**AMB Stuttgart**

**13 – 17 September 2016**

**Hall 1 | Stand 1I16**

**Modular thread whirling system**

Horn thread whirling technology is the efficient and cost-effective way to produce single and multi-start external threads and profiles using type M271 six or nine-insert tools. Given the extremely short machining times, thread whirling on Swiss-type lathes offers significant advantages over threading. With its base carriers and ring cassettes, the newly developed modular tool system offers customers a multitude of combination options that are tailored to the various Swiss-type lathes and drive units available on the market. The S271 high-precision system allows customers to choose between conventional whirling with six or nine indexable inserts per ring cassette or the new Horn turbo whirling method, which uses nine indexable inserts per ring cassette (three of which are roughing inserts and six of which are finishing inserts). The tool configurator on the Horn website makes it really easy to find the right machine/drive unit and tool combinations. The right cutting data is also provided thanks to the new HCT cutting data calculator, which can also be accessed via the Horn website.

*1,129 characters incl. spaces*

**Image caption:**



**Image 1:** Modular design for flexibility during thread whirling.

**Image credits:** Paul Horn GmbH, Nico Sauermann

Text and further information:

Hartmetall-Werkzeugfabrik Paul Horn GmbH, Mr Christian Thiele

Unter dem Holz 33-35, 72072 Tübingen, Germany

Tel.: +49 (0) 7071 7004-1602, Fax: +49 (0) 7071 72893

E-mail: [christian.thiele@phorn.de](mailto:christian.thiele@phorn.de), [www.phorn.de](http://www.phorn.de/)