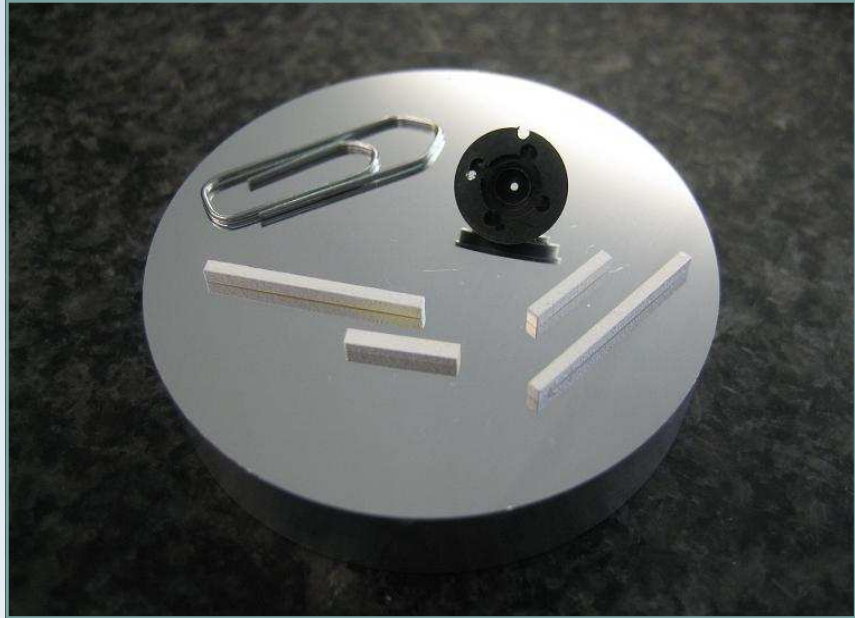


## Customer focused development

- spindles + slides
- plan-tables + instruments
- machines
- micro cutting technology



## Micro-machining technology



### Factory for micro-machining technology

With its "factory for micro-machining technology" department, ess Mikromechnik GmbH is sharing with its customers the know-how gained over many years.

ess Mikromechnik GmbH is able to machine extremely small (<1mm) as well as extremely large (to a diameter of 2,000mm) components.

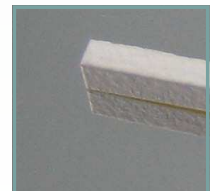
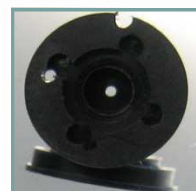
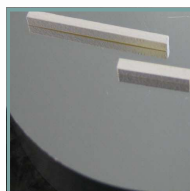
ess Mikromechnik GmbH boasts a tradition of outstanding achievement.

Therefore the company is capable of machining, measuring and documenting parts with a diameter of up to 2,000mm to an evenness of <1µm.

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## Technical data

**Precision job order production**  
**ess Mikromechanik GmbH**

**Ultra-precision lathing**  
**Ultra-precision grinding**  
**Ultra-precision milling**  
**Ultra-precision lapping**

## Job order production

Type	Ø up to	Length up to	Runout up to	Planess up to	Max. weight
UP-lathing	300mm	300mm	0,75µm	0,3µm	50kg
UP-grinding	2.000mm	500mm	0,5µm	0,5µm	3000kg
UP-milling	300mm	300mm		0,03µm	200kg
UP-lapping	2.000mm	500mm		0,5µm	3000kg

Ultra-precision machining is a special focal area of ess Mikromechanik GmbH. State-of-the-art machinery achieves extremely high degrees of accuracy.

Just send a non-binding request to one of the job order production departments and wait for your quote.



***The innovation in the  
micro-machining technology sector!***