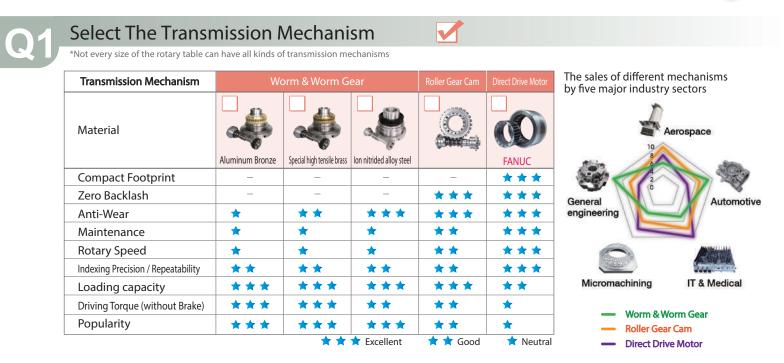


### How to Select Your Best CNC Rotary Table

# +1 Axis (4<sup>th</sup> axis)



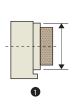
Please use the questions with TJR catalog clarify your needs. After receipt of answers, TJR can find the best rotary table and accessories to meet your requirements.

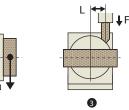


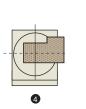
#### Select Faceplate Diameter

## \_\_\_\_\_ø125 \_\_\_ø170 \_\_\_ø210 \_\_\_ø255 \_\_\_ø320 \_\_\_ø400 \_\_\_ø500 \_\_\_ø630 \_\_\_ø800 (Unit:mm)

Depending on the workpiece and cutting conditions as below.







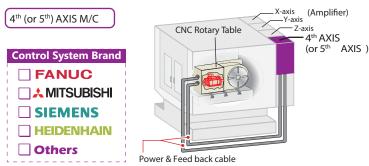
- Workpiece diameter : Within the rotary table diameter.Workpiece weight :
- Should not be bigger than allowable load as specified.Workpiece positioning :
- The value of (F x L) should be within the torque force. When an eccentric load is applied :
- The workpiece inertia should be within the allowable value.Workpiece of larger diameter, but lighter weight :
- The workpiece must not interface with the machine tool.

Q3

### Determine to Servo System

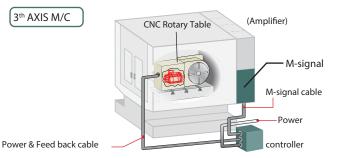
# Additional Axis (the 4<sup>th</sup> or 5<sup>th</sup> axis) installed in the machine tool control.

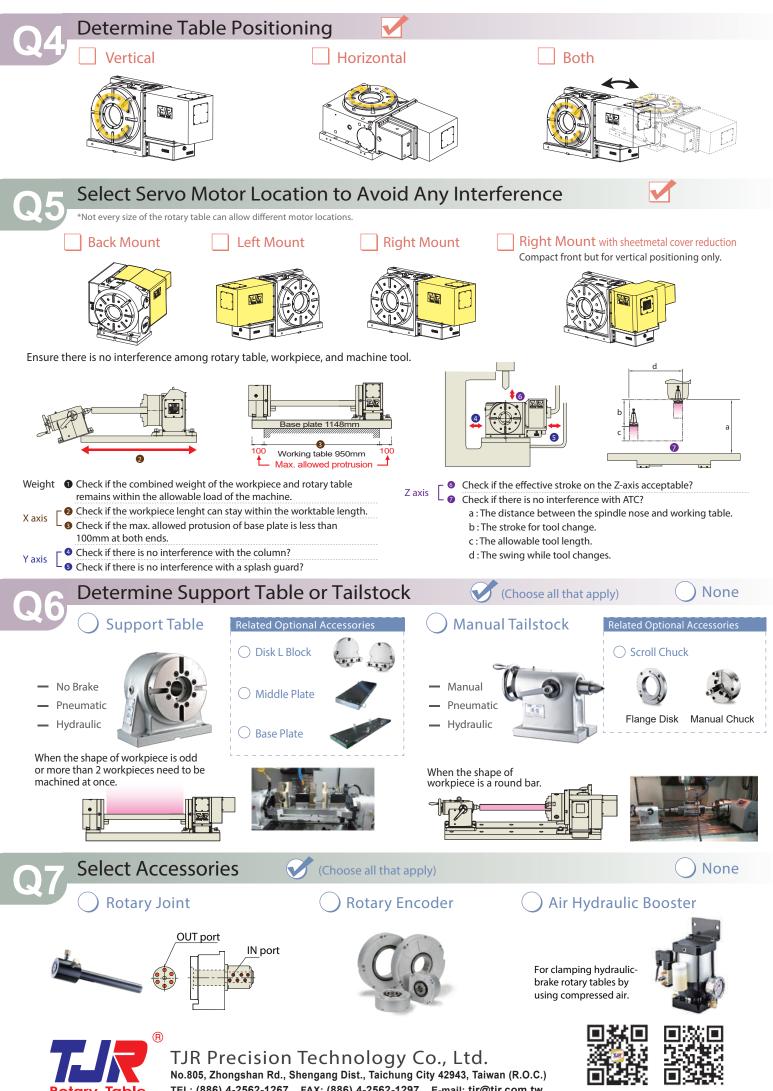
- 1. When the simultaneous machining with X/Y/Z axis is required.
- 2. Rotary table programming is input at the machine tool control.



#### Independent Controller (M-signal) used.

- 1. When the compatible servo amplifier for the 4<sup>th</sup> or 5<sup>th</sup> axis is NOT available.
- 2. Rotary table programming should be input directly into the independent control.





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