

The 80/20 Wood Shop

Join Vic Tesolin, Editor of Canadian Woodworking & Home Improvement magazine in the **80/20 Wood Shop** and see how you can increase your accuracy and efficiency. The key to getting great joinery in wood working is to strike a balance between power and hand tools. Using the combination of **80%** power tools and **20%** hand tools in your shop will give you the ideal balance between speed and accuracy. Vic will guide you through cutting three common wood working joints starting with machines and fitting them with minor tweaks using hand tools. Vic will also be covering topics including joinery layout and glue-up techniques. Vic has used the **80/20** method of woodworking for many years and has great success with it so don't miss the opportunity to learn these valuable techniques.

The Bridle Joint

This joint has many uses in woodworking and is fairly simple to make. Bridle joints can be used in the construction of frame and panel doors, joining a middle leg to a table apron, and many other joinery applications. Vic will start with laying out the joint and will then rough cut the joint on the table saw. The next step of creating the bridle joint will be at the bench, making minor tweaks to the table-sawn joint to make a perfect fitting joint. Finally, Vic will show you how to glue the joint so that you get the maximum amount of strength.

The Housed Rabbet Joint

This joint is a great alternative to dovetails when making drawer boxes that will have an applied, overlay drawer front. This rabbet joint also can be used for constructing decorative boxes or setting shelves into a small cabinet. The joint consists of a dado and tongue that interlocks to give you great strength and a clean look. Vic will start with layout, machine and then fit the joint with hand tools at the bench. Once again, the final step will be the glue-up techniques specific with the Housed Rabbet Joint.

The Basic Mortise and Tenon Joint

This is a must-know joint for any woodworker. A lot of furniture making joints are based on this simple technique that offers strength and a clean look. This joint is used in almost every type of furniture construction from chairs and tables to cabinets and boxes. Vic will guide you through the steps starting with the layout, which is the key to having success with the Mortise and Tenon.

Vic will then demonstrate machining the mortise with a plunge router and the tenons with a table saw and band saw technique. As with the other joints, Vic will fit the joint at the bench with hand tools and show you the best way to glue up the Mortise and Tenon – a joint that is commonly glued up incorrectly.