



REGO-FIX® Systems

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1.1 **Features and Benefits
of REGO-FIX® Products**

1.2 **Overview
Toolholder Program**

ER *SYSTEM*

1.3 **Features and Benefits**

1.4 **Program Overview**

powRgrip *SYSTEM*

1.5 **Features and Benefits**

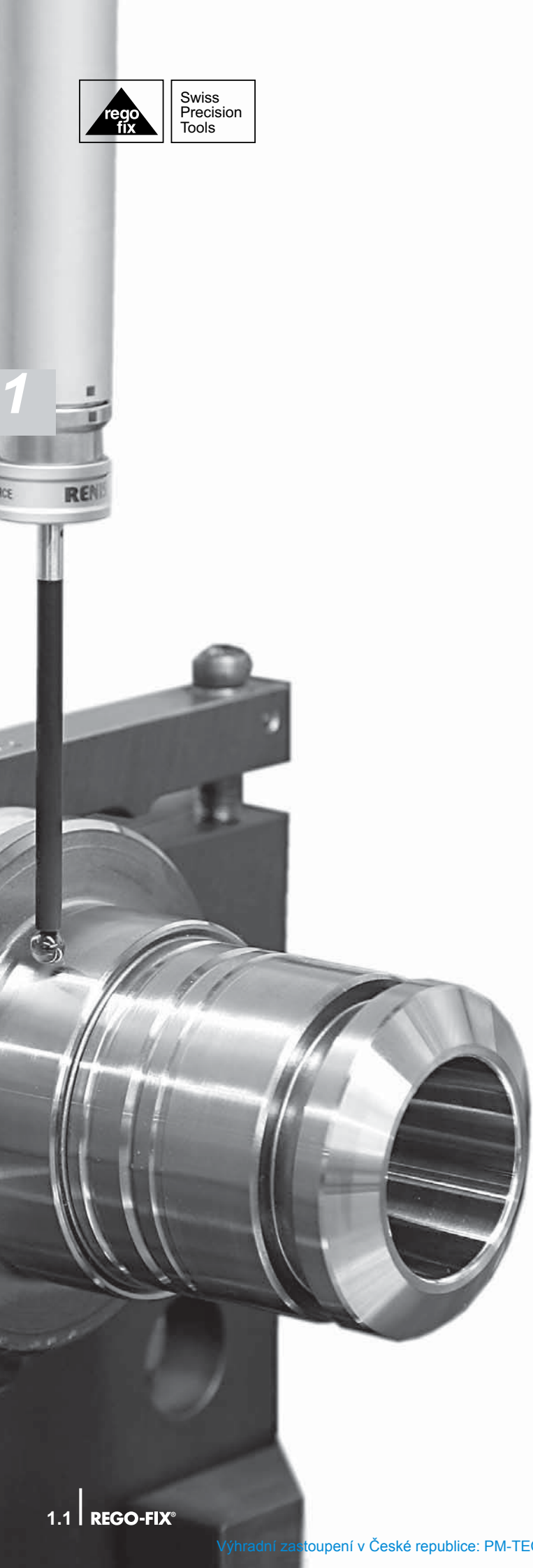
1.6 **Program Overview**





Swiss
Precision
Tools

1



Program Overview

Features | Benefits

Swiss Quality

Made in Switzerland to ISO 9001/ISO 14001. High-grade, specially formulated case hardened spring steel guarantees durability and increased tool life.

Original REGO-FIX®

Look for the special REGO-FIX® quality seal \triangle .

100% Quality Assurance

Every REGO-FIX® product is quality checked.

Product Traceability

Lot number marking on all products for traceability through the entire manufacturing process.

Quality Assurance Lab

3D-, CMM-technology and microscopic analysis, length-, angle-, roundness-, run-out-, balancing-, torque and hardness measuring equipment.

Calibration

Traceability to external calibration service and to the Federal Office of Metrology (METAS).

Testing Laboratory

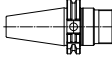



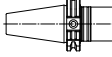



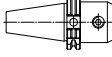


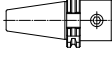


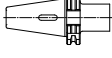


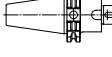

















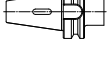






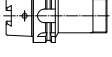



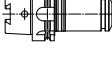



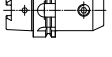


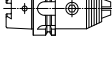


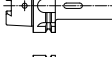


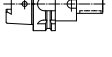











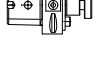


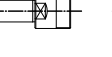



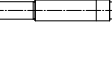



For failure analysis, life-tests and applications engineering.

Matched Tooling System

All REGO-FIX® components are matched for best fit. The compatibility of the whole system results in the maximum precision, balance and tool life.

Toolholder Program

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TC DIN 69871	5	ER				
	5	PG				
	5	WD				
	5	KBF				
	5	MK				
	5	KFD				
BT MAS 403	6	ER				
	6	PG				
	6	WD				
	6	KBF				
	6	MK				
	6	KFD				
HSK DIN 69893	7	ER				
	7	PG				
	7	WD				
	7	KBF				
	7	MK				
	7	KFD				
CAPTO	8	ER				
	8	PG				
	8	MA				
CYL	9	ER				
	9	PG				



Swiss
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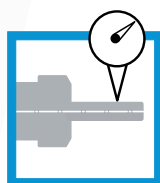
ER
SYSTEM

Features | Benefits

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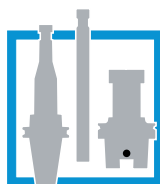
The Original – from the inventor of the ER System – only genuine with the \triangle seal



Best T.I.R. on the ER market with $\leq 5 \mu\text{m}$ accuracy of the collet over its entire clamping range



Clamps all type of toolshanks and materials



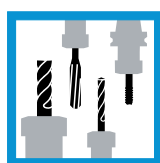
The broadest ER System program in the world



High vibration dampening results in longer tool life and best surface finish



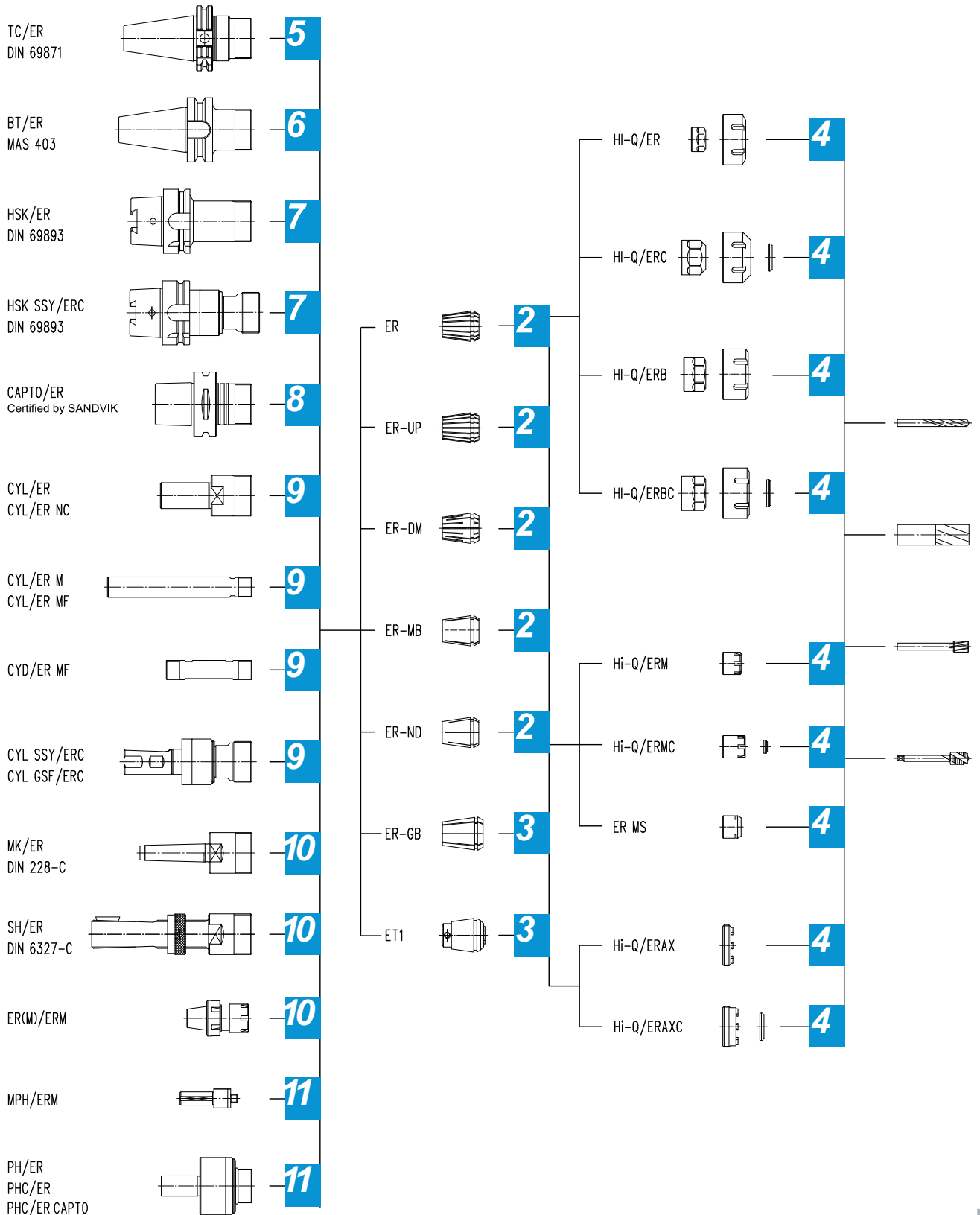
Wide clamping range for all diameters from 0.2-36 mm



Flexibility for use with all tool types

ER SYSTEM

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Swiss Precision Tools

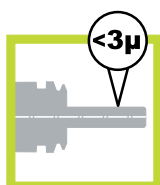
PG powRgrip® SYSTEM

Features | Benefits

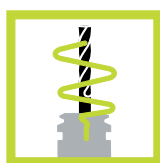
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Clamping with clamping operation in less than 10 sec.



T.I.R. of $<3\mu$



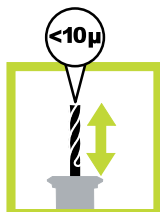
High vibration dampening due to optimum rigidity and to interfacing surfaces toolholder-collet, collet-tool



Highest transferable torque and superior T.I.R., even after 20 000 tool changes



Clamps all types of toolshanks and materials in h6 tolerance from $\varnothing 0.2 - 25.4$ mm (for PG-TAP collets taps and cold forming tools in h9 tolerance)

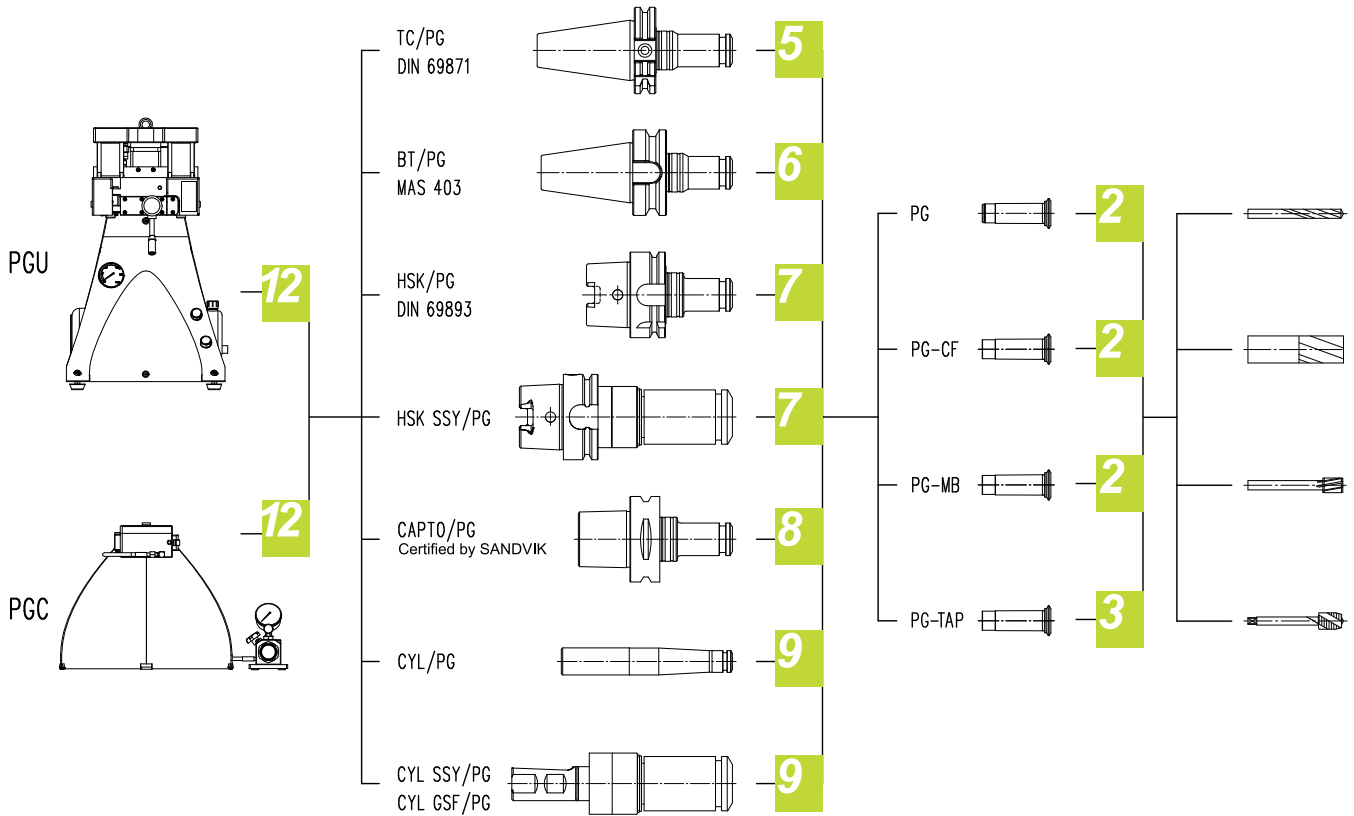


Precise length adjustment repeatability $<10\mu$

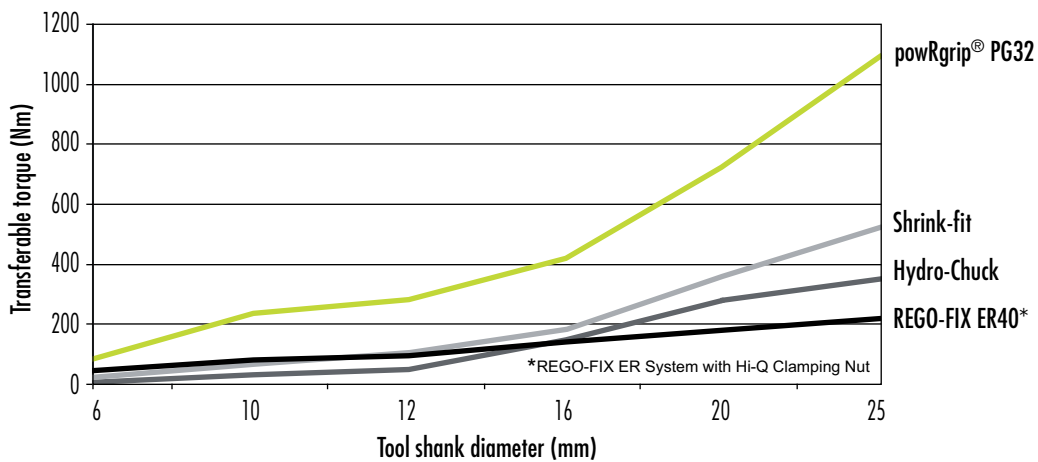


Developed for highest productivity such as HSC/HPC

powRgrip_{SYSTEM}



Transferable Torque of the powRgrip® System



Application example see
video.powRgrip.ch