

PRESS RELEASE

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VDW

Press release images

Pressure for change is reaching manufacturers of abrasives and grinding tools



((01_Karpuschewski_IWT.jpg))

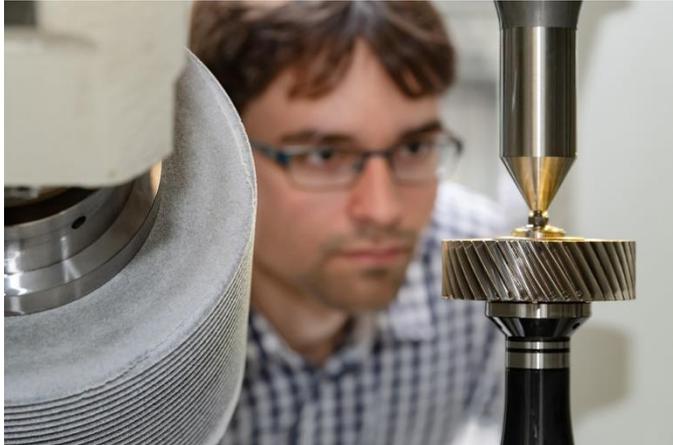
Prof. Bernhard Karpuschewski, Director of Production Engineering at the Leibniz Institute for Material-Oriented Future Technologies (IWT), sees a number of expanding new application areas for grinding technology. These application areas include, in particular, precision machining of composite materials, post-processing of additively manufactured components and the production of surfaces with maximum surface qualities.

(Photo: Leibniz-IWT)

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**((02_Verzahnungsfertigung_IWT Bremen.jpg))**

Basic and applied research is carried out at Leibniz-IWT with the emphasis on material-oriented, productive and resource-efficient design of process chains. The photo provides an insight into gear manufacturing.

(Photo: Leibniz-IWT)

**((03_Gerlitzky_Tesch.jpg))**

According to Dr. Georg Gerlitzky, Managing Director of Diamant-Gesellschaft Tesch GmbH, the biggest challenge at present is the handling of new material compounds for which grinding solutions have to be found at ever shorter time intervals.

(Photo: Diamant-Gesellschaft Tesch)

**((04 Produktion Tesch.jpg))**

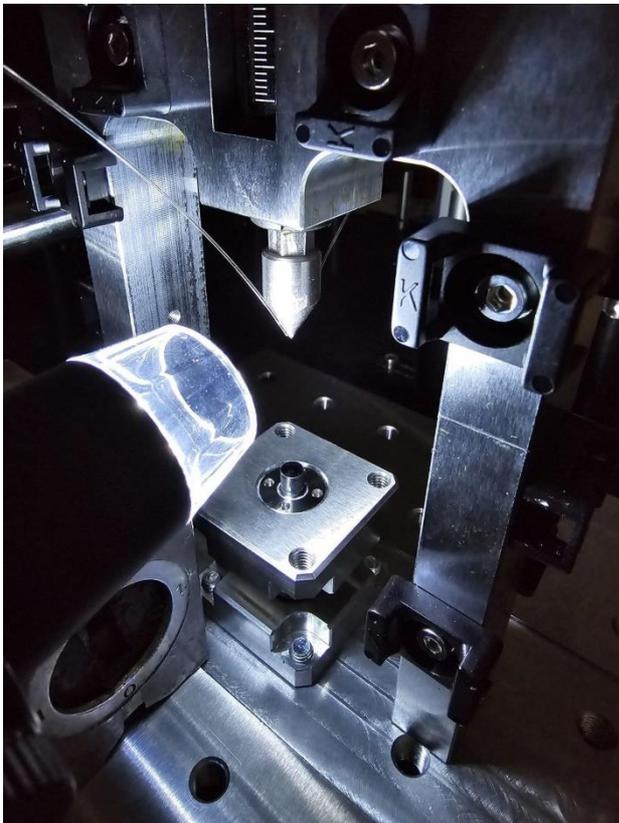
Diamant-Gesellschaft Tesch specializes in super hard materials. Highly qualified personnel with many years of experience are essential in order to satisfy individual customer requirements and support the process at the user company.

(Photo: Diamant-Gesellschaft Tesch)

**((05 Kipp_ISF Dortmund.jpg))**

The Institute of Machining Technology (ISF) at Dortmund Technical University is currently conducting a number of research projects with the emphasis on precision machining and alternative tool concepts. Dr. Monika Kipp, Head of the Grinding Technology Department, sees many advantages for both sides in partnership-based cooperation with small companies and large enterprises.

(Photo: ISF Dortmund)

**((06 Diamant_Druck_ISF Dortmund.jpg))**

Institutes can support industrial development work through basic research. The photo comes from the research environment of the Institute of Machining Technology (ISF) in Dortmund and shows an experimental set-up for load measurement of diamond and cBN abrasive grains.

(Photo: ISF Dortmund)