



**foundry**

**SOLUTIONS/**

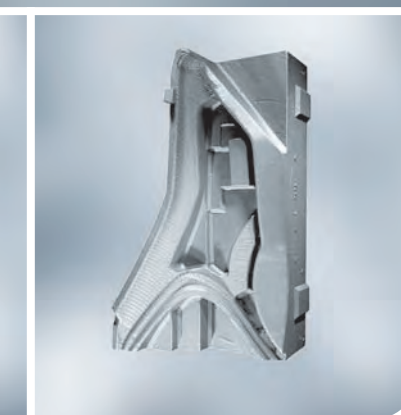
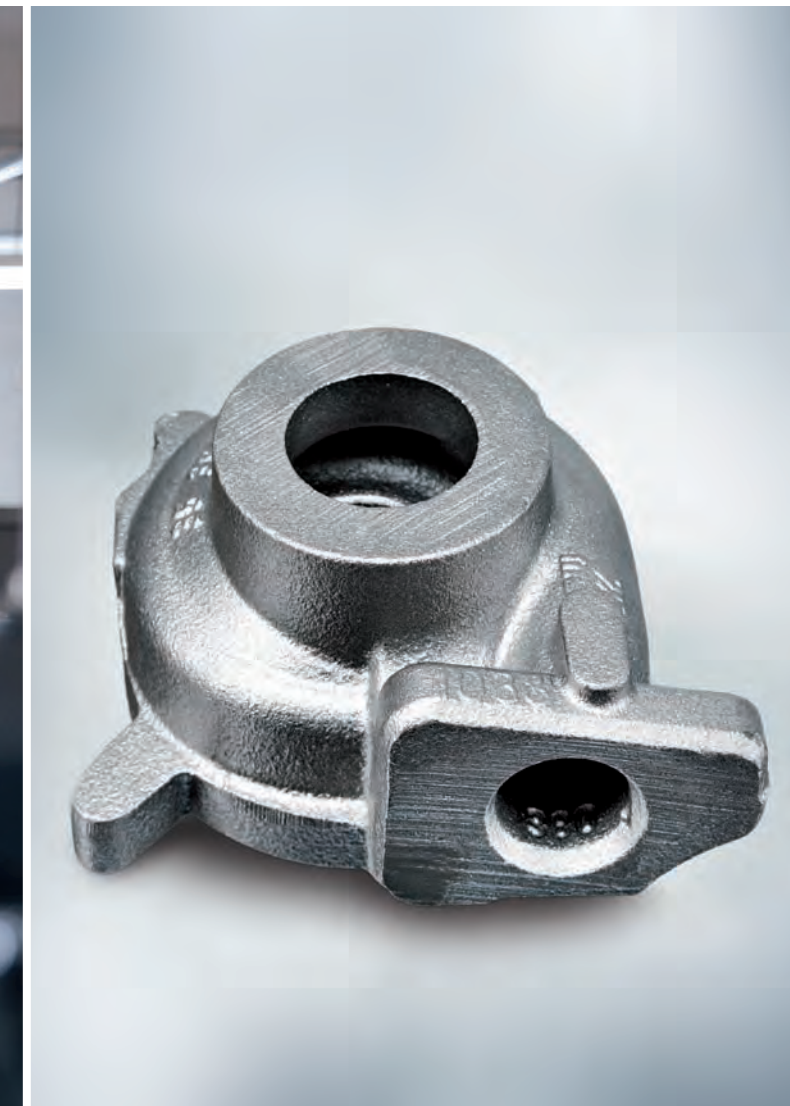
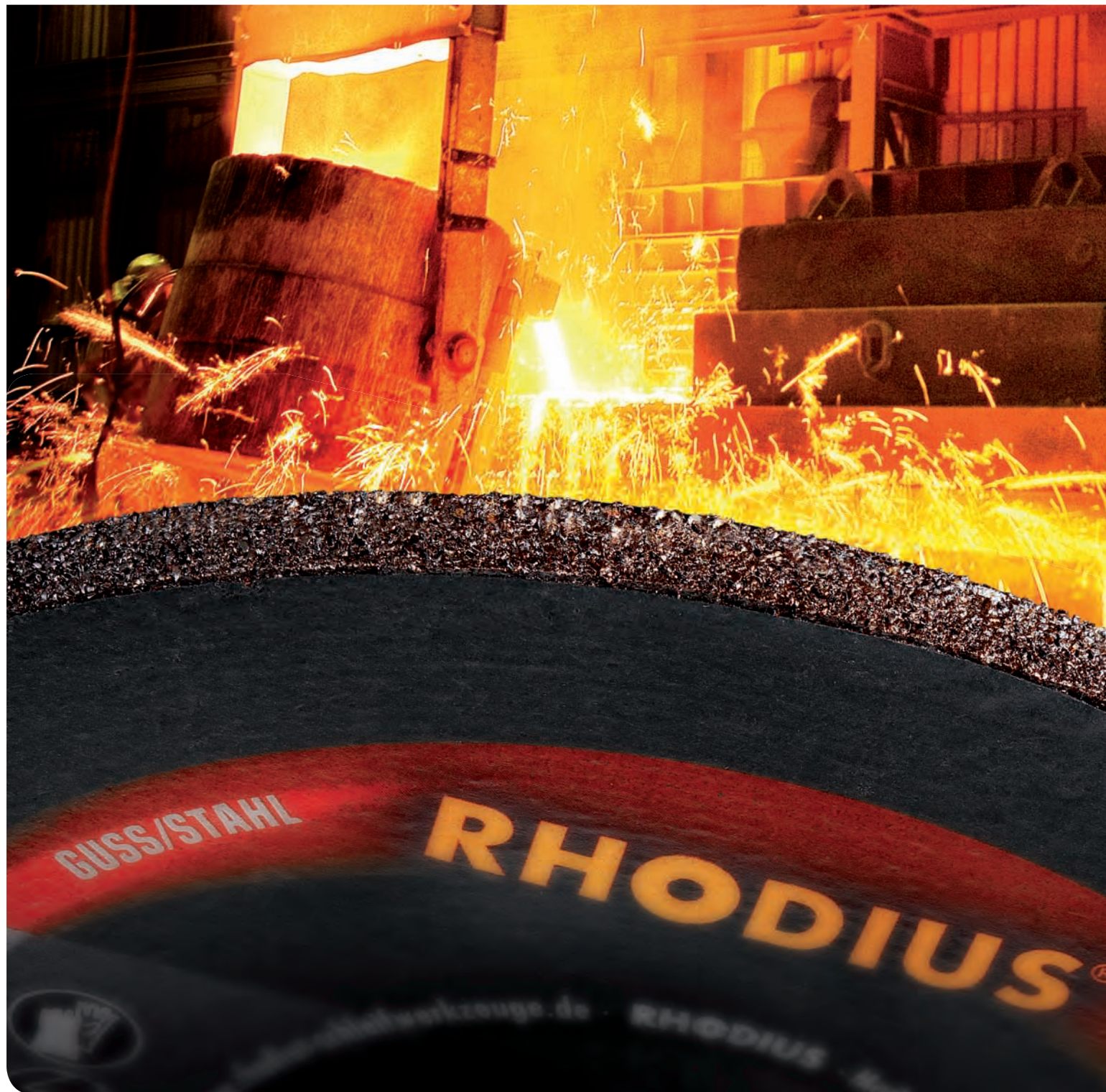
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**WE CREATE SOLUTIONS!**

Simplify your work.

**RHODIUS**





## INDIVIDUALITY

AT RHODIUS, SPECIAL SOLUTIONS  
ARE THE NEW STANDARD.

Every RHODIUS grinding tool is the result of the skills of a lot of smart people. Of course, our skilled employees' competence when they offer advice, conduct product development and manufacture our goods. But in particular the variety of demands that our clients make on our products and the broad diversity of applications in which our customers use them. They continually confront us with new challenges and drive us to startling feats of innovation.

Our practical bent, together with our skill at manufacturing, allows for ingenious product solutions that break performance records, make machining efforts more productive and offer maximum convenience on the job.



What kind of challenge do you have for us?  
Get in touch with us, call +49 2636 920 600



**WE COME UP WITH SOLUTIONS THAT FIT.**



#### RHODIUS QUALITY SYSTEM

**BRAINTOOLS** BRAINTOOLS are particularly innovative products with unique user benefits and a high problem-solving competence.

**TOPLINE** TOPline products offer professional users maximum product benefits, reliability and comfort in treatment and an optimum price-performance ratio.

**PROLINE** PROline products have been designed for very high quality demands and frequent use in industry and trades. They offer a good price-performance ratio and a high efficiency.

**ALPHALINE** ALPHAline products are reliable grinding tools with an attractive price-performance ratio for the price-conscious expert.



High-performance Zirconium: the fine-crystalline structure of the Zirconium lends Z-MAX-discs a self-sharpening effect to achieve a very good stock removal performance, cool cuts and high lifetime.



#### DIAMOND CUTTING DISC GD200 IMPULS

The new GD200 IMPULS diamond disc for machining special sorts of castings, like those made of grey cast iron and nodular cast iron, dramatically improves cutting outcomes and provides far greater comfort for the operator: Depending on the type of casting, the GD200 IMPULS increases lifetime by up to 25 times compared to conventional synthetic resin bonded discs. For procurement this means far lower tool operating and storage costs. For the operator it means less downtime due to fewer tool changes and faster work processes. The Impuls comes in 2 models: The flat model and the depressed model (GDK220 IMPULS<sup>2</sup>) for cutting close to the work piece.

Order our free brochure!

##### Advantages:

- Extremely long lifetime
- Very economical
- Constant cutting depth thanks to uniform diameter
- Dust pollution reduced by up to 70%
- Does not overheat, runs smoothly
- Long warehouse life
- Low storage costs
- Simple to discard

#### CLAMPING FLANGE RHODUCER

Frequent use of grinding discs may cause excessive vibrations, especially on the hands and arms. The vibration-damping Rhoducer clamping flange, reduces vibrations at the main grip by up to 30% and significantly relieves the affected parts of the body. Particularly useful for grinding discs over 230 mm diameter, with a thickness > 4.5mm.

Order our free brochure!

##### Advantages:

- Less strain on operator's body
- Reduces vibrations by up to 30%
- Affordable retrofit
- Easy to install

## INNOVATION PERFORMANCE AND EASE OF USE FOR PROFESSIONALS.

**> How can we prove ourselves?  
Get in touch with us, call +49 2636 920 600**

Genuine professionals want their tools to be as tough as they are, facing up to new challenges every day, performing strongly in tough conditions and displaying stamina. As a professional, you must be able to rely on your tools. Downtime is just unacceptable, as are performance and quality variations.

After decades of close cooperation with experts from the casting industries and post-cast machining, we know what is important. This hands-on knowledge about materials, machines and machining processes helps us to develop grinding tools that make your work easier. From professionals, for professionals.





- Individual, comfortable, quick:**
- Custom-designed, client-specific product solutions
  - Flexible application support, competent on-site consulting
  - Short development period
  - Prompt availability of the large standard product range

## COMPETENCE

HANDS-ON EXPERIENCE AND  
PROFOUND KNOWLEDGE LEAD  
TO SOLUTIONS THAT WORK.

**When can we talk?**  
Get in touch with us, call +49 2636 920 600

The range of casting specifications is enormous, as are the challenges related to the machining of different products. Depending on its shape, each type of casting requires special grinding tools to achieve optimum results and to enable the highest possible work efficiency. RHODIUS focuses on both aspects. For RHODIUS an optimal solution can only be achieved when the grinding tools and machines match the material properties and the geometry of the part.

We will gladly examine your specific application on-site; custom-design and develop the best possible grinding tool to suit your needs and advise you on how to best handle the equipment to increase efficiency. With over 60 years of experience and a huge selection of optimal solutions, we don't feel compelled to reinvent the wheel on every occasion. Today, RHODIUS offers you one of the broadest assortments of grinding tools designed for the most varied uses in machining castings. Delivered to your door within 24 hours.

**Fax to +49 2636 920181**

Tell us about your application problem, and we'll help you finding a solution.

### Contact details

Company \_\_\_\_\_

Address \_\_\_\_\_

Contact person \_\_\_\_\_

Phone \_\_\_\_\_ E-Mail \_\_\_\_\_

- Please send me more information  
 GD200 IMPULS  RHODUCER  
 Please call me back  Please arrange a personal visit

### Your material

- spheroidal cast iron  cast aluminium  cast steel  
 grey cast iron  ductile cast iron  red brass  
 others \_\_\_\_\_

### Your application

#### Cutting

- cutting off of risers  
 gates with metal penetration  gates without metal penetration  
 others \_\_\_\_\_

#### Grinding

- deburring  edge grinding  
 levelling  treatment of welding seams  
 others \_\_\_\_\_

### Your machine

#### cut-off process

freehand cutting machine

- electric grinders  air grinders  high frequency grinders  
 others \_\_\_\_\_

stationary cutting machine

- chop cut  oscillating cut  
 rotary cut  machining centre  
 others \_\_\_\_\_

drive

- rotary current  high frequency  hydraulic

power of machine \_\_\_\_\_

Machine type / bake / model \_\_\_\_\_

### Your disc

dimension: disc diameter (mm/inch) \_\_\_\_\_  
 thickness of wheel (mm/inch) \_\_\_\_\_

- cutting speed:  80 mm/sec  100 mm/sec  
 shape:  type flat  depressed centre

### Your casting product range

- automotive  mechanical engineering  
 power-plant  others

**Your annual demand** (in pcs): \_\_\_\_\_



## UK Representative

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