

Global Corporate Communications

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From smartphone alarms to knee implants: One Day with DMG MORI

High-precision manufacturing technology for modern everyday life

Munich. From April 20 to 24, 2026, DMG MORI will showcase the ubiquitous yet often invisible role of precision technology at the Hannover Messe in a special format under the motto "One Day with DMG MORI." At its booth in Hall 27, Booth A36, the company will demonstrate how frequently people come into contact in everyday life with products whose manufacture is based on state-of-the-art production. The focus of the trade fair presentation is on illustrating the development of process solutions for demanding key industries such as aerospace, mobility, and medical technology through the holistic Machining Transformation (MX) strategy.

"One Day with DMG MORI": A day full of high-tech

Using a typical daily routine, the exhibition booth demonstrates how DMG MORI technologies enable the quality, reliability, and innovation of modern products. The journey begins in the morning and takes visitors through various scenarios from our everyday lives:

The Morning: The day begins with the smartphone's alarm. Its microchips can only be manufactured using highly precise components for EUV lithography. In the bathroom, products like toothbrushes and hair dryers are shaped using precise injection molds.

Throughout the day: Whether in a car equipped with a complex engine block or in an airplane whose safety depends on heavy-duty turbine and fan discs—mobility relies on precision. In public transit as well, such as in a tram, robust clutch components ensure smooth operation.

Leisure: In our free time, efficiently manufactured bicycle pedals enable athletic activities, while precision-engineered golf clubs ensure a perfect game. In the field of medical technology, custom-fit knee implants restore quality of life.

After Work: In the home, appliances like vacuum cleaners do their job thanks to precision-engineered impellers. Even in consumer electronics such as televisions or toys like the classic Bobby Car, the production of precision-molded parts is crucial.

These examples shed light on what often happens behind the scenes: technological solutions that are indispensable to manufacturing.

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From concept to finished product: The MX strategy as the foundation

As diverse as these products may seem in everyday life, their creation follows a common principle: a precisely coordinated process chain. DMG MORI makes this complexity manageable. With Machining Transformation (MX), the company combines process integration, automation, Digital Transformation (DX), and Green Transformation (GX) into a holistic manufacturing concept.

At the DMG MORI booth, you can see for yourself just how deeply modern manufacturing technology is embedded in everyday life:



Precision for a better quality of life: An artificial knee joint manufactured on a DMG MORI machine tool. The highest level of precision and a perfect surface finish are crucial for the implant's biocompatibility and durability.

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Precision for everyday life: The mold for the mass production of toothbrushes, manufactured on a DMG MORI machine, clearly demonstrates how high-tech manufacturing makes everyday bathroom products possible.



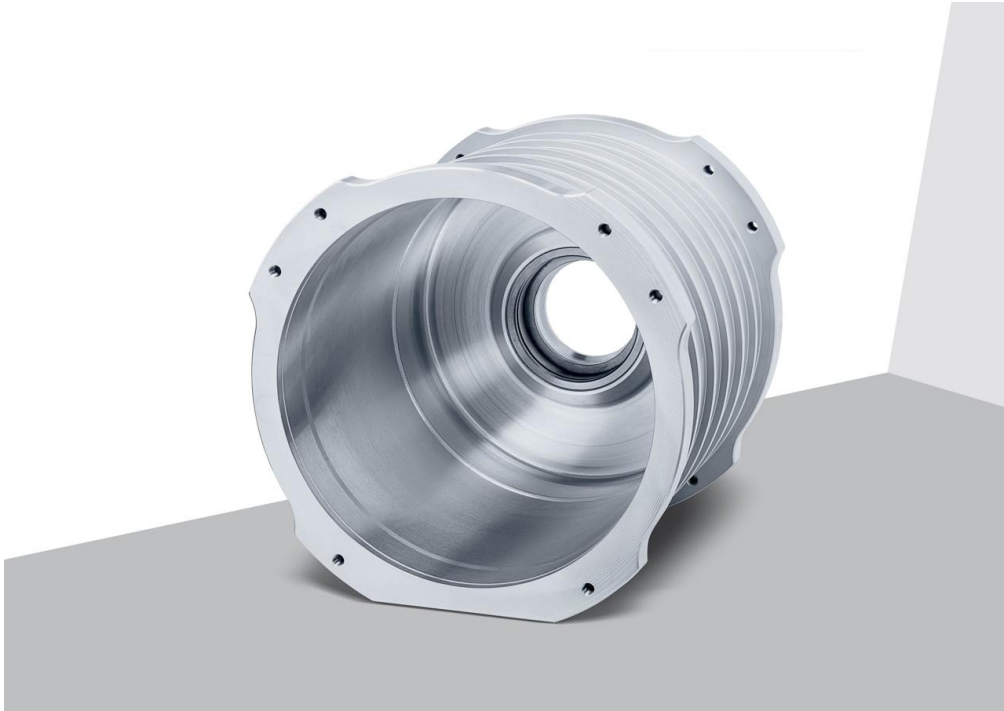
For a flawless design in the living room: a high-precision injection mold for a TV housing. Manufactured on a DMG MORI DMU 65 5-axis milling machine, it ensures perfect surfaces and precise fit.

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Powering tomorrow's mobility: An aluminum electric motor housing that serves as a key component in electric vehicles. Manufacturing this complex geometry requires the highest precision, which is ensured by DMG MORI's machining solutions.



A heavy-duty fan disk for an aircraft engine: precision-machined on a DMG MORI DMU 125 5-axis machine. For this component, the highest material integrity and absolute dimensional accuracy are critical to safety and efficiency in the aerospace industry.