



High End Measurement Specialist »threadCheck«

## The Expert for Measuring of Taps

### Highlights

- High-precision  
Six CNC-axes and swiveling multisensor optic carrier »orthoScan« for fully automatic, distortion-free measuring of helical cutting tools
- Extensive  
Large selection of photorealistic and modular measuring programs, including specific thread measuring programs
- Reliable  
Tailored software modules and interfaces for seamless processes
- Simple  
Complex measuring processes implemented easily operable
- Appropriate for the shop floor  
Use in production environment thanks to functional design and full enclosure

### Software



## Modern design and even more features: The software for all-inclusive tool measurement

### »pilot 4.0«

- Graphic rich, self-explanatory user interface
- All features are easily accessible
- Large click and touch areas
- Photorealistic input interface
- Dynamic crosshairs
- Self-explanatory function keys
- Automatic cutting edge shape recognition
- Automatic zero point monitoring
- Clear and precise cutting edge display and inspection
- Tool and adapter management
- Tool identification
- Test report output
- Data transfer to the machine tool and interfaces to external systems

and many other functions and options

► more

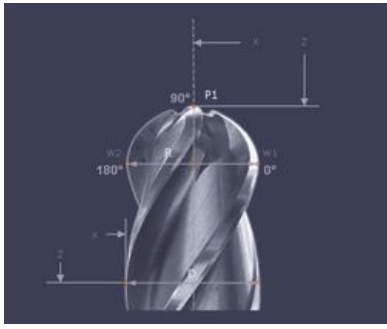
## Technical data

### »threadCheck«

Max. tool length	Max. tool Ø (with / without swivel mechanism)
600 mm (23.6 inch)	260 mm (10.24 inch) / –
Max.snap gauge Ø	Number of axes
100 mm (3.94 inch)	6
Weight	
820 kg (1 808 lbs)	

Note: Using adapters and attachment holders can reduce the indicated measuring range in some circumstances.

## Measurement programs



## Conical Reamers in Snap Gauge Method

Measuring program for the measurement of tapered reamers with the snap gauge method.

# The Thread Professional, the Measuring Machine for Helical Cutting Tools

»threadCheck« is the ZOLLER high-end universal measuring machine for distortion-free and precise measuring of cutting tools, including special tooth-edge geometries.

Six CNC-controlled axes and the fully automatic, swiveling multisensor optic carrier »orthoScan« allow complex measurements of threaded tool geometries, threaded drills, milling cutters, molds and many other cutting tools. Each highly complex measuring procedures are executed fully automatically: from quick inspection of individual parameters to the complete measuring of complex multi-stage tools. Precise and seamless inspection reports give you and your customers maximum security as well.

