

## »venturion 600« with powRgrip® Clamping System

- ✓ Automatic tool clamping in just a few seconds
- ✓ Fast tool measurements to the  $\mu\text{m}$
- ✓ Precise tool presetting and the highest clamping force

**REGO-FIX**▲

**ZOLLER**  
expect great measures®

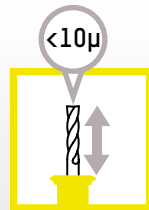
# REGO-FIX powRgrip® System for the Highest Performance

The powRgrip® System which consists of a collet holder, collet and clamping unit provides:

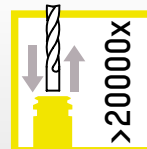
- ✓ HSC/HPC high performance cutting
- ✓ Highly precise concentricity for long tool life
- ✓ Protection against tool slippage thanks to high-clamping torque
- ✓ The best vibration dampening for the best surface finish results



Tools are clamped in less than 10 seconds without the use of heat!



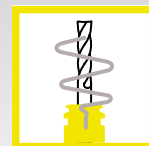
Precise length presetting with repeatability  $<10\mu$



Maximum clamping force and low runout, even after 20,000 tool changes



Great flexibility:  
Clamping diameters from 0.2 to 25.4 mm.  
Clamps all shanks with h6 tolerance



High vibration dampening thanks to two interfering surfaces:  
Tool holder / collet and collet / tool



## Features of »venturion 600« with powRgrip® Clamping System

- \_\_\_ »ace« (all-clamping-element) high-precision spindle with 4 x 90° spindle indexing and spindle brake
- \_\_\_ Membrane keypad for all power-activated functions of the »ace« high-precision spindle
- \_\_\_ CNC control of all axes (Z, X, C)
- \_\_\_ Autofocus and rotation encoder (ROD)
- \_\_\_ »pilot 3.0« image processing technology
- \_\_\_ Automatic »asza / mms« length limit system in the Z axis
- \_\_\_ Separate »cockpit« control unit
- \_\_\_ powRgrip® clamping system
- \_\_\_ 24" touch monitor and graphic user interface

# Automatically and Systematically Set, Measure, and Clamp

In conjunction with the REGO-FIX powRgrip® clamping system, tools of all kinds, including tools with powRgrip collets, can be flexibly, quickly, and precisely set to length and measured using the ZOLLER »venturion 600«

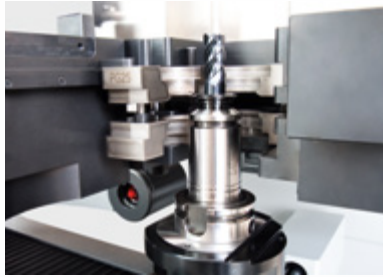
presetting and measuring machine. That means the highest clamping force, strong vibration dampening, and long tool life – **for maximum quality and efficiency in your manufacturing processes!**



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Subject to technical modifications. The depicted machines may include options, accessories, and control variants. Delivered products have product safety labels in accordance with ISO 3864-2 or ANSI/NEMA Z535-4. BRREGOFIX.00-EN 08/2016.

# The Perfect Combination of Precision and Process



Maximum clamping force thanks to the REGO-FIX powRgrip® System – Set to length with maximum precision thanks to ZOLLER »venturion«. This powerful combination of tool clamping and setting in a single system guarantees maximum parts quality and economic efficiency in your manufacturing processes.



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with powRgrip® clamping system

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