

## Valve Guides and Seats

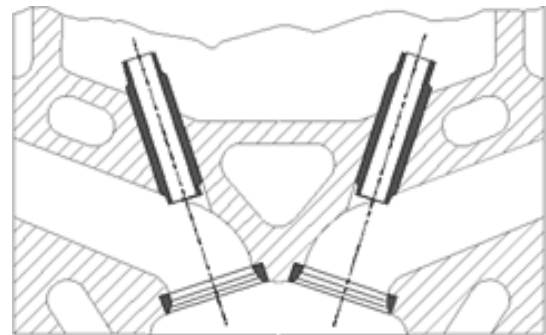
MTW-510-VAL-001

### Automatic measurement of Valve Guides and Valve Seats with a Leitz 3D Coordinate Measuring Machine.

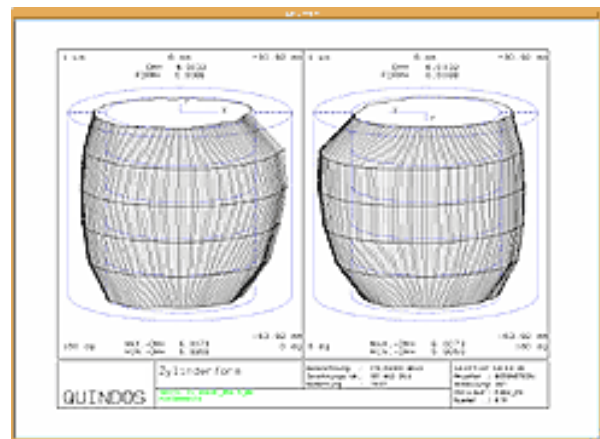
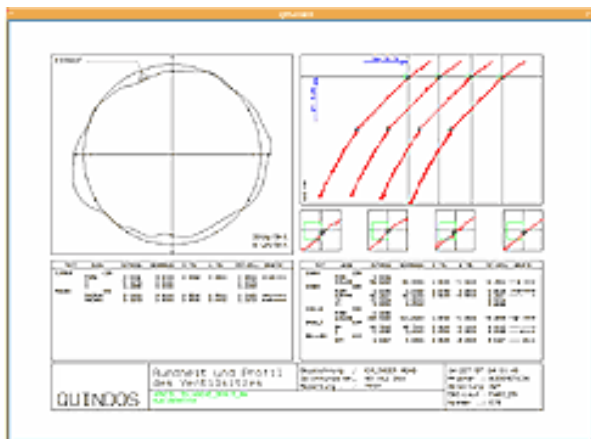
Automatic inspection and evaluation of valve guides and seats found in combustion engines. The valve seats must have at least 2 cone angles.

This option requires a Three Coordinate Measuring Machine (CMM) with a measuring (linear) probe system (not for triggered probe systems such as Renishaw etc.) and continuous scanning capability.

After the operator has entered the valve guide and seat parameters from the drawing, the moving path of the CMM, the probing points and the scan lines required are generated automatically.



Critical features such as the cone angles (on a short cone base) and the seat position in relation to the guide are evaluated with maximum repeatability.



Several valve-specific plots to visualize the measuring results are part of this package.

**Leitz valve seat measuring technology: fast, precise and cost-efficient!**