

**SIMTEK at the AMB in Hall 3, Stand C36:
New main catalog with numerous innovations on almost 800
pages**

**PRESS
RELEASE**

3D-lasered chip forming geometries become part of the new main catalog

Mössingen / Stuttgart AMB 2024 - After five years of intensive research and development, SIMTEK Präzisionswerkzeuge GmbH now offers high-precision turning tools with 3D lasered chip forming geometries in its standard range. While these tools were previously only available on individual customer request, they are now also available as standard tools in the new main catalog.

In addition to the 11,000 standard tools listed in the catalog, SIMTEK develops several thousand individual tool concepts every year. The vertical range of manufacture achieved over decades covers the entire value creation process from the blank to coating on the company's own systems. SIMTEK's innovative strength is most recently reflected in the new 3D lasered chip forming geometries offered for tools in the *simturn* product family. These have proven themselves in numerous individual projects and, according to the manufacturer, offer the most effective and economical solution for optimum chip control under difficult conditions or special challenges.

Norbert Seifermann, CEO of SIMTEK AG, emphasizes: "With our new 3D laser technology, we ensure optimal chip control and, in addition to the mechanical engineering, automotive, aerospace and medical technology industries, support wherever process reliability and long tool life are of the utmost importance. By AMB, we will have added around 180 variants of these tools for different applications and materials to our standard range. This means that customers will be able to order them quickly and easily via the new SIMTEK main catalog, which will be published in parallel to the trade fair."



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Almost 800 pages of concentrated tool expertise

The new SIMTEK main catalog will be published in September 2024 and will be available in both digital and printed form (see *link in info box*). On 770 pages, it presents over 11,000 SIMTEK standard tools for the highest requirements, which can also serve as the basis for customized tool solutions. 57 newly added lasered chip forming geometries for bore machining, grooving and longitudinal and profile turning are included. In the future, the standard range will be continuously expanded to include further tools with 3D lasered chip forming geometries.

More news in the main catalog

In addition to the wide range of standard tools with 3D lasered chip forming geometries, the new SIMTEK main catalog also offers numerous other innovations. SIMTEK is expanding its simmill 9W tool system with a new size that can work from a diameter of 28.0 mm as standard. The simmill 9W tool system combines the advantages of modular tools with benefits that were previously reserved for monoblock tools. SIMTEK is also presenting a system for axial grooving with high grooving depths in relatively small diameters. SIMTEK CEO Norbert Seifermann concludes: "We will be at AMB in Stuttgart from 10 to 14 September and look forward to convincing trade visitors of our entire range in person at our stand C36 in hall 3."

((Infobox))

- ***SIMTEK at the AMB in Stuttgart, 10-14.9.2024, Hall 3, Stand 3C36***
- ***Request the new SIMTEK main catalog 2024 or download it as a PDF at: <https://www.simtek.com/DE-de/unternehmen/downloads/SIMTEK-HauptkatalogR25DE>***

((Infobox end))



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((pictures))

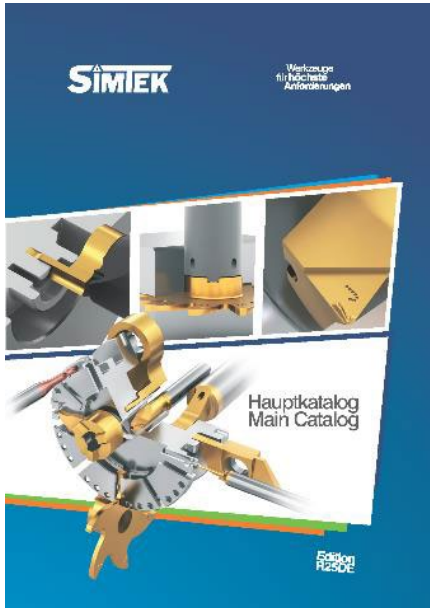
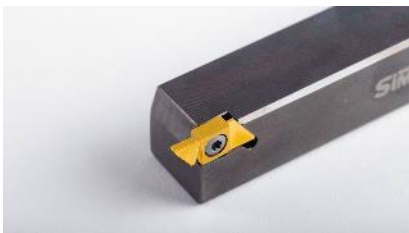
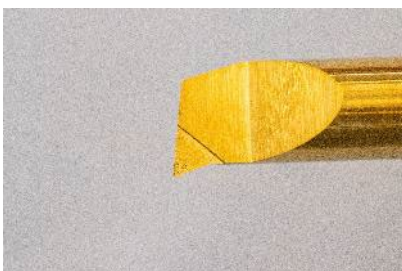


Figure 1: The new SIMTEK main catalog R25DE (Copyright SIMTEK AG)
Caption: The new R25DE main catalog is now available digitally and in print.
Image download: http://www.pr-x.de/fileadmin/download/pictures/SIMTEK/PI_AMB_24_Spangeometrien/SIMTEK-Hauptkatalog-R25DE_1.png



Picture 2: SIMTEK exhibition stand (Copyright: LÜCO Internationaler Messebau Süd-West GmbH)
Caption: SIMTEK at the AMB in Hall 3, Stand C36: For the first time, the experts from Mössingen are presenting their range of tools with 3D lasered chip forming geometries to the specialist public. A large selection is now also available in the new main catalog.
Image download: http://www.pr-x.de/fileadmin/download/pictures/SIMTEK/PI_AMB_24_Spangeometrien/Stand_SIMTEK.jpg



SIMTEK

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Fig. 3-5: simturn AX, KX, DX with lasered chip forming geometry (Copyright SIMTEK AG)

Caption: For improved chip control and increased process reliability: Complex 3D-lasered chip forming geometries are now also part of the standard range of the *simturn* tool family and thus part of the new SIMTEK main catalog.

Image download: http://www.pr-x.de/fileadmin/download/pictures/SIMTEK/PI_AMB_24_Spangeometrien/simturnAX_Spangeometrie_Makro1.jpg
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About SIMTEK

Founded in 1994, SIMTEK Präzisionswerkzeuge GmbH, a central part of the SIMTEK Group, employs almost 600 people worldwide at six production, sales and logistics locations and is present in 48 markets around the globe. The tool specialist, headquartered in Mössingen, Swabia, develops, manufactures and sells carbide precision tools of the highest quality and performance. The extensive standard range currently includes around 11,000 tools for grooving, turning, circular milling, grooving, thread whirling and polygon milling. Tools for machining bores with a minimum diameter of 0.3 mm are just as much a part of the standard range as highly complex, multi-row side milling cutters with a diameter of 200 mm. Thousands of successful customer-specific individual tool developments are evidence of our extensive development expertise.

The SIMTEK Group also includes Kaestner-Tools GmbH, a specialist in high-performance rotary tools that impress with their precision, performance and process reliability. The tool portfolio includes drills, countersinks, reamers and milling cutters as well as special and combination tools.

Further information can be found at: www.simtek.com

Proof requested for reprints



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