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A fresh take on inside deburring

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Welded pipes with a longitudinal seam are frequently used for complex applications in different industries, for instance, the automotive or petroleum industry. To fulfil the complex requirements with regard to tensile strength and dimensional tolerance, the welding burr is often removed at the pipe production stage. The new Boehlerit internal scraper rings constitute the perfect solution for the clean and efficient deburring of welded pipes.

The Boehlerit internal scraper rings offer a range of benefits, guaranteeing economic efficiency, precision and outstanding performance throughout. The internal deburring tool is suitable for multiple uses due to its adjustable blade. It also comes with an optimised cutting geometry and top-of-the-range coating for extended tool life and tight dimensional tolerances on the finished pipe.

The Boehlerit internal scraper rings are compatible with the most frequently found tool systems for cutting rings on the market and with the standard dimensions for pipes with a diameter from 12mm to 130mm (cutting ring diameter of 6mm - 50mm), all available ex-warehouse. In addition, Boehlerit, in cooperation with Ernst Blissenbach GmbH, offers mechanical scarfers for the removal of internal welding beads, with or without integrated notching wheels, as well as other internal deburring tools for pipes. All of them ideally complement the Boehlerit tool systems for the machining of welding seams, threads and pipe ends as well as the deburring of welding beads.

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

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Pictures

Abb. 1: Boehlerit internal scraper rings

