect the insert seat in the event of insert breakage. The unequal spacing of the system contributes to a further reduction in vibrations and smooth machining. With a total of 10 cutting edges per indexable insert, the KAPPAtec 55N face milling system is extremely economical and enables cost-effective machining of workpieces in the field of medium and heavy-duty cutting. The robust design and high-performance properties make the system an indispensable tool for modern machining technology.

"With the new face milling system, we are setting new standards in machining technology," says Patrick Schwaiger, Product Manager Milling at Boehlerit. "Our customers can rely on the highest quality, stability and efficiency. The Boehlerit face milling system is the solution for all companies looking for maximum performance and productivity in their machining operations."

Press release

The company

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 800 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 Brucklacher Group, in which over 4,000 employees generate an annual turnover of around 450 million euros.

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Pictures

Abb. 1: KAPPAtec 55N from Boehlerit is characterised by its stability, efficiency and optimum cutting results and is ideal for machining common steel, stainless steel and cast iron materials.

