Boring

Machine classification: Function	Structure	Number of work heads	Ring type	Piston ring and (sleeve) manufacturing process classification: Process	Machining spot	Machining shape	Number of work	Work clamping system	Work head side	Tailstock side	Closing sleeve	Number of 1-cycle machining	Possible machining: Inside diameter	Outside diameter	End surface: Single-side	End surface: Both-side	Chamfering	Grooving	Cutting-off	Milling	Drilling	Marking	Basic machine elements: Operation mode	Number of tool heads	NC control axis: X-axis	Y-axis	Z-axis	Others	Work transfer unit: In-stocker (Rail)	Loader	Unloader	Out-stocker (Rail)	Piston ring size (0 / 10 / 50 / 100 / 200 / 1000 / 2000)		
Boring	Hori-zontal	×	Pressure/oil	Intermediate	Outside diameter	Under-cut	Multiple	Both-side pressing (movable on bott sides)				Single	–	–	–	–	–	–	–	–	●	–	Full-auto	1	–	–	1	–	Rail	●	●	Rail	IUC-1-NC (60–100)	11410	24929
Boring	Vertical	×	Pressure/oil	Intermediate	Inside diameter	True circle	Single	Both-side pressing	Both-side pressing			Single	●	–	●	–	●	●	–	–	●	–	Full-auto	1	1	–	1	–	–	●	●	–	IGC-1 (60–140)	11420	11979
Boring	Vertical		Pressure/oil	Intermediate	Inside diameter	True circle	Single	Both-side pressing	Both-side pressing			Single	●	–	●	–	●	●	–	–	●	–	Full-auto	1	1	–	1	–	–	●	●	–	IGC-4M (200–400)	11420	11979

Piston ring: Ultra-small-sized | Small-sized | Medium-sized | Large-sized | Extra-large-sized

Cast Iron

Steel

Gasoline Engine

Diesel Engine