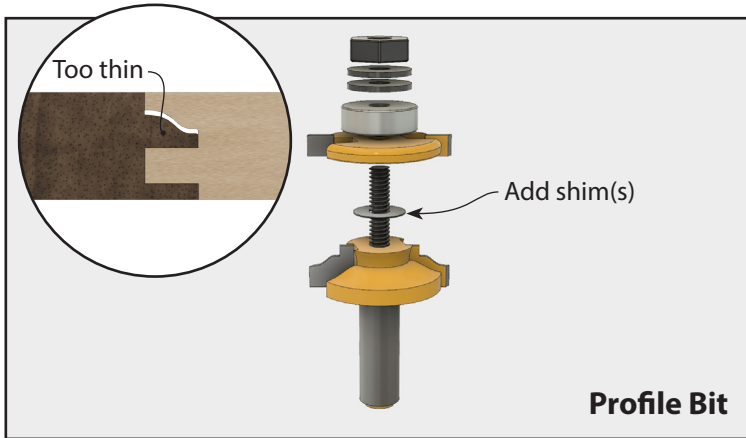




Although Yonico rail and stile bits are pre-shimmed, some fine-tuning may be necessary. Test your router bit setup on scrap material. If required, use shims according to the instructions below to achieve a perfect fit.

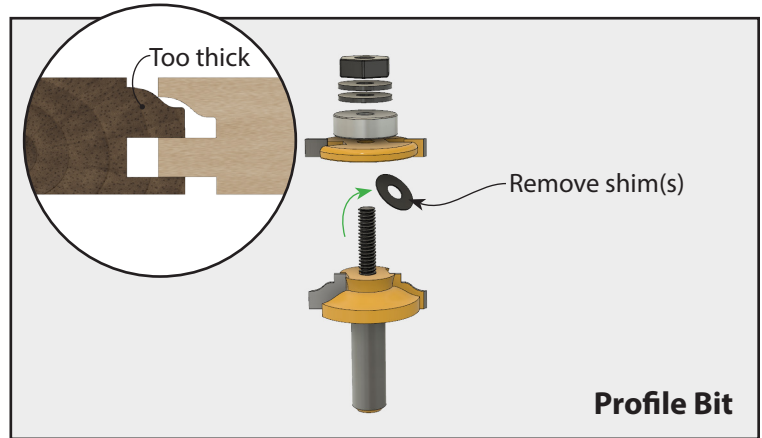
## Four Potential Problems When Routing Rails and Stiles

### 1. Profile bit cuts design tongue too thin



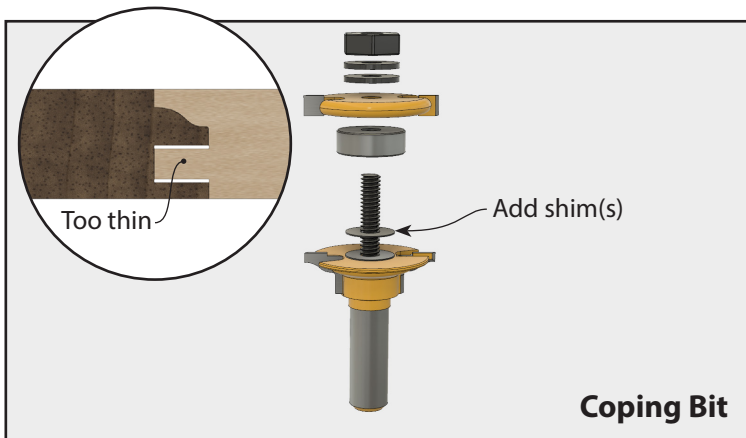
**Solution:** Add shims between the groove cutter and design cutter to increase the height of the design.

### 2. Profile Bit Cuts Design Tongue Too Thick



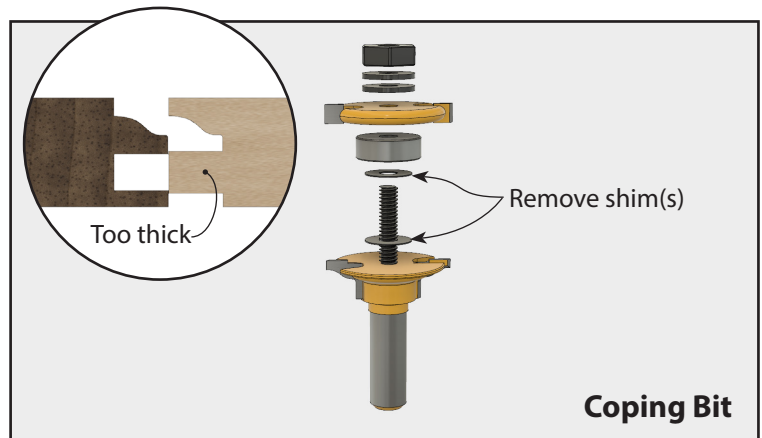
**Solution:** Remove shims between the groove cutter and design cutter to decrease the height of the groove.

### 3. Coping Bit Cuts Tongue for Rails Too Thin



**Solution:** Add shims within the tongue space to add height to the tongue.

### 4. Coping Bit Cuts Tongue for Rails Too Thick



**Solution:** Remove shims from within the tongue space to decrease the thickness of the tongue.