

Innovative Tool Concepts for Modern Lightweight Materials

Lightweight materials such as CFK or sandwich structures pose new challenges to machining. New machining strategies, tools and innovative technologies for quality assurance are required. Economical machining is only possible with acute knowledge of these materials, machining as well as machine periphery.

CFK, GFK, Aramide/Keflar, Honeycomb, plastics and CFK-metal-layer compounds.

The high quality tools feature specially developed substrates, an innovative cutting geometry and diamond and PVD layer system specific to the machining needs.

Preventing delamination, burr build-up or excess filament at the component are in focus of the tool design. High positioning and diameter exactness are possible in drill machining through coordinated grinding and coating processes.

Even in case of extremely abrasive materials, our innovative tools guarantee long life cycles at constant component quality.

If you are looking for new, innovative tools for modern light weight material machining, such as for CFK/GFK or Honeycomb, we will deliver high-end solutions of the highest quality.

Your Advantages

- + No delamination or excess filaments
- + High life cycle
- + Multi-functional tool systems
- + Regrinding services
- + Tailor made solutions for hybrid materials
- + Changing head systems for high economic efficiency
- + Customer specific tool systems

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Thanks to our air-conditioned production area with modern CNC tool grinding machines and our own in-house coating we are able to deliver to our customers quickly, individually and at highest quality.

Customer specific tool development and application consulting belong to our services.



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