

Meeting Notice:

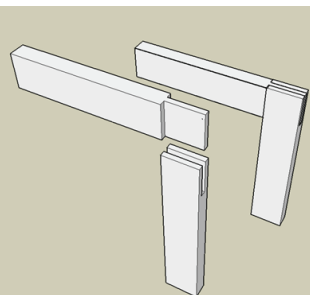
- **August meeting:** Tuesday the 17th at the ACME Tool, 5:00
- **August Project:** Bridle joints
- **Door Prizes!!**



Greatest tool made



Cordless screwdriver



Knot News

COLLINS WOODWORKERS GUILD NEWSLETTER

August meeting

Ever see a screwdriver with a cord? I have a whole drawer full of screwdrivers in my tool box and none have cords. Straight, Phillips, hex, spline, Rogers, a couple with interchangeable tips, even a few straight bits that fit a brace. I also have a really nice Milwaukee with a bad battery. None of them ever had a cord.

The tool industry has brought us an endless array of “cordless” tools over the last thirty years. Some are simply redesigned versions of conventional powered tools with batteries. Some never existed before.

This month Acme has arranged to have the Milwaukee representative come talk with us about them.

“Cordless” tools used Nickel Cadmium batteries when they were introduced and lots of them still do. Nickel Metal Hy-

dride batteries are smaller and lighter but they run hot, don’t like cold weather and don’t recharge all that often before they go bad. The newest common technology is Lithium Ion. These don’t weigh as much as Ni-cad batteries, they’re smaller and recharge at least as often. They can be just about any shape. Take a look at your cell phone; the battery pack is flat and square.



Milwaukee has been making power tools for a very long time. They tend to focus on

Battery Powered Tools

professional grade power tools for tradesmen rather than lower end, homeowner tools.

The Sawzall is one of the greatest inventions of all time, and now they have a cordless version. How else would you replace a door frame or cut the exhaust system out of a Mustang?

Looks like they make a cordless flashlight too!!



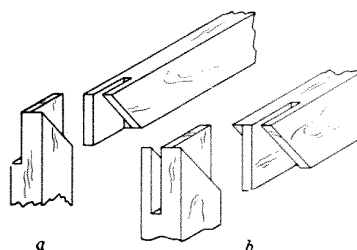
Cordless flashlight

August Project

The bridle joint is a humble thing. You use it because you get a lot of glue area. It’s not quite as strong as a mortise and tenon but has twice the glue surface as a lap joint.

It’s easy to make; just a slot cut in one piece and a matching tong in the other. Nothing requiring advanced techniques and specialized tools, they are pretty simple.

Like most other things in woodworking everybody has a favorite way to make it and there are lots of variations. You can have a mitered version, add pins and



Bridle Joints

splines, angled and lots of others. They are popular for attaching legs to curved chair and table aprons. They are pretty common in post and beam architecture. You see them a lot in old barn joinery.

If you have ever used this gem bring it to the meeting or show us a picture.

July Meeting:

In July we met at the Indian Creek Nature Center for our annual picnic. The Nature Center hosted our picnic to show off several cabinets and displays that our members have been building for them.

Dave Huovenin did a terrific amount of work on the cabinets. Just to make sure that no good deed would go unpunished we let him and his wife Cindy prepare the meat for the picnic too. This is a strange organization.

We all ate well.

The Project for July was anything that is made for food contact. Then only entry was a bowl turned from walnut. Who



made it? Please speak up. You did a nice job.

It's clear that John Cox needs to start coming to these meetings again. That picture is all that was taken and that was with a

Picnic

phone. Besides the poor optics and shaky hand you can see the lack of composition and poor lighting.

Following the picnic several members stayed for the concert by the Iowa Vanguard Jazz Collective. The music was great and everyone who stayed enjoyed it.

Community Events:

We have a lot of woodworking activity in the area. Here is a rundown:

Amana Woodfest is going to be August 27–29th. Information is here:
www.amanaartsguild.com/woodfest_form.pdf

The “Other” woodworking club, **The Corridor Woodcrafters**, is having their next meet-

ing on September 2nd at 6:30. This time they are meeting in Squaw Creek park to talk about tree identification. They generally meet in John Schwartzkopf's shop in the Cherry Building on 10th Ave and 3rd St SE.

The **Cedar Valley Woodcarvers** are meeting on the second Tuesday of the month. The next one is on September 14th at 7:00 PM. They

meet at the American Legion Post 298, 625 31st Street in Marion. More information here:
<http://cedarvalleywoodcarvers.com/>

We have an active **Woodturning** group in the area. If anyone has information on the group please speak up and it can be included here.

Upcoming projects:

September: Biscuit Joints.

October: Oil Finish.

November: Construction lumber; SPF

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.



KNOT KNEWS
Is published monthly by the Collins
Woodworkers Guild

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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