

# SIMPLY ROUTING

by Mark Eaton

## Tips & Ideas

### Rail & Stile Troubleshooting

#### PROBLEM:

The fit is too loose or too tight in the profile area. The tongue and groove fit well.



#### FIX:

Since the tongue and groove fit correctly, you need to add shims between the groover and the profile cutters.

The joint fits but the stock won't sit flat. The face of the joint is raised above the surface.



The edge of your stock is not square to the face of your board.

The face is not flat. The joint fits but the front or back is raised.



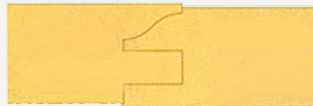
The stock used is not the same thickness causing one board to sit higher than the other.

The joint won't close. Everything seems to match but there is a visible gap in the joint.



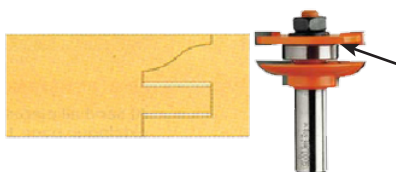
The fence is not isolated to the bearing properly. This will cause one cut not to remove enough material.

The joint is offset. The joint fits but the front and back is raised.



The bead cutter was either too high or too low. Re-align the bead cutter and re-cut the beads.

The joint is loose. Everything seems to match but there is a visible gap in the joint.



Shims are needed between the groover and the bearing to make the tongue thicker.