

GSI

WESTWIND®

TM

Industrial Spindles



Industrial Spindle Features

- Speeds from 500 rpm to 180,000 rpm
- Motor powers up to 20kw

With an extensive range of well-proven air bearing spindle designs, many to solve specific problems experienced by companies using traditional bearing systems, Westwind air bearings have proved successful even in the harshest of manufacturing environments around the world.

As a major OEM supplier for many years, typical Westwind industrial air bearing spindle applications include:

- High speed internal and external grinding
- Engraving and light milling
- Optical glass machining
- Diamond turning

Advantages of air bearings for industrial applications:

- Ultra smooth rotation giving superior finish
- High speed rotation for maximum productivity
- Very low vibration and runout for extended life
- Long spindle life due to non-contacting air bearing surfaces
- High stiffness bearings for accurate geometry of workpiece



About Westwind:

Westwind Air Bearings is a world leader in air bearing spindle systems. In today's PCB drilling industry there are more Westwind spindles in use than any other. Westwind's head office is based in the UK, with additional office & manufacturing facilities in the People's Republic of China, Taiwan and Japan. Furthermore, service and sales support is available worldwide through our extensive network of approved service centres. Westwind is a division of GSI Group.

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