

Dovetails made easy. No math or measuring!

Router bits required



1/2 inch diameter pattern bit.

8 degree 1/2 inch diameter router bit with 5/8 inch diameter bearing and stop collar.



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1.

Use center finder at bottom of page to mark center of tail board, then visually center align with one of the slots as shown.



2.

Put tail jig (S-jig3) on top of pin board and a business card. Adjust dovetail bit height to just touch the backer board. This will cut a joint with end grain slightly proud (business card thickness) of the boards.



3.

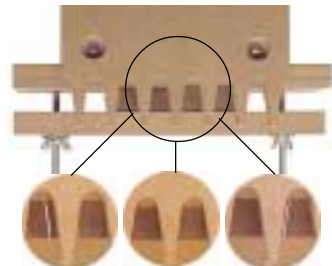
Rout pin slots with dovetail bit producing tail board.



After marking

4.

Place pin board on table, align tail board and draw two lines showing the location of one pin.



Incorrect Correct Incorrect

5.

Align pin board marks with Pin Jig (S-jig4) and clamp in place.



6.

Place pin jig (S-jig4) on top of tail board and a business card. Adjust pattern bit height to just touch the backer board. This will cut a joint with end grain slightly proud of the boards.



7.

Rout tail slots with pattern bit producing pin board



8.

Glue joint together and sand end grain smooth.

Center Finder Instructions

To find the center of the tail board, simply align the board so the same measurement appears both to the left and to the right of the "0" mark on the center finder.

