

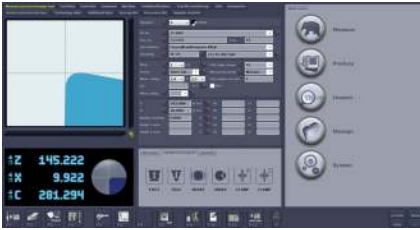


»reamCheck« The Measurement Specialist for Fine Adjustment Tools

Highlights

- **Tactile**
Measuring sensor For μm -accurate tactile measuring and presetting of fine adjustment tools such as reamers or facing cutters with narrow tooth distribution
- **User-friendly**
Intuitively usable software interface and comfortable control elements
- **Precise**
ZOLLER »ace« high-precision spindle, powerful optic and electronic measuring sensor
- **Robust**
Design appropriate for the shop floor

Software



The Modular Image Processing Software »pilot 3.0«

- Graphical user interface
- Photorealistic input dialog
- Dynamic cross-hairs
- Self-explanatory function keys
- Automatic cutting edge form detection
- Automatic zero-point monitoring
- Adjustable LED lighting for crystal clear display and inspection of cutting edges
- Tool and adapter management
- Tool identification
- Inspection record output
- Data transfer to machines and interfaces to third-party systems

and many more functions and options

► more

Technical data

Button T1 does not swivel

Measuring range Z	Measuring range X
600 mm / 800 mm / 1000 mm	440 mm / 540 mm* / 720 mm*
Max. tool Ø with sensor	Min. tool Ø with button
250 mm / 340 mm / 340 mm	0 mm
Snap gages Ø	Max. horizontal tool Ø
100 mm / 50 mm / 50 mm	—
Min. horizontal tool Ø	Max. vertical tool Ø
—	—
Min. vertical tool Ø	Snap gages Ø for vertical position of the button
—	—
Measuring path loss in Z direction for vertical position of the sensor	
—	

Button T1 swivels:

Measuring range Z	Measuring range X
600 mm / 800 mm / 1000 mm	440 mm / 540 mm* / 720 mm*
Max. tool Ø with sensor	Min. tool Ø with button
—	—
Snap gages Ø	Max. horizontal tool Ø
—	280 mm / 550 mm / 600 mm
Min. horizontal tool Ø	Max. vertical tool Ø
0 mm	690 mm
Min. vertical tool Ø	Snap gages Ø for vertical position of the button
54 mm	100 mm / 50 mm / 50 mm
Measuring path loss in Z direction for vertical position of the sensor	
70 mm	

Button T2 swivels

Measuring range Z	Measuring range X
600 mm / 800 mm / 1000 mm	440 mm / 540 mm* / 720 mm*
Max. tool Ø with sensor	Min. tool Ø with button
—	—
Snap gages Ø	Max. horizontal tool Ø
—	280 mm / 540 mm / 720 mm
Min. horizontal tool Ø	Max. vertical tool Ø
0 mm	690 mm
Min. vertical tool Ø	Snap gages Ø for vertical position of the button
50 mm	100 mm / 50 mm / 50 mm
Measuring path loss in Z direction for vertical position of the sensor	
75 mm	

* Only one tailstock possible.

Measurement programs



Axial Runout and Concentricity

Measuring program for the determination of axial runout and concentricity with the aid of a measuring sensor.



Complete Measurement of Reamers

Measuring program for the complete measurement of reamers, incl. measurement of the taper with the aid of a double measuring sensor.



Setting of Reamers

Measuring program for the setting of reamers to a required diameter and for the measurement of the taper with the aid of a measuring sensor and diameter gauge.

Reamer Expert

»reamCheck« allows the μm -accurate and fully automatic measuring of all variants of tools and also specifically those that cannot be measured with image processing because of their cutting geometry.

In addition, reamers can also be tactile preset and measured, for example.

