



## Press release

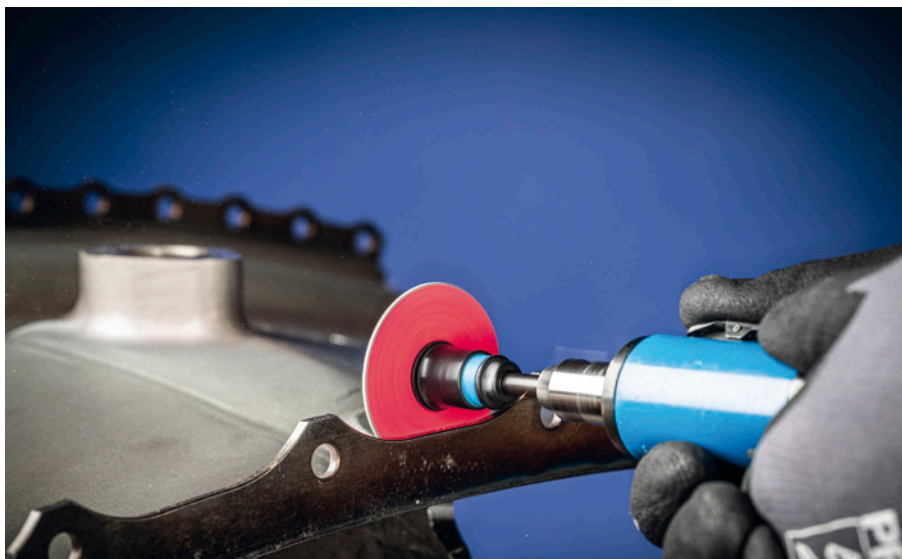
### Round the back

**Grinding involves numerous challenges – processing rear-facing repair welds is particularly tricky and many of the self-manufactured tool solutions that are used are very dangerous**

Marienheide,  
03/02/2022

**Author**  
Florian Pottrick

**Number of characters**  
2,565 (including spaces)



**Image 1**

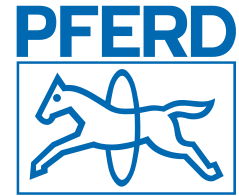
Easy grinding of rear facing repair welds...

[pi-cdr-rs-01.jpg]

Experts in the grinding process are familiar with the situation – grinding rear-facing repair welds is hugely problematic due to the poor accessibility of these locations. From necessity, users have created their own grinding tools but these have not undergone any safety tests and do not comply with any of the usual safety regulations. This is a dangerous and, in most cases, far from economical practice.

PFERD Tools, the Marienheide-based manufacturer of tools for work on surfaces is familiar with this issue and has now extended its range of COMBIDISC tools with the "RS" version (patent pending). On this version, the abrasive grain is not located on the underside of the tool – as is normal for face-down grinding – but on the top. This enables you to work backwards by guiding the tool to the location to be worked on and pulling it towards you to grind rather than pressing it onto the surface. This enables you to utilise the abrasive coating on the top of the tool.

COMBIDISC abrasive discs have a high-quality ceramic oxide grain with a cooling Top-Size coating. They grind very easily when used on high-temperature-resistant materials such as nickel based alloys, deliver high stock removal



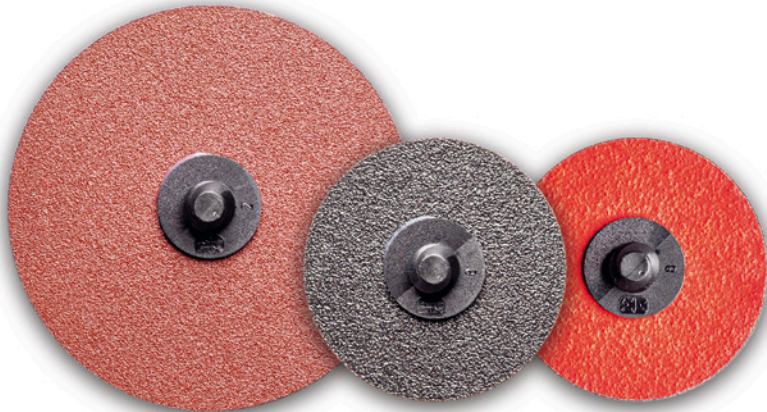
and produce a high quality surface finish. Another advantage of the system is that there are no abrasives or fixing elements on the rear of the sander that could result in damage to the workpiece. The arbor is surrounded by plastic in the area of the workpiece, which also protects against damage or contact corrosion. To machine practically all materials, the PFERD range offers the versions ceramic oxide grain (CO-COOL, for stainless steel [INOX], hard non-ferrous metals, high-temperature-resistant materials), silicon carbide (SiC, for non-ferrous metals, fibre-reinforced plastics or thermoplastics) and aluminium oxide (A-PLUS, for steel or cast materials as well as non-ferrous metals), in different sizes.

#### **About PFERD:**

August Rüggeberg GmbH & Co. KG – PFERD Tools ([www.pferd.com](http://www.pferd.com)) is among the leading companies that manufacture tools for work on surfaces and metal cutting. With a heritage that dates back more than 200 years, the family-run business, based in Marienheide, manufactures its products across eight different production facilities and its current portfolio includes over 8,500 tools. With its 1,950 employees in 25 subsidiaries across the world, the company is able to secure proximity to its global customer base, which is ideal for providing first-class consultation and deliveries.



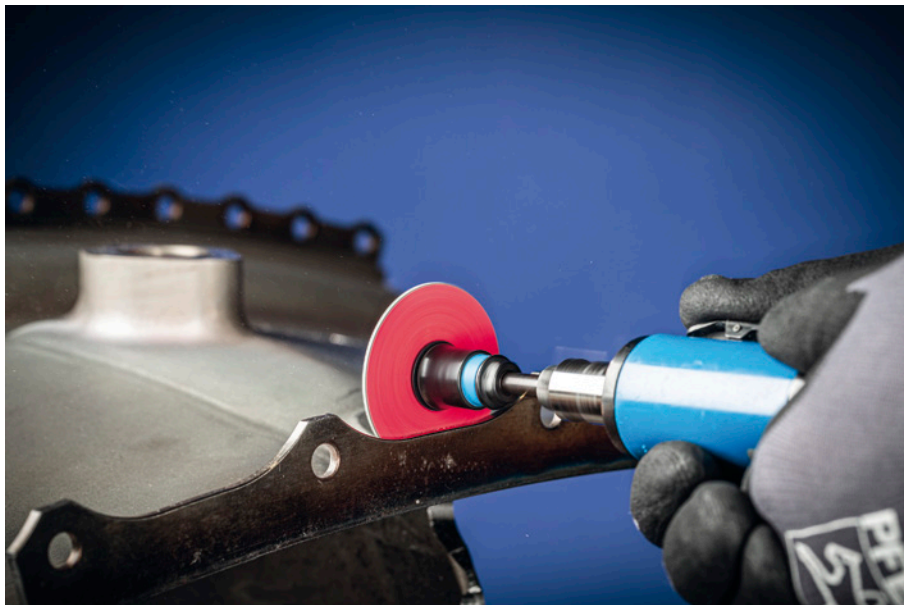
**Images:**



**Image 2**

The PFERD product range has been extended with new designs and grit sizes to offer the perfect product for all common materials.

[pi-cdr-rs-03.jpg]



**Image 3**

Easy grinding of rear facing repair welds...

[pi-cdr-rs-01.jpg]



**Image 4**  
...with COMBIDISC grinding tools,  
RS version

[pi-cdr-rs-02.jpg]

#### **Press contact**

August Rüggeberg GmbH & Co. KG  
PFERD Tools

Florian Pottrick  
Public Relations  
Hauptstr. 13  
51709 Marienheide, Germany

Tel.: +49-(0)-2264-9353  
Fax: +49-(0)-2264-9660  
E-mail: [florian.pottrick@pferd.com](mailto:florian.pottrick@pferd.com)  
[www.pferd.com](http://www.pferd.com)

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