



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 troublesome 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.



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 5 Capacity

• Cylinder Head Size (in Roll Fixture)	23 x 10 x 5" (585 x 254 x 127 mm)
• Spindle Tilt	± 10 Degrees
• Spindle Dia	56 mm
• Spindle Stroke	145 mm
• Spindle Speed	80-500 RPM
• Surface Finish	0.5 - 1.25 µmRa
• 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.