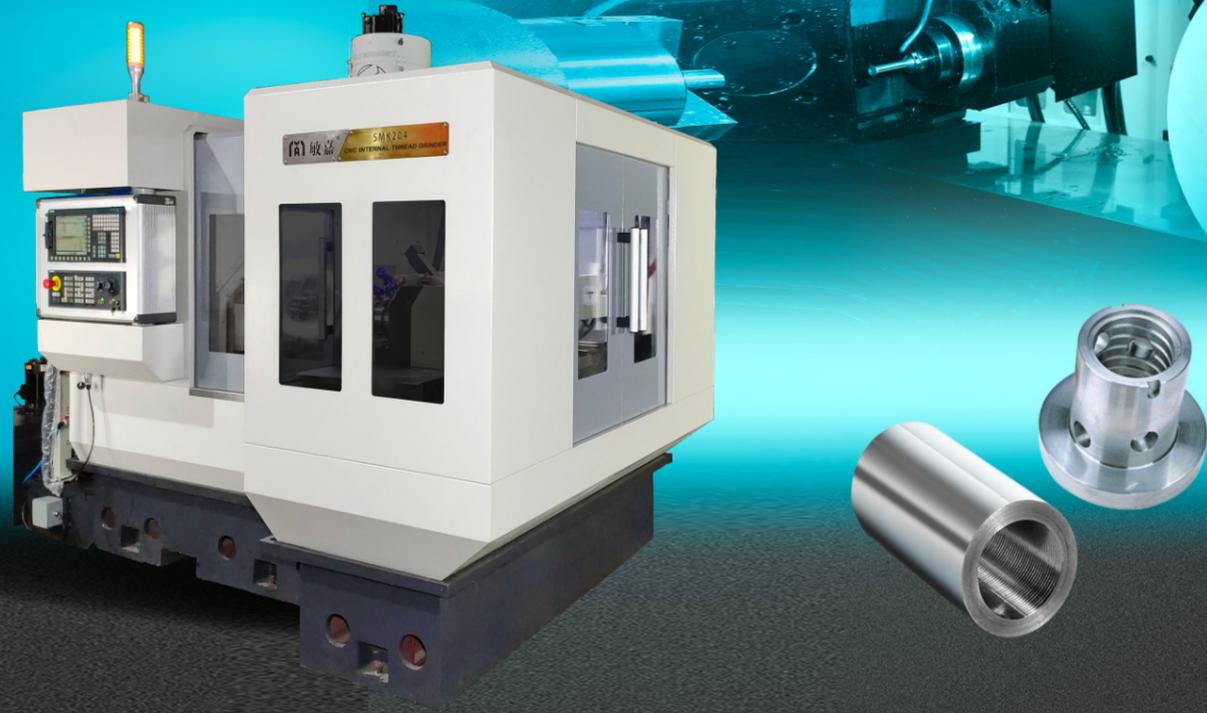


# SMK304

## CNC Internal Thread Grinder



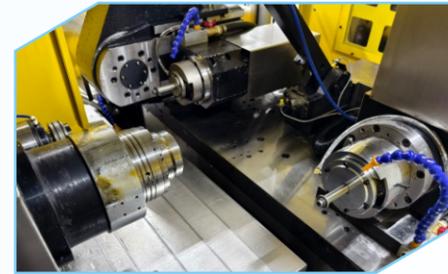
### High effective grinding internal thread

- The machine is a precision suitable for grinding all type internal thread ,such as ball nuts , thread gages
- Mixed mineral casting get better in vibrating and heat distortion
- 2th development user friendly interface will be easy setting program through drawing
- Two grinding spindle with different process to improve efficiency

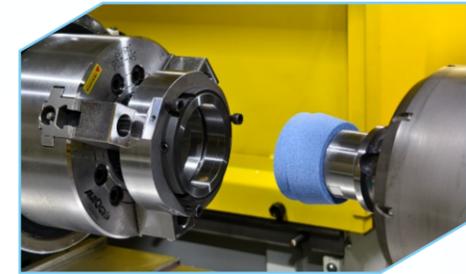


### STANDARD CONFIGURATION

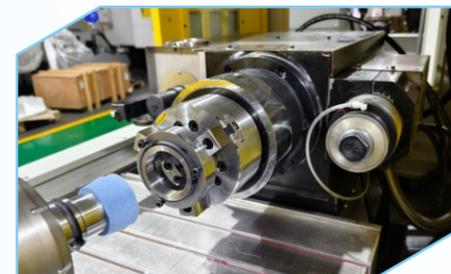
- Siemens 828D control system
- Internal grinding spindle ×2
- X/Z/C axis encoder
- Cutting fluid filtration system
- Spindle Oil cooler
- Compressed air drying device
- Cabinet air condition
- Automatic lubrication system
- Oil mist collector
- 3-jaw chuck
- Diamond dressing wheel device
- Workpiece axial positioning probe



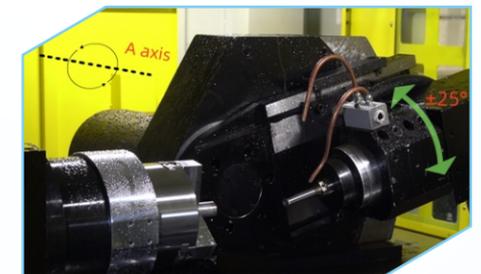
Two grinding spindle with different process to improve efficiency



Different grinding ID size with different spindle speed



Diamond wheel and pen use for dressing thread profile



A axis automatic swiveling to let helix angle R/L 25°

### TECHNICAL SPECIFICATION:

Model	SMK304		
Capacity	Grinding internal thread diameter	mm	Φ10~Φ100
	Max.grinding internal thread length	mm	150
	Grinding diameter	mm	150
	Helix angle		R 25°/ L 25°
Grinding wheel spindle 1	Max.spindle speed	rpm	16000
	Spindle power	kW	15
	Spindle taper		BBT40
Grinding wheel spindle 2	Max.spindle speed	rpm	30000
	Spindle power	kW	5
	A axis swing angle		0-25°
Diamond wheel	Wheel size(OD×ID×TH)	mm	Φ100×Φ25×30
	Max.spindle speed	rpm	6000
Headstock spindle	Spindle speed	rpm	0~100
	Rated power	kW	9.5
X/Z axis	Axis travel (X/Z)	mm	550/350
	Servo motor (X/Z)	Nm	8
Other	Total power	kW	20
	Machine size(Length×width×height)	mm	3300×3200×2810
	Machine weight	T	8