

Reduce costs. Increase quality

## Efficient processing of extrusion dies



The demands on the quality of aluminum profiles are growing constantly. At the same time, the demand for cheaper products – with the same or even better quality – is increasing.

**For you, this means optimizing processes and costs.**

This requires tools that can withstand higher loads, achieve longer tool lives and offer a high surface quality.

*Our solution:*

*With MicroStream Abrasive Flow Machining your dies are polished in the best possible and consistent quality!*

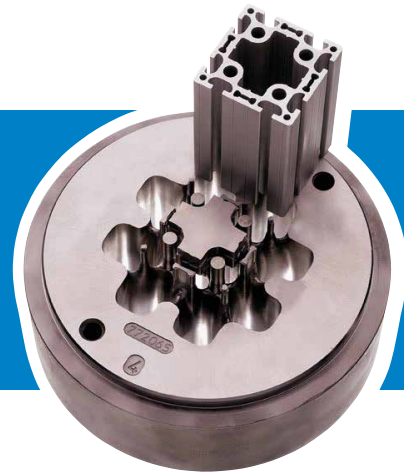


### Your benefits

- + Higher quality of the end product
- + Higher service life of tools
- + Suitable for new and used dies
- + Huge cost reductions in the whole process
- + Increased extruding volumes
- + Time saving and quality improvement compared to manual work
- + Reproducible results with same quality
- + Minimizing the scrap quantity

### **MicroStream Abrasive Flow Machining for extruded profiles with a perfect surface.**

*The polishing of the dies takes place in the direction  
of extrusion. The result: optimum surface roughness values!*



The MicroStream Abrasive Flow Machining remove gray layers and small fissures and guarantee identical rough depth values everywhere. According to the processing time, **surface values of Ra 0.2 µm and Rz 1 µm** can be achieved. Subject to the tool dimensions dies with one strand and multiple strands are processed.

### **We offer comprehensive services and know how:**



#### **Surface finishing technologies**

Abrasive Flow Machining  
Vibratory finishing  
Subcontracting  
Streamer production  
Construction and manufacture of AFM machines  
Test processing of individual pieces and prototypes



#### **Industrial cleaning technologies**

Spray washing  
Immersion cleaning  
Ultrasonic cleaning  
High-pressure cleaning  
Spear and wear parts

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**Micro + Hega Surfaces GmbH**  
Kleines Wegle 5  
71691 Freiberg am Neckar  
GERMANY

info@hegasystems.com  
info@microsurfaces.de  
Phone: +49 7141 91167-0  
Fax: +49 7141 91167-29

www.hegasystems.com  
www.microsurfaces.de