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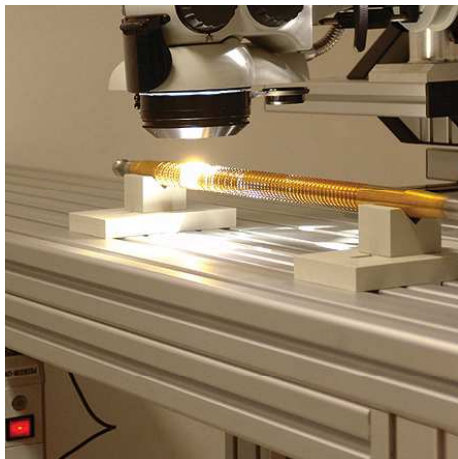
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## „ Development in Detail“

### New test control unit for broaching tools

The in the consolidated company Glätzer CNC conditioning and Knieps Special engineering working company Meyer + Dörner GmbH has specialised itself on the production of sharpening and maintenance of broaching tools.



Meyer-Doerner-SG02.jpg

**The requirements to this unit are named quickly:**

- **flexibility and**
- **rapidity!**

Flexibility because the broaching tools have different dimensions. Rapidity, because each cost of breakdown is referred to the customer and this is never a good solution.

A microscope (magnification of 40 diameters) and a three-axis-handling of item is the basic of the test control unit.

The rugged line 12 profile system of MB building kit system came to use because the combination of an absolutely free play of roll guides guaranteed that no undesirable vibrations affected the measurements.



Meyer-Doerner-SG01.jpg

The handling increases the possibility to change the complete optic in lateral and vertical direction by the bearing unit. The height adjustment was realised through the application of a ball screw unit. This enables a quick and comfortable adjustment by means of a hand wheel. All units were built from the item building kit system.

Meyer + Dörner offers their customers a further service: online Just-in-Time. Analyses and pictures are send to their customers via internet and the report can be discussed and solutions developed immediately.