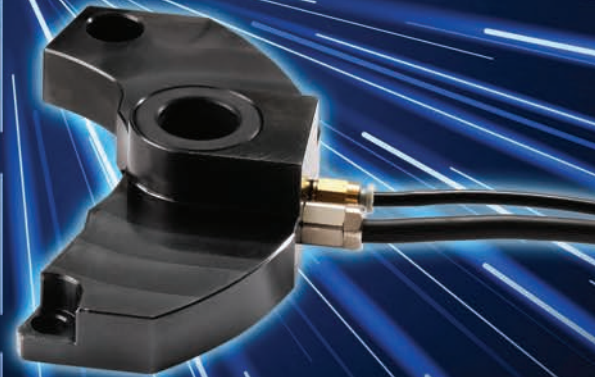


AUTO PILOT ENGAGED



Fully Tool-Changeable
Electric Spindles to Increase
Your Machine Tool Speed

iSpeed5 ELECTRIC SPINDLES FOR MACHINING CENTERS

- 60,000 rpm and 80,000 rpm Available
- Ideal for Lights-Out Operation
- Transforms CNC Machines into High Speed Machining Centers
- No Wear on Machine Spindle
- Ultra-Precision Ceramic Bearings for High Speed Performance
- Air-Cooling System
- Small Diameter Drilling and Milling
- Large Variety of Tapers Available



NSK AMERICA CORPORATION

The **iSpeed5 System** primarily consists of a motor spindle, stop block, air pressure switch and control unit. Power, cooling air, and control signals are provided to the spindle when engaged to the innovative electro-mechanical stop block that attaches to your machine tool spindle.



FEATURES

- The iSpeed5 is created for continuous lights out manufacturing even in the case of cutting fluids and coolants.
- The internal air passage allows the pressurization and cooling of the system while preventing the entry of contaminants into the stop block.
- **Maximum 60,000 / 80,000 rpm** - Variable speed units
- **Maximum Motor Power Output 350W**
- **Available Collets**
NR3060S: CHK diameter \varnothing 0.5mm ~ \varnothing 6.35mm
NR3080S: CHA diameter \varnothing 0.5mm ~ \varnothing 4.0mm

SYSTEM CHART



*CAT40/BT40/HSK63A weigh less than 9lb. CAT50/HSK100A weigh less than 13lb.

HANDY CONTROLLER



The iSpeed5 handy controller allows hand-held operation of the system from a distance. The device features all of the same buttons and functions as the main controller, including speed adjustment, reverse and reset.

STOP BLOCK



The iSpeed5 stop block integrates with the iSpeed5 controller in order to make automatic tool change possible. The stop block shape and size are unique to your machine brand and model. Please contact your NSK Sales Representative for inquiries.