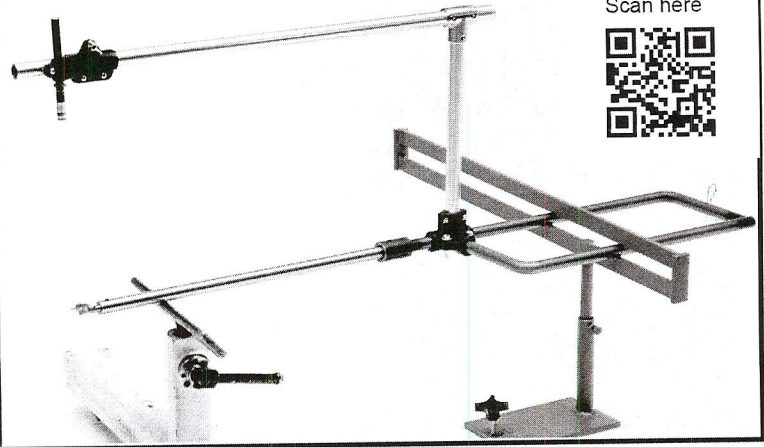


THE FACTS

Lyle Jamieson

About Hollow Forms Turning Systems

For website
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History

In 1996, Lyle Jamieson started producing a boring bar hollowing system with a laser-assisted measuring device that changed how hollow form turning is done. This was revolutionary. There were turners in that era that were using home-built boring bars that were so big and heavy that the turner could not hold the handle up and still have control and accuracy. Lyle took this stabilized platform approach and shrunk it down so anybody could afford to do hollow forms without sitting on the lathe and beating up their bodies in the process. To keep the price down, Lyle's system is low on glitz and high on function - it works! One important aspect of Lyle's boring bar is, it is MADE IN USA! There have been a number of boring bar systems that have come and gone in recent years. You can count on Lyle being around when you need help.

What's the difference?

Scale

The 3/4 inch diameter boring bars have been the standard for decades of hollowing. They allow the most flexibility for getting into relatively small mouth openings and can reach out over the toolrest to hollow without vibration in most traditional shapes. Lyle's straight bar creates stability, strength, and accessibility. It is safe to use with no moving parts that create pinch points. At the next symposium you attend, you can look out over the instant gallery room and know you can turn any shape you see out there. What's the difference?

Accessibility

It is important to open up possibilities with your tools, not limit them. Lyle's swiveling tip tool holder allows an infinite range of cutting motion for the efficiency of the 3/16 inch cutting tool to reach any shape vessel imaginable. The boring bar and backrest support are versatile enough to undercut shoulders without constant fiddling. Lyle has developed the cutters with 3 ranges of

reach with one boring bar. No need to purchase special boring bars to access the different shapes desired. What's the difference?

Torque Arrest

Lyle uses a "D" shaped handle torque arrest method because it spreads out the considerable twisting forces with a broad brush. When the cutter is positioned around to the left to undercut a shoulder or reach into that hard to reach spot through a small hole, the torquing forces can get intense. Lyle wants the fingertip control to clean up tool marks and smooth the inside contour of the vessel. What's the difference?

Physical Effort

It can't get any easier. The Jamieson system allows you to stand comfortably in front of the lathe with fingertip control to reach any desired hollow form shape. No need to get a stiff neck and sore back leaning over the lathe looking into the entry hole. No need to sit on the lathe and hang onto the handle with a death grip. It is all about the fun. You do not need to work hard hollowing any more. What's the difference?

The Laser

Everyone knows the benefits of laser measuring. It is no longer necessary to work blind in a shaving-filled hollow form. The laser puts you in complete control of the wall thickness. Never turn through the side of a vessel on which you have worked for hours to get the outside shape just perfect. The laser must be easy to set, quick to set, and accurately set. The laser, in real life use, must be reset often and accurately to do uniform, thin-walled vessels. Some lasers take three hands to set them. The laser can "see" through the waste wood and show the shape and depth of the inside bottom of your vessel. What's the difference?

Education and Backup

The Jamieson system has Lyle with it and

behind it. Lyle has been a respected, reliable educator for decades. He has a popular instructional DVD that covers the techniques of the boring bar system and the use of the laser measuring device. He publishes a monthly newsletter with tips and tricks on hollowing as well as a Question and Answer section covering a wide range of topics. Sign up for his newsletter at www.lylejamieson.com.

com or view archived copies. Lyle has been published many times in most of the woodturning publications with articles on subjects ranging from preventing catches to carbide cutter techniques. Lyle was a featured demonstrator at the AAW symposium in San José 2012 and participates at many regional symposiums either demonstrating, as a vendor, or both. People that have the

Jamieson System are considered Part of the Family. What's the difference?

Summary

As Joe Friday said: "Just the Facts, ma'am, nothing but the facts." The Jamieson hollowing system is the best, easiest to use, easy to set up, inexpensive, comes with instructions. Set up correctly it will never get a catch. Children and young turners have enjoyed it for years. One hundred percent satisfaction guaranteed. Ask anybody that has one, "What's the difference?"

Lyle Jamieson is a full-time woodturning sculptor & instructor from Traverse City, MI. He is President of the Northwest Michigan Woodturners (tturners.org). Lyle is known for his figurative sculptures & for the Jamieson boring bar & laser measuring system. He has been a featured demonstrator at many AAW & Regional Symposia across the country. For more about Lyle, visit: www.lylejamieson.com



"It's All About The Fun!"



Are You With Me?

*“... Your unit has been around a while now and there are lots of “new” ideas out there but you can quote me on saying don’t mess with what works...and your unit works! Thanks Lyle!”
Wilford from Alabama 9/11/12*

The above quote got me thinking, not so much about my hollowing system that he is referring to, but the process I have developed. Do you turn without catches? Do you start between centers? Do you start on the balance point? Do you turn fast? Do you have the drive center with the adjustable pin? Do you use faceplates? Do you ALWAYS take advantage of grain direction? Do you do the outside of hollow forms in stages? Do you do the inside of bowls in stages? Are you using sharp, I mean really sharp tools? Do you use sharp sandpaper? Do you turn without vibration? Do you use bevel support? Do you plan ahead or just wing it? Do you use the band saw safely (read-not at all)? Do you finish the finish? Do you friction drive reverse turn? Do you do the outside and inside of a bowl on the same axis? Do you exceed the safe limits of your tools?

I have learned techniques from the best turners in the world in the 90’s by taking individual classes. In the last 10 years or so I have seen about every big name turner in the world do their thing first hand as I travel around the USA doing symposiums as a vendor and demonstrator. I have taken the best techniques and processes from all these experts and put them together into one process. There are many different methods but none that work as well as mine, not right or wrong. In my DVD I explain WHY I do what I do. The bottom line is I have a process that prevents problems, is safety minded, steers clear of obstacles and has the least amount of limitations possible.

My method is not mine but a compilation of the best way to do things molded together into an efficient process. Yet, I see my students using chucks or screw chucks or steady rests, or dull tools, or spindle roughing gouges, etc. etc. etc. So, if what I have developed works so well, why doesn’t everyone that is exposed to it, use it 100 percent of the time? I think some just see a new method and say to themselves, “That’s nice, but my way works for me, don’t try to teach an old dog new tricks.” Sometimes I think some have to justify the fact they have spent a lot of money on tools that don’t work very well. It is a shame to have a multi-million dollar quarterback who sits on the bench, but we have to play with the guy that can get the ball down the field. My process is the easiest, easy on my body, easy on the wood, easy on the lathe, requires less sanding, easy on the tools. My process puts you in complete control, the control means you are working safe, with no fear and no catches, so you have more fun and with more fun the creativity can get to levels you never could imagine.

What happens if you don’t take the whole package? You only get part of the picture. The part of the process you decide to ignore will result sooner or later in an obstacle or limitation. Our tendency is to push the envelope as far as we can. We want to turn bigger, thinner, taller, faster, stronger, whatever. So the limitation will likely crop up sooner, rather than later. How do you resolve the obstacle? You need to put a band aide on the problem. You find a way around it. You find a fix. The band aide becomes an obstacle in itself and a domino effect starts to complicate things...unintended consequences.

My process prevents the obstacle from getting in the way of your accessibility or creativity rather than trying to fix the problem, after it exists. It only makes sense to eliminate the possibility of problems and not have to find a fix. So many of the conflicting portions of what many others demonstrate these days are due to the teacher showing you how to fix a problem. The instructor has good intentions usually and is not just trying to sell you more tools you don’t need, but isn’t it a better path to not have the problem in the first place?

How do I get the whole process? This topic is not intended to be a sales effort on my part. (Unless you want to buy my Bowl and Hollowing DVDs if you don’t have them.) You need the right tools for the job. And more important is to get some help to learn how to use the tools you already have. May I suggest you go back through my DVDs and see if there is part of the puzzle you missed or perhaps one or two parts that will make your turning time more fun and productive?



LYLE JAMIESON

sculptor & instructor of turned objects

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JAMIESON DUAL PURPOSE BORING BAR WITH THREE SWIVEL CUTTER REACH CAPABILITIES

One boring bar does three reach capabilities to do any shape hollow vessel. No need to buy multiple boring bars or additional cutters. It will hollow any shape you desire.



3/4" Boring Bar



ALSO AVAILABLE

Jamieson Jumbo bar with bent swivel holder for large scale hollowing up to 17 inches tall



Jumbo Bar

AND



1/2" Boring Bar

And the one-half inch boring bar for small scale hollowing under six inches tall.

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ARE YOU ON MY EMAIL NEWSLETTER LIST?

About once a month I broadcast an email newsletter to my students and tool users. I want to share Tips and Techniques I learn as I travel around the country teaching. I usually chat about a Featured Topic related to hollow form turning. I try to keep it short and sweet. I often give referrals to talented teachers/turners on different topics. I will not bombard you with any junk. Along with this featured Topic I have a Question and Answer section each month and these topics are listed in the Table of Contents in each issue. I welcome any and all questions. I always have an opinion, hopefully it will help you understand a wide range of turning issues. These Q&A answers go from A to Z on every imaginable topic. The third section is Feedback I get from my work, teaching, or tools. The last section is my Calendar showing what states I will be in for the coming months in case you want to set up a class or workshop, for a group or one-on-one.

My website www.lylejamieson.com has the old newsletter issues archived for you to review in the newsletter menu. If you like what you see, register and I will put you on the list.

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IT IS ALL ABOUT THE FUN

TURNING THE EASY WAY

DEMONSTRATIONS:

- AAW Clubs
- Woodcraft Stores
- For Large or Small Groups

HANDS-ON WORKSHOPS:

- Multiple Students
- One-on-One
- In Your Shop or My Studio
- All Skill Levels

Classes are scheduled at frequent intervals from a waiting list. Call or email Lyle to get dates and availability at lyle@lylejamieson.com 231-947-2348.

See website www.lylejamieson.com for detailed outlines of classes and demonstration topics.

For website
Scan here



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BOWL BASICS, THE EASY WAY

THIS IS COMPREHENSIVE!

For the first time.....everything you need to know about bowl turning in one place! There are a lot of pieces to this turning puzzle. Lyle's process is not the only way, but it is the easy way.

Understanding the basics will let you take your turning to a higher level of fun and enjoyment. Your success is dependent on the foundation of turning building blocks you are using. This DVD is guaranteed to fine tune your process no matter what your skill level. Kick it up a notch! It is all about the FUN! Once the rules are understood the control will open new levels of creativity.

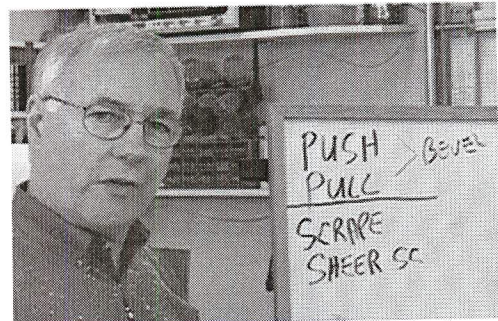
Two disc set, 4 hours, 20 minutes

Topics to capture every detail:

- *Lathe setup
- *Tool control with bowl gouge
- *Grain orientation
- *Sharpening
- *Chain sawing
- *Face plate and Glue block uses
- *Bowl design considerations
- *Jamieson grind uses
- *Wall thickness measuring
- *Sanding
- *Green wood handling
- * And much-much more

Bowl Basics *The Easy Way*

with



Lyle Jamieson

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NEW

JAMIESON SIGNATURE GRIND BOWL GOUGE

**AVAILABLE: BOWL GOUGE-UNHANDLED
BOWL GOUGE-WOOD HANDLE**

*17 inch wood (beech)

BOWL GOUGE-THOMPSON HANDLE

*16 inch aluminum extrusion

*custom anti-roll four sided design

*threaded end cap with steel shot for vibration absorption

*compatible with either of the 5/8" dia. bowl or spindle gouges

THOMPSON HANDLE ONLY

Doug Thompson is manufacturing my design for a new and better bowl gouge exclusively for me and my students. You have two dedicated tool makers standing behind this gouge. Made in USA

STEEL

This is the best tool steel in the world—It is 5/8" diameter triple tempered CPM 10V steel—Cryogenic treated—Hardened to 62-64 Rockwell the entire length of the tool.

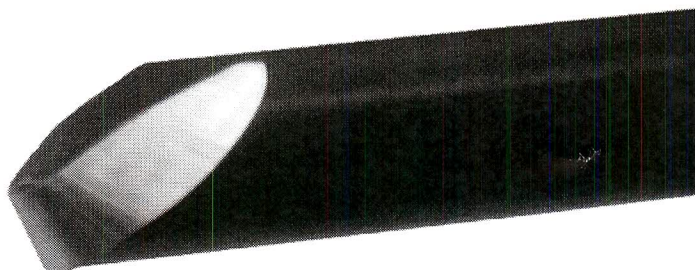
FLUTE

This has a better flute configuration—Not a "V", not a "U" shape—It is 12 inches long with a 7 inch long flute —It has a wider, parabolic flute shape than any other gouge made today—The flute change translates into easier, safer, better control.

GRIND

It has the best and most versatile grind on the market—The Jamieson grind will do all the four cuts outlined in my DVD, Bowl Basics-The Easy Way. I have a "keep-it-simple" approach and this tool does it all—The grind has subtleties that differ from others in the turning catalogs—The fatter sweet spot makes the cuts easier to control.

Not sold in any catalog. I guarantee you will like it.



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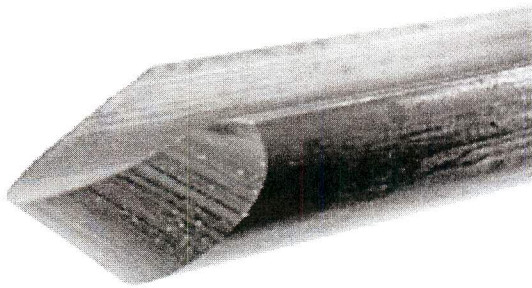
LYLE JAMIESON

5/8 INCH SPINDLE GOUGE

(AVAILABLE HANDLED OR UNHANDLED)

I wanted a 5/8 inch diameter spindle gouge and there was nothing like it in the catalogs. So, I had Doug Thompson make one for me. I love it!

When I want to reach out over the tool rest, like getting the waste wood behind the bottom of bowls, this has more strength.



When I want to pour the coal to it and hog off a lot wood, this has the strength. I can turn small things with a big tool but I cannot turn big things with a small tool.

I can get the beautiful slicing action of a push cut on the outside of my hollow forms, which means less sanding and it leaves a great surface behind.

It is made of the best tool steel available, 5/8 inch diameter CPM, 10V steel, powder metal technology, cryogenic treatment, triple tempered and hardened to 62-64 Rockwell the entire length of the tool.

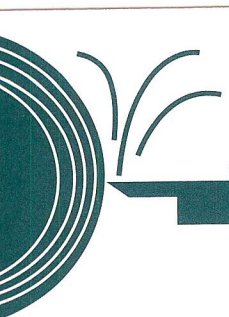


Also available now is a Thompson handle made specifically for my spindle and bowl gouge. It is 16 inches long made from aluminum extrusion; it has a treaded end cap with steel shot for vibration absorption, and a custom anti-roll 4-sided design.

231-947-2348 www.lylejamieson.com lyle@lylejamieson.com

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NEW JAMIESON HOLLOW FORM TOOL REST

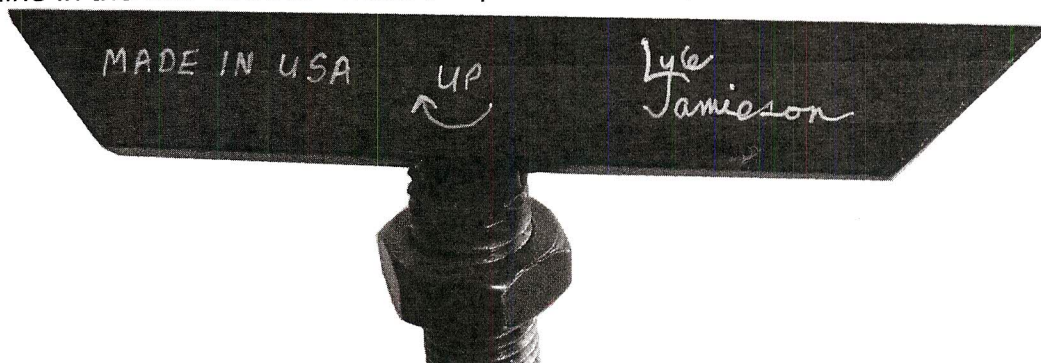
When hollow form turning, one frustrating thing is getting the cutting tip on the centerline when finishing the inside center bottom. Once the drill hole is gone we MUST be cutting exactly on the center line. This is necessary to eliminate all the frustration of dealing with the “nub” in the bottom of the vessel. The main reason we drill the center hole part of the way down, is to make an easy entry for each cut and not have to deal with the nub all the way down to the bottom. But once the drill hole is gone, we have to switch gears. When we are cutting exactly on the centerline, the nub cuts away like butter.

So how do we get on the center line? Remember on my DVD? We scratch a line with the cutter, while the lathe is off, and shine a light in the hole and see if we need to move the tool rest up or down. Now here is the tricky part, it is hard to move the tool rest very small increments. So, we move up and it's too high, and we oved down and it's too low, and back and forth we go until we get lucky and end up on the centerline. This must be exact. If we are high, the cutter will bounce around at the center point and fight us without cutting and leave the dreaded nub. If we are too low with the cutter, we leave a cylinder shaped area that does not get cut at all.

Now here is where the new hollowing tool rest comes into play. The hardened threaded rod that the tool rest post is made from has a nut included that will allow infinitesimal adjustments. Just twist the nut and slightly move the tool rest up or down as needed. Use the lathe banjo to hold the tool rest in place just like any other tool rest. Now we can finish the bottoms quicker and easier. Stop all the frustration of the nub, forever!

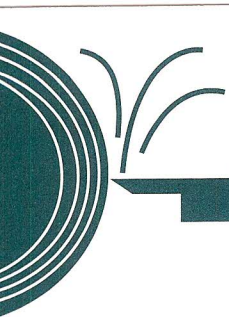
I chose to make this out of cold rolled steel. I do not want the tool rest harder then my tools. Any damage done can be filed or sanded off, I do not want my hardened tool rest damaging my turning tools. Even though this ultimate tool rest was created to solve a specific hollowing problem, I have designed this tool rest to work very well in all applications, not just hollow forms. (1) The angled ends allow you to get inside a bowl nicely. (2) The height adjustment keeps you cutting on the centerline when moving the tool rest around for bowl applications and when turning the outside of hollow forms. It is not as critical with a bowl gouge but everything works better if we are cutting near the centerline. (3) The angled front face keeps your support up close to the wood and allows you to get the handle down for pull cuts and sheer scrape cuts. (4) It's the right size at 9 inches long to do a wide variety of turned objects. This is the best of all worlds. A great tool rest with multi-purpose flexibility. As Alton Brown of the Food Network says it's a multi-tasker.

I must give some credit for the original idea and inspiration to take it to another level of usefulness. Frank Sudol was the first person I saw use a tool rest with a threaded rod to position the cutting tip on the centerline in the mid-1990's. Sand the paint off the top of the tool rest and you are ready to go!



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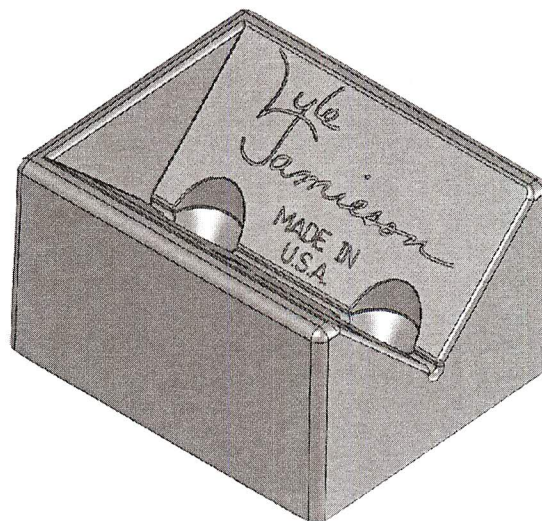




Jamieson Grinding Jig Guide 2”

This tool is a grinding jig guide, it sets up the bowl gouge for a two inch setback from the tip of the gouge to the jig. It is designed to be used with the Ellsworth and Jamieson grind bowl gouges, but I use it for all my gouges now. The guide will work with all grinding jigs including Wolverine, Ellsworth, Truegrind and Packard jigs. To use, simply screw it on the edge of any table and it is ready to use. Put your grinding jig on your gouge and lay the gouge into the “V” block. Push the gouge to the back of the guide and push your grinding jig up to the guide for a perfect two inch set back every time.

Extend the life of your tools. This guide is a tool saver. When used to set the gouge for grinding, the accuracy will mean you don't grind as much steel off the tool with each grinding. A hole in a block of wood or a pencil line on the table will cause inaccuracies. The “V” shape insures an accurate setting each time you grind. The key to using grinding jigs is repeatability. You go to the grinder with the same grinding angle you had at the previous sharpening. The more accurate the jig is setup, the less metal you grind away in sharpening.



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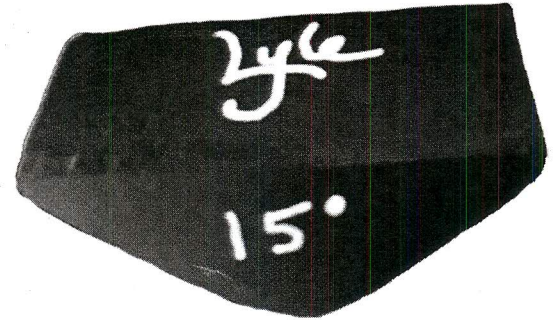
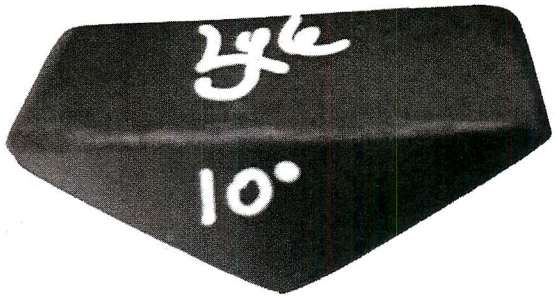




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JAMIESON

BEVEL ANGLE ADJUSTMENT BLOCK

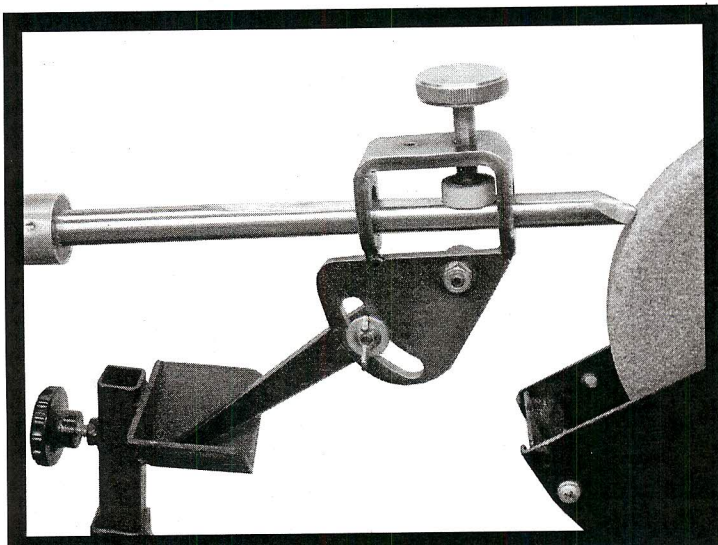
For Oneway/Wolverine sharpening system

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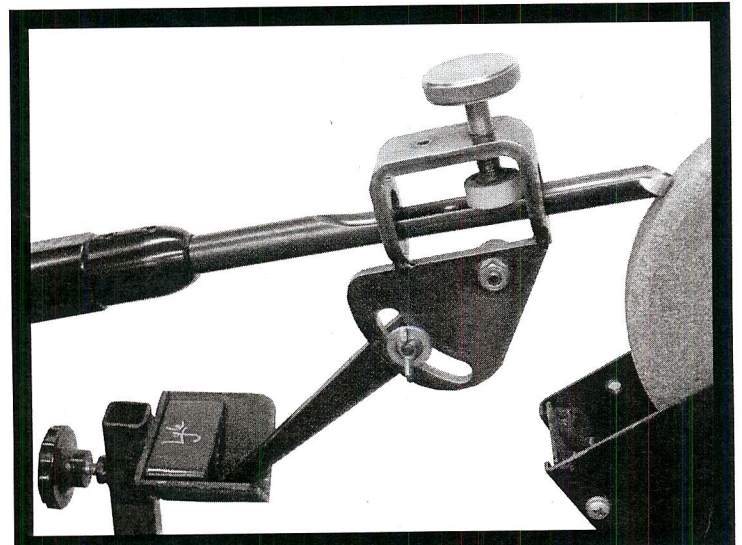


Change your grind bevel angle from bowl gouge 60 degrees to spindle gouge bevel angle of 45 or 50 degrees without moving the jig. The advantage is you don't have to reset the jig back to the original setting and grind away your tool to the new angles. This saves tool life and time for setup. Use the (-) minus 10 degrees or (-) minus 15 degrees block for fast and accurate adjustments.

Never move the jig - never move the sliding arm - results in perfect angle for any tool in your shop.



Wolverine Grinding Jig set up for 60 degree bowl gouge.



Wolverine Grinding Jig set up for 45 degree spindle gouge. Note the bevel angle adjustment block pushes the jig forward to change the angle from 60 to 45 degrees.

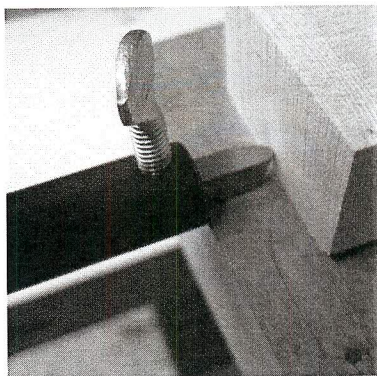
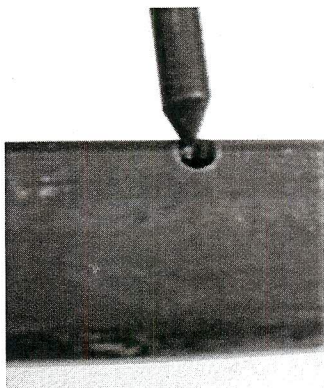
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NOW AVAILABLE FROM LYLE JOHN JORDAN JIG FOR 3/16" HSS CUTTERS



INSTRUCTIONS

1. Glue a block of wood on your grinder table $\frac{1}{2}$ inch away from the edge to accurately "set back" the 3/16 inch HSS cutter in the jig.
2. Simply line up the cutter in the jig to the grinding wheel with about a 65 degree angle bevel. Mark the Wolverine arm and drill a $\frac{1}{8}$ inch hole for the pivot point.

No more burned fingers, John Jordan has developed a jig to save your 3/16 inch HSS cutter tool life. Grind an accurate angle bevel every time!
John has come up with a great idea and he has agreed to allow me to make it available on my website.



Available at
www.lylejamieson.com
or call me directly at 231-947-2348

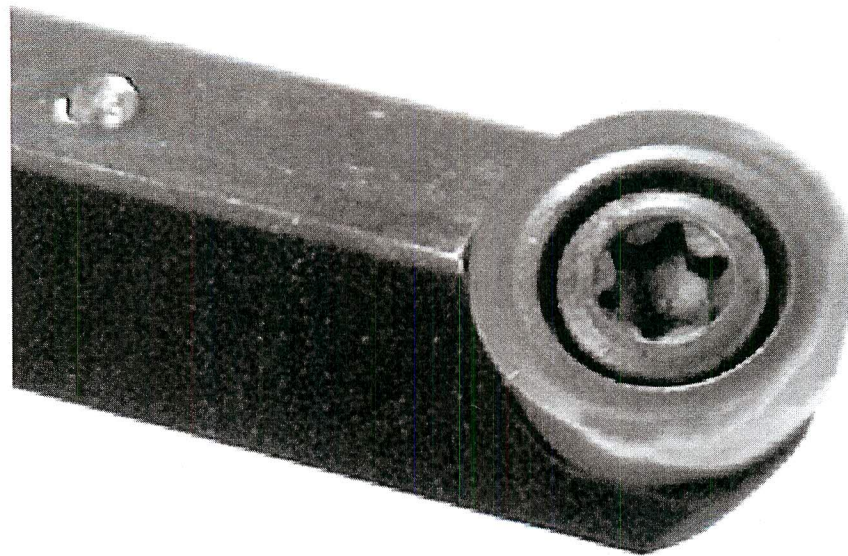
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REVERSE ANGLE CARBIDE CUTTER ASSEMBLY

For advanced turners to take advantage of grain orientation and produce superior finish right off the tool. Just as the standard carbide cutter is dedicated to cutting to the left, the reverse angle is dedicated to cutting to the right. In order to take advantage of the supported (downhill) grain orientation, some shaped vessels will need both direction cutting. The “ride the bevel” cuts from the carbide cutter leaves an unbelievable finish behind that looks like it has already been sanded. It does take a little practice but it is will worth the time invested to master this technique.



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