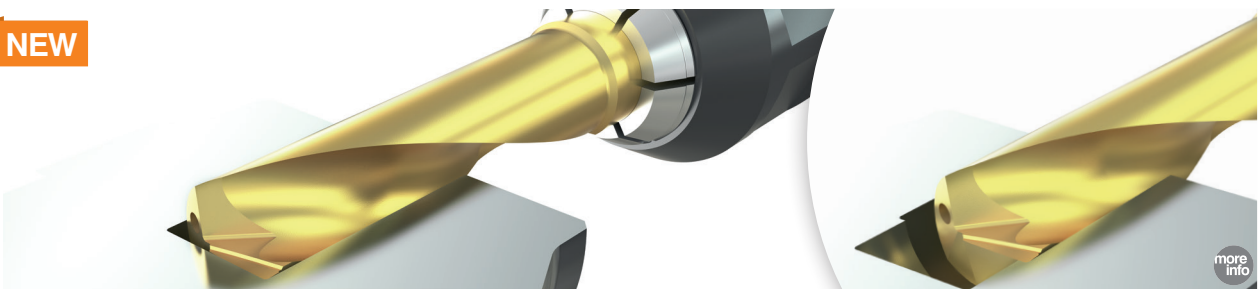


Discover our new products and selected highlights at the EMO Hannover 2017

NEW

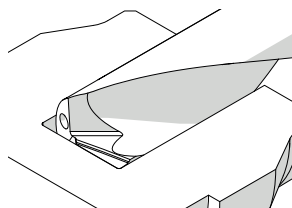


Machining of bores in full material and boring of existing bores with one tool!

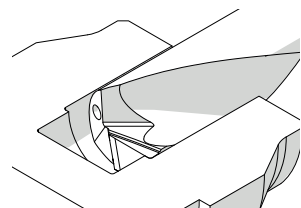
SIMTEK has added new multifunctional tools for the machining (1) and boring (2) of bores with one insert to the product group simturn® AX. Therefore, the necessity of a tool change is eliminated, leading to a significantly increased productivity. Optimum chip evacuation thanks to the inserts helical shape and coolant supply through the insert.

- Producibile bore diameter: 3,7 mm – 8,0 mm
- Maximum bore depths up to 25,0 mm
- Boring with projection lengths up to 30,0 mm

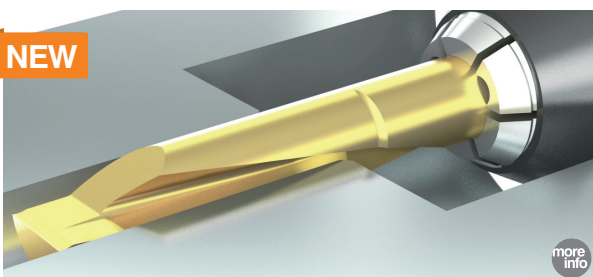
1 Machining of the bore



2 Boring of the bore



NEW



New boring inserts for improved chips evacuation in bores with restricted space

In order to prevent chip control problems during boring applications in bores with restricted space, SIMTEK has optimized its simturn® AX boring inserts.

- New laterally placed chip flute for improved chips evacuation
- A special chip former to optimize chip control
- Centered cutting edge position to improve cooling supply
- Available in the sizes A04, A05, A06 and A07

HIGHLIGHT



New slot milling from SIMTEK offers higher feeds and increased stability

The new simmill® M4 slot milling system consists of precision ground three-edge cutting inserts and double row disc-milling cutters or milling cutters. The precision ground inserts and the optimized mounting ensure precise radial and axial runout.

- Higher feed capabilities, thanks to an optimized stability
- Max. milling depth up to 14,0 mm with a cutting diameter of 63,0 mm
- Max. milling depth up to 70,0 mm with a cutting diameter of 200,0 mm
- Cutting edge widths between 6,0 mm and 12,0 mm