



Measurement Specialist »phoenix«

Measuring Fine Boring Tools with the Highest Precision

Highlights

- Pneumatically supported tailstock
- Tool holder spindle with universal power clamping for steep taper, HSK and tool holder systems such as Capto and Kennametal
- Specific measuring programs in the »pilot« measuring device software
- Membrane keypad for power-activated spindle functions
- Robust and equipped for the shop floor
- Consistent use of brand name products

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

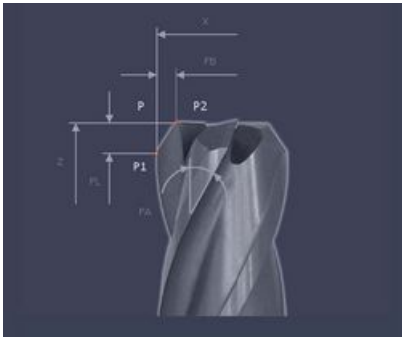
»phoenix 600«

Measuring range Z	Measuring range X
600 / 800 / 1000 mm	220 and 100 mm
Snap gage Ø	
200 mm	

Measurement programs

Vertical and Horizontal Dimensions, Radius, and Angle of Standard Cutting Tools

Measuring program for the simple measurement of vertical and horizontal dimensions, radius and angle of standard cutting tools.



Oversize Method

Measuring program for the measurement of cylindrical reamers without support bar by oversize method.

Data Transfer



»zidCode«

The efficient solution for tool identification and data transfer

► to »zidCode«



RFID Chip

Fast way to the tool identification and data transfer

► to RFID Chip





DataMatrix Code

Safe, quick and guaranteed error-free data transfer to your CNC machine

Post Processor

Data output with **DNC system** prepared in a controller compatible manner

► to Post Processor

► to DataMatrix Code

Precision Starts Before the Machine

Do you want to preset your precision boring tools timely and μm -accurately in order to avoid rejects and to reduce your tool costs?

Then you are best equipped with the ZOLLER presetting and measuring machine »phoenix«. With »phoenix« it is possible for you to hold your tools between centers and to measure each parameter fully automatically in the snap gauge principle. This gives you maximum accuracy for the best quality of your workpieces and longer tool life. The ZOLLER »phoenix« gives you maximum efficiency and productivity in your manufacturing.

