

**Boehlerit GmbH & Co.KG**

Werk VI-Straße 100

8605 Kapfenberg

Austria

Phone +43 3862 300-0

Fax +43 3862 300-796

info@boehlerit.com

## **Electro mobility – Boehlerit is behind it**

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Increasingly sophisticated vehicle concepts in electro-mobility require ever more complex but at the same time more flexible tooling solutions from component manufacturers. The Austrian carbide and tool manufacturer Boehlerit is addressing precisely this point and offers a comprehensive range of tool and grade solutions for the production of a wide variety of components. Adapted to the market requirements, a wide range of grades and production options are available, from tool blanks and ready-to-use tools to steel-tungsten carbide composites. The selected grades are characterised by high compressive strength, durability and wear resistance to abrasive raw materials.

### **A broad tool portfolio for the component production**

In addition to dies and punching tool blanks for the rotor, stator and contact production, Boehlerit offers hot cutting knives for the production of plastic granulate, perforated discs for pelletising, pelletising knife rollers for the production of plastic pellets as well as hot runner nozzles for the injection moulding of plastics. Die blanks for the production of powder metallurgical parts or magnets and ultrasonic knives for cutting carbon are also available. The carbide professional is also the right partner in the production of various gear components. For this purpose, special hob cutters as well as bar cutters with rake face are also in the range. Flow-hole drills to join lightweight components, ironing rings for the production of battery casings and ultrasonic knives for carbon cutting round off Boehlerit's wide range of carbide tools.

Due to decades of experience, continuous further development of production processes and state-of-the-art production facilities, Boehlerit is also able to meet special customer requirements and requests. Particularly strict dimensional controls and the monitoring of metallurgical parameters guarantee consistently high product quality. Combined with broad application know-how, you are in the best hands with Boehlerit.

## 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](mailto:manuel.hofstadler@boehlerit.com)

Pictures

**Abb. 1:** Boehlerit offers a comprehensive range of tooling and grade solutions for the production of a wide variety of components for electromobility.

