



Simply - the best in the Industry

Robins exclusive patented multi-angle seat tooling eliminates the need for bounce springs. Robins patented tooling holds the ball driver firmly, yet allows the sphere to float during seat cutting. This eliminates the trouble-some bounce springs but gives you the ultimate in valve seat concentricity.

Robins Machines offer a wide range of tooling & fixtures for machining variety of cylinder heads as well as all the required operations from seat cutting, guide finishing to injector tube machining.



Get more Life with Ruby-hard premium inserts



Concen Gage



Remove old seats easily



Chatter-free Finish




Lapping & Sharpening Units



Unique Cyl. Head Fixtures

FEATURES & TOOLING

- ROBINS Patented Spring Free Tooling
- Live & Fixed Carbide Pilots.
- Roll-over & Tilt Fixtures.
- 3-angle cutting inserts - Edge Honed & Sub-Zero treated for longer life.  Inserts
- Tooling For Aircraft Cyl. Heads.
- Tooling For All Makes of Seat & Guide Machines.

- Seat Roundness 0.0001" (0.002 mm)
- Seat To Honed Guide Concen 0.0002" (0.005 mm)

SG 7 Capacity

• Cylinder Head Size (in Roll Fixture)	32 x 10 x 6" (812 x 254 x 152 mm)
• Spindle Tilt	± 15 Degrees
• Spindle Dia	56 mm
• Spindle Stroke	175 mm
• Spindle Speed	80-440 RPM
• Surface Finish	0.5 - 1.25 µmRa
• Micro Fine Feed	Yes
• Spring Free Tooling	Yes

ROBINS the same company supplying high-end Seat & Guide Equipment and Valve Refacers since 2002, is now offering High Precision, Low Cost Seat & Guide Equipment with Patented Quick-Change spherical Spring-Free-Tooling, designed for cylinder heads up to 44" and featuring a simple foot-print.

ROBINS Seat & Guide, Valve Refacers, Combo Cylinder Boring & Surfacing, Mini Cylinder Boring & Honing and Guide Honing machines are the perfect solution to get your business started.