

Standard and highly complex PCD special tools

Guhring's PCD tool range includes drills, milling cutters and reamers, as well as tools with interchangeable inserts. Additionally, Guhring develops, designs and produces customer specific special tools for highly complex machining tasks. Some examples are PCD-tipped finishing reamers for the machining of valve seats in the automotive industry, or combination tools enabling different machining operations with one single tool.



PCD and diamond coated carbide end mills and routers are well suited for machining abrasive materials that are common in the aerospace industry. Carbon fiber reinforced polymers (CFRP composites) are lightweight and high strength materials but their woven fibers and multi-layer construction are challenging for traditional cutting materials. The Diamond-Tech line of milling cutters offers a solution for these specialized applications. Guhring also designs and builds application specific cutters for CFRP and other composite materials.

