Mounting Procedure

INFORMATION IS SPECIFIC TO OUR PRODUCTS AND CAN CAUSE DAMAGE IF USED WITH NONE COMPATIBLE PRODUCTS SO PLEASE CHECK WITH YOUR SUPPLIER FOR COMPATIBILITY

These drawings are supplied as a guide no guarantees are implied or given. Caution when wiring and check with a qualified professional if unsure. Documentation will be updated amended at the discretion of CNC4YOU Ltd.
Mounting Procedures:

1. Mount Support unit to the ballscrew shaft
   A. Mount the fixed-end support unit to the ballscrew shaft.
      * Do not disassemble the support unit.
      * When inserting the screw shaft into support unit. Please don't scrape the oil-seal lip.
   B. The ballscrew shaft inserting fixed-side, please tighten lock nut with the set piece.
      * Inserting the fixed-side support unit, lock the locknut using the set piece and hexagon socket-head setscrew..
   C. Mounting bearing of supported-side into the screw shaft, and using snap ring to hold.
      Inserting the assembly? into the housing of supported-side.
2. Mounting the table on the ball screw nut and mounting the support unit on the base
   A. Temporarily fasten the ball screw Nut to a table. If a bracket is used, insert the Nut into the bracket and temporarily fasten the nut to a table.

   B. Mount fixed-side into ball screw shaft. Temporarily fasten the fixed-side Support Unit to the base.

   C. Mount supported-side into ball screw shaft and using snap ring to hold. Inserting assembly into supported-side housing.

   D. Adjust between the table guide face and ball screw to make sure parallel accuracy. Meanwhile, fasten the fixed-side and supported-side Support Unit to the base.

   E. Center the ball screw shaft by moving the table toward the supported-side Support Unit. Adjust the center, checking whether the table moves smoothly by moving it to the right and left a number of times. Then, temporarily fasten the system to the base.
3. Checking accuracy
To use the indicators, one to check the run-out error at end of the ball screw shaft, and the other to check the axial clearance.
(If you need any information about the axial clearance, please contact to us.)
4. Connecting to the motor
A. Fix the motor to the machine.

B. Connecting the ball screw with the motor on the coupling.
   (When you mount attention accuracy.)

C. Final, testing the motor operation.