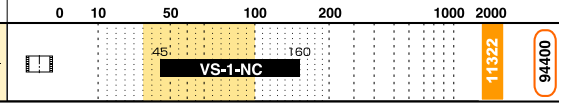
Previous process — Milling

Machine classification				Piston ring and (sleeve) manufacturing process classification																		Basic machine elements										Piston ring					
													Possible machining												NC control axis				Work transfer unit				Ultra-small-sized	Small-sized	Medium-sized	Large-sized	Extra-large-sized
Function	Structure	Number of work heads	Ring type	Process	Machining spot	Machining shape	Number of work	Work clamping system	Work head side	Tailstock side	Closing sleeve	Number of 1-cycle machining	Inside diameter	Outside diameter	End surface: Single-side	End surface: Both-side	Chamfering	Grooving	Cutting-off	Milling	Drilling	Marking	Operation mode	Number of tool heads	X-axis	Y-axis	Z-axis	Others	In-stocker (Rail)	Loader	Unloader	Out-stocker (Rail)	Cast Iron	Steel	Gasoline Engine	Diesel Engine		
Milling	Vertical	2	Pressure/oil	Pre-process		Split	Multiple		Single-side mandrel	–	–	Multiple	–	–	–	–	–	–	–	●	–	–	Semi-auto	2	–	1	–	–	–	–	–	–