

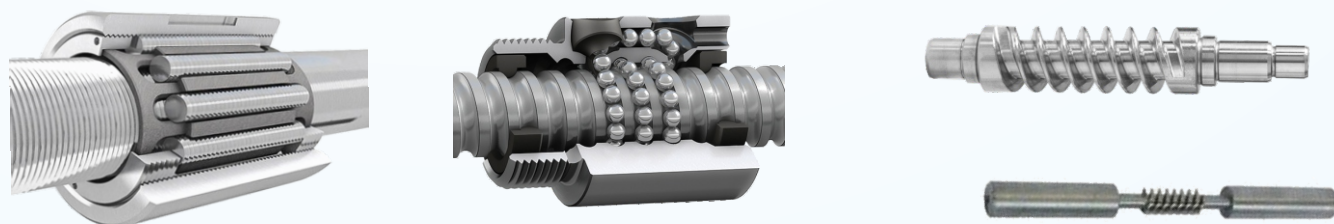
SWM1503

CNC External Thread Grinder



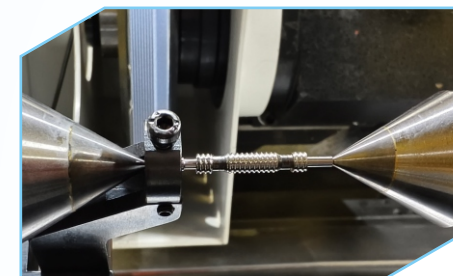
Grinding External Thread -Circular

- The machine base and bed design together ,and adopt mixed mineral for guarantees high dimensional accuracy
- Suitable grinding external different type thread, such as ball screw, worm shaft, rolling dies, guage
- Grinding helix angle $\pm 25^\circ$ and multi-starts thread ,mini pitch 0.3mm
- Automatic wheel wearing compensation

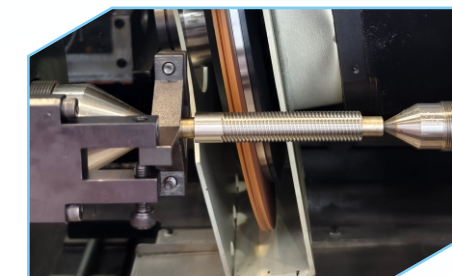


STANDARD CONFIGURATION

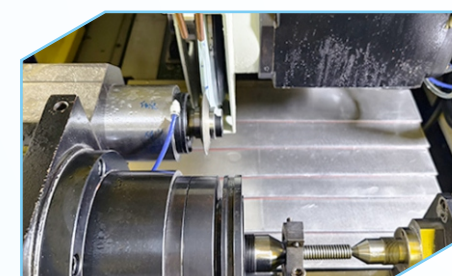
- Siemens 828D control system
- External grinding motor spindle.
- Heidenhain grating ruler X/Z/C axis
- Cutting fluid filtration system
- Spindle coolant system
- Compressed air drying device
- Cabinet air condition
- Automatic lubrication system
- Oil mist absorber
- Heart-shaped clamping
- Manual Tailstock
- Grinding wheel balancing instrument



Small diameter grinding



Multi-starts thread grinding



Diamond dressing wheel device



Automatic workpiece axial positioning probe

TECHNICAL SPECIFICATION:

Model		SWM1503	
Capacity	Max.length of grinding thread	mm	300
	Max.grinding diameter	mm	200
	Max.distance between center	mm	310
	Grinding helix angle		$\pm 25^\circ$
Machining accuracy	Pitch deviation	mm	0.004
	Thread surface roughness	μm	0.32
Wheelhead	Dressing wheel size(OD×TH×ID)	mm	$\Phi 500/10-25/\Phi 305$
	Spindle speed	min-1	50-3000
	Motor power	kW	7.5
Wheel dresser	Dressing wheel size(OD×TH×ID)	mm	$\Phi 80 \times \Phi 25 \times 30$
	Max.spindle speed	rpm	6000
Headstock	Spindle speed	rpm	0-100
	Motor power	kW	10.35
X/Z axis	Travel	mm	350/500
	Mini. feed	mm	0.001
Other	Machine weight	T	8.5
	Machine size(L×W×H)	mm	3300×2950×2150