



- we prefer the optimum –

Evolving since 1884 – Emil Bröll GmbH & Co.KG

2024: BRÖLL develops the next generation of oiling systems—for every yarn type, every material, and every textile application.

2022: Dispersion ceramics (ZTA, ATZ) expand our manufacturing capabilities, enabling even more application-specific solutions.

2018: After nearly 20 years, BRÖLL launches a new generation of OE draw-off nozzles for innovative yarns - including recycled fibers.

2016: More than 100 component designs and over 1,000 ceramic parts are manufactured using our 3D printing technology and put into service.

2013: Additive manufacturing of prototypes and small production runs in high-purity alumina (α -Al₂O₃) and other oxide ceramics becomes a standard manufacturing process at BRÖLL.

2012: Ultra-low-friction ceramic components from BRÖLL set new standards for textile fiber production.

2011: Start of series production for aerodynamically optimized interlacing jets in alumina, featuring polished radii below 0.03 mm - approximately half the diameter of a human hair.

2010: Our smallest ceramic component—made from 99.99% alumina - weighing only 2.3 mg. BRÖLL expands into high-precision industrial applications.

2009: 125 years of BRÖLL. Even in difficult times, we continue to grow. Mg-stabilized zirconia components enter high-volume production.

2007: Micron-precision bore geometries (circular, elliptical, laval etc.) and edge quality make our interlacing jets ready for series production.

2006: More than 100,000 zirconia dental blanks are produced for the dental industry, while production of complex ceramic interlacing jets for the global textile industry continues to expand.

2005: Our ceramic injection molding (CIM) production line begins series manufacturing with ceramic interlacing jets for high-elasticity synthetic fibers.

1999: BRÖLL designs and commissions a fully integrated manufacturing line for advanced ceramics: from powder to finished component.

1991: BRÖLL installs a production line for OE spinning rotors operating at speeds of up to 150,000 rpm and begins manufacturing support disc blanks.

1884: The officially recorded founding of Emil BRÖLL. It all began with temples for weaving machines. We've been improving them ever since.