

VERY BIG IN SMALL

Newly developed micro cutting tools also for CFRP-/ GRP applications

HP Tec GmbH located in Baden-Wuerttemberg produces micro cutting tools in the nominal diameter range of 0.05 – 7.00 mm. For the processing of CFRP and GRP materials HP Tec has now developed its new tools – MCT (Micro Cutting Tools).

HP Tec has been developing competence in the field of micro tools for the printed circuit board industry for more than 40 years in a determined and user-oriented manner. Proudly, the company based in Ravensburg nearby Lake of Constance refers to be the market leader in Europe in this area.

Multi-purpose fit

The market outside the printed circuit board has become more and more important for several years. HP Tec strongly extended the segment of Micro Cutting Tools (MCT) accordingly. It includes the diameter range from 0.20 to 6.00 mm; specially adapted tool geometry ensures an efficient processing. The processing of CFRP/GRP materials as well as plastics, aluminum, copper/brass, graphite and high performance materials for the dental sector is possible with and without cooling system. HP Tec offers the roughing and finishing tools with and without coating.

Customers have several advantages:

- clean and burr-free cutting edges
- routing and drilling without delamination
- minimal bond of chips at tool and component (improved chip transportation)
- high lifetime
- trimming in only one operation
- highest process stability in the mass production

Precision with tradition

Since the beginning of this year, HP Tec is a member of the Carbon Composites e.V. (CCeV) and was also exhibiting at the Experience Composites in September in order to present the newly developed products.

HP Tec has more than 40 years' experience in the processing of CFRP and GRP materials and therefore offers innovative geometry, lowest production tolerances and an overall quality check during the entire production process.



HP Tec presented its new product lines e.g. at the Experience Composites

Further information:

Michael Gründler,
Key Account Manager,
HP Tec GmbH, Ravensburg,
phone +49 (0)751/76 69-0,
sales@hptec.de,
www.hptec.de

