**Preliminary Report EMO Hannover 2025**

**Threading with chip breaking**

At EMO 2025, Horn is expanding its Supermini system with sintered geometries to include a variant for turning threads. The GM geometry is suitable for turning metric ISO internal threads in partial profiles. The chip breaker geometry generates short chips, even with difficult-to-machine and long-chipping materials. This reduces the risk of chip jamming, prevents chips from wrapping around the tool holder, and thus increases process reliability. In addition, the chip breaker facilitates chip control. The inserts are suitable for producing metric internal threads in a core hole diameter of 5 mm (0.197") and above, in pitch sizes from 0.5 mm (0.028") to 1.5 mm (0.060"). The standard turning holders of the Supermini system are suitable as tool holders.

Horn will be showcasing pure machining on 580 square metres in Hanover. Four machines, four exciting components, a wide variety of tool solutions – live in action and cutting chips throughout the entire exhibition. In addition, Horn will be displaying numerous exhibits, tool solutions and innovations for 2025. "I am convinced that a visit to EMO will be worthwhile for our customers and interested parties – we will be presenting machining at the highest level” says Markus Horn, managing director of Paul Horn GmbH. "In my opinion, the best results are achieved through dialogue, and EMO offers the ideal platform for this. Visit us in Hall 5, Stand A32."

*1.416 characters incl. spaces*



photo caption: The GM geometry is suitable for turning metric ISO internal threads in partial profiles.

Source: Horn/Sauermann

Contact person for enquiries:

Hartmetall-Werkzeugfabrik Paul Horn GmbH

Christian Thiele

Press Officer

Horn-Straße 1, 72072 Tübingen

Tel.: +49 7071 7004-1820, Fax: +49 7071 72893

Email: [Christian.Thiele@de.horn-group.com](mailto:Christian.Thiele@de.horn-group.com), [horn-group.com](http://www.horn-group.com)