

MONTHLY NEWSLETTER

ISSUE NO.

02

MARCH 2024



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President's Letter

We are so fortunate to have Bill as a member, he brings so much to our club demo's. Every demo or visit to his shop I learn something. Thanks, Bill, for a great demo.

We need more demonstrators for our monthly meeting. If you've ever thought, I can't get up in front of the club and demonstrate you could be right or you could be wrong.

You won't know until you try. I would like to challenge you to try. In my past life as a consultant for the fast-food industry, I have taught many managers and executives how to prepare and practice their preparation to a group of colleagues. If you are interested, I would be honored to help you in your demonstration journey.

I can guarantee. You will be a better Woodturner. You will feel good about yourself. Your club members will learn something. You are demonstrating to your friends who love you.
The next time will be easier.

AAW has some great videos and articles on preparing for demonstrating. Click the links below. If it doesn't copy and paste to your browser. If you're not AAW let me know.

<https://www.woodturner.org/Woodturner/DemoDirectDemonstration/DDirectDemoHomepage.aspx>

Monthly wood raffle, thank you, Beth, Ridge and their team. Wood raffle donation \$70.00, bowl blank donation \$150.00. These donations pay the \$100.00 monthly rent the rest go to the equipment fund. When the equipment gets to \$1000.00 the money will go to the general fund. We will maintain \$1000.00 in our equipment & maintenance fund.

Carlos Angulo
President GCWT

WIT
Women in Turning

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CALENDAR OF EVENTS

JANUARY EVENTS

~~10th Zoom board meeting 10am~~
~~17th Carl Jacobson zoom demo 6pm~~
~~24th Club meeting 6:30 – 9pm~~
~~Club demo, Kent & Ridge~~

FEBRUARY EVENTS

~~28th Board meeting 5 – 6pm~~
~~28th Club meeting 6:30 – 9pm~~
~~Club demo, Bill~~

MARCH EVENTS

~~16th Zoom with Kirk DeHeer 9am~~
 27th Club meeting 6:30 – 9pm
 Club demo, Carlos Angulo

APRIL EVENTS

Sawdust training two-day event
 19th 9 – 3 demonstration
 20th 9 – 4 all day woodturning class
 24th Club meeting 6:30 - 9pm
 Club demo, Steve Danner

MAY EVENTS

15th Club meeting 6:30 – 9pm
 Club demo, any volunteers
 23rd - 25th AAW Symposium
 Portland, Oregon

JUNE EVENTS

No club meeting
Sawdust training two-day event
 21st 9 – 3 demonstration
 22nd 9 – 4 all day woodturning class
 26th Club Picnic at Western Gateway Park

JULY EVENTS

13th Zoom pro demo Lyle Jamieson,
 10am
 24th Club meeting 6:30 – 9pm
 Club demo, Rich Aeschliman
*Bowl turning for empty bowls and BBQ at Beth
 Gillian shop TBD*
Officers & Directors nominated

AUGUST EVENTS

No club meeting
Nevada County Fair 7th - 11th
 24th Members shop tours

SEPTEMBER EVENTS

25th Club meeting 6:30 – 9pm
 Club demo Karen Paustell
Habitat for Humanity fundraiser TBD
Officers & Directors listed in newsletter.

OCTOBER EVENTS

23rd Club meeting 6:30 – 9pm
 Club demo Edson Holmes
Officers & Directors voted on

NOVEMBER EVENTS

No club meeting
 9th Member shop tours
Planning meeting for 2025 TBD
Officers & Directors start working

DECEMBER EVENTS

11th Christmas party at the Elks



COACHES

Coaches are available, for lessons, problem solving, tool trials, or any other woodturning matter. They love to hear from newbies, experienced turners...the whole lot.

They each have debts to pay from the long-time turners they learned from that they can only take care of by "paying it forward". Feel free to contact them and set up a time. Coaching is normally done in the coaches shop.

Be a coach/mentor! Few of us learned to become accomplished turners without guidance. Share what you know with those who are eager to learn! If you would like to be added to our list or need more info contact Carlos Angulo

Nevada City

Bill Juhl 530-263-6602 Bowls, natural edge bowls, harvesting wood, burls, sharpening, tool selection, lathes

Grass Valley

Carlos Angulo 916-765-8525 Bowls, natural edge bowls

Penn Valley

Jim Cochrun 530-615-1409 Pens

Grass Valley

Karl Miller 530-432-2402 Bowls

Club meetings are on the 4th Wed. each month at 6:30pm except August, November and December for our Christmas party. Held at the Elks lodge at 518 CA-49, Nevada City. Meetings are open to all members and our local community.

We are trying something new with Board meetings. Noon time Lunch meeting at a local restaurant is lumberjack in Grass Valley the day before the member meeting. March 26th as always, open to all members. I will send an email when we know the location.

Club Membership:

As of March 1st 2024 we have 66 active members. Here are 7 great reasons to stay and ask you friends to join.

1. You will miss the smiling faces of your club members.
2. Three pro zoom demo's coming. Kurt DeHeer in March, Lyle, Jamison in July and Stuart Batty in August. All free to members in good standing.
3. Apply for a scholarship enables you to get funding for first time, symposium trip or a two-day training class.
4. Two hands-on sawdust training sessions coming up.
5. Monthly club demo's
6. Fun summer picnic and a wonderful Christmas party.
7. Your membership helps keep our club alive. GCWT Scholarship Program 2024

The club scholarship fund provides grants annually to qualifying members of Gold Country Woodturners to encourage woodturning learning by participation in educational wood turning events, classes and/or symposiums.



NO COMPUTER

Our club communicates through emails, website, and newsletter. Some of our members do not have computers or use email. If you know of a member that does not have email, ask them to contact me. We can mail the newsletter and other important event info to them. This will help keep everyone connected and informed.

Carlos Angulo
916-765-8525

RIDE SHARE

As time goes by, we are all getting older. I would like to suggest we start a ride share program to help members get to the many events we provide. Some don't like to drive at night or in the rain or they can't anymore for whatever reason. If you need a ride or would like to help, please contact

Carlos Angulo
916-765-8525

SPINDLE-ROUGHING GOUGE

I found this on the AAW website. I thought it was interesting.

Spindle-roughing gouge Until recently, spindle-roughing gouges were simply called roughing gouges. The name change/clarification came about because of the increasing number of woodturners who thought that a roughing gouge would be okay to use to rough out a bowl blank.

Doing so caused numerous accidents when the small shanks of these large cross-sectioned tools snapped from the incredible force exerted by a rotating bowl blank. For safety's sake, a roughing gouge, more correctly called a spindle-roughing gouge (SRG), is used only for roughing out between-center spindle work where the grain of the wood runs parallel to the bed of the lathe.



2024 OFFICERS & DIRECTORS

President: Carlos Angulo
Vice President: Kent Kellegrew
Treasurer: Rick Panos
Secretary: Edson Holmes

DIRECTORS

Peter Voskes
Ed Larson
Stephanie Blake Futch
Hank Wikstad
Rick Aeschliman
Beth Gilliam

SPECIAL ACTIVITY LEADS

Membership & Roster: Nancy Bynes

Web Master: Ridge McGhee

Wood Raffle: Kenny Frerichs

Cookies: Karin Paustell

Coffee: Don Freguson

Photos: Dave Nelson

Fair Coordinator: Peter Voskes

Scholarship Chair: Rick Panos

Scholarship Team: Edson Holmes
Carl Van Son
Carlos Angulo

Audio: Mark Maxson

Video: Don Anderson/Mike Selser

Newsletter/Social Media: Marco Del Rio

Elks Club Member: Karl Miller
Beth Gillian

Zoom Coordinator: Edson Holmes

Christmas Party Coordinator:
Kent Kellegrew

Empty Bowls: Patrick Speer

Picnic Coordinator: Kent Kellegrew

Flyer for Demo's: Randy Panos

Tool & Trailer Coordinator: *Open*

WIT Liaison: *Open*

Wood Gathering Chair: Beth Gillian

Wood Gathering Team:
Edson Holmes
Peter Voske
Brad Peceimer-Glasses
Robert Castlebary
Rick Aeschliman

Fundraiser (New): *Open*





Kent Kellegrew and Beth Gillian

“
*Get your photos added
to newsletter by
emailing them to
marco.delrio@gmail.com*

*The newsletter articles
and photos are due by
2nd Tuesday of every
month.*

”

Marco Del Rio

*These bowl
blanks will be
coming to
our meeting
soon!*



How to avoid a catch

Woodturner's Fear Factor

By Lyle Jamieson

If you've been around the AAW for a decade or more, you may recall "Five Ways to Avoid a Catch," a well-read journal article Lyle Jamieson wrote in 1996. Lyle has revisited this topic with fresh drawings and thoughts to take you beyond the suffocating fear of catches.



To hollow "Class Act" and similar sculptures, Lyle Jamieson uses a supported boring bar. "If you set up a supported system parallel to the floor, you can't get a catch," he said. On his lathe, Lyle hollowed this 20x6x5" elm piece on three axes.

It seems simple, but there are complicated forces taking place while you shape a revolving piece of wood with your turning tools. I want to simplify the process and put a language to catches. If you understand what causes a catch, you can eliminate the cause.

There are just four cuts in all of woodturning: push cut, pull cut, scrape, and shear scrape. Let's further break down these cuts into two groups:

- The push and pull cuts require bevel support to prevent catches.
- The scrape and shear scrape require that you don't violate the 90-degree rule. More about that later.

Start with sharp tools

A primary way to prevent catches is to turn with sharp tools. A sharp tool can shear off those end-grain fibers cleanly and smoothly. However, a dull tool will push, grab,

and tear out end-grain fibers. You can have all the right techniques and still have trouble with catches if your tools are not sharpened properly and often. Sharp tools mean less sanding, and I don't like to sand. Who does?

When using gouges and doing the push and pull cuts, most catches come from allowing the gouge to cut while not being supported by the bevel. Without bevel support, the tool will dig in violently in a split second. Big chunks of wood are ripped away.

The bevel prevents the gouge from cutting too aggressively—it is a controlling factor.

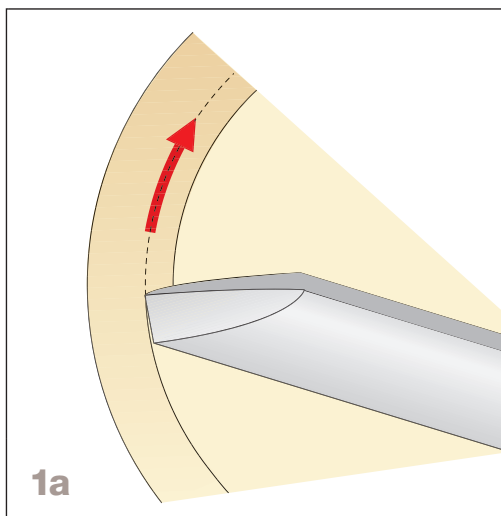
Inside the bowl

Let's first focus on the inside of a bowl. This is where catches are most apt to occur because the inside of a bowl is where we are prone to lose bevel support.

The direction the gouge wants

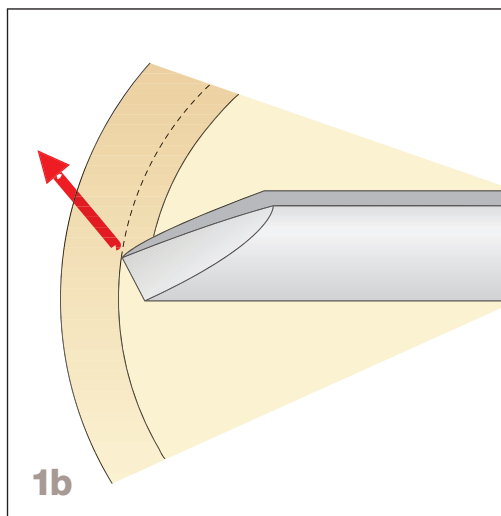


How to hollow the inside of a bowl



SAFE

Note the arrow indicating the direction the tool wants to go. Swing the handle slowly toward your body to direct the bevel to travel the path indicated by the dashed line.



RISKY

Note the arrow indicating the direction the tool wants to go. Swing the handle slowly toward your body to direct the bevel to travel the path indicated by the dashed line.

to cut is along a line from the heel of the bevel to the sharp point of the edge, as shown in **Drawing 1a**. The first approach is to relax and let the tool go where it wants. Relax the tool-rest hand and direct the cut by moving the handle hand. You can get pretty good at white knuckling your way through a cut, as shown in **Drawing 1b**, but the surface left behind will need a lot of sanding.

It is not much fun when a catch ruins the shape you intended. Relax, take a deep breath, and let your handle hand do the work.

Find the sweet spot

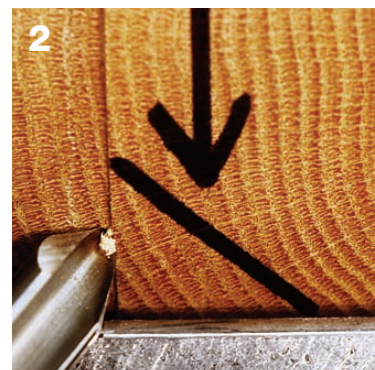
You will hit the sweet spot for a clean cut with the flute pointing in the direction you want to travel with your cut. A twist of the tool will have the flute pointing at a 45-degree angle. Whenever possible, maintain this shearing cut to cleanly slice through each grain

fiber as it spins past your tool. Your gouge cuts the shaving at the tip of the cutting edge, as shown in **Photo 2**.

This may help: Think of the motion of an ice cream scoop scooping out the inside of the bowl. You have one hand on the handle of the ice cream scoop and then follow the shape of the rounded scoop for your ice cream.

With the bowl gouge, you follow the little tip of the tool, or the bevel. Swing the tool handle to follow the contour of the vessel with the bevel.

“Ride the bevel” is the usual term to describe this, but it is a terrible term. You don’t want to ride the bevel, you need to follow it gently. Riding the bevel too hard will cause a number of problems: It will burnish the surface, create vibrations, and bounce the bevel into any voids in the vessel. For me, a “bevel-supported cut” is better.



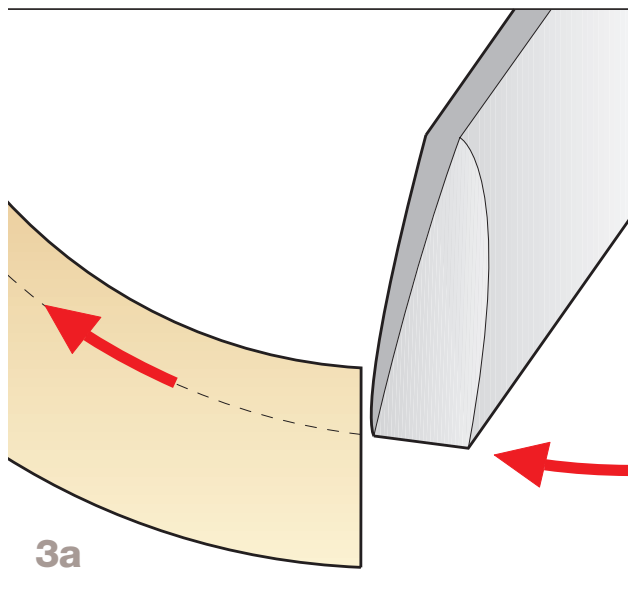
Note the arrow indicates the direction the wood is traveling past the tool. The 45-degree angled line shows the angle that will produce a clean slicing cut. To get this angle, twist the tool on its axis with your handle hand. The shaving comes off the right-hand side at the tip of the tool.

Bevel-supported cut

One of the hardest things to accomplish is to start a bevel-supported cut. The tool wants to skate in a spiraling manner across the face of the wood when you start at a 45-degree angle.

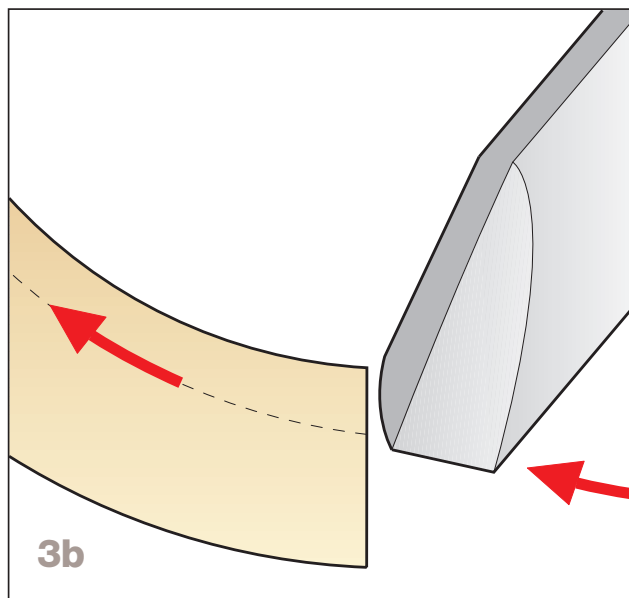


Starting a cut: Here's a safer way



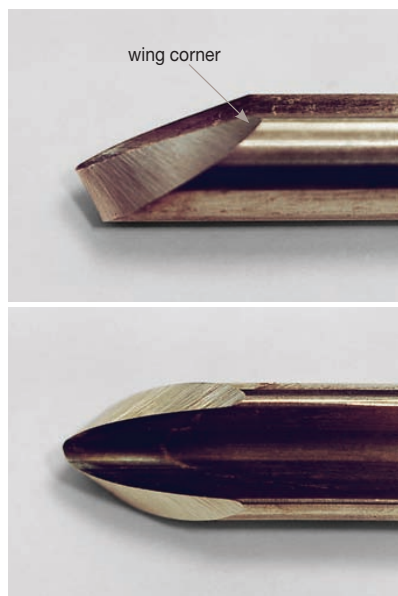
SAFE

If your gouge is ground to the profile shown below, you get quick bevel support and reduce the chance for a catch. The red arrow indicates the cutting direction.



RISKY

A gouge with a hump at the tip cuts into the wood long before the bevel has a chance to give support. This can cause a catch or even blow up a thin-walled bowl or vessel.



The wing (side) profile of Lyle Jamieson's favorite grind has a nearly straight line from the tip to the wing corner.

The bowl-gouge grind can make it easier to enter a cut. I reshape the Ellsworth grind slightly to make the entry into a cut easier for me, as shown in **Drawing 3a**. When I use a gouge with a slight hump near the tip, the tool attempts to grab the wood first before the bevel support has been established, as shown in **Drawing 3b**.

I prefer the sharpened edge that is almost straight from the top to the back corner of the wing—there is no hump when viewed from the side, as shown at *left*.

Hollowing systems

When setting up your supported hollowing system for boring out the interior of a hollow vessel, make sure the scraper cutting tip is parallel to the floor and on the centerline of the vessel, and you will never get a catch. This setup will be cutting right at 90 degrees.

(You can err slightly with the tool-rest position on the high side, but never have the cutter below center in a hollow form.)

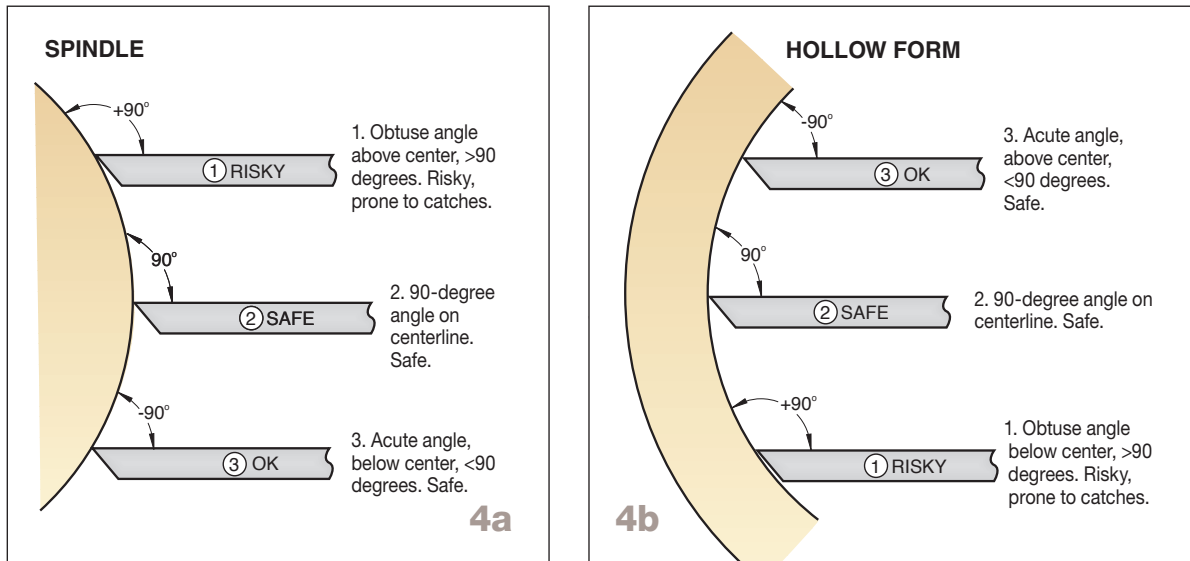
If you choose to twist the cutter for a shear cut, keep this in mind: When you angle one side of the cutter down to shear scrape, the opposite side of the cutter is pointing up into the wood and will get grabby and produce a catch.

Scraper strategy

A scraper requires an entirely different process from a gouge. Whenever a cutting edge touches the wood without the bevel support, a catch can occur. (The exception is the edge touching the wood at less than a 90-degree angle, as shown in **Drawing 4a and 4b**.) With a scraper positioned flat on the tool rest and parallel to the floor, the tool-rest height is critical. If the tool rest is high on



Scraper positions for spindles and hollow forms



the outside shape (like a spindle), it gets risky. If the tool rest is too low on the inside shape, like a hollow form, it gets risky, as shown in **Drawing 4b**.

This is why negative-rake scrapers came into vogue. The negative rake gives you extra insurance to not violate the 90-degree rule. With handheld scrapers, you can change the angle at which the tool touches the wood by raising or lowering the handle.

Move beyond fear

As I teach at chapters around the country, I meet many self-taught students. They settle for techniques that are difficult and demand considerable sanding, and some of the techniques are downright dangerous.

The fear generated from catches is suffocating. If you walk up to the lathe with catch butterflies, you

are missing out on the true fun of woodturning. Do you worry about taking one more cut?

Woodturning enjoyment starts by being in control at the lathe. Taking “catch” out of your vocabulary will make turning a lot easier and more pleasurable.

You can watch others turn or read all the articles available and still have catch fear. I suggest getting some hands-on help. Take your turning job to the next level. It is not necessary to pay loads of money to get some woodturning instruction. All AAW chapters have good turners to mentor you—usually just for the asking.

Recently, I had a chance to speak with Michael Hosaluk, and he made a statement that summed up woodturning experience. He asked, “What is the difference between a beginner and an advanced turner?” And then he

answered his own question with, “It is what you do with the basics.”

I truly believe in this approach. Get the foundations right, and it opens up possibilities of excellence rather than creating obstacles and settling for mediocrity.

Now, let’s get over your fear of catches. The fun and creativity locked up inside you will take you places you never imagined.

Lyle Jamieson (lylejamieson.com) is a full-time woodturning sculptor and instructor who lives in Traverse City, Michigan. He is president of the Northwestern Michigan AAW chapter.

