powRgrip® System

Heavy Duty secuRgrip® Toolholders

REGO-FIX

All-new Heavy Duty secuRgrip® Toolholders for the powRgrip® toolholding system

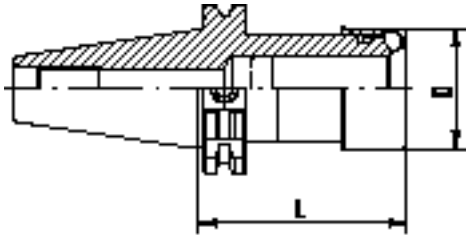
Type	Part no.	Dimensions [mm] D	L	Accessory FWR ...*
HD-SG toolholders				
HSK-A 63 / PG 25 HD-SG x 100 H	5563.82550	46	100	405
HSK-A 100 / PG 25 HD-SG x 100 H	5500.82550	46	100	405
HSK-A 100 / PG 32 HD-SG x 106 H	5500.83250	55	106	505
HSK-A 100 / PG 32 HD-SG x 160 H	8020.55007	55	160	505
HSK-A 125 / PG 25 HD-SG x 105 H	5502.82550	46	105	405
HSK-A 125 / PG 32 HD-SG x 112 H	5502.83250	55	112	505
CAT 50 / PG 25 HD-SG x 6" H	5350.82571	46	6"	405
CAT 50 / PG 32 HD-SG x 4.3" H	5350.83251	55	4.3"	505
CAT 50 / PG 32 HD-SG x 6" H	5350.83271	55	6"	505

Included in delivery: secuRgrip® toolholder with secuRgrip® safety nut.

** Balancing rings H: Ready to accept balancing rings*

Key features

// Up to 2 times more rigid than standard holders
// Includes secuRgrip® design to prevent pullout
// Most designs retain the use of balancing rings
// Fits existing powRgrip® clamping units
// Increased feed rates to maximize efficiency
// Better surface finish with less deflection



What is powRgrip®

REGO-FIX's powRgrip® (PG) System is a unique collet-holding system that utilizes a special shallow-tapered collet, which is pressed into a holder with a matching taper. This state-of-the-art system uses either a hydraulic hand pump or a tabletop hydraulic press specifically designed to quickly insert these collets with up to nine (9) tons of force.

Total system runout TIR ≤ 0.0001» (3 µm)

Our holistic system consists of a powRgrip® colletholder and collet. All components together ensure best runout and accuracy.

Colletholder runout TIR ≤1 µm

Measured from collet cavity to outer shank.

Surface finish max. Ra 0.25

Achieve high clamping force and high transferable torque.

Minimal outside dimensions

Slim design provides more machining flexibility.

Swiss Quality

Made in Switzerland to ISO 9001/ISO 14001.

Hi-Q® balancing system

Ready to accept Hi-Q balancing rings which offset the imbalance introduced by the cutting tool, up to 80,000 rpm.

Fast

Tool clamping with hydraulic press <10 seconds.

Pre-setable tooling system

Repeatability <0.0004" (10 µm)

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REGO-FIX