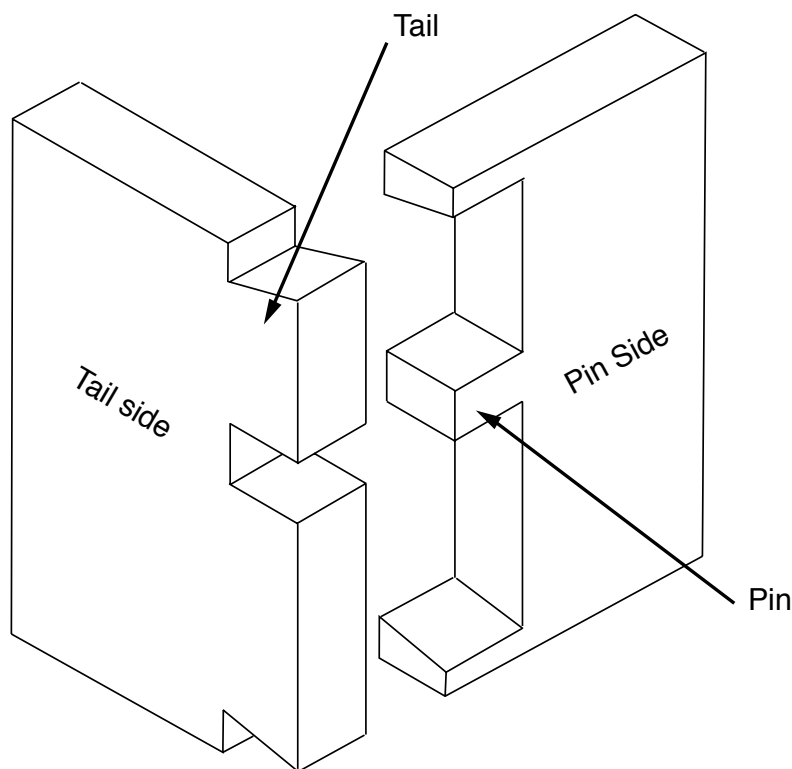



appendix B

Box and Dovetail Joints



KatieJig.com

U.S. Patent #5,832,977 & 6,116,303, Proudly made in the U.S.A. 
Canadian Patent # 2,286,763

Appendix B - Box and Dovetail Joints

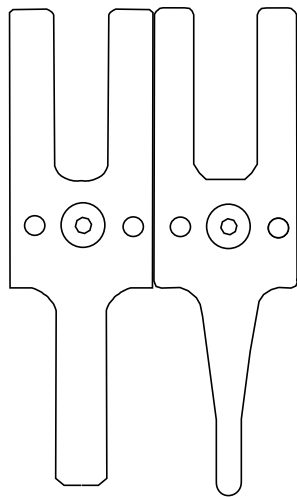
Follow the safety and general instructions for using the KATIE JIG™ System except as indicated below.

Setting Up and Adjusting the KATIE JIG™ System

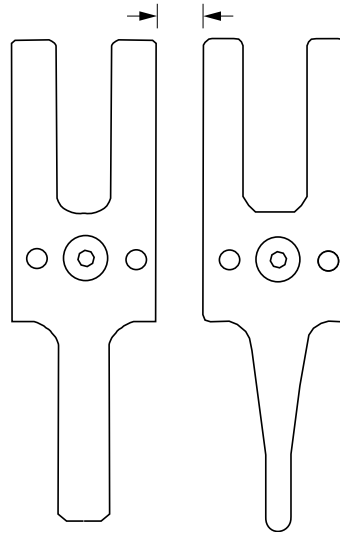


Locate and adjust the spacing of the guide/tuning forks on the fixture—position the center of the pin side of each guide/tuning fork at desired location of each pin. For best results there should be one-half of a pin at each end of the board. Arrange guide/tuning forks and spacers or guide/tuning forks alone for desired spacing.

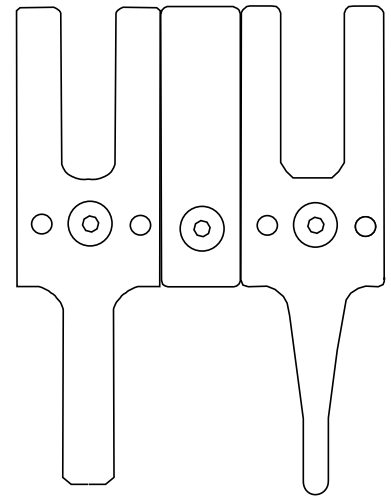
1/2" maximum for 5/8" or larger dovetail guide/tuning forks
and 7/8" or larger box joint guide/tuning forks
or
3/8" maximum for 7/16" dovetail guide/tuning forks
and 5/8" box joint guide/tuning forks



**Box joint and dovetail
guide/tuning forks only**



**Box joint and dovetail guide/
tuning forks (with gap)**



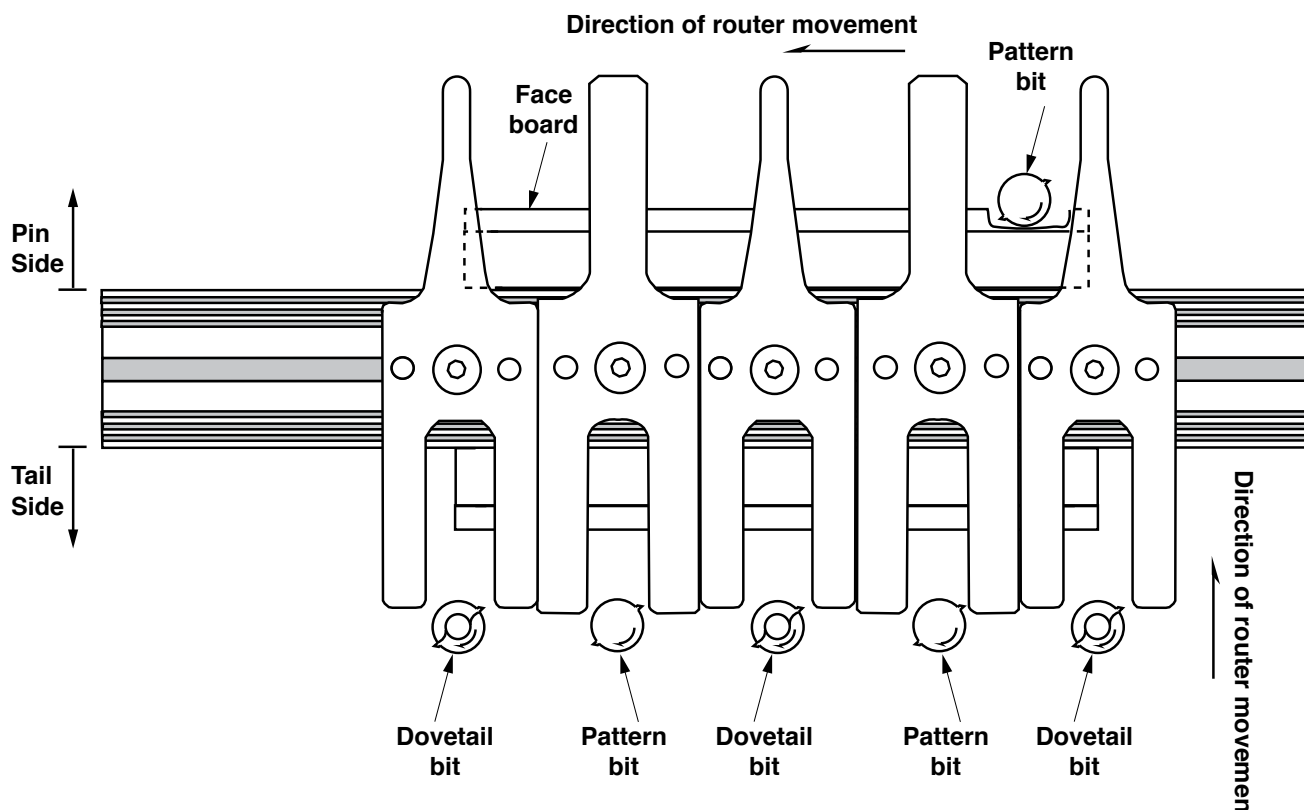
**Box joint and dovetail guide/
tuning forks with spacer**

CAUTION: To prevent damage to the KATIE JIG™ System, the maximum gap between guide/tuning forks or guide/tuning forks and spacers is 1/2 inch if you are using 5/8 inch or larger dovetail guiding/tuning forks and 7/8 inch or larger box joint guide/tuning forks. The maximum gap is 3/8 inch if you are using 7/16 inch dovetail guide/tuning forks and 5/8 inch box joint guide/tuning forks. If gaps between guide/tuning forks or guide/tuning forks and spacers are greater than the maximum, additional spacers can be made from 1/2 inch plywood or other lumber.

Routing Pins and Tails

Route the **pin side** of all the guide/tuning forks using the **pattern** router bit.
Route the **tail side** of the **box joint guide/tuning forks** with the **pattern** router bit and the **tail side** of the **dovetail guide/tuning forks** with the **dovetail** bit.

CAUTION: To prevent damage to the router bits and the KATIE JIG™ System, do not pick up router until bit has completely stopped turning.



Contacting Us

If your package is missing a part or you have a broken part, please contact Machining Center, Inc. to obtain replacement parts.

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