



powRgrip[®] System

The ambitious toolholding system

www.rego-fix.com

REGO-FIX 

Meet high machining demands

powRgrip® clamps tools using an innovative press-fit technology. PG convinces with excellent runout, high clamping force and high vibration dampening as well as easy and secure handling. This makes powRgrip® the ideal solution for milling, drilling and reaming.

The powRgrip® System consists of

- // High-precision powRgrip® collet
- // powRgrip® colletholder
- // powRgrip® clamping unit (automatic or manual)

How the powRgrip® System works

- // Insert the powRgrip® collet into the powRgrip® colletholder
- // Insert the cutting tool into the powRgrip® collet
- // Clamp collet and cutting tool into the powRgrip® colletholder with a powRgrip® clamping unit PGU (automatic) or PGC (manual)



Automatic clamping unit PGU



Manual clamping unit PGC



Cutting tool

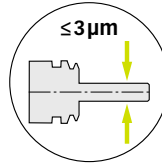


powRgrip® collet

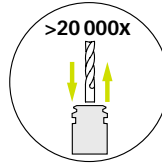


powRgrip®
collehoder

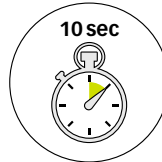
Key advantages of powRgrip®



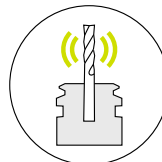
Total system runout
TIR $\leq 3 \mu\text{m}$ at $3 \times D$.



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



Tool ready for use in
less than 10 seconds.



Excellent vibration
dampening.

Learn more at
rego-fix.com/en/products/system/powrgrip



The diversity of powRgrip® collets

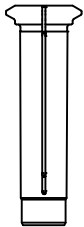
powRgrip® offers you numerous possibilities:

Discover the PG universe

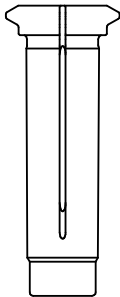
- // Clamp your tools from 0.2 to 25.4 mm shank diameter in PG sizes 6 to 32
- // PG-CF collets for peripheral cooling
- // PG-S and PG-L collets for short and long shanks
- // PG-TAP collets for tapping
- // PG-T collets for turning solutions

Actual size*

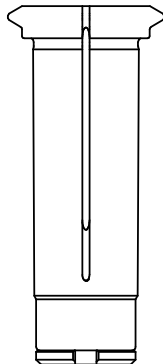
*Minor printing
deviations possible.



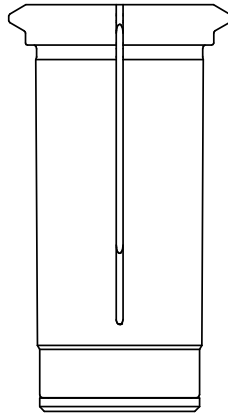
PG 6



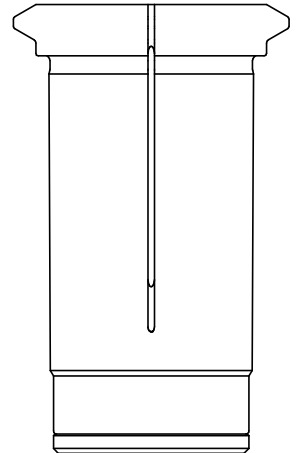
PG 10



PG 15



PG 25



PG 32

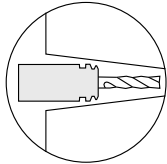
XL vibration dampening

Extra length for more flexibility

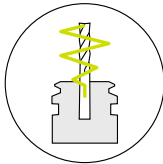
Our new XL colletholders with vibration dampening are ideal for all machining processes where standard holders are too short. Dampening the vibrations faster means that your cutting tool, part and spindle will see less vibrations resulting in better surface finishes, longer tool life and less spindle wear.

// New also available in PG-32

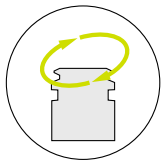
Key advantages



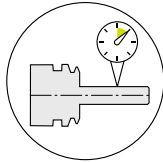
Minimal outside dimensions:
long and slim design.



Exclusive vibration
dampening design.



Balanced by design.



Total system runout
TIR $\leq 10 \mu\text{m}$ at $3 \times D$.



secuRgrip® for 100% pullout protection

The secuRgrip® threaded insert is designed to fit in any tool with a Weldon flat. So you can use any tool of your choice. In combination with our PG secuRgrip® collet, we offer the ultimate tool pullout protection at a competitive price.

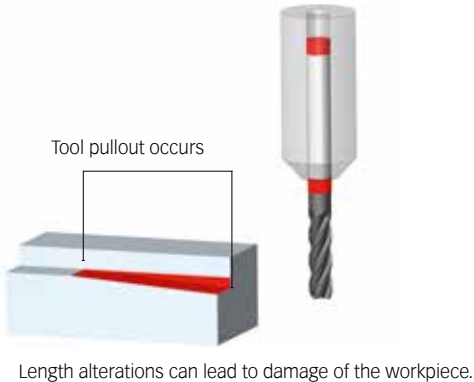


Threaded insert for Weldon flat

Avoiding length alterations caused by tool pullout results in improved process reliability and ultimately improves your overall machining productivity. Our secuRgrip® solution is available for PG 15, PG 25 and PG 32 – just the right sizes when it comes to rough machining.

- // No additional costs for replacing damaged tools, thanks to PG secuRgrip®
- // No modification of the tool shank is required
- // Extra protection for worry-free machining, especially with expensive work pieces
- // Unsurpassed security against tool pullout is provided by the optional secuRgrip® clamping nut

What does secuRgrip® avoid?



All-new Heavy Duty secuRgrip® toolholders

The new Heavy Duty secuRgrip® toolholders are far more rigid than standard holders. And they include secuRgrip design for 100% protection against tool pullout.

- // Includes secuRgrip® design to prevent pullout
- // Most designs retain the use of balance rings
- // Fits existing powRgrip® clamping units
- // Far more rigid than standard holders
- // Increases feed rates to maximize tooling efficiency
- // Better surface finish with less deflection



Get in touch

We love to talk to you and share
our toolholding expertise
to maximize your productivity.

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