

One of the most important conditions for an efficient manufacturing process with accurate results are reliable quality tools especially designed and made for the particular application

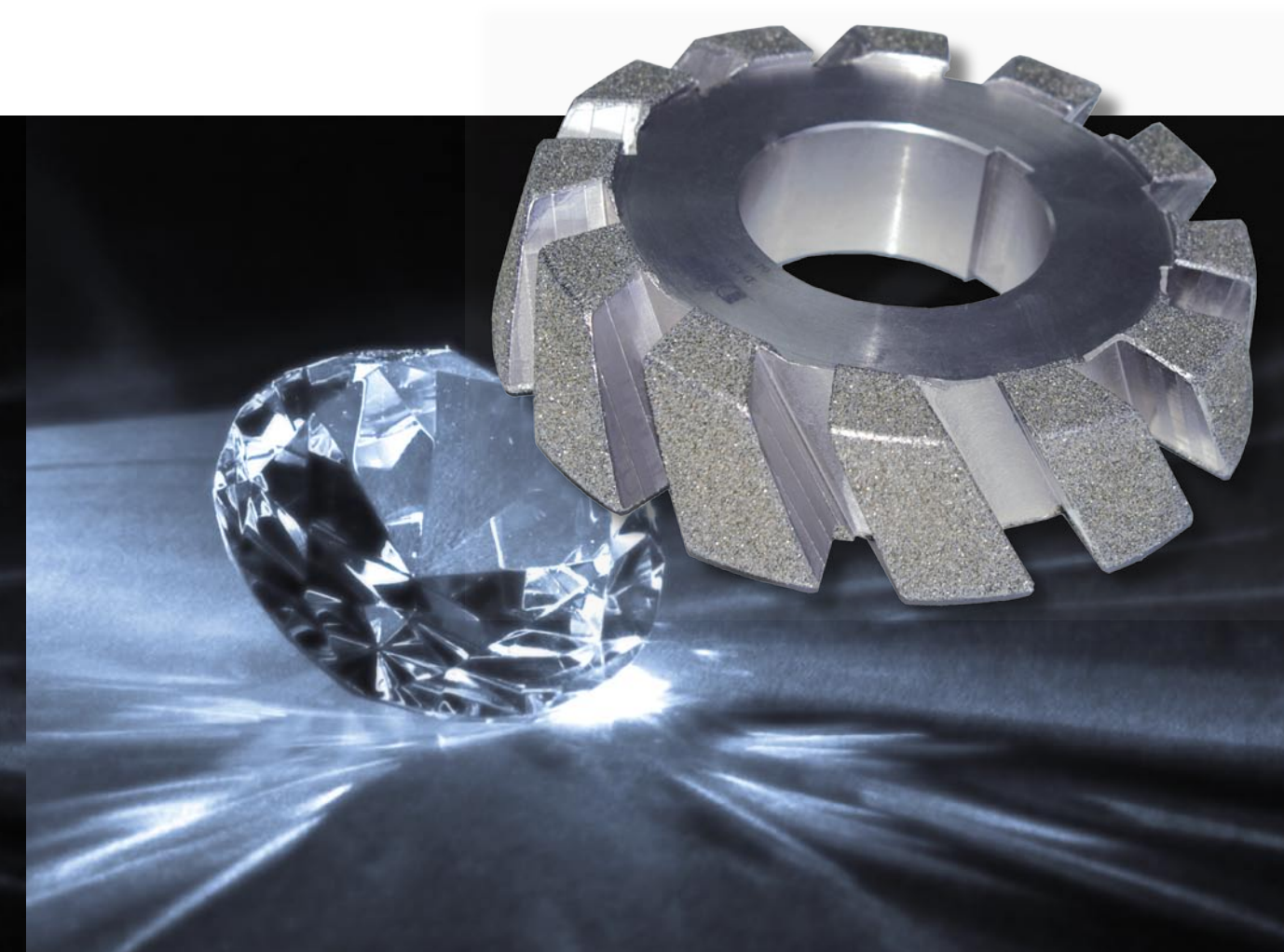
This applies to all different treatment processes like for wood, glass, steel, synthetics, and composite materials. One of the highest challenges is the handling of sand filled glass fibre reinforced plastics.

The DIT diamond tool series is qualified for long term performance under consideration of meeting rigorous tolerance chains.



Our service for you:

- Consultancy for solving your treatment issue by analysing your production process
- Proposals for design and quality of the tool by taking in consideration long life time and precise manufacturing tolerances
- Design the tool after technological clarity has been achieved
- Manufacturing of the base bodies
- Coating the tools with the correct embedded diamond particle size
- Delivery of high performance tools according your requirements
- Permanent coaching during your production process, analysis of all kinds of irregularities
- Recoating of used or worn off tools



Engineering and Sales (Export)



**GRP
Technique &
Service**

GRP Technique & Service
Hans-Jürgen Rother
Kyawstraße 24
D-01259 Dresden
GERMANY
Phone: +49 351 201 32 01 (- 015)
Mobil: +49 172 352 14 77
Telefax: +49 351 201 30 16
E-Mail: info@rother-office.de
Internet: www.gts-rother.de

Engineering, Manufacturing and Sales



DIT Diamanttechnik GmbH & Co. KG
Limbacher Straße 22
D-09353 Oberlungwitz
GERMANY
Phone: +49 3723 66 79 - 0
Telefax: +49 3723 66 79 - 20
E-Mail: info@dit-diamant.de
Internet: www.dit-diamant.de

**DIAMOND COATED TOOLS
HIGH PERFORMANCE**

DIT has been founded in 1982 as a centre of excellence for manufacturing of diamond coated tools.

DIT is working based on DIN ISO 9001. The brand DIT is registered and well known all over the world.

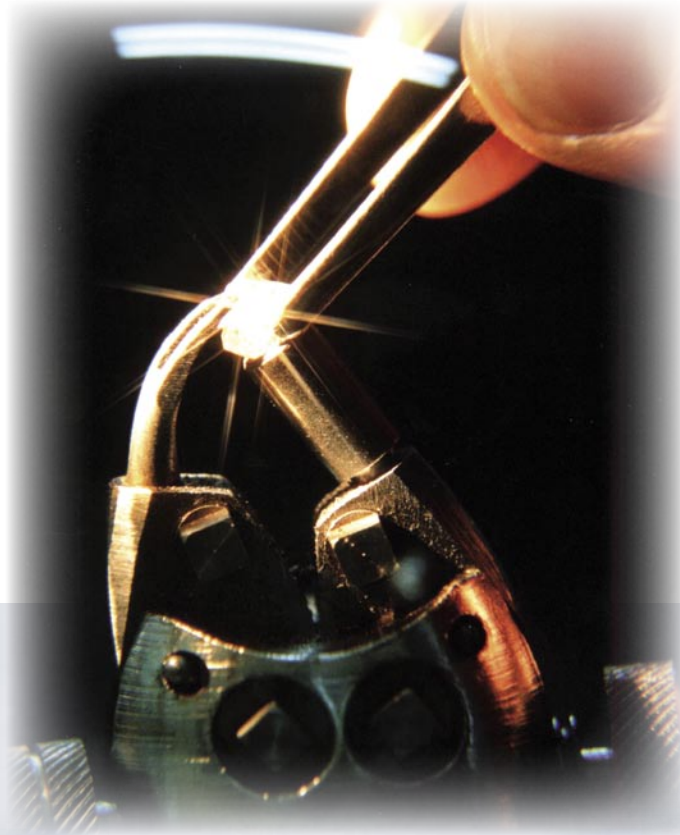
Our strength is the strong relationship to our clients which gives us feed back for continuous improvement. DIT is working together with relevant institutes and universities in order to incorporate latest recognitions of science and technology.



DIT is able to give you the process specific solution for electro plated diamond tools for all kinds of treatment like:

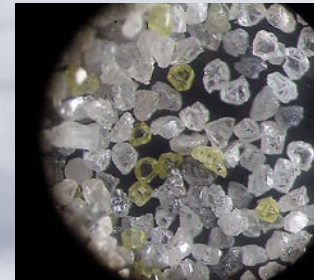
- steel
- heavy metal
- ceramics
- synthetics
- GRP (glass fibre reinforced plastics)

Please get in touch with us and ask for solutions and quotation.



Technical Specifics and our know how:

- All other designs and applications can be considered
- All types of planer diamonds belong to the standard product range
- 20 different mixtures of grit are available and apply according process needs
- Synthetic and natural grit is being used
- Selection of grit is depending on specific application in order to meet
 - temperature requirements
 - hardness
 - resistance against worn off
 - high efficiency requirements
 - manufacturing noise requirements
 - grinding dust removement
- Exact measures of the tools are influenced by the used grit (to be considered before final tool design)



Groove Wheels



Groove Wheel large (Design REKA)

- for Rubber Gaskets
- 190 x 49 x 76
 - 169 x 35 x 76
 - 163 x 25 x 76



Groove Wheel small (Design REKA)

- for Rubber Gaskets
- 84 x 14 x 40
 - 85 x 16 x 40



Groove Wheel for Stopper (Design REKA)

- small 77 x 12 x 40
- large 160 x 16 x 76

Chamfer and Calibration tools



Combined Tools

- ring 262 x 31 x 192
- wheel 250 x 155 x 45



Calibration Tools

- disc 150 x 5 x 18



Chamfer Wheel

- 150 x 15 x 76
- 71 x 13 x 40
- Chamfer angles according clients request

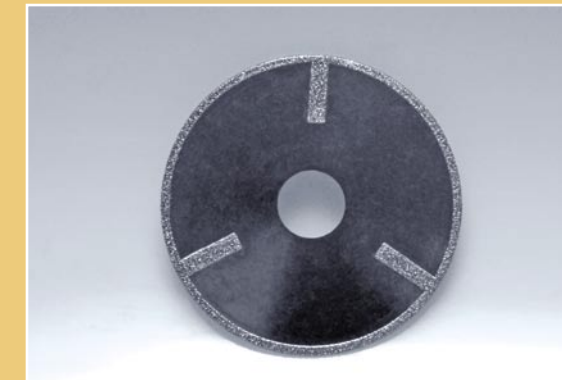


Saws



Continuous Rim Saws

- Diameters 100 – 500 mm
- bore sizes according customers' requests
- coated 3 mm down the sides



Side Spoke Saws

- Diameters 100 – 500 mm
- bore sizes according customers' requests
- 3 – 4 spokes on each side



Gulleted Saws

- Diameters 100 – 500mm
- bore sizes according customers' request
- coated 3 mm down the sides

Applications for several processes



Grinding Tools

- different shapes
- different bores



Calibration Tools

- different sizes
- puzzled tools



Hole Grinders & Pens

- different sizes
- water cooled

