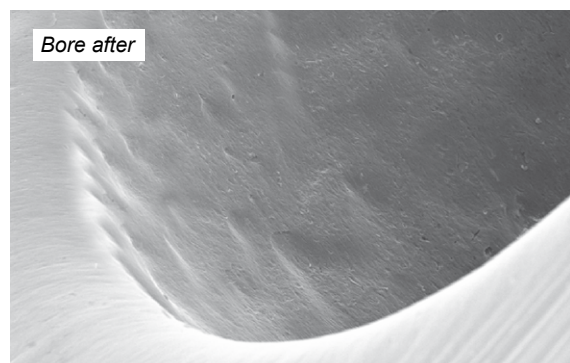
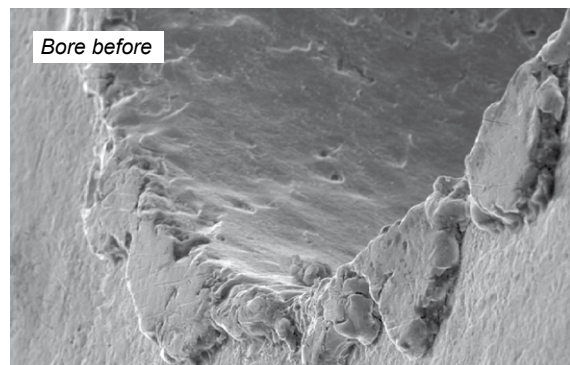


Own streamer production

The decisive tool for the mechanical removal process used in MicroStream abrasive flow machining is the streamer.

Its composition is matched to the customer's processing task on a case-by-case basis. This improves the process significantly, reduces the processing times and delivers the best quality surface finishes.

The streamer is composed of a polymer, the so-called basic medium, and abrasive grits. The abrasive grits, which remove material from the workpiece surfaces, are carried by the basic medium.



We will create the most efficient abrasive medium formula for you.

The result = absolute precision!

Precisely matched mixtures are created for different application types. Depending on the basic medium's specified viscosity, these mixtures differ in terms of the size, type and amount of abrasive grits used.

Own streamer production

Basic medium:

The variable viscosities, ranging from very firm to almost liquid, allow for flexible processing tasks: The processing of bores and internal cross sections measuring approximately 0.2 mm to 300 mm.

Abrasive grits:

The basic medium is enriched with abrasive grits. The most commonly used abrasive grits are silicon carbide, corundum, boron carbide and diamonds. For optimum results, multi-grit mixtures with different grit sizes are also possible.

Selectable abrasive media sizes:

From coarsely grained F16 mesh (diameter 1,230 µm) to fine F1200 mesh (diameter 3 µm)

Streamer lifecycle:

Depending on the application, each medium can be used for over 200 operating hours. Like any other grinding tool, streamers too become blunted and worn down over time.

Processing options:

- Processing of complex internal geometries
- Deburring of hard-to-reach bores as well as crevices, grooves and edges
- Consistently and evenly rounded edges
- Improvement of the surfaces of additively printed components
- Polishing of machined or cast surfaces
- Removal of martensite layers, for example after eroding

Everything from a single source

Take advantage of the **synergy effects** that result from our integration into the **Pütz Group!** In addition to surfaces finishing technologies as well as industrial cleaning technologies, we can also offer you the right testing technology to test surfaces and dimensional accuracy.

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