

How to use your ECT Router Guide

Doweling Using Your ECT

Router Set-up: You will need a *spiral router bit* for doweling and matching diameter dowels.

Tip: If you are using a ¼ inch router, then you can use a normal ¼ inch drill bit and ¼ inch dowels. This is often much cheaper than buying *spiral router bits*. If the drill bit is too long, cut to size.

ECT Set-up: Adjust *left and right guides* for left and right hole positions respectively. Use *pivot guide* for width alignment.

Step 1

Set up work piece as shown



Step 2

Set your router depth to $\frac{1}{2}$ the length of your dowel piece. Position router over work piece holding router base edges firm against the *left guide* and *pivot guide* and plunge straight down. Repeat for second hole, but holding against the *right guide* and the *pivot guide*. This will give you a perfectly vertical and depth of hole.



Step 3

Set-up as shown below, then repeat Step 2. **Do not adjust the guides** (this will ensure you have a perfectly matching dowel joint).



Step 4

Use wood glue to set and join your dowels.

