



CUTTING TOOLS

Ceramic Wear Protection for Tools

Ceramic wear protection for tools

In a cutting tool, it is not only the cutting insert that wear out. The clamping fingers and even the tool holders can also wear. Wear is caused by the impact of chips on the tool. If the clamping finger is affected, SPK has been offering suitable solutions for a long time. Be it a hard material coating on the clamping finger or a clamping finger made of a correspondingly resistant material, e.g. carbide. If the tool holder itself is affected by wear caused by flying chips, SPK Cutting Tools has an effective solution: ceramic wear protection. CeramTec's ceramic expertise makes it possible to produce any contours and precisely fitting ceramic wear protection using additive manufacturing, i.e. 3D printing. High-strength silicon carbide ceramics are used for this. This enables SPK to produce wear protection tailored to the application and the tool holder.

Equipping a tool holder with ceramic wear protection is an economical solution for special tools or even standard tools if they are used in large-scale or mass production and are subject to high wear caused by chips.



Tool holder without wear protection



Tool holder with wear protection

Tools with ceramic wear protection are available on request.
Our sales representatives will be happy to answer your questions.
Please contact us at info@spk-tools.com



SPK Cutting Tools
by CeramTec GmbH · Hauptstraße 56 · 73061 Ebersbach / Fils, Germany
Phone: +49 7163 166-239 · info@spk-tools.com · www.spk-tools.com

To the SPK website

