

Media Release

Biel, Switzerland
April 2022

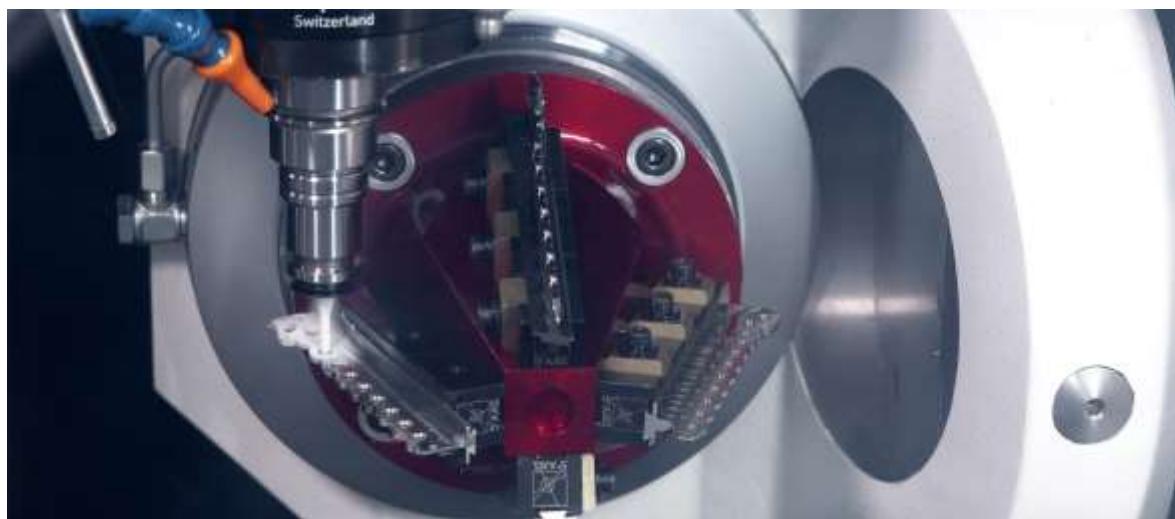
Webinar on supercritical CO₂ milling for medical devices

To show how supercritical CO₂ milling can help medical device manufacturers meet their challenges, GF Machining Solutions, together with Kompetenzzentrum für Spanende Fertigung (KSF), located in Tuttlingen (Germany), will have a joint webinar on 5 May 2022 (3 p.m. – 4 p.m. CEST).

The use of super-critical CO₂ as a coolant for milling has generated considerable interest in recent years due to the efficiency gains this technology can create, especially for medical device manufacturing. The technology is considered a potential game changer for efficient milling. Over the last months, KSF and GF Machining Solutions have collaborated for the research on supercritical CO₂ milling through the use of a Mikron MILL S equipped with a supercritical CO₂ cooling system.

During the webinar Prof. Dr.-Ing. Bahman Azarhoushang, Director of KSF, will present the results from the latest trials, where supercritical CO₂ milling has shown improvements in material removal rates, tool life, surface finish and surface micro-hardness. Erik Poulsen, Medical Segment Manager at GF Machining Solutions, will speak about innovative solutions for individual and series production of medical devices. The webinar will be followed by a live Q&A session.

To learn more on the webinar or to register directly click here:
[Registration \(gotowebinar.com\)](http://gotowebinar.com).



In the latest trials performed by GF Machining Solutions and KSF, supercritical CO₂ milling has shown improvements in material removal rates, tool life, surface finish and surface micro-hardness.

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Profile of GF Machining Solutions

GF Machining Solutions is one of the world's leading providers of complete solutions for precision components and tools manufacturers and the mold-making industry. The portfolio includes milling, EDM, laser texturing, laser micromachining, and additive manufacturing machines. Additionally, the division offers spindles, automation, tooling, and digitalized solutions backed by unrivaled customer services and support. With its solutions, the division advances energy-efficient and clean manufacturing. GF Machining Solutions is a globally acting Division of the Georg Fischer Group (Switzerland) and maintains a presence at 50 locations worldwide. Its 3,282 employees generated sales of CHF 873 million in 2021. More information can be found at www.gfms.com.

