

powRgrip Vs. Shrink

	powRgrip	Shrink-Fit
Method of insertion	9 ton hydraulic press or 6 ton hand pump unit.	700 degree induction heater, contact heater or hot air system.
System Principle	Press fitting of a tapered collet into the holder	Heat is used to expand the material allowing the tool to be inserted
User safety	Door interlocks	Exposed super heated holder. Strict handling controls required, asbestos gloves may be required
Life cycle	over 20,000 regardless of tool diameter	50-5000 depends on tool size and operator expertise
Tool Range	0.2mm - 1"	1/8" to over 2"
Applications	Drilling, reaming, milling, tapping	Drilling, reaming, milling
Presetting	Built in back-up screw allows presetting to 0.0004"	Requires induction presetter (\$75K) and operator expertise.
Balance options	Most holders can accept Hi-Q balancing rings for fine balancing at any time.	Fine balancing can only be done via material removal on most holders
Long reach	over 14" holders available	over 14" holders available
Flexibility of the system	Each holder can hold the entire diameter range of collets for that series. 1 holder any size collet.	Each holder can only hold 1 size. A holder is required for each different size.
Coolant through	Metallic sealed and coolant flush options	Metallic sealed and coolant flush options
Cutting tools	All round shank tools	Carbide, cobalt and limited HSS depending on the size. HSS tends to expand with the holder and can not be removed easily.
TIR	0.00012"	0.00012"
Clamping force	1100Nm @ 1"	600Nm @ 1"
Vibration dampening	Excellent - multi-piece construction dampens vibrations	Poor - transmits vibrations directly to spindle or part.
Tool Change	10 seconds	2-3 minutes for tool change and cool down

REGO-FIX TOOL CORPORATION

7752 Moller Road
Indianapolis, IN 46268 USA

Toll Free: 800.999.7346
Phone: 317.870.5959
Fax: 317.870.5955

Email: info@rego-fix.com
www.rego-fix.com

Made in
Switzerland

