Measurement Specialist »millCheck«

Face Milling Cutters Measured with Unparalleled Speed

Highlights

- Accurate
  Optimum results in axial runout and high process safety thanks to a special, automatic measuring sensor
- Simple
  Photorealistic input dialog in »pilot« for specific measuring sensor procedures, including analog dial gage for visual support
- Gentle
  Hardened and specially formed sensor head design protects cutting tool edges
- Quick
  Fully automatic measuring procedure makes measurement a quick and efficient task
- Durable
  Through consistent use of high-quality brand name components

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

»millCheck 600«

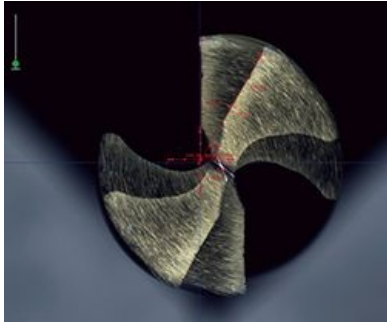| Measuring range Z	Measuring range X
480 mm (18.9 inch)	300 mm (11.8 inch)
Ø	
600 mm (23.6 inch)	

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

Measurement programs

Cylindrical Reamer - Face Cutting Edge

Measuring program for the measurement of single cutting edge reamers with face cutting edges.

Theoretical Tip

Measuring program for the determination of the theoretical tip at tapered cutting tools over several measuring points.

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

Post Processor

Data output with DNC system prepared in a controller compatible manner

▶ to Post Processor

DataMatrix Code

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

▶ to DataMatrix Code

Efficiently Preset, Measure and Record Facing Cutters and Cap Cutters

ZOLLER »millCheck« impresses with quick and accurate presetting, measuring and recording, as well as comfortable user guidance through the intuitive software. A specific measuring program supports the user in photorealistic input dialog, also with the representation of an additional analog dial gage. The fully automatic presetting and measuring procedure guarantees repeatably accurate, precise and quick results. This allows a high tool throughput — a clear economic advantage.