Hello Everyone,

Another very good meeting with Jason Swanson. He really seems to know his wood. I am thinking of taking one of his classes to see if I can pick up a little more experience in woodworking. Not to mention, I always enjoy seeing someone’s shop.

Don’t forget July is Show N’Tell. I’m looking forward to seeing what other members are working on. Keep in mind questions and answers to problems are also welcome.

I received an e-mail from Karla Little, from the Fine Furnishings Shows. They are interested in woodworking artists for the HARLEY DAVIDSON MUSEUM SHOW, Oct. 4-6, 2013. You can e-mail them at www.FineFurnishingsShows.com or call at 401-816-0963.

Work safe and share your hobby.
Ronald Reuter

Quick and Easy Dovetails with the Porter-Cable Jig

Chris Kraemer made the use of simple dovetail jig even simpler with a detailed demonstration and many helpful tips at the May meeting of the Wisconsin Woodworkers’ Guild. The dovetail jig was the Porter-Cable 4210, described by Kraemer as a “keep-it-simple” type of jig that is limited in its flexibility but very effective in creating strong joints for smaller boxes, such as drawers.

Rated highly in many online reviews, the Porter-Cable 4210 dovetail jig provides the capability to create half-blind dovetail joints in stock from 1/4” to 1-1/8” thick and as wide as 12 inches. It will also create sliding dovetails.

Another version of the Porter-Cable jig, the 4212, includes a template for through dovetails and box joints.

Kraemer’s demonstration, in the basement of the Woodcraft store he owns and manages, started with half-blind dovetails, including proper setup of the jig, routers and router bits. The templates for the jig create dovetails that are spaced at fixed intervals – one of the limitations of this jig compared with more expensive versions but a feature that makes the jig much easier to use.

Preparation of the stock is very important to creating properly fitting joints, Kraemer stressed. He recommended using the same wood for setting up the jig as for the project itself and said square ends are very important.

Use of the jig requires that the router base accommodate a guide bushing around the bit that tracks within the tongues on the aluminum template. For half-blind dovetails, the dovetail pins and tails are created in the mating pieces of wood at the same time, and Kraemer showed how the pieces can be easily aligned.

For a drawer with four sides, Kraemer recommended a system for marking the pieces to indicate which side was inside as well as the bottom edge along with numbers to indicate the mating corners of the pieces.

(continued on page 3)
Friends of the Wisconsin Woodworkers Guild

**Homestead Finishing Products**, Cleveland, OH  
(216) 631-5309  www.homesteadfinishing.com

**Rockler’s (The Woodworker’s Store)** 1725 S 108th St, West Allis, (414) 774-1882

**Woodcraft**, 14115 W. Greenfield Ave New Berlin, WI 53151 Phone: (262) 785-6770

**Woodline USA** can be reached at (800) 472-6950

Green Man Tree & Landscape Services, owned by Guild member Peter Gustin, Sr. (414) 659-0753

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**Raffles**

**Membership**

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**For Sale Ads**

Hegner 18 universal scroll saw. Variable speed, 400-1700 spm. Mounted on a 34-1/2" metal stand. Instructions and many blades. $900.00

Call Jane Harding at 262-789-8534.

Thank you, Hank Yun

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**Rockler Demonstrations & Classes**  
July 2013

**Woodcraft Class Schedule**  
July 2013

**Woodcraft Class Schedule**  
July 2013

**SCROLL SAW 201**, Sun, July 14, 11 AM - 3:30 PM  
**TURNING 101**, Thu, July 18, 10:30 AM - 4:30 PM  
**DECORATIVE END GRAIN TURNING USING A CHATTER TOOL**, Tue, July 23, 6 PM - 9 PM  
**INTRODUCTION TO POWER TOOLS AND SHOP SAFETY**, Thu, July 25, 1 PM - 4 PM

You can contact Woodcraft at (262) 785-6770.  
Location: 14115 W Greenfield Ave, New Berlin
WWG Programs Workshops

July Meeting

July 11 is our annual Show and Tell. Bring your projects and tell us how it was made, what problems you had and how you overcame them, what tricks or jigs you used, remember we all have the same problems and need help to solve them. Let’s make this bigger and better than ever.

Watch for upcoming speakers and workshops in the next issue of the Ripsaw, do not forget no meeting in August.

Don Brick

Important Meeting Change Notice: the July 4, 2013 meeting is rescheduled to Thursday July 11, 2013 Please note this on your calendar. Don’t forget Guild Show and Tell at July Meeting.

Wisconsin Woodworkers Guild

Board Briefs – June 6, 2013

Attendees: Ron Reuter, Donald Brick, Tim Deadrick, Kevin Seigworth, John Johnson, Leila Crandall-Frink, Rich Frink, and Ken Ochs

Treasury Balance: $5,773.44

Membership: Paid membership is at 100.

Publications: Items for publication in the Ripsaw are due to Leila by June 17th.

Programs/Workshops: Future programs and workshops for the remainder of the year were discussed. Having someone from Woodsmith magazine speak at a future meeting is possible, but no topic was suggested.

Secretary: Sixty-three (63) members/guests attended the June meeting.

Other: Reservations for the December meeting/party at Meyer’s were confirmed.

Respectfully Submitted, Ken Ochs

(continued from page 1)

While it’s possible to use any number of routers with the jig, the need for one that accommodates a guide bushing is critical. Because it’s also important the router bit be concentric with the guide bushing, Kraemer said that he likes to use a DeWalt router with a base that allows adjustments. To center the bit within the bushing, he recommended use of a special centering bit with an attached cone that when lowered bring the base into alignment.

In setting up the jig, Kraemer used a dial caliper to make some of the critical measurements, took a test cut and then made any further adjustments that were necessary. For help on setup, the Porter-Cable jig comes with a very good manual, Kraemer said, along with a supplementary manual for more advanced procedures.

After demonstrating the method for creating half-blind dovetails, Kraemer also showed the process for through dovetails. For through dovetails, the two pieces are cut separately and it’s necessary to flip the template around and change the router bit for one board versus the other. One piece is cut using a dovetail bit while the other is cut with a straight bit.

One of the trickier aspects of setup for dovetails is adjusting the fit of the joint. For half-blind dovetail joints that are too loose, adjust the router to make a deeper cut. If the joints are too tight, adjust the router for a more shallow cut.

For through dovetails, the procedure is different. For joints that are too loose, move the template toward you slightly and if it is too tight, move the template away from you.

As Kraemer demonstrated to May’s assembled guild group, the Porter-Cable jig can be a very effective and easy-to-use tool for making dovetails. With proper setup, all it will take is a light tap of the hammer to bring the pieces together in a joint that will last and look impressive as well.

Submitted by Bob Duchek

Raffle & Door Prizes

Winners of the raffle in June were Andy Wagner, Leonard Mumm and Craig Baltz. Congratulations to you all.

Congratulations to all the winners of the June door prizes; Larry Whitstone, Jeff Nebel, Lewis Enderle, and Craig Baltz.

Enjoy your shopping!
Wisconsin Woodworkers Guild

WWG Monthly Meeting

Thursday, July 11th, 2013

6 PM Board Meeting
6:30 PM Gathering
7 PM Regular Meeting
at Woodcraft
14115 W Greenfield Ave
New Berlin, WI

Topic: Show & Tell

presented by: WWG Members
Bring your items for show and tell.

Important Meeting Change Notice: the July 4, 2013 meeting is rescheduled to Thursday July 11, 2013. Please note this on your calendar. Don’t forget Guild Show and Tell at July Meeting.

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