**AMB Stuttgart**

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**Hall 1 | Stand 1I16**

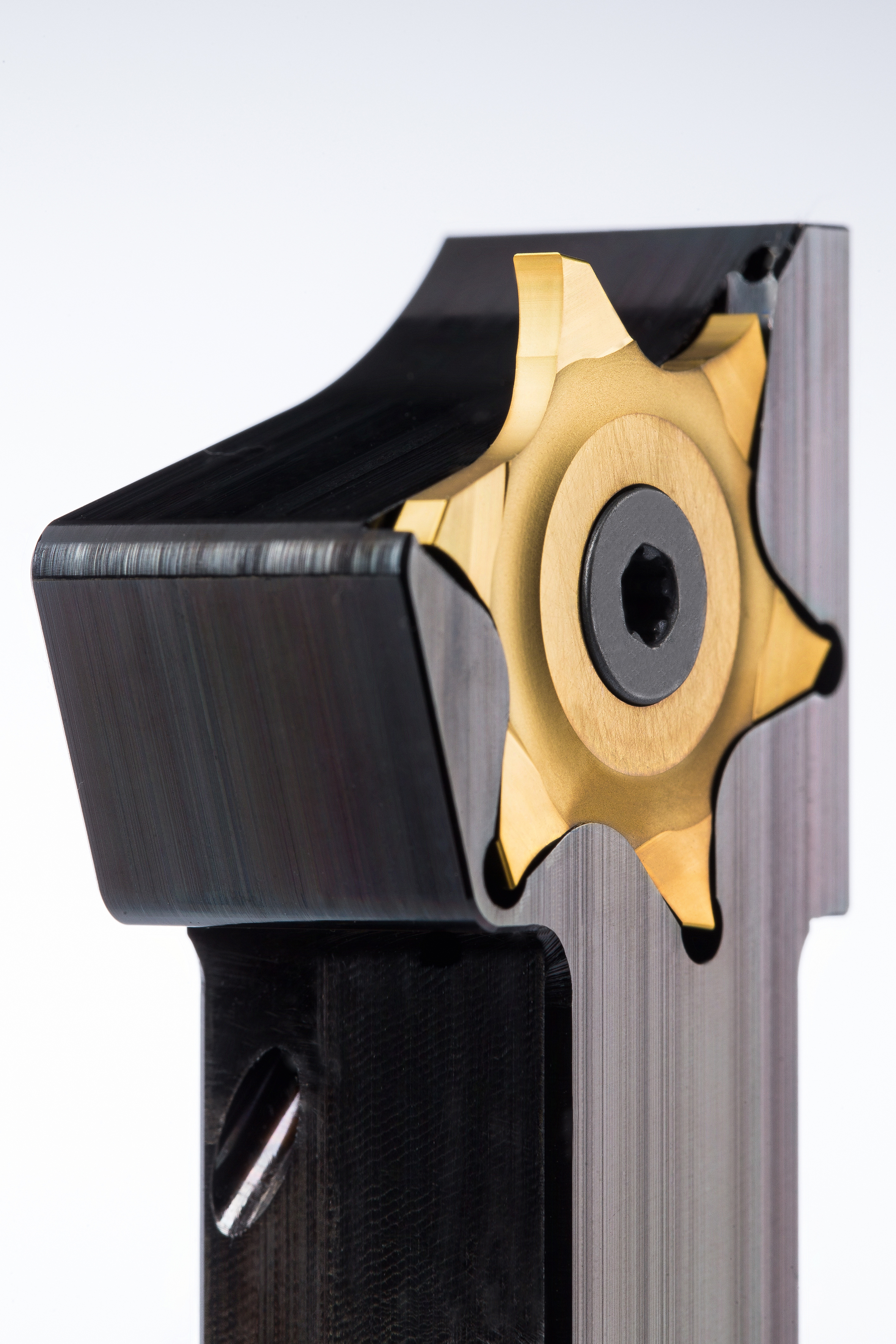
**New six-tooth cutter with brand-new high-performance coating**

The 64T six-edged grooving insert is the latest addition to the Horn grooving range. The type 64T insert is precision sintered and is currently available with a grooving width of up to 3.29 mm (0.1295") in the .00. geometric shape. As a neutral grooving insert, it can be used on either the left or the right in square shank holders with internal cooling. The holders measure 16 mm x 16 mm (0.6299" x 0.6299"), 20 mm x 20 mm (0.7874" x 0.7874") or 25 mm x 25 mm (0.9843" x 0.9843"). An adequately dimensioned clamping screw holds the grooving insert precisely, keeping it central in the insert seat and ensuring a high level of process reliability. The type 64T insert supports grooving depths of up to 3.5 mm (0.1378") and a maximum workpiece diameter of 65 mm (2.5591). The new EG55 high-performance coating grade considerably improves the tool life and makes the grooving insert the perfect all-rounder for machining all types of steel as well as a wide range of other materials.

The following application areas are being catered for initially:  
– Grooving and parting off for groove widths of 1.0 mm (0.0393") and 1.5 mm (0.0591")  
– Circlip grooves acc. to DIN 471/472 with groove widths of 0.57 (0.0224") to 3.29 mm (0.1295")  
– Grooving using full radius inserts with radii of 0.5/0.6/0.8/1.25/1.5 mm (0.0197"/0.0236"/0.0315"/0.0492"/0.0591")

*1,405 characters incl. spaces*

**Image caption:**



**Image 1:** The new 64T grooving insert.

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

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