



»hobCheck«

the universal measuring machine for fully-automatic measuring and inspection of cylindrical hob cutters

With their »hobCheck« measuring machine, ZOLLER push the door open to unseen features for fully-automatic, economical, and complete measuring of hob cutters – some of which of unusual size. Equipped with transmitted light image processing, incident light cameras and measuring probes, more than 15 parameters (like tooth profile, radial run-out/wobble, pitch, shape/position tolerance) can be measured.

Features Detail:

- › ZOLLER image processing »pilot«
- › Ergonomic operating elements
- › Consistent use of brand-name products
- › Robust and able to withstand shop floor conditions
- › Membrane keyboard for power-operated spindle clamping and spindle braking
- › ZOLLER high-precision spindle »ace«
- › Autofocus and hollow shaft encoder
- › Unique evaluation software
- › Software package »hobCheck«
- › Swivel-mounted optic carrier
- › Electronic measuring sensor

Technical data

	»hobCheck«
Measuring range Z-axis	540 mm
Travel range Y-axis	40 mm
Measurable external diameter	360 mm
Snap gauge Ø	60 mm
Maximum measuring depth sensor	30 mm
Maximum measuring length front	300 mm
Maximum tool weight	100 kg
Range of CNC controlled optic carrier swivelling device	± 30°
Tool length tailstock	100 - 600 mm (Option)

Note:

By using adapters and tool posts the quoted measuring range may vary.

Axial/frontal measurements with incident light camera are not possible in combination with tailstock.

Software

»pilot 3.0«

Prepared quickly and easily for any requirement

- › For both manual and CNC controlled presetting and measuring machines
- › For both small and large manufacturing needs
- › Conveniently and quickly preset, measure, inspect, and manage cutting tools of all kinds.
- › Transmit data via machine connections and interfaces to third party systems
- › Modular design for maximum flexibility



Your added value

- › »hobCheck« with unique evaluation software
- › ZOLLER mechanics - precise, ergonomic, reliable
- › The ZOLLER image processing »pilot« - fast, intuitive, unequalled by the competition



You are interested in »hobCheck« ?

Then you may be interested in following too:



ZOLLER
»pilot 3.0«
Intelligent machine
control



The ZOLLER
»genius«
The universal
measuring machine
for tool inspection