

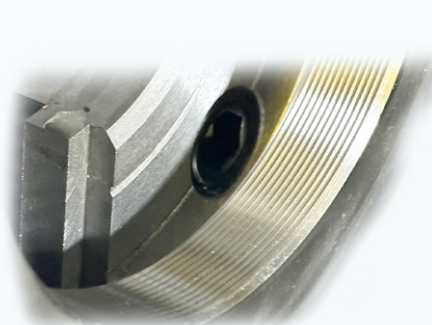
SMKI503A

CNC Internal Thread Grinder



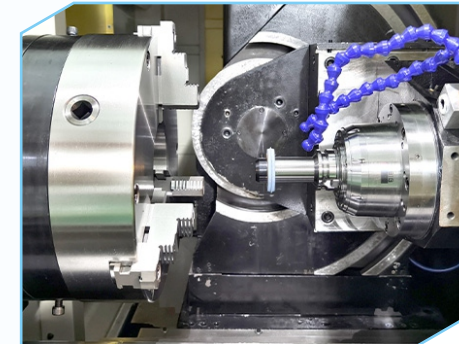
Large diameter internal thread grinding

- The machine can grinding $\Phi 70$ -360mm large internal thread , such as gauge, screw nut
- Automatically swiveling $\pm 25^\circ$ A axis for efficient thread grinding
- 2th development user friendly interface will be easy setting program through drawing

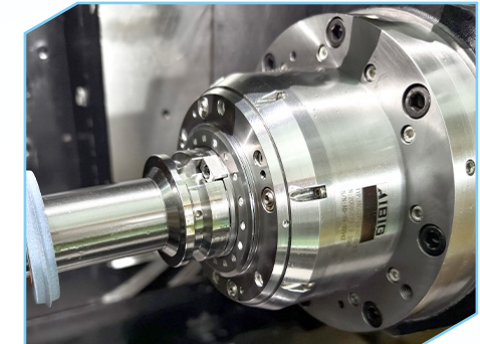


STANDARD CONFIGURATION

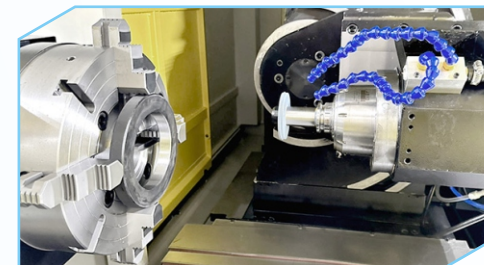
- Siemens 828D control system
- Internal grinding spindle
- X/Z/C axis encoder
- Cutting fluid filtration system
- Spindle coolant system
- Compressed air drying device
- Cabinet air condition
- Automatic lubrication system
- Oil mist collector
- 4-jaw chuck
- Diamond dressing wheel device



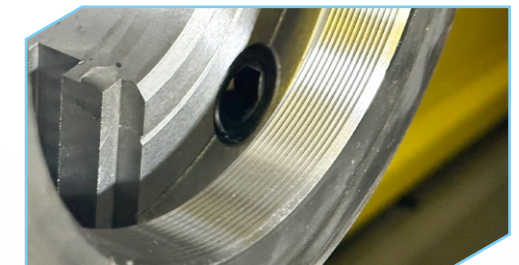
Large torque headstock for clamping big size workpiece



Faster change grinding holder with BBT40 spindle



Helix angle $\pm 25^\circ$ for internal thread grinding



Thread surface Ra 0.4 μ m after grinding

TECHNICAL SPECIFICATION:

Model			SMKI503A
Capacity	Grinding thread diameter	mm	$\Phi 70$ - $\Phi 360$
	Max.length of grinding thread	mm	200
	Center height	mm	250
	Helix angle		$\pm 25^\circ$
	Max.workpiece weight	kg	150
Wheel head	Max.spindle speed	rpm	20000
	Spindle power	kW	20
	Spindle taper		BBT40
Wheel dresser	Dressing wheel size(OD×ID×W)	mm	$\Phi 100$ -150× $\Phi 25$ ×30
	Max.spindle speed	rpm	6000
Headstock spindle	Headstock speed	rpm	0-100
	Rated torque	Nm	300
X/Z axis	X/Z axis travel	mm	350/500
	X/Z Servo motor torque	Nm	16/27
A axis	A axis swing angle		$\pm 25^\circ$
	A axis motor torque	Nm	16
Other	Total power	kW	30
	Machine size (L×W×H)	mm	3000×2600×2000
	Machine weight	T	8