

Meeting Notice:

- **May meeting: Tuesday the 19th at 5:00.**
- **Main Plant Cafeteria**
- **The Kreg Jig.**
- **May Project: Pocket Hole Joints**
- **Door Prizes!!**



Knot News

COLLINS WOODWORKERS GUILD NEWSLETTER

The Kreg Jig

This month we have Larry Ihle, the representative from Kreg talking with us about their new products. Most of us are familiar with Kreg; they make pocket hole jigs. They also offer a lot of other products from clamps to industrial machinery.

Lots of us use pocket hole joints when we make face frames. They are quick and almost fool-proof. Of course there are a lot of other places for that technique; it's the screw version of the toenail joint.

The pocket hole joint can be made without a jig. It's just an

angled hole to clear the screw shank and a counter bore to clear the head. It's easy with a hand brace and an auger bit. It takes more effort but you can use a Forstner bit to counter bore and a twist drill for the clearance hole.

This is another technique that gets easier with tools designed for the task. Kreg's jigs and bits make it easy and lots of people use them. Their systems will work on material thicknesses from 1/2" to 1 1/2".

There are other pocket hole systems for sale. Porter Cable makes one, so does Freud. There are several less known systems out there, some look pretty good, others you really have to wonder about. Kreg is the standard everybody chases.

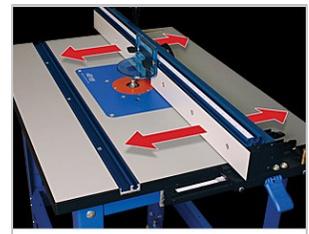
Kreg makes lots of things besides pocket hole jigs. They



Larry Ihle



have a line of clamps. They sell a router table and router table pieces if you want to build your own. If you are into pocket holes on an industrial scale and have some money to spend they have multi spindle pneumatic boring machines.



June Project:

Ok, we're changing things up a little. Because the subject is pocket holes we're going to



change the project this month.

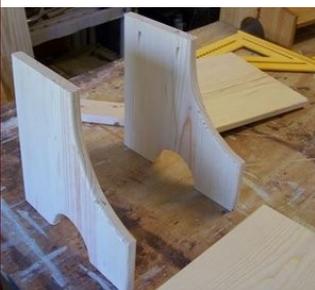
Do you use pocket hole joinery? Lots of us do. It's a versatile joint and easy to make. If so we want to see it. We also want to know about your experiences with whatever fixturing you use.

If you have a project where you used Pocket Hole joinery bring it in. Even if you used something besides the Kreg jig we

Pocket Hole Joints



want to see it.



May meeting

Last month we talked about woods that would stand up outdoors and finishes to help that.

There are a lot of good choices but most of them aren't going to be available at the Home Center.

The National Forest Products Laboratory has a wealth of information on the subject.



Honey Locust

They are a wonderful source because their data isn't intended to sell a product and there is real science behind it. Lots of their information is available on line for free. Much of their information comes from

tests performed in Madison Wisconsin so the climate is very much like ours.



One test involved building fences from 19 different species and checking for decay every day for 25 years. While 19 species isn't exactly exhaustive; there are thousands of species, it does give us a lot of good information. Here is what lasts:

Douglas Fir, Western White Pine, Lodgepole pine, Ponderosa pine, Western white pine, Redwood, Western red cedar, Eucalyptus, Red oak heartwood, and White oak.

Several species that are commonly used outside were not included in the test. Honey Locust is frequently used for fence posts but was not part of the test.

Most construction lumber is sold as SPF:

Outdoor woods and finishes

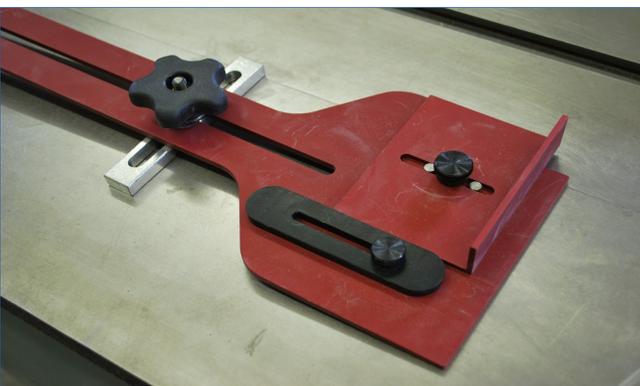


Spruce Pine Fir. It's a mix of different species that varies depending on where you buy it and the time of year. In general it doesn't last long when it's exposed to the elements.

The Project in May was Router jigs. Several people showed what they have.

Woodworking Jigs

Ok, We've seen the demonstration. Dave & Ron's Dado jig is finally in production and we can buy it. If you are interested give Ron a call.



Upcoming projects:

July: Hardboard

August: Crosscut Sled

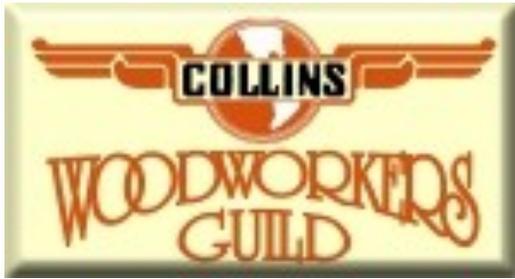


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We need ideas for new projects. Here is an opportunity to show off something that you have made. Suggest it as a project of the month.



The Collins Woodworkers Guild is a club dedicated to preserving the age old practice of creation using the medium of wood. CWG members gather monthly to share tips, ideas and experience to further the knowledge of all members. From creating heirlooms for their families to Toys-For-Tots, members help each other get the most out of their woodworking experience.

Membership in the Collins Woodworkers Guild is open to ALL Rockwell Collins, Inc. Employees, Spouses, Retirees, and Contract Employees, AT ALL ROCKWELL COLLINS LOCATIONS!! Everyone is welcome at our meetings and yearly dues, renewed each September, are \$15.00

GUILD BENEFITS

- Access to our EXTENSIVE library of books, magazines and Tool Collection
- Open exchange of ideas, from project help to house building; and a hand when needed
- Social Activities
- Workshops
- Toys-For-Tots and other Programs to help our Community
- Educational and Informative Presentations
- Open Houses
- Tours

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