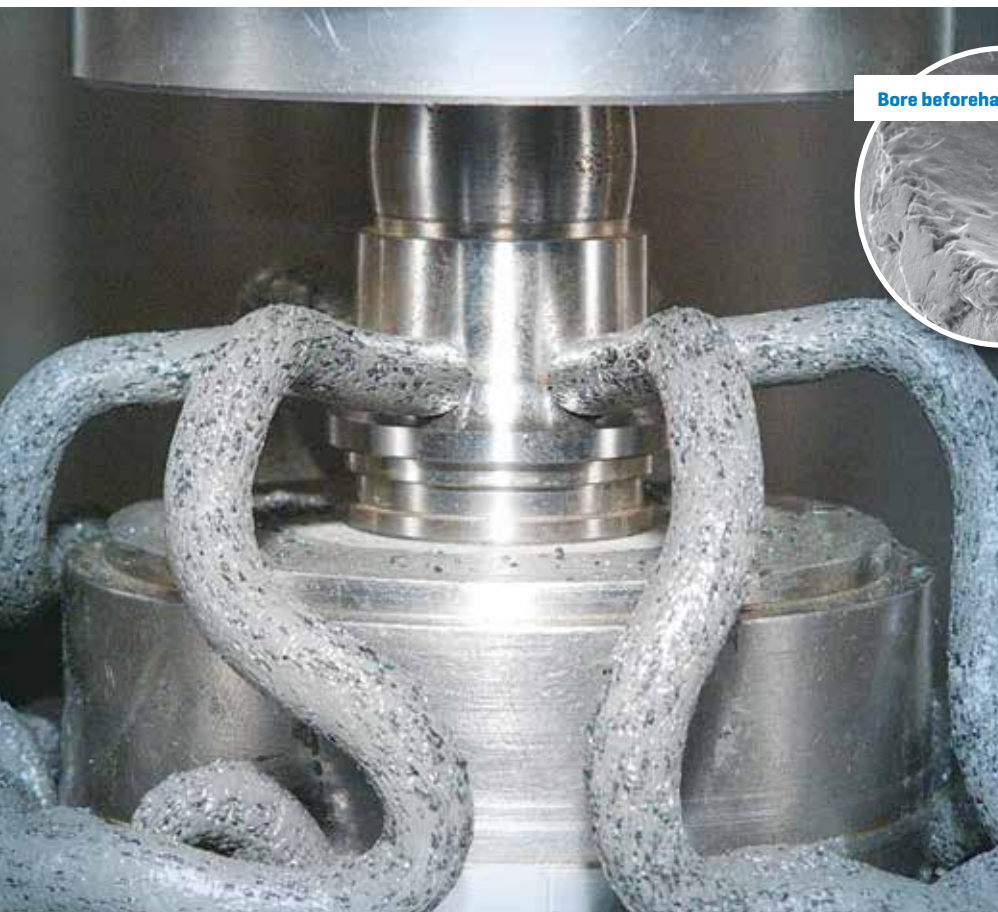




Optimization of medium piston in the grinding process of inside surfaces

The new modular medium piston of Micro Surfaces will minimize the exchange of spare parts in the future. In case of wear of the sealing edge, the exchange of only the piston seal and - after an extended runtime - the guide band is required.



Bore beforehand



Bore afterwards



TASK OF THE MEDIUM PISTON:

The medium piston has the task to press the grinding paste in the medium container through the work-piece to be processed. For this purpose, it must be located sufficiently nearby the medium container wall in order to avoid the occurrence of grinding paste behind the medium piston. The grinding paste contains abrasive particles, leading to the wear of the sealing edge of the medium piston.

Your benefit:

- + Procurement of wear parts **300% cheaper in the future**
- + **Eco-friendly** due to reduced costs of materials
- + **More assembly-friendly** due to reduced piston weight
- + **Shorter delivery terms** from 6 weeks to 2 weeks

Switching to NEW is possible at any time!

OLD **MEDIUM PISTONS USED SO FAR**



Weight: approx. 6 kg
1: PU coating, sprayed on
2: Steel core
3: Piston rod

NEW **MODULAR MEDIUM PISTON**



Weight saving up to 50%
1: Piston seal
2: Guide band



They must be **exchanged completely** in case of wear.

In case of wear of the sealing edge, **only the exchange of the piston seal and – after an extended runtime – the guide band is required.**

EVERYTHING FROM A SINGLE SOURCE

Thanks to our integration into the **PÜTZ GROUP** and the resulting **synergy effects** we are able to offer you not just deburring and surface technologies but also the appropriate testing technology to test surfaces as well as for dimensional accuracy.

MICRO SURFACES offers everything from one single source ...

... we develop, design, manufacture and sell state-of-the-art processes for the deburring and surface technology and precision processing systems.

We look forward to your request!

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