

LAYOUT

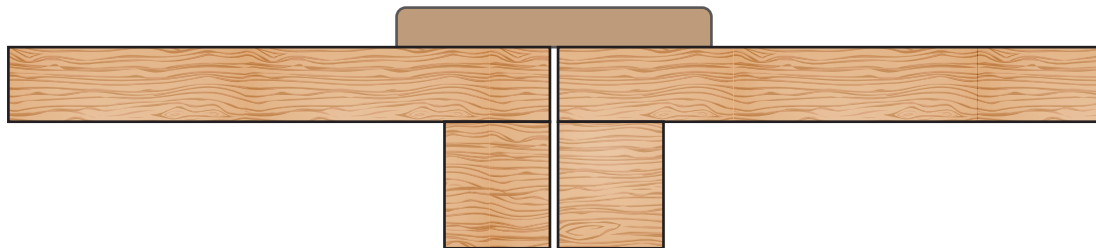
CONCEPTS

Fitting Layout Concepts Baseboard Alignment Dowels - Page 01

Work carefully and we are sure that you will obtain a good result from using these high-quality dowels.

Step 1

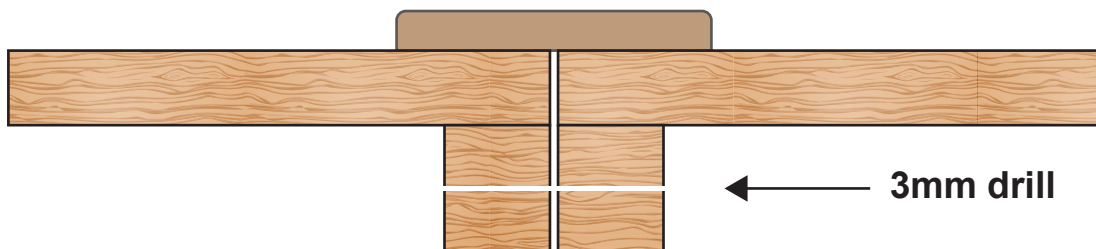
Clamp the board end together in their final position.



Be sure that the top surfaces are perfectly aligned.

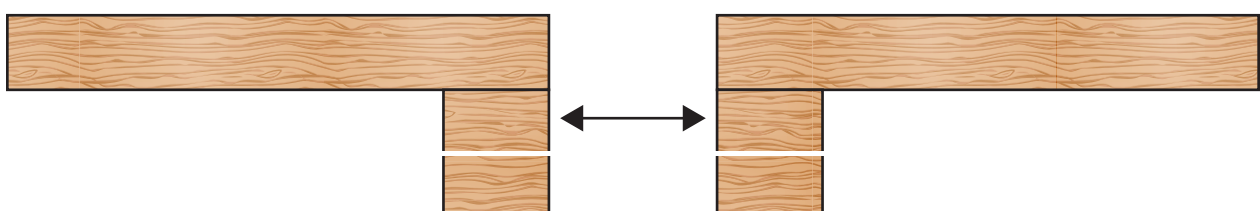
Tip - Temporarily screw an off cut of wood across the top of the joint to ensure it is perfectly flat.

Step 2



Mark the position for the dowels and then drill a pilot hole right through both ends using the supplied 3mm drill bit. Make sure to keep the drill horizontal while doing this, as this step will ensure all subsequent drilling stays in line.

Step 3



Separate the two boards after drilling the pilot holes.

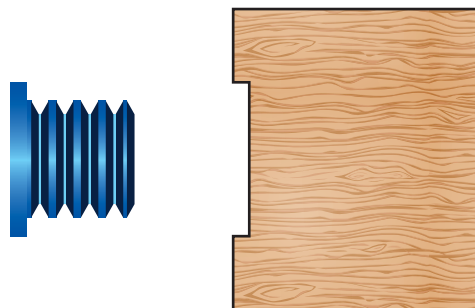
LAYOUT

CONCEPTS

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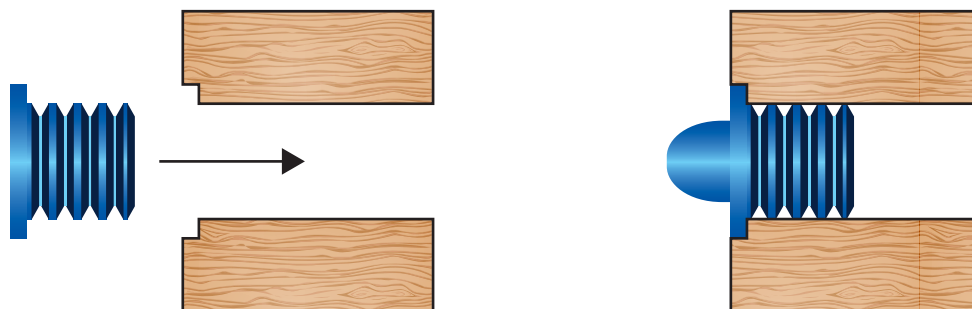
Step 4

Using the 19mm drill bit, drill just deep enough into the front face of each board end to allow the flange of the dowel to sit flush with the baseboard ends i.e. deep enough for the 1.5mm flange.



Step 5

Now working from the inner face of each board, use the 13mm drill bit to drill right through the board. This will leave you with a 13mm hole and a 19mm diameter shelf ready for the dowel installation.



Step 6

Add a little PVA glue to the grooves in each dowel and insert flush with the face of the board. If the hole is tight, tap them into place with a wooden block so that you do not damage the face of the dowel.

The PVA glue holds the dowels firmly enough so you still tap them out later to re-use them on another layout.

To secure the boards after the alignment installation, drill a couple of clearance holes for 6mm bolts and wing-nuts. The holes do not need to be tight as the dowels will do all the work of aligning the boards perfectly.