

Finger Joint Template

Your New Leigh Fingerjoint Template

You now own a unique finger jointing system. The Leigh Finger Joint template and Variable Guidebush System (VGS) will help you rout finger or box joints with unique adjustment for precise tightness of fit.

“Finger” and “Box”: Both words are used universally to title this simple but strong joint. As the first machine-made joint, it’s old enough to be called antique, so we have been even-handed in using both terms throughout this guide.

We recommend that you first mount the template on your Leigh Jig, carefully following the instructions in the first section of the manual. Then before you try to do any actual joinery routing, read the rest of the manual, following along with the basic functions. By all means, cut a few practice joints in scrap boards before you use the template to rout a precious hardwood workpiece.

*If you have any questions that are not answered in the manual, please call the most convenient Leigh customer support line *.*

**See Appendix IV – Customer Support*



Joining Tradition with Today

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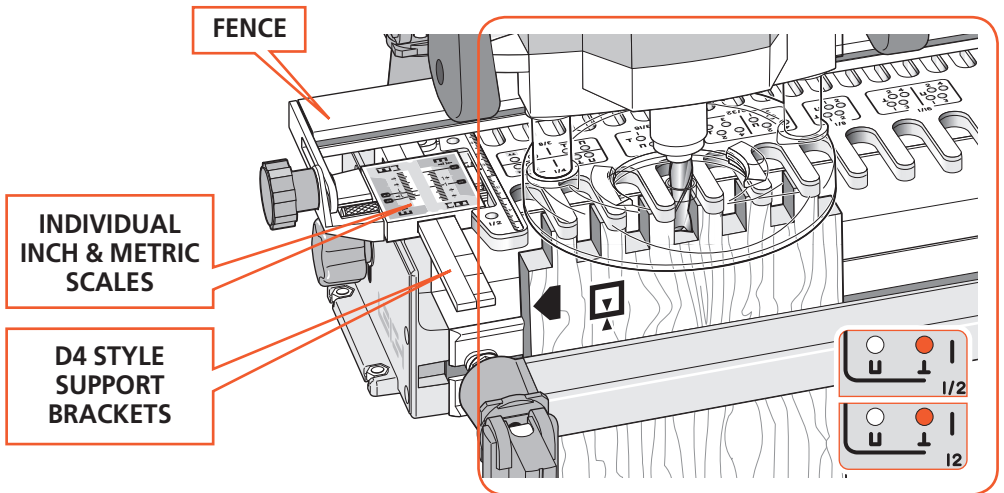
Are there operational differences between the F2 and F1600?

No. While the F2 is illustrated for most of the procedures in this guide, the differences between the F2 and the F1600 do not affect the operational instructions. Movements and settings illustrated in each step are identical whether performed on the F2, F2M, F1600, or F1600M.

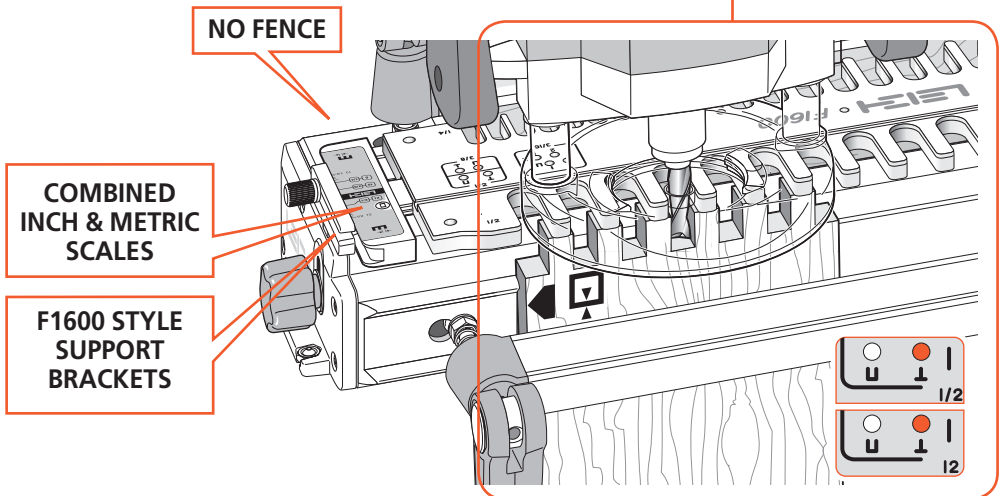
Icon types for template pin positions are the same on all templates.

The F1600 of course is smaller than the F2 so maximum board width and thickness will differ. See the charts for your particular model in Chapter 5.

F2/F2M



F1600/F1600M



Everything in these frames is operationally identical

Important: Inches and Millimetres

Because Leigh makes F2 and F1600 templates in inch and metric models, measurements in this user guide are shown in both inches and millimetres. Dimensions are indicated with "inches" first, followed by "millimetres" in square parentheses.

Examples: $\frac{1}{2}$ " [12mm], or

$\frac{3}{4}$ "x $5\frac{1}{2}$ "x8" or longer [20x140x200mm].

Do not be concerned if the inch/millimetre equivalents are not always exact. Just use the dimensions which apply to your jig.

Reading the Settings Illustrations

The template scales are illustrated in a panel overlaying the main illustration whenever settings are specified in an instruction. Settings for procedures are shown with a red line on the respective scale.

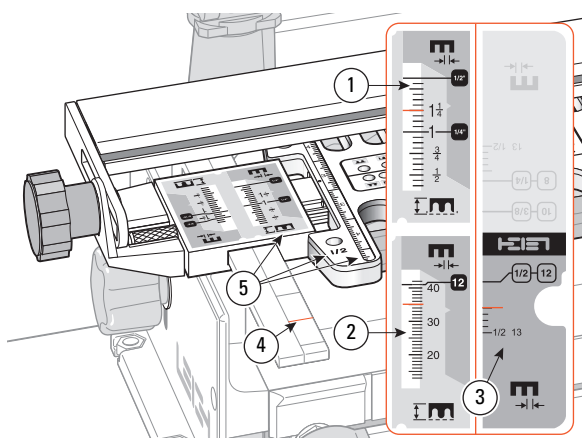
The F2 scales are on the left side of the panel, with the "inches" scales ① at the top, and the "millimetres" scales ② at the bottom.

Only the "active" half of the F2 scales are illustrated.

The F1600 scale is on the right ③ side of the panel. This scale has dual markings for inch and metric. The active portion is on the bottom. The inactive (upside down) portion is shown greyed-out.

When calibration marks on the support brackets ④ are highlighted, they are illustrated in red for clarity. On the jig, the lines are *black*.

General views of the template are illustrated with inch markings ⑤.



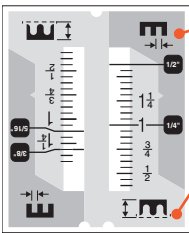
How to Read the Symbols

To help you understand the instructions and illustrations in this user guide, we have used a number of international symbols, plus a few special ones of our own. They are all explained below. You needn't worry about memorizing these symbols now because they are repeated frequently throughout the guide, and you will soon get used to them.

Glossary of Symbols

The Leigh Finger Joint Template can be in one of two modes, with the selected comb to the front (toward you, the operator).

F2 Scale Icons



This icon on green background is the active scale for square box joints

F2 24" only:
This icon on gray background is the active scale for rounded finger joints

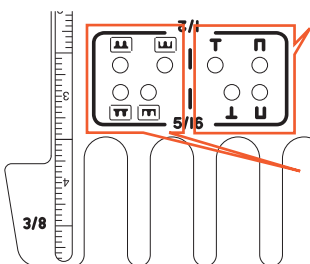
F1600, Scale Icons



Upper scale is upside down and is inactive

Lower scale is right side up and is the active scale.

Template Icons and Numbers (engraved)

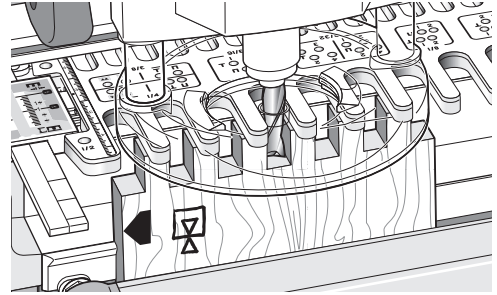



Template positions for square box joints



F2 24" only:
Template positions for rounded finger joints


Which Way Round Should the Board Go?

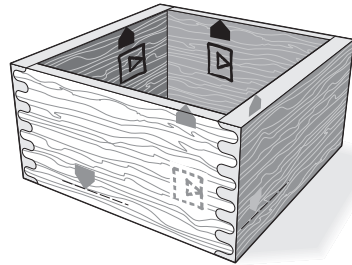
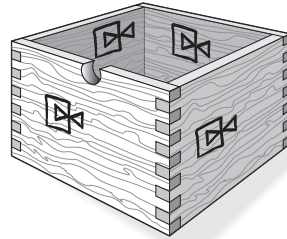
We devised these icons to indicate which side of a board faces out (toward you when it is clamped in the jig), and which faces are in or out when assembled.




 Boards are clamped in the jig both "face in" and "face out" for alternate end cuts; e.g. all regular box joint ends are routed this way

 Inside of board. All rounded half-blind finger joints (F2 24" only), and all "square" half-blind box joints are clamped in the jig with the inside  face away from the jig toward you, the operator.

 Dotted icons are on the other side of the board.




The following symbols indicate:

 This edge against side stop

 This edge against side stop

 As above, other side of board

 Caution: use special care for this operation

①②③ Numbered References in text

 Centreline of board or layout

 Plus/Minus

 Equals

 Does not equal

 Approximately