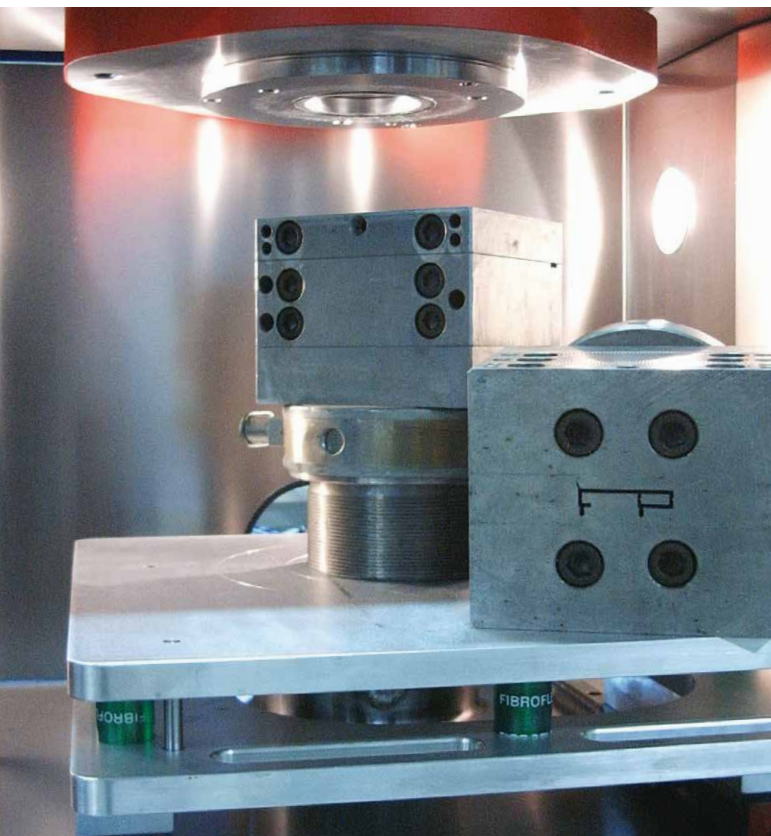


ECONOMIC PROCESSING OF EXTRUDER TOOLS IN THE PRODUCTION

Until now, the manual precision work of tool polishing was performed by qualified specialists. These manual and time-consuming works lead to high tool costs.

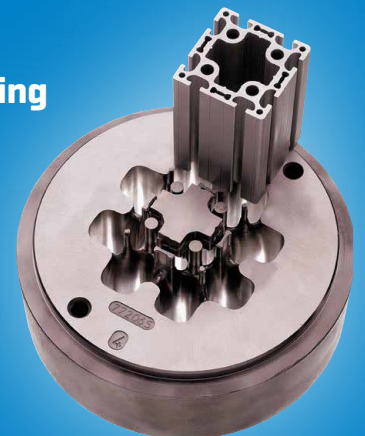
And lastly and importantly, this manual trade is continuously subject to high quality variations, while reproduction is impossible, particularly for multiple strand profiles.



The increasing requirements on the quality of aluminum profiles and demand for economic products of the same and even higher quality force the extrusion business to optimize their procedures and lower their costs.

This requires tools which are resistant to higher loads for a longer service life and a higher surface quality.

We have the solution:
MicroStream
Abrasive Flow Machining



Your benefits:

- + **Higher quality** of the end product, the aluminum profile
- + **Reproducible results** with same quality
- + **Increased extruding volume**
- + **Huge cost reductions** in the whole process
- + **Higher service life** of tools
- + **Less waste**

ECONOMIC PROCESSING OF EXTRUDER TOOLS IN THE PRODUCTION



An extruding tool is completely processed within **a few minutes**. According to the processing time, surface values of Ra 0.2 µm and Rz 1 µm are obtained.



The MicroStream Abrasive Flow Machining remove gray layers and small fissures and guarantee **identical rough depth values** everywhere.

Subject to the tool dimensions and the selection of the machine size, **matrices with one strand and multiple strands** are processed.

The Abrasive Flow Machining are further optimized by the **flow-dynamic chamfer of the edges**. Hollow-chamber profiles are jointly processed in one workflow. For profiles with different wall thicknesses, the whole area is polished uniformly.

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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