

English

Auto lathe maker with 70 years of tradition

# **NOMURADS**

Swiss Type CNC Automatic Lathe  
**NN-16SB6**

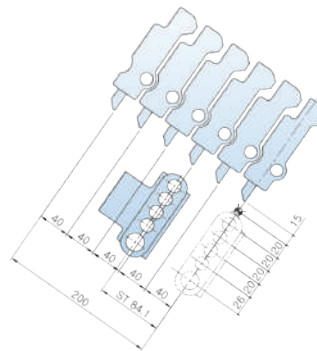
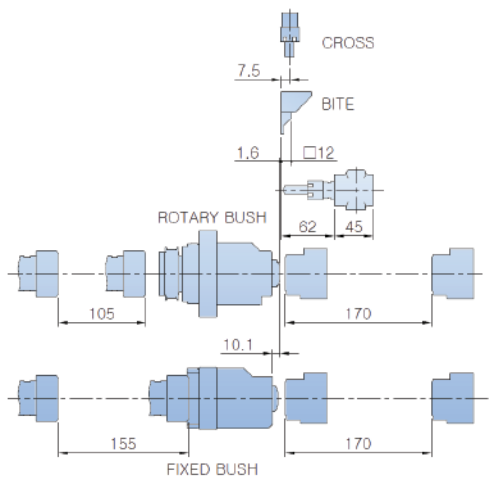


# NN-16SB6

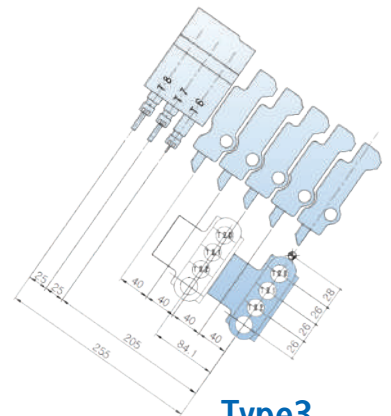
- Specialized for simple shape parts under  $\Phi 16$
- High efficiency, reasonable price
- Foldable door for user convenience



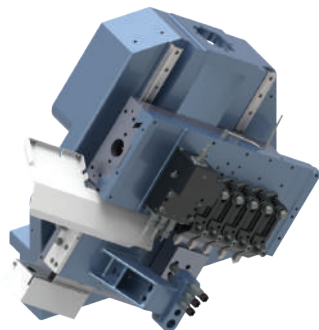
## Tool Layout



Type2.5



Type3



### \$1(Main)

Tool name	TYPE1	TYPE3	Equipment
O.D. Tool	□12.7 x 7EA	□12.7 x 5EA	
I.D. Tool	ER11 x 4	ER11 x 4	
Cross Drill	ER11 x -	ER11 x 3	

### \$2(Sub)

Tool name	TYPE1	TYPE3	Equipment
I.D. Tool	4EA	4EA	

\*Sub-side machining by using I.D. tool on Main axis

# NOMURADS

has been manufacturing swisstype auto lathe for the last 70 years.  
When you choose NOMURA, you will have high precision, durability and innovation for your production.



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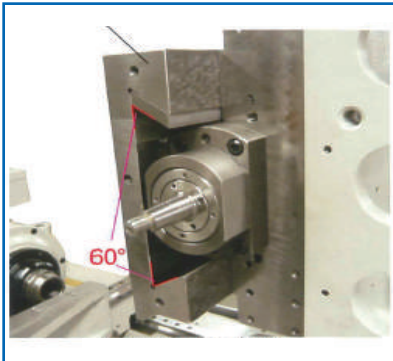
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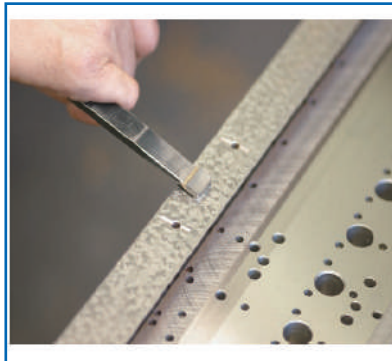
## NOMURADS

### Dovetail structure



The rigidity of NOMURA DS machine is enhanced as its structure contacts the surface of both sides.

### Hand scraping



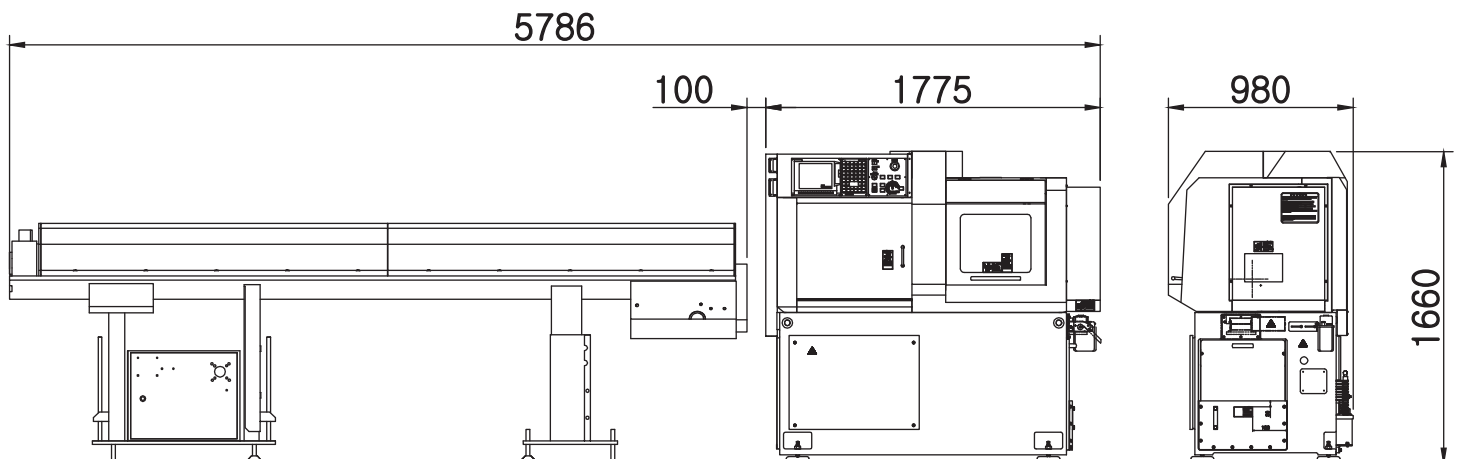
The weighty tool post is glided smoothly by our master artisans and high precision is enhanced as the result.

### Integrated casting bed



Machine vibrations is absorbed and machining tolerance affected by the temperature change of cutting oil can be minimized as temperature turning is enacted with coolant tank located in the casting bed.

## FLOOR Layout



# NN-16SB6 Specifications

Content	Specification	Specification Value		Standard Accessories	
		Type1	Type3		
Machining capacity	Max. machining diameter	Φ16mm		I.D. tool unit	
	Max. machining length	110mm / 1chuck		Tool holder	
	Max. parts unloading length	160mm	80mm	Rotary guide bush	
Spindle	Main spindle through-hole diameter	Φ17mm		Rotary guide bush drive unit	
	Spindle rpm (Main/Sub)	Max. 10,000rpm / Max. 7,000rpm		Drill holder	
	Sub spindle chucking diameter	Φ16mm		Main : Chuck sleeve /Spring/Spindle cap(1set)	
Tool	Max. number of tools	15	16	Sub : Chuck sleeve /Spring/Spindle cap(1set)	
	Max. machining drill	Φ7mm		Automatic power turn-off device	
	Max. machining tap	M6		Automatic oiling device (level detector attached)	
Main	O.D. tool (□12.7x130mm or less)	7	5	Cutting oil device	
	I.D. tool (ER11)	4	4	Coolant failure detector	
	Cross drill (ER11)	—	3(OP:4)	Overload detection function	
	Cross drill rpm	Max. 8,000rpm		Door interlock switch	
SUB	I.D. tool	4	4	Working light (LED)	
	Max. frontal hole machining diameter	Φ6mm		Parts catcher	
	Max. frontal tap diameter	M5mm		Working tools	
Feed	Rapid feed rate	24m/min		Levelling pad	
	Min. command unit	0.0001mm		Signal warning light - 3 stage	
	C axis Min. command unit (Main, Sub)	0.0001°		Display language (CHN/ENG/FRA/GER/ITA/JPN/KOR/POL/RUS/SPA)	
Motor	Main spindle motor	2.2/1.5kW		Optional Accessories	
	Cross drill motor	—	0.4kW		Main
	Sub spindle motor	—	0.75/0.3kW		
	Y1,Y1,Z1,Z2 axis feed motor	0.5kW			Long drill holder
	Coolant pump	0.25kW			Fixed guide bush
	Lubricant pump	0.003kW			Tap breakage detector
	Hydraulic oil pump	—	0.75kW		Tool presetter
Dimensions and etc.	Main spindle center height	1,000mm		Tool air blow	
	Input power capacity	4.43KVA	7.1KVA	Rear ejection unit (Φ11 mm or less)	
	Air pressure, flow rate	0.6MPa.15L/min		Spindle tube liner for small part	
	Coolant tank	70L		Large-sized lubricant pump 1.8ℓ	
	WxDxH	1,775x980x1,660 mm		Chip conveyor & Chip box	
	Weight (Options included)	1,700kg		Medium / High pressure coolant	
NC	MITSUBISHI NC	M70V Type A		Automatic fire extinguisher	
	NC display	8.4 Color TFT LCD		Oil mist collector	
	Memory capacity	500KB		Custom colors	
	Number of tool offset	80sets		Tooling	



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