

Product Information



Brushless Motor Spindle

SPEED 5,000-60,000min⁻¹ TORQUE 8.82cN·m/900g OUTPUT 370W

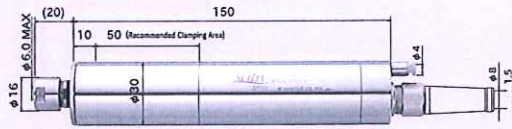
Spindle Accuracy : Less than 1 μm

Straight Spindle

MS01-R03 Rear Connection 30cm Cord

MS01-R20 Rear Connection 2m Cord

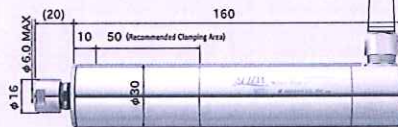
Weight
MS01-R03 : 696 g
MS01-R20 : 865 g
(Cord contained)



MS01-L03 Rear Connection 30cm Cord

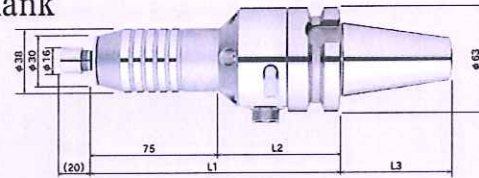
MS01-L20 Rear Connection 2m Cord

Weight
MS01-L03 : 723 g
MS01-L20 : 892 g
(Cord contained)



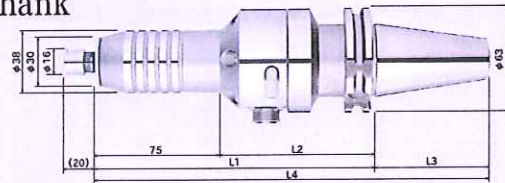
Tapered Spindle MZ01 Series

BT Shank



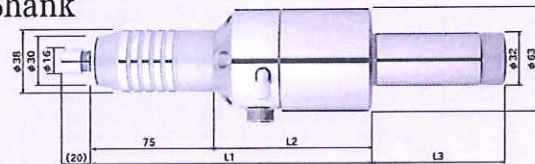
Product Code	Dimension (mm)			Weight (kg)
	L1	L2	L3	
MZ01-BT30	165	90	48	2.1
MZ01-BT40	150	75	65.4	2.2
MZ01-BT50	160	85	101.8	4.8

SK Shank



Product Code	Dimension (mm)				Weight (kg)
	L1	L2	L3	L4	
MZ01-SK40	170	95	68.4	238.4	2.3
MZ01-SK50	160	85	101.75	261.75	4.9

ST Shank



Product Code	Dimension (mm)			Weight (kg)
	L1	L2	L3	
MZ01-ST32	172	97	80	2.8

◆ HSK, CAT, and NT Tapered Spindle are Production on Orders.

Control Pack / Selector Pack



Control Pack
MT01CP

Selector Pack
MT01SP

Specifications

	Control Pack	Selector Pack
Product Code	MT01CP	MT01SP
Power Source Source System	AC100~240V (50/60Hz)	Worldwide System
Speed	1,000~60,000 min ⁻¹	
Dimensions	W100×D194×H230	
Weight	4.1kg	2.9kg
Consumption Air	30L/min (0.25~0.3MPa)	120L/min (0.35~0.4MPa)

Standard Accessories

<Straight Spindle/Taperd Shank Spindle>

■ Chuck Nut ■ Spanner ■ Air Hose (AH4-40)

<Control Pack/Selector Pack>

■ AC Power Cord ■ Bracket (MTB1/MTB2) ■ Air Hose (AH6-40)

■ Rubber Foot ■ Spanner Screw

<Selector Pack>

■ Selector Connection Cord ■ Selector Communication Cable ■ Air Stop Plug

Features

● All-in-one Body (Extension of Bearing Pitch)

● High Precision

● High-Power & High-Speed Rotation

● Highly Durable Ceramic Bearing

Application



Burring Machines

Grinding Machines

Driller



Machining Centers & Milling Machines

Spindle Type	Applicable Machines	Purpose
Straight Spindle	Lathe Machines Gang Lathes Turret Lathe NC Lathes	Milling Drilling Small hole Drilling (φ0.1~0.5)
	Grinding Machines	Precision Internal Grinding Internal Grinding
	Other Machine Specialized Machine Automated Machine	Milling Drilling Cut Process (Printed-Circuit Board) Deburring
Tapered Spindle	Machining Centers Milling Machines Tapping Centers	Milling Precision Milling Fine Surface Finishing Milling Small hole Drilling (φ0.1~0.5)



HANDPIECE

Standard Rotary

<p>V11H Speed Range 5,000~50,000r.p.m. Torque 2.3cN·m</p> 	<p>V21H Speed Range 4,000~45,000r.p.m. Torque 2.7cN·m</p> 	<p>M11H Speed Range 3,500~35,000r.p.m. Torque 3.4cN·m</p> 	<p>M21H Speed Range 3,000~30,000r.p.m. Torque 4.2cN·m</p> 	<p>V21 Speed Range 2,500~25,000r.p.m. Torque 3.9cN·m</p> 	<p>M11 Speed Range 2,000~20,000r.p.m. Torque 2.3cN·m</p> 	<p>M21 Speed Range 1,500~15,000r.p.m. Torque 5.9cN·m</p> 	<p>M11G Speed Range 660~6,600r.p.m. Torque 9.8cN·m</p> 
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Slender Rotary

<p>V11HS Speed Range 5,000~50,000r.p.m. Torque 2.3cN·m</p> 	<p>V21HS Speed Range 4,000~45,000r.p.m. Torque 2.7cN·m</p> 	<p>M11HS Speed Range 3,500~35,000r.p.m. Torque 3.4cN·m</p> 	<p>M11S Speed Range 2,000~20,000r.p.m. Torque 2.3cN·m</p> 
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Heavy Duty Rotary

<p>M21HD Speed Range 3,000~30,000r.p.m. Torque 4.2cN·m</p> 	<p>M21D Speed Range 1,500~15,000r.p.m. Torque 5.9cN·m</p> 
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RUBRON

<p>M21LRV Frequency (times/min) 800~8,000 times Torque 6.9cN·m</p> 
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ANGLON

<p>M21RA Speed Range 1,420~14,200r.p.m. Torque 5.9cN·m</p> 	<p>M21RAD Speed Range 1,420~14,200r.p.m. Torque 5.9cN·m</p> 	<p>M21A Speed Range 1,420~14,200r.p.m. Torque 5.9cN·m</p> 	<p>M11GRA Speed Range 620~6,200r.p.m. Torque 9.8cN·m</p> 	<p>M11GRAD Speed Range 620~6,200r.p.m. Torque 9.8cN·m</p> 	<p>M11GA Speed Range 620~6,200r.p.m. Torque 9.8cN·m</p> 
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RECIPRON

<p>RE11 Amplitude 0~8mm Frequency (times/min) 260~3,500 times</p> 	<p>RE21 Amplitude 0~2mm Frequency (times/min) 460~7,000 times</p> 
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Mini Belt Sander

<p>BS31 Belt Speed (m/min) 49.2~700m</p> 

POLYTOR (Ultrasonic)

	<p>US21 Maximum Amplitude 45 μm Frequency 25±5kHz</p>
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POWER PACK

POLYTOR POWER PACKS

	<p>Ultrasonic Single-Station P111 AC115±5% P121 AC230±5%</p>
	<p>Ultrasonic & D.C. Multi-Station P211 AC115±5% P221 AC230±5%</p>

D.C. POWER PACKS

	<p>D.C. Single-Station C111 AC115±5% C121 AC230±5%</p>
	<p>D.C. Multi-Station C311 AC115±5% C321 AC230±5%</p>

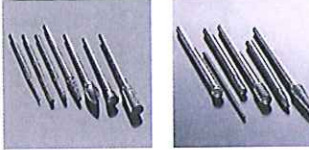
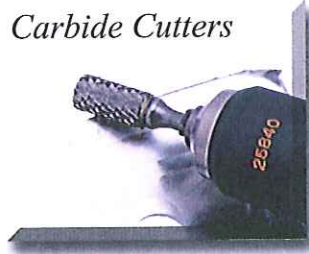


We have more than 5000 items in our products range. Those are all we have improved a lot of techniques and ideas. There are an excellent quality, flexibility, and durability. We produce many different kinds of tools that makes more precise and effective.

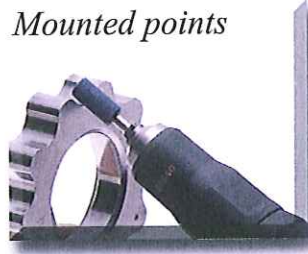
Diamond Tools



Carbide Cutters



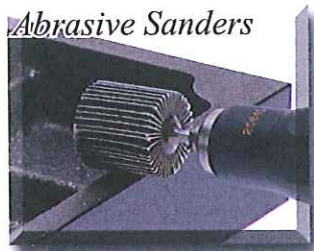
Mounted points



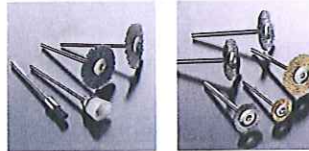
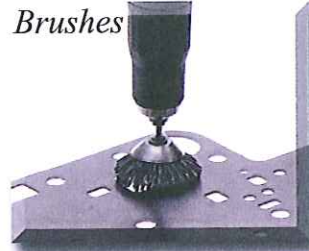
Rubber Points



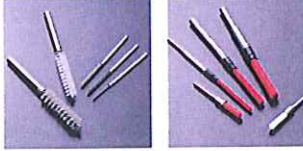
Abrasive Sanders



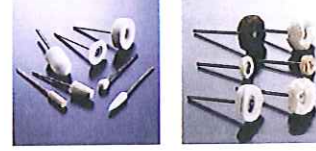
Brushes



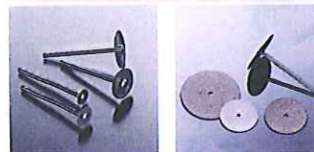
Special Brushes



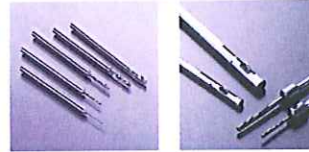
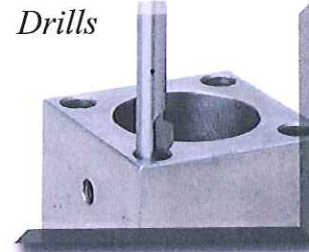
Polising Tools



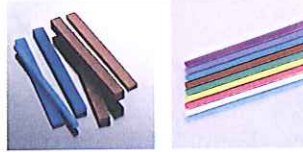
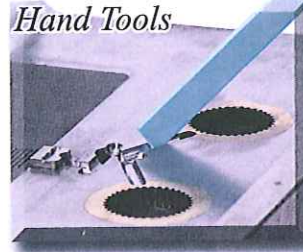
Cutting Tools



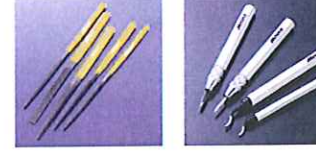
Drills



Hand Tools



Hand Tools



● Contact

vtc
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