

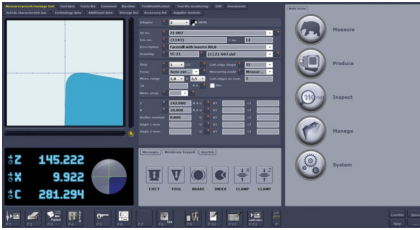


»genius« The Universal Measuring Machine for Cutting Tools of All Kinds

Highlights

- **Universal**
For fast inspection and complete control of cutting tools
- **Reliable**
In use worldwide with over 1,000 installations
- **User-independent**
Fully automatic complete control, documentation included
- **Powerful**
Best hardware quality combined with extensive »pilot« software and large selection of measuring programs
- **Stable**
Dimensionally stable and fully covered for use under production conditions
- **Networked**
Seamless processes thanks to interfaces to program systems and grinding machines

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

»genius 3«

Measuring range Z	Measuring range X
600 mm	175 mm
Measuring range Y	∅
100 mm	340 mm
Snap gage ∅	
100 mm	

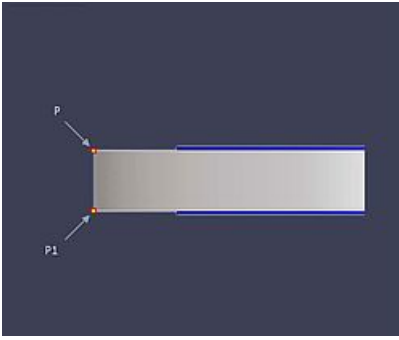
Note: Using adapters and attachment holders can reduce the indicated measuring range in some circumstances.

Measurement programs



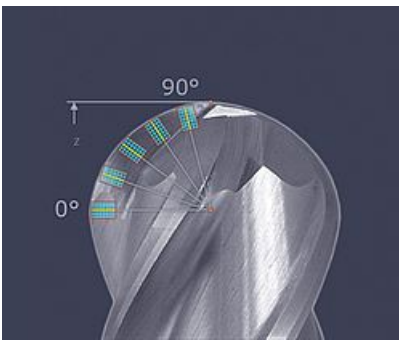
»expert« Measuring Program Generator

Global measuring program for the measurement of cutting tools in transmitted and incident light, at the circumference, at the end face and in chip space.



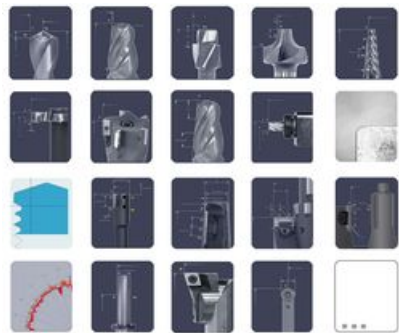
Complete Measurement

Measuring program for the complete measurement of grinding wheels and wheel packs.



Machining Angle

Measuring program for the calculation of the rake angle at several points of the ball nose cutter.



»inspectionPremium« Measuring Program Package

The »inspectionPremium« measuring program package includes all measuring programs and software functions for a professional and extensive inspection of your cutting tools.

The Universal Genius, Proven **Over 1,000 Times** Worldwide

The ZOLLER-»genius 3« is the universal measuring machine for cutting tools. From the quick inspection of individual criteria to the fully automatic and user-independent complete check, your tools are checked quickly, simply and with maximum precision.

Measuring results are documented in detail and can be transferred to your grinding machines with a simple click. This means that the »genius« saves you valuable time in work preparation and programming, eliminates unnecessary reworking and customer complaints, and ensures a quality which will impress both you and your customers.

