



**Hock Tools 12 Tips  
on  
How to Use a Shoulder Plane  
with  
Isaac Fisher**

# Who is Isaac Fisher?

Isaac Fisher is the fine woodworker and hand tool designer who designed the **Hock Tools Shoulder Plane Kit**. Isaac designed and manufactures our popular **Scratch Stock**, as well as kits for Hock Tools. He owns and operates nearby Pachyderm Furniture, Isaac's woodworking shop in Fort Bragg, California.

In this short presentation Isaac helps you through the basics and best uses of your shoulder plane, including the inside and outside corners.

Isaac also answers woodworking questions for the Q&A editions of *Sharp & to the Point*, the Hock Tools newsletter. If you have a question, please send it to [linda@hocktools.com](mailto:linda@hocktools.com). And, for your information, Ron Hock continues to answer questions related to metal and sharpening at [ron@hocktools.com](mailto:ron@hocktools.com).

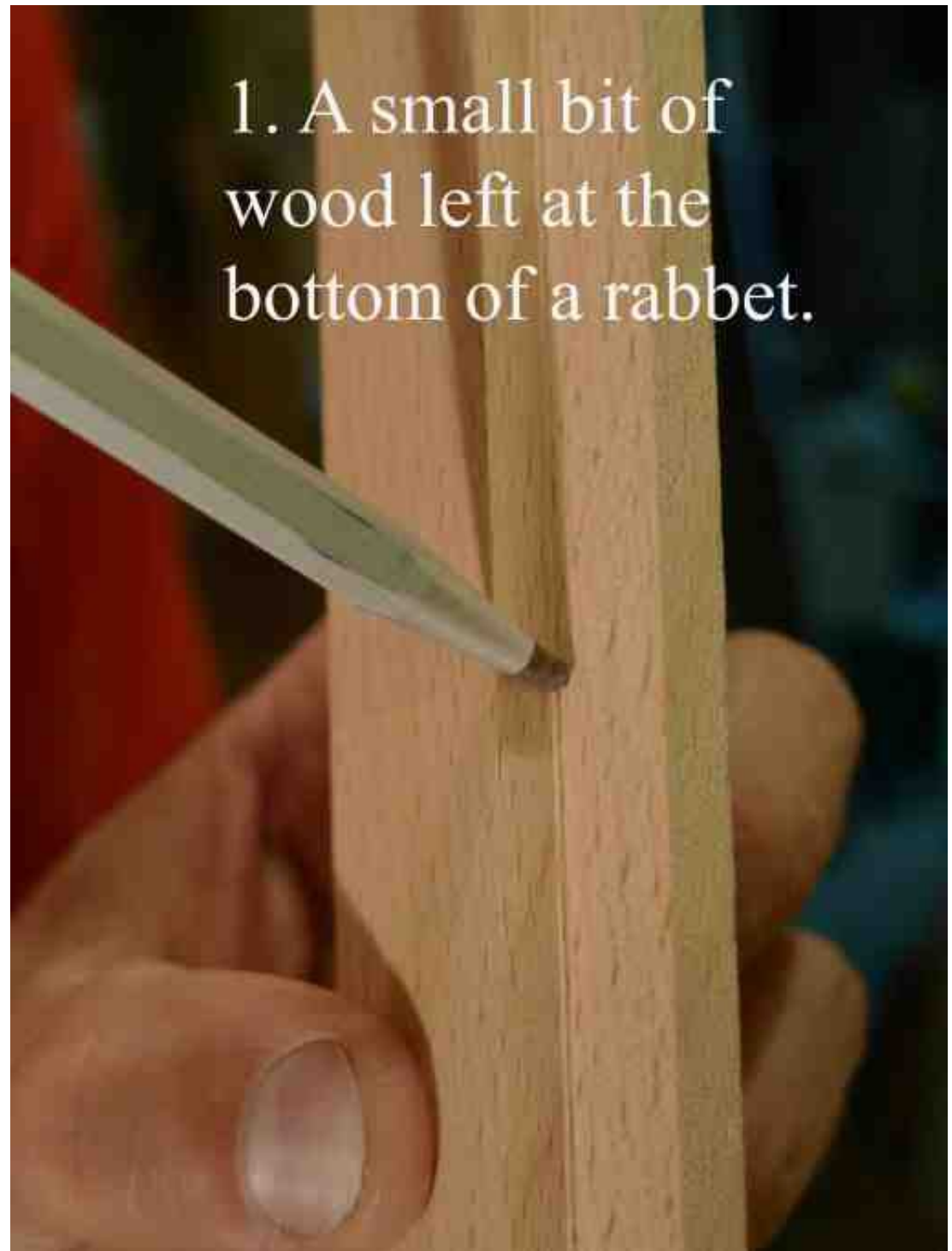
For more information about **Hock Tools products**, please check us out online at **[hocktools.com](http://hocktools.com)**.

**Isn't it vexing when you have worked on a corner but it lacks the acute definition you seek?**

**In these few slides Isaac Fisher takes you through using a shoulder plane made from the Hock Tools Shoulder Plane Kit, *the* shoulder plane that's in your corner.**

**You will see in these 12 easy tips how your shoulder plane helps you make those minor adjustments that produce a keen-edged, sharp and clean corner.**

**Starting with a small bit of wood left....**



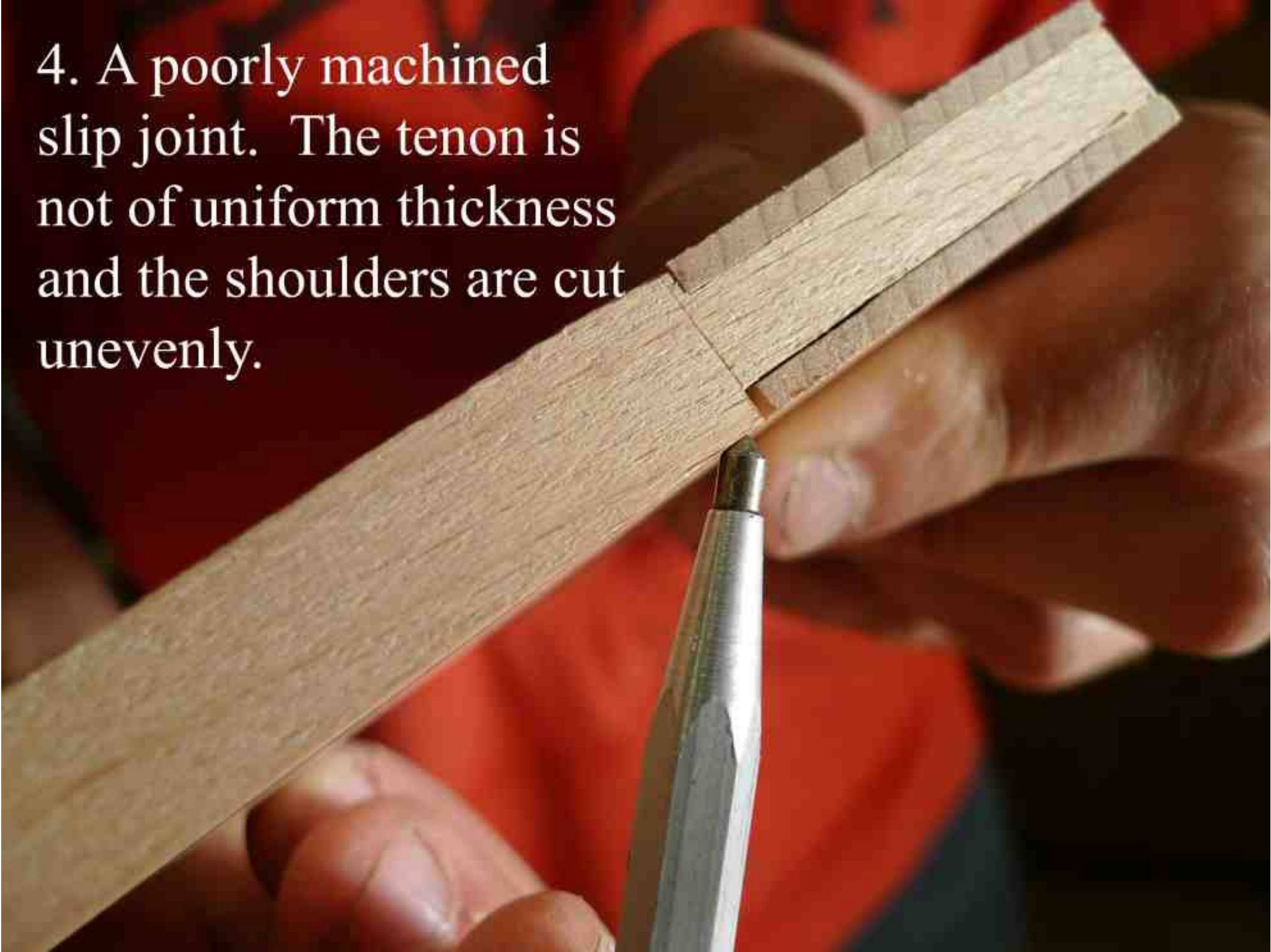


2. Clean up the rabbet using a shoulder plane. Keep the side of the plane in contact with the work piece during the cut. As with other planing operations, cut in the direction of the grain whenever possible.



3. Just a few light cuts produce a clean inside corner.

4. A poorly machined slip joint. The tenon is not of uniform thickness and the shoulders are cut unevenly.



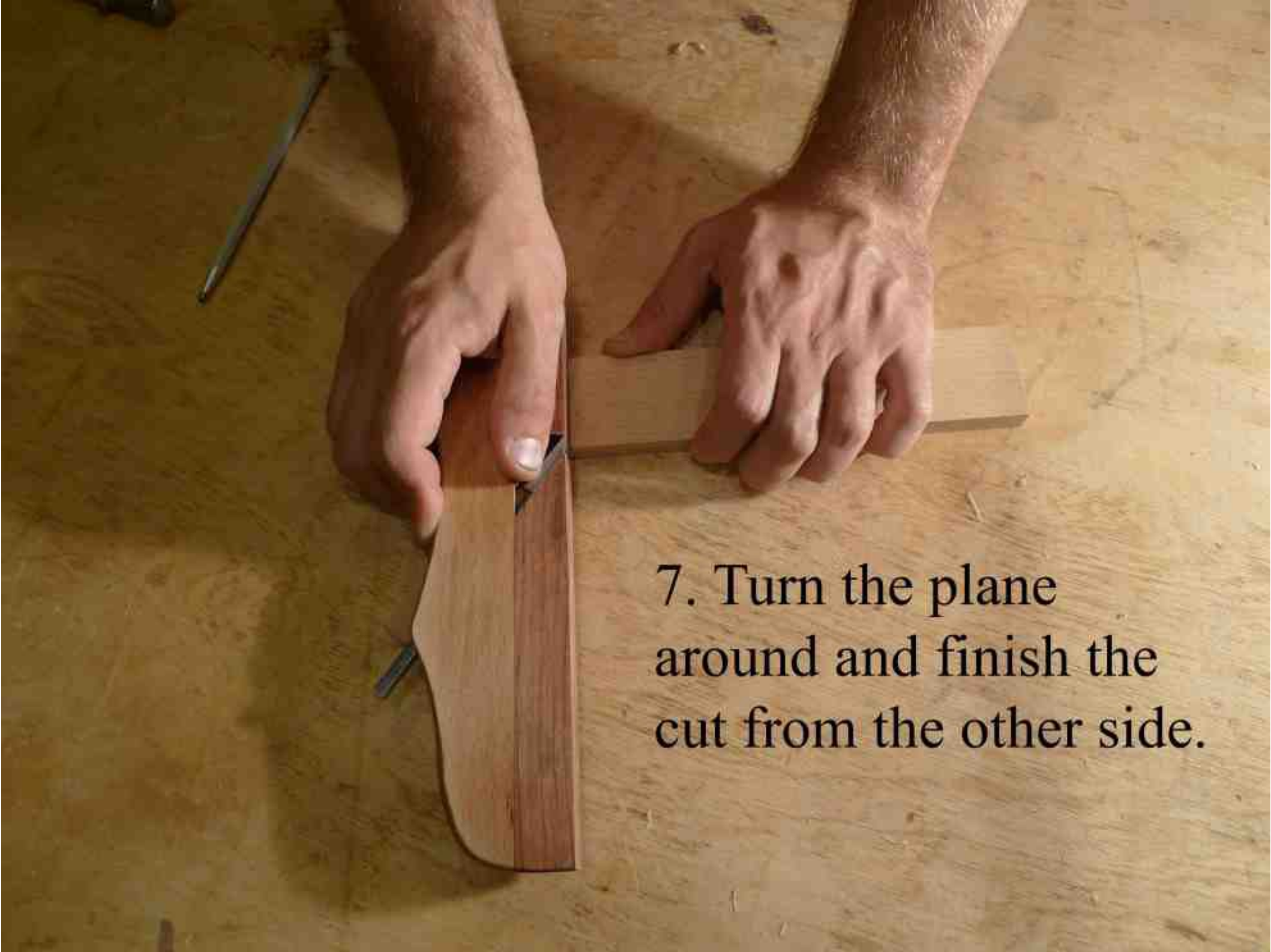


5. Cut across the grain with a sharp shoulder plane to even out the thickness of the tenon. You may need to remove more wood from some areas than from others. Take light cuts and check the fit frequently.



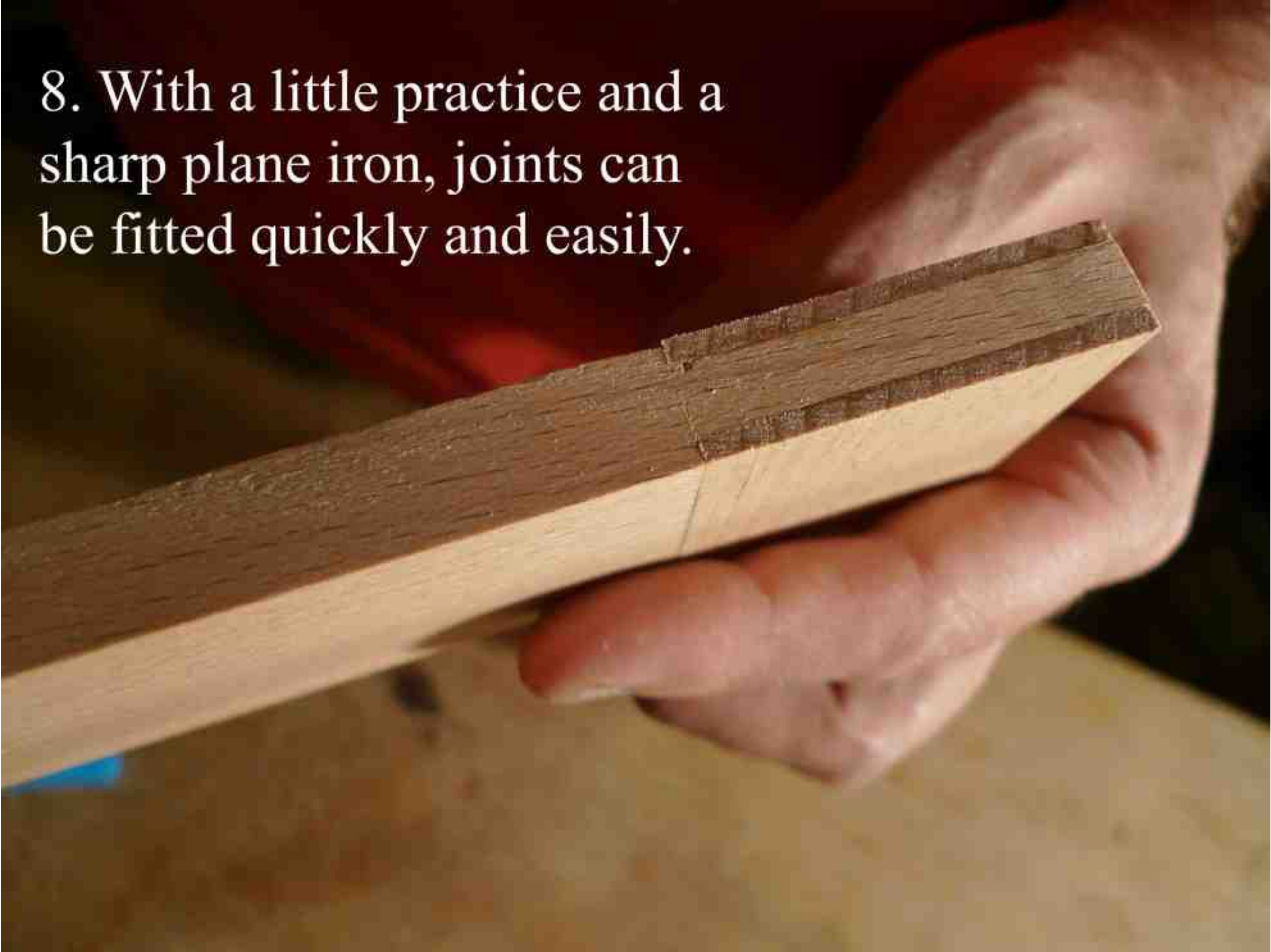
6. After fitting the tenon, use the shoulder plane again to fine tune the shoulders. Keep the side of the plane in contact with the tenon as you trim the end grain on the shoulder. Avoid blowing out the grain by stopping your cut just before you reach the other side.

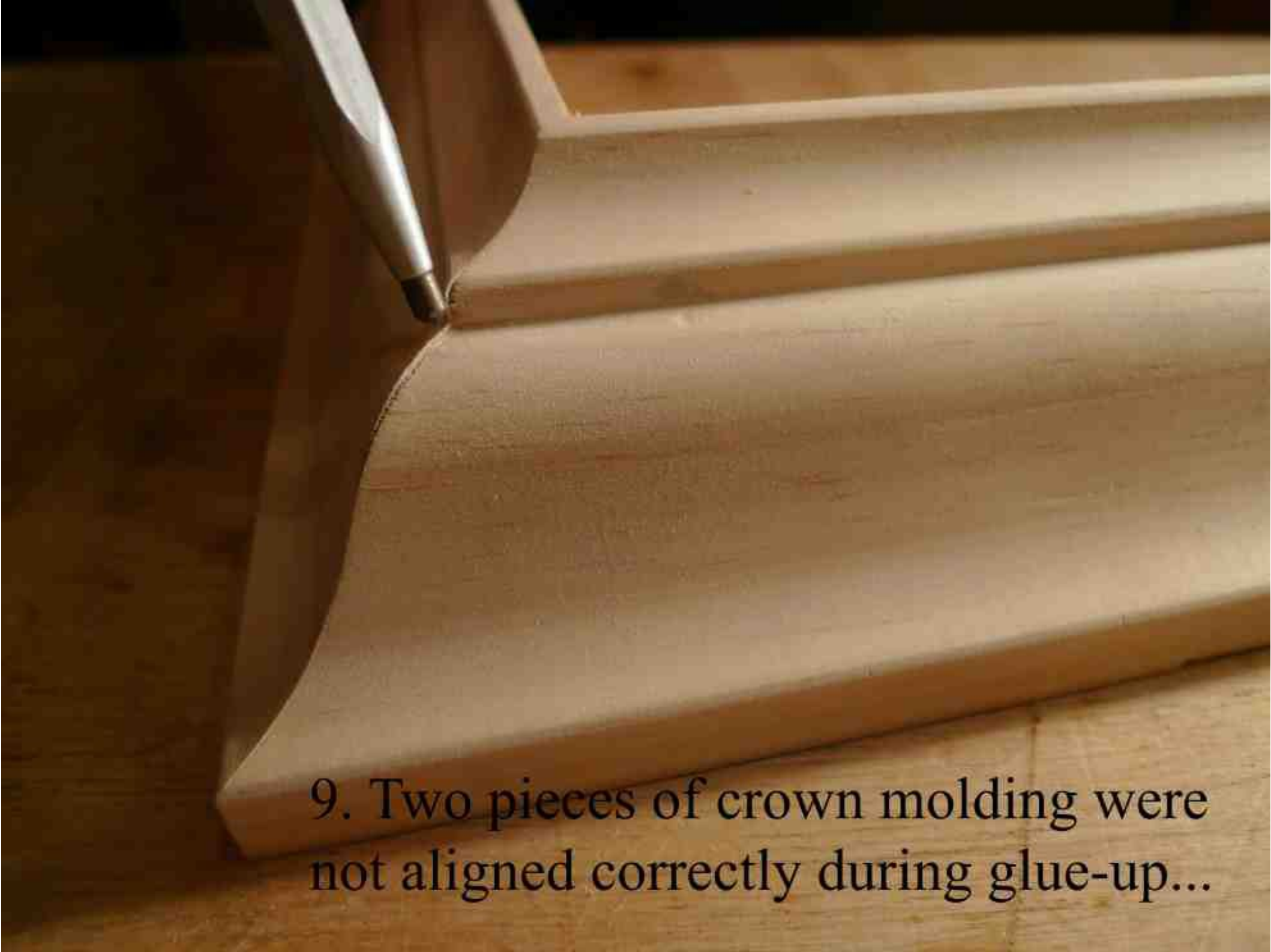


A close-up photograph showing a person's hands using a hand plane to smooth a piece of wood. The person's left hand is positioned to hold the wood steady, while the right hand guides the plane across its surface. The wood is held against a workbench. The plane is a traditional hand plane with a metal body and a wooden soleplate. The wood being worked on is a light-colored, straight-grained piece. The workbench is made of a similar light-colored wood. The lighting is bright, highlighting the texture of the wood and the hands.


7. Turn the plane around and finish the cut from the other side.

8. With a little practice and a sharp plane iron, joints can be fitted quickly and easily.





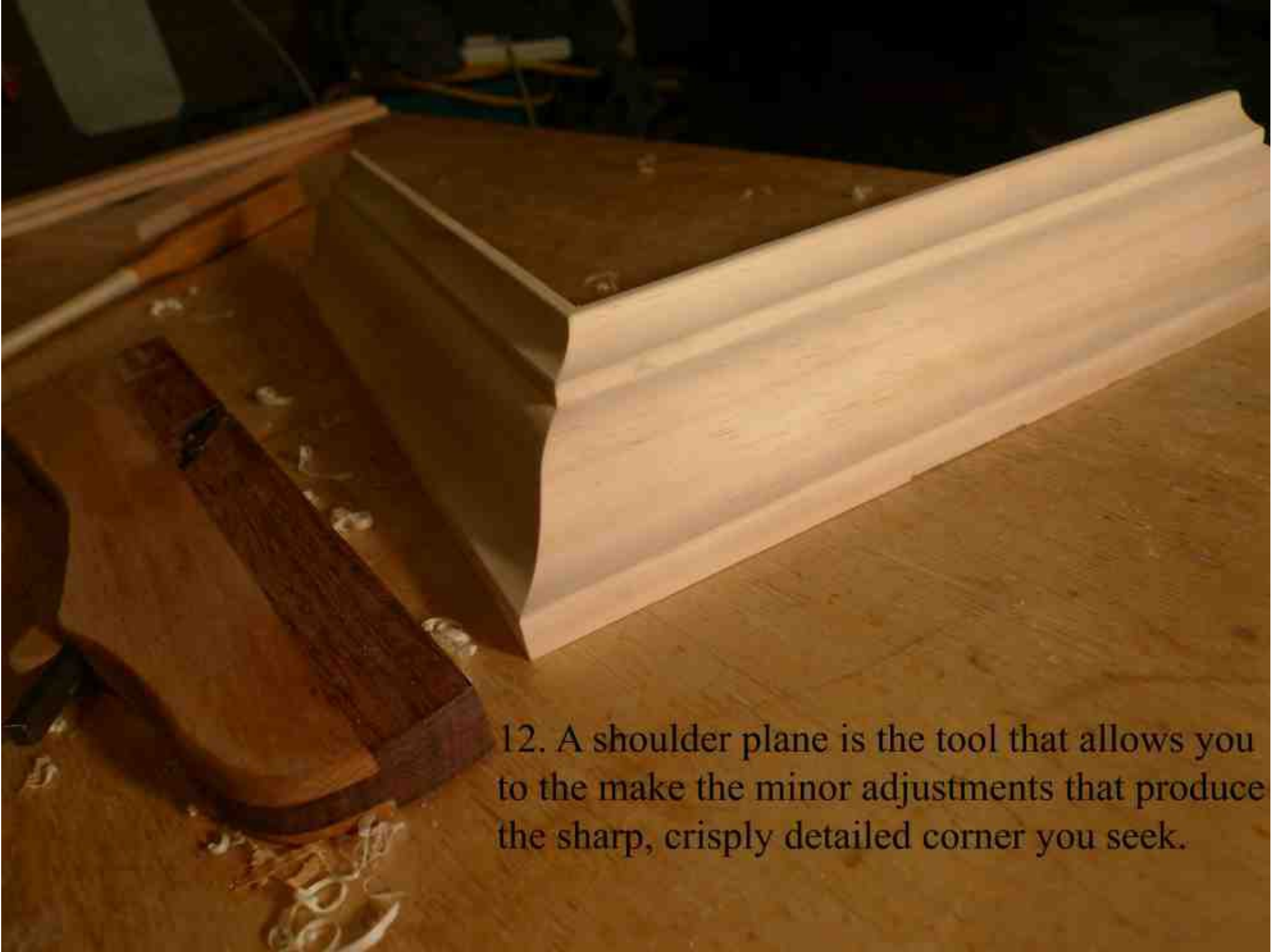
9. Two pieces of crown molding were not aligned correctly during glue-up...



10. Use a shoulder plane to even out the two pieces. Whenever possible, start your cut at the corner and work inward to avoid blowout.



11. If the grain direction forces you to work toward the corner, take very light cuts, and proceed cautiously.



12. A shoulder plane is the tool that allows you to make the minor adjustments that produce the sharp, crisply detailed corner you seek.

# The Hock Tools Shoulder Plane Kit.

A simple, fun and affordable way to add the ever-useful shoulder plane to your tool kit.



From Craftsman Studio's Website>Hock Tools Shoulder Plane.



Hock Tools>Products>Shoulder Plane



Photo Credit:: Matthew Kenney's Blog, 11/2011, Fine Woodworking.



Isaac Fisher's Shoulder Plane Built from a Hock Tools Shoulder Plane Kit.