

IBAG Micro Line Means More!



The world's most compact and powerful high speed spindles for Swiss machining.

- More compact spindles to fit more machines
- More tool accuracy-less than 1 micron TIR
- More applications-turret mounted spindles
- More user-friendly-easier to install
- More cycle time savings for faster ROI
- Spindle sizes: 16, 19, 20, 22, 25 and 33 mm diameter
- Spindle speeds to 120,000 RPM
- Power to 390 watts
- ROI from the start



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Standard Spindles-60,000 RPM*

Model Number	O.D. mm	Length mm	Power S1 watts	Power S6 watts	Collet System
HT25S100	25	102	180	234	ER8-UP
HT22S100	22	105.5	150	196	ER8-UP
HT20S100	20	94	126	164	D6-UP
HT19.5S100	19.5	94	126	164	D6-UP
HT19S100	19	94	126	164	D6-UP
HT16S100	16	94	125	150	D6-UP
HT33S60	33	146	300	390	ER-8UP

Short Spindles-60,000 RPM

Model Number	O.D. mm	Length mm	Power S1 watts	Power S6 watts	Collet System
HT25S060S	25	79.5	84	109	ER-8UP

Right Angle Spindles-60,000 RPM*

Model Number	O.D. mm	RA Adapter Mount mm	Length mm	Power S1 watts	Power S6 watts	Collet System
HTR25S060S	25	22/25	93	84	109	ER8-UP
HTR25S100S	25	22/25	93	180	234	ER8-UP
HTA25S60CPS	25	22/25	118	84	109	ER-8UP

Back Working Spindles-60,000 RPM*

Model Number	O.D. mm	Length mm	Power S1 watts	Power S6 watts	Collet System
HT25S060S-90	25	67.5	84	109	ER-8UP
HT25S100CPS	25	65.64	180	234	ER-8UP

Available in 16, 19, 05, 20, 22, 25, and 33mm

Special Spindles-60,000 RPM*

Model Number	O.D. mm	Length mm	Power S1 watts	Power S6 watts	Collet System
HT16S100S-90	33	83.97	120	156	D6-UP
HT25S060S-92	25	103.3	180	234	ER-8UP

Extended Spindles-60,000 RPM*

Model Number	O.D. mm	Length mm	Power S1 watts	Power S6 watts	Collet System
HT25S100ES-00	25	133.5	180	234	ER-8UP
HT22S100ES-01	22	162.5	150	196	ER-8UP

Rotary Coupling-Electric/Pneumatic Slip Ring for Turret Machines

Model Number	Diameter	Length	Rating	Max. Turret Speed
Rotary Coupling for 2 Spindle	3.35"	2.75"	IP67	500 RPM
Rotary Coupling for 4 Spindle	3.35"	3.6"	IP67	500 RPM

Standard speed lubrication system: grease. 80,000 RPM optional w/oil mist lubrication
100,000 RPM option w/oil mist lubrication and cooled spindle bracket

Mega3S collet system available in lieu of the ER8-UP System

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Optional Equipment

- Spindle Selector Box-2 or 4 Spindle available
- Converter ■ Filter Regulator
- Small Spindle CNC Interface



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