Special Accessories for CNC Rotary Tables

High precision machining will require an appropriate selection of work piece and ig holding methods, besides a good selection of the Rotary Tables. Series of our special accessories are here. to meet any of your requirement.

Example of combination









Simple Rotary Joint l al l

These accessories can be made for special specifications Accessories for special specifications Please inquire to us

Rotary Joint

Rotating coupling to supply hydraulic pressure, pneumatic pressure and coolant. When ordering, please advise of hydraulic or pneumatic, pressure, number of port to be used.

Special Chuck Flange

Chuck flange for pneumatic or hydraulic power chuck to be installed to table. The flange is required on the back side of the table for installing rotary cylinder. For placing order, please advise of the name of the manufacturer, model number of power chuck and rotary

| Standard models |
|--|
| 0.1 0.1 |
| Side Spindle OPage 37 |
| Side spindle is used for supporting other side of U-shaped jig for multi-side machining, to the retained side by the table. |
| Side Table OPage 37 |
| Side table is used for supporting other side of U-shaped jig for multi-side machining, to the retained side by the table. Clamping function is included. |
| Manual Tailstock OPage 38 |
| This tailstock is used to support to 60° center hole of the workpiece. Tailstock with its spindle end of morse taper NO.2 is also available. |
| Pneumatic Tailstock OPage 38 |
| Simple tailstock of air-drive type. Spindle end has morse taper NO.2. Tailstock with forward/backward motion confirmation switch is also available. |
| Chuck Flange OPage 37 |
| This chuck flange will be set between the table and the scroll chuck (JIS-standard) . |
| |
| Followings should be supplied by customer |
| Hydraulic/pneumatic rotary cylinder、U-shaped special jig, scroll chuck, hydraulic/pneumatic chuck should be supplied by customer. |

chuck, hydraulic/pneumatic chuck should be supplied by customer

Accessories for special specifications

BQT Rotary Joint for Quick Table ▶Page 39 It will be used to tapping center of quick table specifications when piping to jigs, such as chuck, is required. Available, 4-port, 6-port, or 8-port specifications.

Side Spindles

To be used for supporting the hammock jig or the like, on the opposite side to the rotary table.



| | _ | | | | | |
|-------|---------------------|-----|-----|-----|----|-------------|
| Model | Suitable to | А | В | С | D | Weight (kg) |
| SS110 | JNC(H)140 | 160 | 110 | 100 | 14 | 9.4 |
| SS135 | JNC(H)170,YNC(P)170 | 185 | 135 | 100 | 14 | 10.3 |
| SS160 | JNC(H)200,YNC(P)200 | 210 | 160 | 100 | 18 | 11.0 |
| SS200 | JNC(H)250,YNC(P)250 | 250 | 200 | 110 | 18 | 12.4 |

*Spindle is pushed forwards by saucer-panel and small direction deviation can be compensated. *Without clamping mechanism

*Be careful in Center Height (B) for BQT model with the base.



| Model | Suitable to | Center height (mm) | Clamp torque (N · m) | Fig NO. | А | В | С | D | Е | F | G | Н | J | K | L | М | Ν | 0 | Р | Q | Weight (kg) |
|-------|----------------------|-----------------------|-------------------------|---------|-----|----|----|----|-----|-----|-----|-----|-----|----|-----|----------------------|----------------------|----|-----|-------|----------------|
| ST135 | JNC(H)170, YNC(P)170 | 135 | 153 | 1 | 170 | 60 | 45 | 19 | 98 | 117 | 135 | 85 | 220 | 14 | 240 | 6-M8×12 (PCD150) | 3-M8×12 (PCD88) | 68 | 210 | M5×9 | 21.0 |
| ST160 | JNC(H)200, YNC(P)200 | 160 | 415 | 2 | 200 | 70 | 56 | 25 | 107 | 132 | 160 | 110 | 270 | | 270 | 6 M10V10 | 3-M8×12 | 77 | 240 | M5×9 | 33.0 |
| ST200 | JNC(H)250, YNC(P)250 | 200 | 517 | 1 | 250 | 90 | 72 | 27 | 124 | 151 | 200 | 125 | 325 | 18 | 320 | 6-M10×16 (PCD210) | 3-M10×16 (PCD130) | 94 | 290 | M6×10 | 58.0 |

%The above clamping torque are those when air 0.5MPa is used (air pressure 0.5 \sim 0.7MPa) *Since the side table does not contain solenoid valve nor control switch, controlling of clamping air must be made by external controller. *When changing the air supply port to the opposite side, the position of the elbow and that of the hexagon socket head blind plug must be changed. *Be careful in Center Height for BQT model with the base.

Chuck Flanges





| Model | CF4-02 | CF5-02 | CF5-06 | CF6-06 | CF6-04 | CF7-04 | CF7-07 | CF9-07 | | | |
|-------|--------|--------|--------|----------------|--------|------------------|----------------------------|--------|--|--|--|
| For | JNC(| H)140 | | H)170 P)170 | | H) 200 P) 200 | JNC (H) 250 YNC (P) 250 | | | | |
| Size | #4 | #5 | #5 | #6 | #6 | #7 | #7 | #9 | | | |
| А | 110 | 135 | 135 | 165 | 165 | 192 | 192 | 233 | | | |
| В | 60 | 60 | 60 | 68 | 68 | 77 | 77 | 85 | | | |
| С | 17 | 17 | 18 | 18 | 20 | 20 | 20 | 20 | | | |
| D | 132 | 132 | 168 | 168 | 192 | 192 | 252 | 234 | | | |
| E | 24 | 32 | 32 | 43 | 43 | 54 | 54 | 70 | | | |



Sub-tables for TNT130



BQT Rotary Joint for Quick Table



| Combination of | special accessories with | rotary tables | Model No. of Special Accessories | | | | | | | | | | |
|-------------------|--------------------------|--------------------|----------------------------------|----------------------|--------------|------------|--|--|--|--|--|--|--|
| Table Type | Table Model No | Center Height (mm) | Manual Tailstocks | Pneumatic Tailstocks | Side Spindle | Side Table | | | | | | | |
| CNC Rotary Tables | JNC(H)140 | 110 | TSA110S,TSB110S | TPA110,TPB110 | SS110 | | | | | | | | |
| | JNC(H)170,YNC(P)170 | 135 | TSA135S,TSB135S | TPA135,TPB135 | SS135 | ST135 | | | | | | | |
| | JNC(H)200, YNC(P)200 160 | | TSB160S | TPA160,TPB160 | SS160 | ST160 | | | | | | | |
| | JNC(H)250, YNC(P)250 | 200 | TSB200S | TPA200,TPB200 | SS200 | ST200 | | | | | | | |

Manual Tailstocks

The Manual Tailstock is used to support a 60° center hole at the end of workpieces. We also offer a manual tailstock whose shaft end is Morse taper No. 2.





| Model | Suitable to | А | В | С | D | Е | F | G | н | J | K | L | М | N | Ρ | Q | Weight (kg) |
|----------------|-----------------------------|----------|----------|-------|-----|----|----|------|-----|-----|-----|----|----|----|-----|-----|----------------|
| TSA110S | JNC (H) 140 | 130 | 110 | 90 | 133 | — | — | — | — | — | — | — | — | — | — | — | 4.5 |
| TSA135S | JNC(H)170,YNC(P)170 | 155 | 135 | 100 | 138 | — | — | — | — | — | — | — | — | — | | — | 5.4 |
| TSB160S | JNC(H)200, YNC(P)200 | 176 | 160 | 25 | 5 | 25 | 70 | 18h7 | 120 | 167 | 275 | 40 | 20 | 26 | 174 | 210 | 11.0 |
| TSB200S | JNC(H)250, YNC(P)250 | 227 | 200 | 38 | 7 | 35 | 98 | 18h7 | 140 | 198 | 395 | 50 | 40 | 25 | 228 | 260 | 25.0 |
| *Be careful in | Center Height (B) for BQT m | nodel wi | th the l | oase. | | | | | | | | | | | | | |

| Pneumatic Tailstocks | |
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| Model | Suitable to | к | D | L1 | Shaft Thrust force S (N) * | Confirmation switch, cable | А | в | с | Е | F | G | н | J | Ν | Ρ | Q | R | Weight (kg) |
|---------------|----------------------|-----|----|--------|-------------------------------|-------------------------------------|-----|-----|-----|-----|------|-----|-----|------|----|-----|-----|-----|----------------|
| TPA110 | JNC(H)140 | 110 | 14 | | | | | | 130 | 88 | | | | | | 20 | | | 5.9 |
| TPA135 | JNC(H)170, YNC(P)170 | 135 | 14 | 40 520 | 520 Not equipped | 88 | 44 | 155 | 00 | | 20 | MT2 | 25 | 85 | 20 | 119 | 149 | 7.0 | |
| TPA160 | JNC(H)200, YNC(P)200 | 160 | 18 | | | equipped | | | 180 | 120 | — | | | | | 25 | | | 8.8 |
| TPA200 | JNC(H)250, YNC(P)250 | 200 | 10 | | 820 | | 100 | 56 | 225 | 120 | - | 25 | мтз | 32 8 | 89 | 25 | 123 | 153 | 12.4 |
| TPB110 | JNC(H)140 | 110 | 14 | | | Forward-Reverse | | | 130 | 88 | 44.5 | | | | | 20 | | | 8.4 |
| TPB135 | JNC(H)170, YNC(P)170 | 135 | 14 | 30 | 520 | movement confirmation | 88 | 44 | 155 | 00 | 44.5 | 20 | MT2 | 25 | 85 | 20 | 119 | 149 | 9.5 |
| TPB160 | JNC(H)200, YNC(P)200 | 160 | 18 | 10 | | switch and 4.5M cable are provided. | | | 180 | 120 | 28.5 | | | | | 25 | | | 11.2 |
| TPB200 | JNC(H)250, YNC(P)250 | 200 | 10 | 40 | 820 | ale piovideo. | 100 | 56 | 225 | 120 | 34.5 | 25 | МТ3 | 32 | 89 | 25 | 123 | 153 | 14.9 |

*Customers must provide a live center because it is not included. *This thrust is applied at an air pressure of 0.5 MPa. *Shaft clamp mechanism is not included.

%The standard specifications do not include valves, air tubes, or couplings. Provide them separately. *The TPB type includes a cable, a cover, and a check switch section.

*When the T-slot width of the other machine is different from the guide piece width shown in the above table, a stepped guide piece can be used. *Be careful in Center Height (K) for BQT model with the base.



* The clamp lever position in this figure is standard. It can be shifted to the opposite side.



* The clamp lever position in this figure is standard. It can be shifted to the opposite side.

