O SKOOL DB06 Self Centering Dowel Jig Kit Instruction Manual

Contents

O SKOOL DB06 Self Centering Dowel Jig Kit

Package includes

- DowelJigX 1

- 1/4″ Drill bushing X 2
- 5/16″ Drill bushing X 2
- 3/8″ Drill bushing X 2

HOW TO USE

Step 1. Mark the center line

Mark the center marking line for the dowel holes to be drilled on the two boards to be connected.

Step 2. Match up the lines

Align the center marking line on the board with the white index mark of the jig. Tighten the jig firmly, but do not over tighten.

NOTE:
If the board is placed at the edge of the end jig, add a piece of scrap wood of the same thickness to the other end to avoid uneven stress, causing bending jig.

Step 3. Drill dowel hole

Put the drill bushing into the guide hole of the correct size, and insert the drill bit that meets the size to drill the required depth. Repeat the same process on the other board.

Step 4. Edge-to edge joints

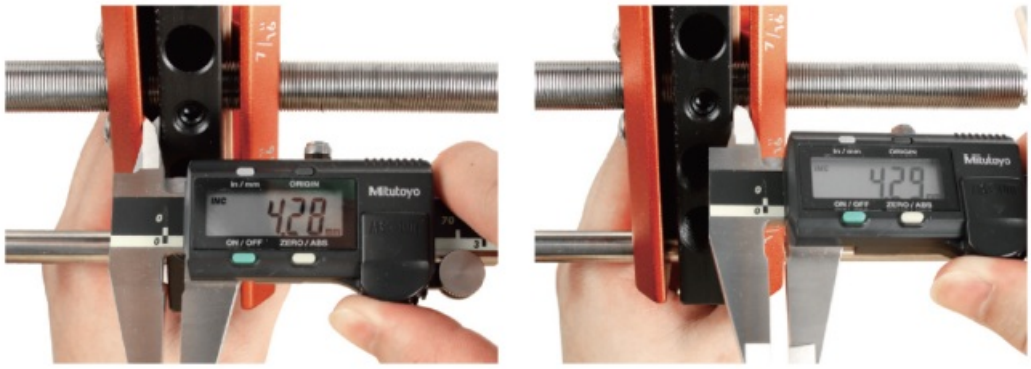
Apply glue to dowels and hole. Insert the dowels in one board, then put in another board , and clamp securely until dry.

CENTER CALIBRATION

Measuring the Gap

Step 1.
Tightly clamp a piece of dimensioned/squared wood that is wider than the center block.

Step 2.
Switch your caliper into the metric system and measure the gap between the centerpiece and the orange plates. The measuring spots should be the center point of the fences, which is right above the lead screw. Record the measuring results of both sides and calculate the delta.
If the deviation of both sides is under 0.2mm(around 1/128″), the calibration is complete.



NOTE: if your caliper does not work in the metric system, manually convert the readings into metric results.

Adjusting the Gap

Step 1.
Loosen the lead screw to release the wood and ensure the gap of each side is wider than 1/4″ for later adjustment.

Step 2.
Remove both PH screws on the locking plate of the adjusting end.

Step 3.
Pull the locking plate towards the centerpiece for clearance to adjust the adjuster nut.

Step 4.
The pitch of the lead screw is Imm per revolution. If the gap of the adjusting end is wider than the fixed end, turn the adjuster nut clockwise, and vice versa.

Step 5.
When the gap deviation is 2mm, turn the adjuster nut by two rounds. If the difference is 0.8mm, turn the adjuster nut slightly over 3/4 round.

Step 6.
Push the loose locking plate towards the adjuster nut then fix both parts together with the PH screws.

Fine adjustment

Step 1.
Repeat the steps under
“Measuring the Gap” to verify the distance deviation. If the deviation of both sides is under 0.2mm(around 1/128″), the calibration is complete.

Step 2.
Repeat the steps under the section of”Adjusting the Gap”.

Step 3.
You can repeat this process cycle until achieving a satisfactory setup.

Documents / Resources

	O SKOOL DB06 Self Centering Dowel Jig Kit [pdf] Instruction Manual DB06, DB06 Self Centering Dowel Jig Kit, Self Centering Dowel Jig Kit, Centering Dowel Jig Kit , Dowel Jig Kit, Jig Kit, Kit

References

- User Manual