

ROYAL
Royal Precision Tools Corporation

High Precision Spindles Solutions

Total Solution • State of the Art



PRECISION

STABILITY

RIGIDITY

EFFICIENCY

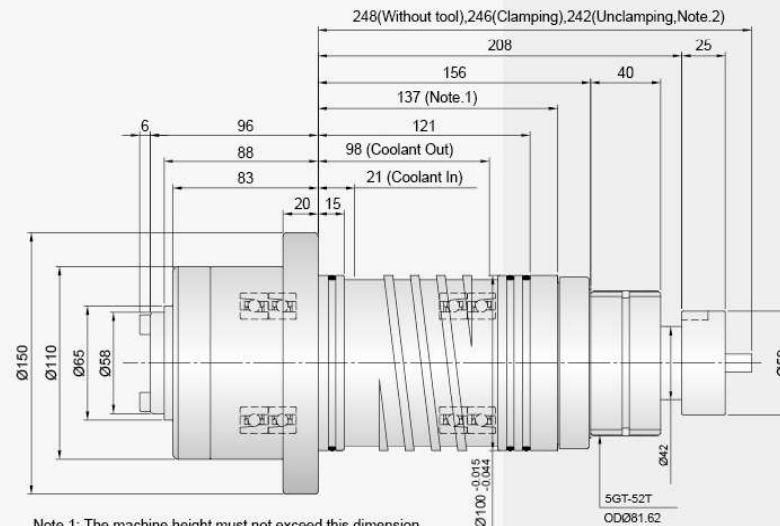
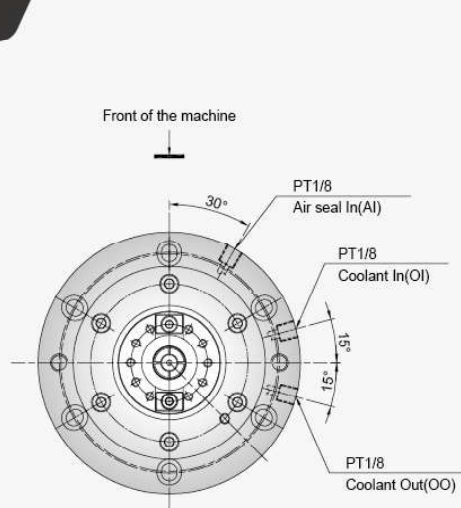
Belt-Drive Spindle

- ▶ High precision, high rigidity
- ▶ Easy repair, simple maintenance



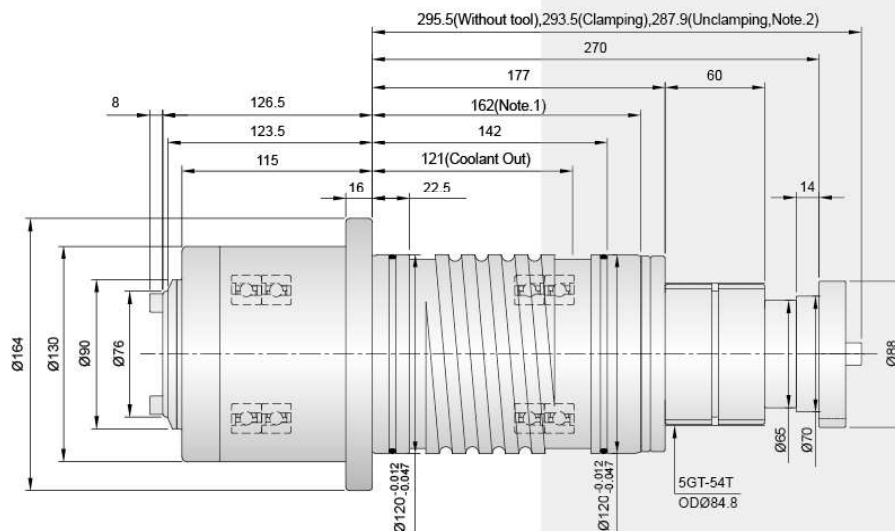
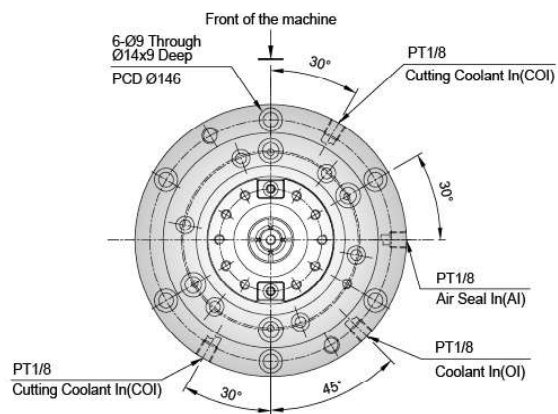
Model	Housing OD (mm)	Max. Speed (rpm)	Taper	Clamping force (kgf)	Bearing ID (mm)	Lubrication	Cooling	Weight (kg)	CTS
RB3002	Ø100	15000	BT30/BBT30	300±50	Ø50	Grease	Oil	Approx. 17	Optional
RB3021	Ø120	15000	BT30/BBT30	300±50	Ø60			Approx. 20	
RB4006		12000	BT40/BBT40	700±50	Ø60			Approx. 33	
RB4388	Ø150	12000	BT40/BBT40	1000±100	Ø70			Approx. 56	
RBH004			HSK A63	1800~2300	Ø70			Approx. 56	
RB4078	Ø155	12000	BT40/BBT40	1000±100	Ø70			Approx. 60	
RBH018			HSK A63	1800~2300	Ø70			Approx. 60	
RB5233			8000	BT50/BBT50	1500±100			Ø80	
RB5004	Ø190	10000	BT50/BBT50	1800±100	Ø100			Approx. 123	
RB5242	Ø200	10000	BT50/BBT50	1800±100	Ø100			Approx. 130	

RB3002



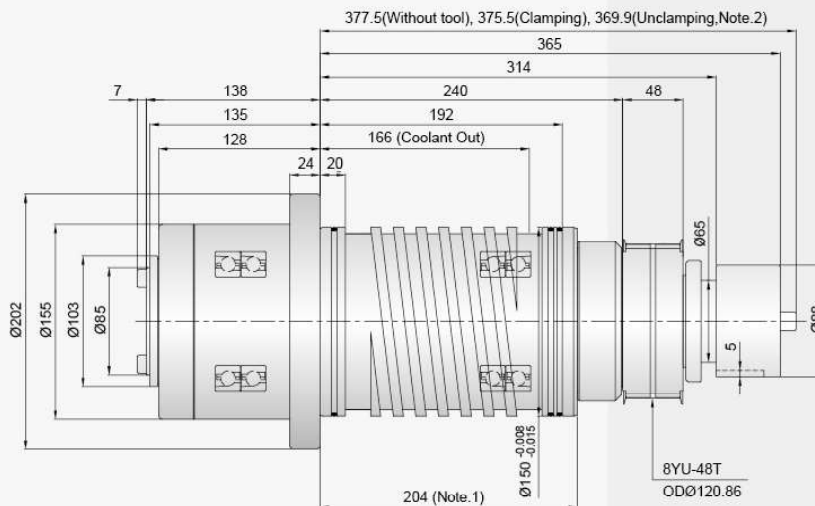
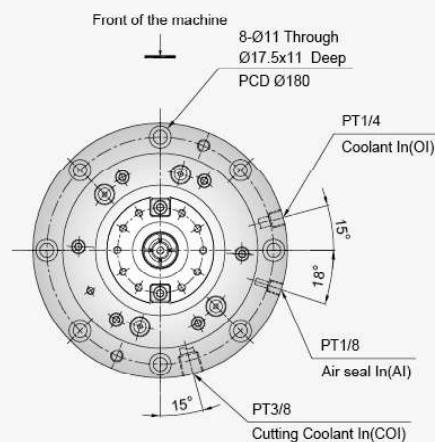
Note.1: The machine height must not exceed this dimension.
 Note.2: including an ejection of 0.5mm.

RB4006



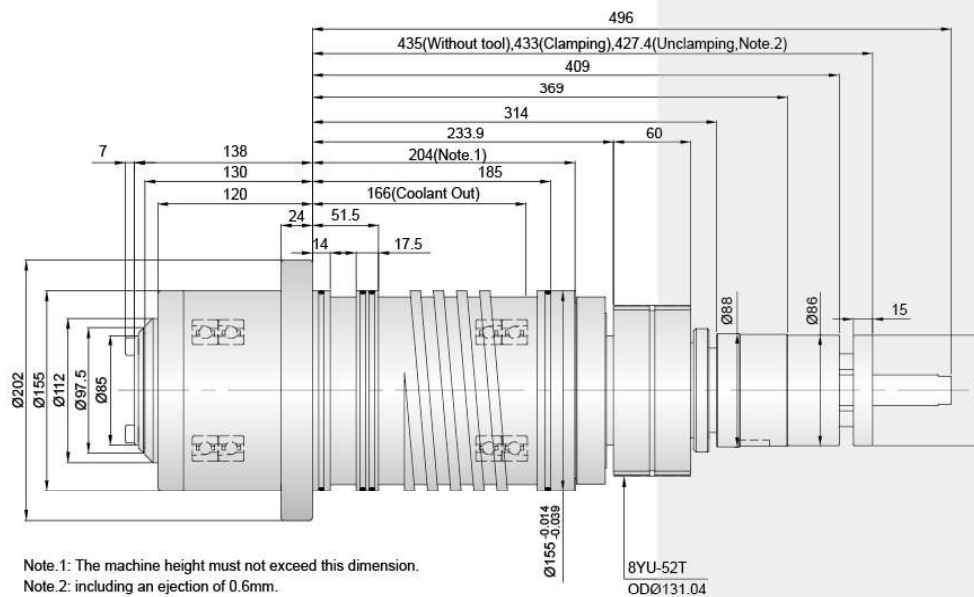
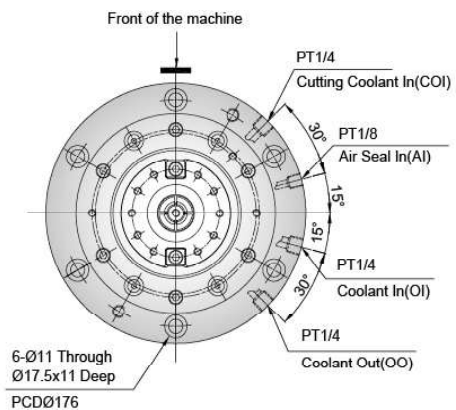
Note.1: The machine height must not exceed this dimension.
 Note.2: including an ejection of 0.6mm.

RB4388



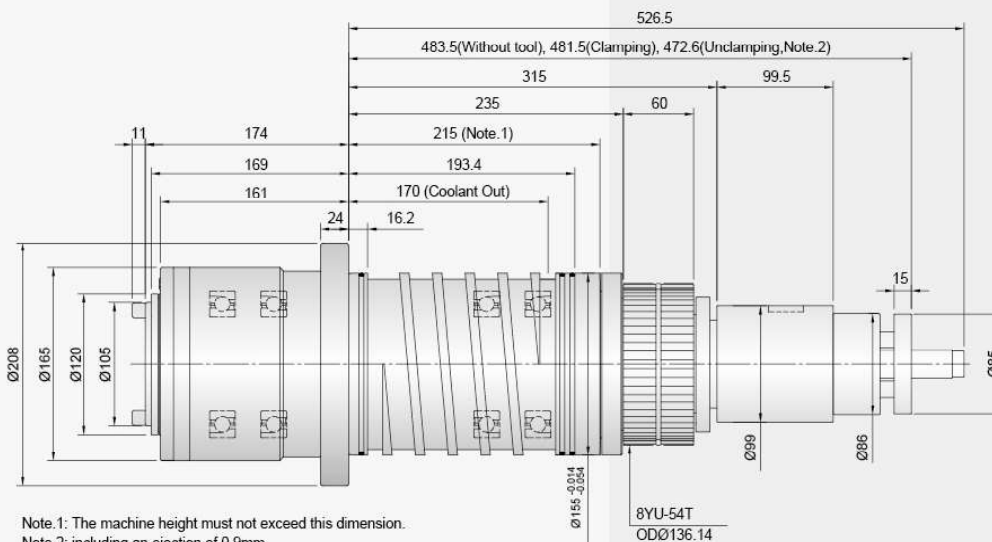
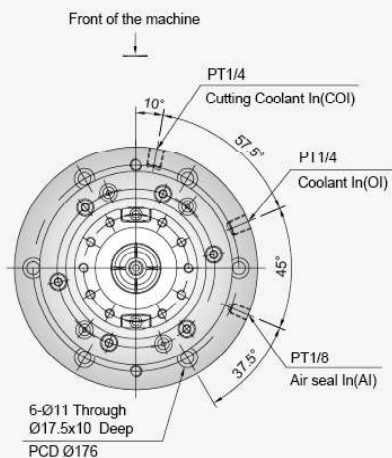
Note.1: The machine height must not exceed this dimension.
Note.2: including an ejection of 0.6mm.

RB4078



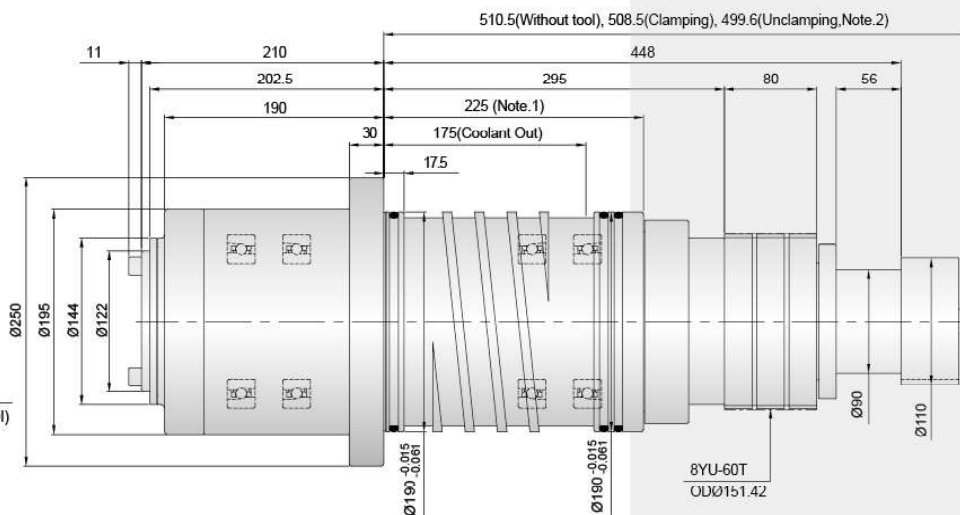
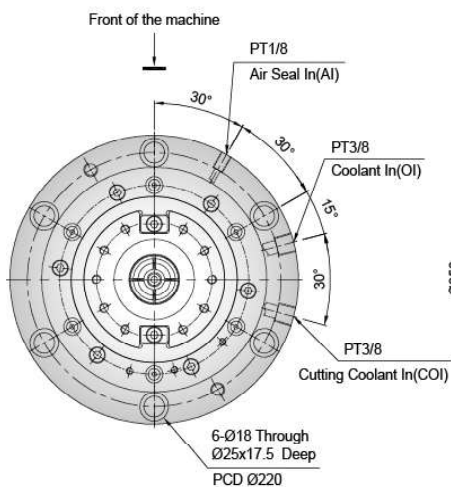
Note.1: The machine height must not exceed this dimension.
Note.2: including an ejection of 0.6mm.

RB5233



Note.1: The machine height must not exceed this dimension.
Note.2: including an ejection of 0.9mm.

RB5004



Note.1: The machine height must not exceed this dimension.
Note.2: including an ejection of 0.9mm.

Your Spindle Solutions
Speed, Precision, Rigidity

ROYAL

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