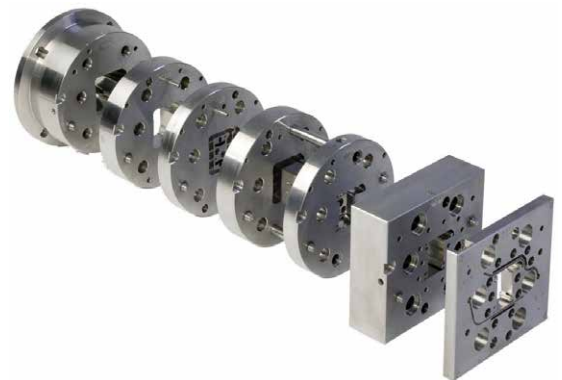


## Economic polishing of plastic extrusion tools

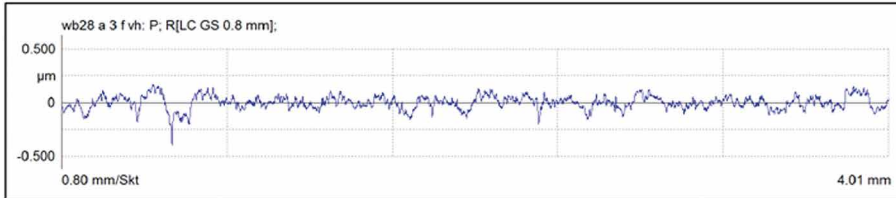
The quality of the surfaces of window, door and other plastic profiles depends strongly on the surface quality of extrusion nozzles, screens and calibrations. The processing of complex geometrics in high-quality tools while achieving the same accuracy is a huge challenge for the tool design.



We have the solution:  
**With MicroStream Abrasive Flow Machining (AFM)**  
we offer a procedure for the best results constantly.

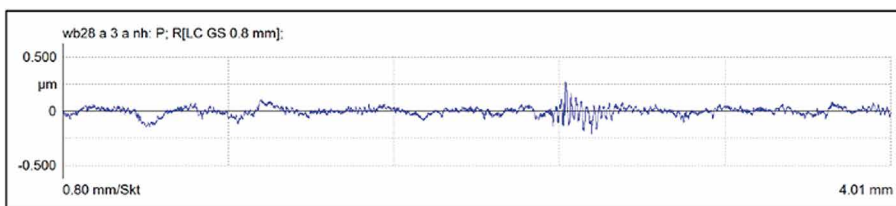


### Comparison before-after:



Before:

Rz appr.  
1 µm



After:

Rz appr.  
0.3 µm

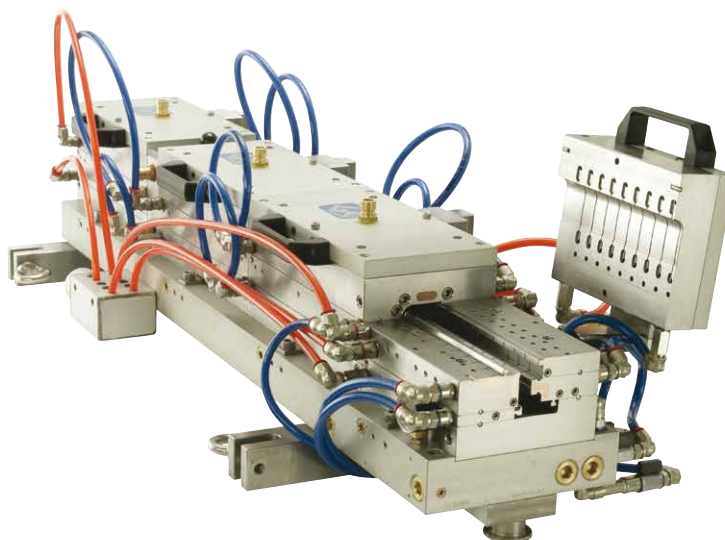
### Your benefits:

- + Higher quality of the end product
- + Huge cost reductions in the whole process
- + Reproducible results with same quality

## Economic polishing of plastic extrusion tools

**MicroStream technology**, dies are polished in the extrusion direction. This process results in optimal surface roughness values that give the extruded profile a perfect surface. The processing tool is positioned between the lower and upper medium cylinder.

The grinding medium consists of a plastic polymer and is enriched with an abrasive grit according to the tool geometry and material. This medium – called **Streamer** – is conducted cyclically and alternatively along the tool contour.



## 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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