



South Metro Woodturners Newnan, GA



Chapter 215 of the American Association of Woodturners

<http://www.southmetrowoodturners.com>

October 20, 2015

Editor: Mike Raftis mikeraftis@yahoo.com

President's Message

Our demonstrator this month is Tania Radda. Some of you will remember Tania from a few years ago and here demo at Redmond's. She will be discussing the use of cold bend hardwood, its limitations, manufacturing process and applications. She will show examples of how it can be incorporated into turned projects adding creativity to lidded boxes and bend the wood and apply it to a spindle project.

The November meeting will feature the election of next year's officers, the slate follows:

President	Roger Hendrickson
Vice Pres.	Lamar Smith
Treasurer	Wayne Morris
Secretary	Mike Raftis

The floor will be open for additional candidates; all are welcome and welcome to run.

Hope you are turning ornaments to bring to the meeting, George tells me that we have about 100 so far which gets about half way to our goal of 200.

There will be lists for the sides and desserts for the Christmas Party, December 15th. We will also be collecting the \$15 per couple at the meeting so we will have an accurate count for

the party. You can make it simple and add next year's dues so you will have one less thing to think about in January.

I am still waiting for anyone to step up and take on the position of Program Chair, and anyone who will be willing to host demonstrators in their home prior to meetings. We need to keep the quality of demonstrators at the level we have enjoyed, and this position is absolutely necessary.

We are working to get the website to a workable state and would like to get your feedback on what kind of enhancements you would like to see on the site, such as a member's gallery, ability to sell your works, and any other ideas. Keep in mind that beyond basic elements additional charges probably result which would be the responsibility of the user.

Meeting Notes

We are still looking for a replacement for Ron Britton's position as demonstrator coordinator. The volunteer for this position will receive a full year of OJT from Ron.

Next meeting (Nov. 17) will be the next best opportunity to submit them. Remember; for each 10 ornaments you receive a chance for a \$50 gift certificate.

It was decided to forego

participation in the Woodtoberfest tool sale. There was very little input from members, and we're hoping to get an earlier start.

The Woodstone clubhouse has been reserved for our Christmas party on December 15. The club will furnish the meat, and members will contribute the side dishes. There will be a sign-up sheet at our next meeting.

Next Meeting

- Our next meeting will be **October 20** at **John Beatty's shop**. Map attached.
- The **November** demonstrator will be **Tania Radda**. View her gallery at taniaradda.com/.
- If you have an interest in a particular demonstration topic, or you have a skill or special technique you could share with the club contact **Ron Britton**. Members will be compensated \$50 for demonstrating.

Newsletter Contents

- [Member's Work](#)
- [Demonstrator](#)
- [Links](#)
- [Schools](#)
- [Resources](#)

Use the newsletter to communicate with your fellow members

Share your shop photos, 'sale' items, tool tips or anything else you would like to with our club members.

As in the past, bring a hand-crafted item for the wife's gift drawing. It doesn't necessarily need to be a turned item, but should be handmade.

Members who are not currently members of AAW, it is recommended that you consider joining. The bi-monthly magazine alone is worth the cost of the membership. Membership will also make you eligible to do turning demonstrations at events such as the Woodworking Show.

Our new favorite waitress at Big Joe's is working on getting

us lunch time prices for our pre-meeting get together.

Editor's Note

Roger came up with an excellent resource list, and I have added it as a new page in the newsletter. It contains about 40 links to sites relevant to Woodturners. It is on page 14 of this issue, but you will always be able to go directly to it from the Contents block in future issues.

Safety Message

As we move slowly through retirement, we need to keep ourselves occupied with small projects.
Like this guy!



I know, I saw it right away too....
No safety glasses or hearing protection.
And I caught something else that is really important:
He has no gloves on.
I might be up in age but I am still sharp as a tack!

Members Work for October



Wrist bangles by **Don Bilsky**.



Ambrosia maple bowl by **George Blankenship**.



Cherry bowl by **George Blankenship**.



Pen by **George Blankenship**. The cap is African blackwood, and the barrel is olive wood.



Painted and decorated vase by **George Daughtry**.

Birch vase by **Tom Essex**.





Maple burl bowl by **Tom Essex**.



Colored maple vase by **Ken Hamilton**.



Persimmon vase by **Don Heath**.



Wall hanging by **Roger Hendrickson**.

Demonstrator for October

Harvey Meyer

www.harveymeyer.com



Harvey gave us a demonstration of the creation of a *Basket Illusion*. Harvey recognized Lincoln ??? as the developer of the technique, and **Jim Adkins** as a recognized master of the technique. An article about Jim can be [viewed here](#). (I don't know how long the article will be on the web site. –Ed.)

Most of the items created with this technique generally have a 'native American' look.

The wood for these projects should be something like Bradford Pear – hard, and with a mild, nondescript grain.

The design process begins with drawing it out on polar graph paper. This can be purchased, or you can download a graph paper generator from graphpapermaker.com. Harvey passed out a resource guide listing sources of any specialized tools that may be

required for these projects. (A [copy](#) is enclosed for any members who didn't get one.)

Your pattern must start and finish at the same spot.

Mount a blank with a center hole in the tail stock jammed to the chuck. Clean up the back and make a center mark. Turn a tenon on the back, and shape the back.



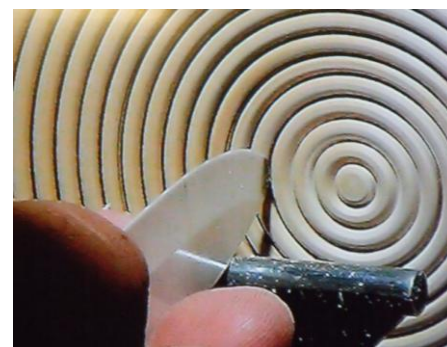
Next comes the beading. Before beading, the surface of the piece must be as good as you can get it with the tool – sanding will leave behind small amounts of grit that will cause the beading tool to dull rapidly.



Cutting the Beads

Adjust the tool rest so that you are cutting right on the center line. The tool handle should be as low as you can get it. Before cutting the beads make scoring lines. The first bead is 3/16", and the rest are 1/8". As you cut, rock the tool slightly so just one side is cutting at a time. (When practicing this technique, painting the surface will give you a better indication of the depth of the bead.)

Burn a line between each bead. Klingspor has a heavy sandpaper that works well for this. Turn fast, and use light pressure. Refresh

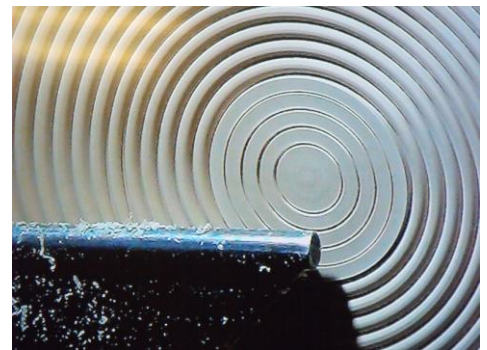
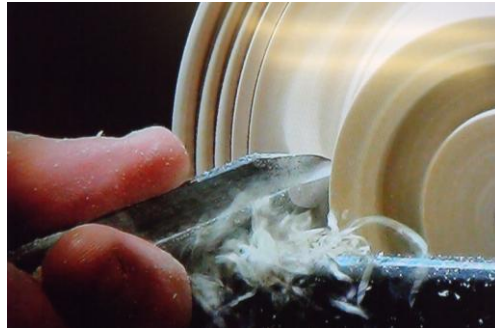


the edge of the paper with scissors. Another, better, way to burn the lines is with a piece of Formica shaved to about .015". If you inadvertently burn the edge of a bead you can clean it up with a light sanding.

Forming the beads on the opposite side. Turn the blank around and true the face. The face must be absolutely true for good beads. Rough out a small section (a few beads) at a time. Maintaining the blank's thickness as long as possible

will keep it more stable and yield smoother beads. Thin the blank to about 1/4".

As you work towards the center, first scoring and then beading, always leave a 'last score line' to use as a reference for the next score lines.



A little extra wood was left on the rim. This is turned with a negative rake scraper to form a continuous bead around the edge. Make pencil lines on this bead to be used as a guide for burning the herringbone pattern.

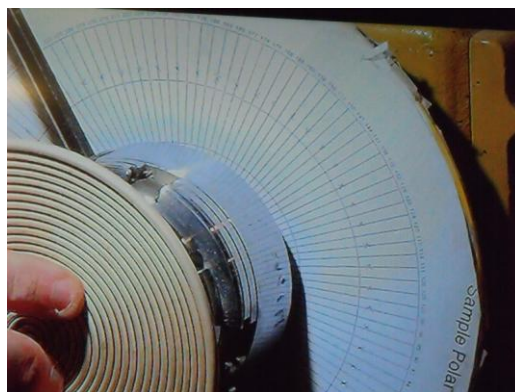
Tearout can be cleaned up with a detail gouge. Go for 1/4" or less at the center nub. Take the edge off the nub with a gouge. For burning between the very small inside beads, use a dulled ceramic knife.



Sand the beads with a mop or scotchbrite pad to clean things up.

Marking (burning) the segments

Make an indexing wheel using masonite and graph paper. The indexing wheel is mounted behind the chuck. You will also need to fabricate a jig to act as a cursor on the wheel. The cursor height needs to be right at the centerline of the piece. Also, you must have a method of clamping the cursor to the wheel while marking the lines.



Using the indexing wheel, mark the radial lines. Note that you should always mark from the center towards the outside.

Reverse the blank and remount it by jamming it against the chuck with a rubber cushion. Remove the tenon. Use a pull saw to remove the last of the nub.

Burn the radial lines using the speciality pen burner. Pace yourself to burn about one mark per second. Adjust the pen temperature as necessary so that it maintains the best temperature for your pace and the species of wood.

Coloring

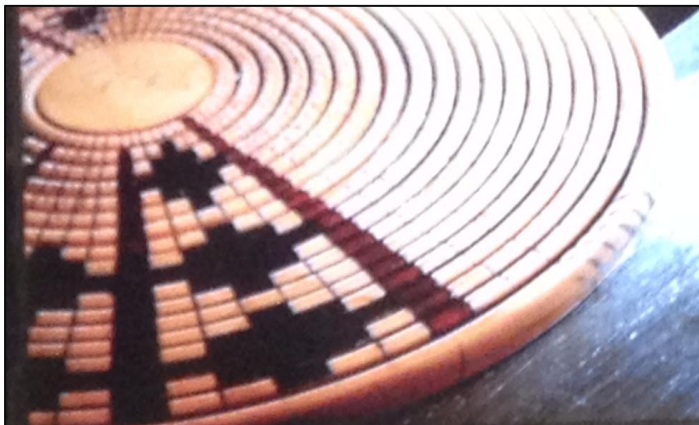
For coloring, Harvey recommends using India ink pens. These pens are said to be non fading.

The following steps comprise the coloring process:

- Using your previously made pattern, identify and mark the segments that will be colored.
- Starting with a 'brush tip' pen, color in the segments getting just close to the borders.
- Use a super fine tip pen to color to the borders.

If you accidentally get color someplace it doesn't belong, the best way to correct is to scrape it off. Number 11 scalpels are very good for this. They are extremely (dangerously) sharp, and not too expensive. They are available from E-Bay.

The herringbone pattern around the rim is done by eye.



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Here are a few samples of Harvey's work. There are many more on his web site.





Basket Illusion Supplies

Polar Graph paper for designing the patterns:

<http://www.blackcatsystems.com/software/graphmaker.html>

free demo version will print a demo watermark on the graph paper or pay 19.99 for a registered copy to eliminate the watermark or

use web based program at: <http://incompetech.com/graphpaper/polar/>

Beading tools

<http://www.d-waytools.com/tools-beading.html>

available in 1/16", 1/8", 3/16", 1/4" and 3/8"

1/8" and 3/16" are used for this project. Tools come unhandled – I use them unhandled

Price is \$42 each (plus \$13.95 shipping). If I have them with me, you can also purchase from me.

Sanding: from Klingspor:

- 4" sanding mop for cleaning up the beads – 180 and 320 grit – 1"x4" flutter sheets and a mandrel. When you get good at using the beading tool, you probably won't need these.

<http://www.woodworkingshop.com/product/fs32240/#.VSPqvY5thil>

- Sandpaper for burning between beads – from Klingspor – heavyweight paper backed roll of 180 grit (150 grit also good)
www.woodworkingshop.com/product/pr98949/#.VFmTOWf1aCc

Burning pens:

Detail Master woodburning pens are no longer available. I was using the #9C vented pen, but these can't be found anymore.

Optima pyro (PJL Enterprises) is now making a very nice pen, but you have to call for it. It's not on the web site yet. Call Pat Lamusga on 320 594-2811 and tell him you need a Basket Illusion pen. <http://www.carvertools.com/>. If I have them with me, you can also purchase these from me. Optima pens have a male RCA jack on the end of the pen. You will need the proper connection cord if you have a different brand of burner. Pat can help you with that too.

Any woodburner power supply is suitable. I prefer and use the Optima 1 (\$107).

Optima 1 available at <http://www.carvertools.com/> and other suppliers.

Colored Ink Marking Pens

I prefer Faber Castell Pitt artist pens – these pen use pigmented India ink and are archival quality – available at dickblick.com

I use 2 nib sizes "brush" and "superfine" of each color.

Colors: Black, Sanguine, and Sepia were the main colors that I use but they are now making 8 more colors that have the superfine nib.

Alcohol dye markers (Prismacolor, Sharpie, Copic, etc) have better color/tip selection but care must be exercised when applying finish. The dyes must be tested to be sure it does not dissolve with your choice of finish. If it reacts with your finish, the colors will smear. I sometimes use Copic Original markers – 2 pens needed for each color – 1 pen with the standard fine nib and the other with the optional superfine nib. Available at dickblick.com

I've also tried Sakura Micron Pigma pens. These are pigmented and behave more like paint. Decent color selection, but I'm not using them anymore. The pens don't last very long and the colors don't penetrate into the wood as much as dye based markers. Nibs are very fragile.

Scalpel:

For fixing a mistake, you can shave away the color with a scalpel. From ebay you can get a box of 100 scalpel blades and a handle. I prefer #11 blade. Sometimes a #12 is also useful. A box of 100, with a handle will run about \$8. Be extremely careful using scalpels or your pieces will have extra red coloring.

Woodturning Resources

-Tools and Supplies-

[Bear Tooth Wood](#)

Specialty pen kits

[Best Wood Tools](#)

Specialized Woodturning Tools

[Craft Supply](#)

Woodturning Supplies

[Craft ID](#)

Signature Medallions

[Earth's Watch](#)

Wooden jewelry and watches

[Franck Johannesen](#)

Woodturning

[Geiger's Solutions](#)

Robust lathes and accessories

[Hartville Tool](#)

15% discount for GAW members

[Highland Woodworking](#)

Woodworking tools and supplies

[Hunter Tool Systems](#)

Carbide woodturning tools

[Hut Products](#)

Woodworking tools and supplies

[John Jordan Woodturning](#)

Woodworking tools and more

[JT Turning Tools](#)

Woodworking tools and accessories

[Klingspoor](#)

Abrasives and woodturning supplies

[Lyle Jamieson Tools](#)

Hollowing tools

[One Way Manufacturing](#)

Lathes and accessories

[Packard](#)

Woodturning supplies

[Peachtree Woodworking Supply](#)

Turning and carving tools, supplies

[Penn State](#)

Woodworking tools and supplies

[Rockler](#)

Woodworking and Hardware

[Ron Brown's Best](#)

Woodturning tools and Videos

[Sanding Glove](#)

Abrasives and sanding equipment

[SS Niles Bottle Stoppers](#)

Stainless steel bottle stoppers

[Thompson Lathe Tools](#)

High quality steel woodturning tools

[Vinces WoodNWonders](#)

Sanding products

[Woodcraft of Atlanta](#)

Woodworking and hardware

[Woodturners Wonders](#)

Lathe lamps and CBN wheels

[Woodturningz](#)

Pen kits and woodturning supplies

-Magazines-

[More Woodturning](#)

Online woodturning magazine

[Wood Magazine Forum](#)

Q&A on woodturning

-Websites-

[Woodturning Videos](#)

Excellent woodturning videos

[Woodturning](#)

Woodworker's Institute

-Wood Sources-

[Australian Burls](#)

Burls from Australia

[Bell Forest](#)

Figured and exotic woods

[Big Monk Lumber](#)

Exotic woods

[Century Tree Turnings](#)

Woodturning blanks

[Got Wood?](#)

Source of wood turning blanks from Piedmont area of South Georgia

[Hardwoods Incorporated](#)

Specialty hardwoods

[Two Tree Boyz Wood](#)

Selling locally harvested green wood. Contact Elizabeth Ross at twotreeboyz@yahoo.com

Hartville Tool Discount Program

The Hartville Tool discount program, which is available to GAW members, offers club members a 15% discount on thousands of woodworking items (some restrictions apply). If you haven't already signed up, and you wish to participate in this program, you may sign up by sending your name, address, and email to gawoodturners@gawoodturner.org and state that you wish to be added to the Hartville list.

Members Items for Sale

If you have any items you wish to sell within the club, send the information to the newsletter editor (mikeraftis@yahoo.com) and I will insert the item in the next issue.

Chuck for Sale

Bobby Cumbie has for sale an Apprentice chuck (1"-8tpi direct thread) complete set.
678-576-3910

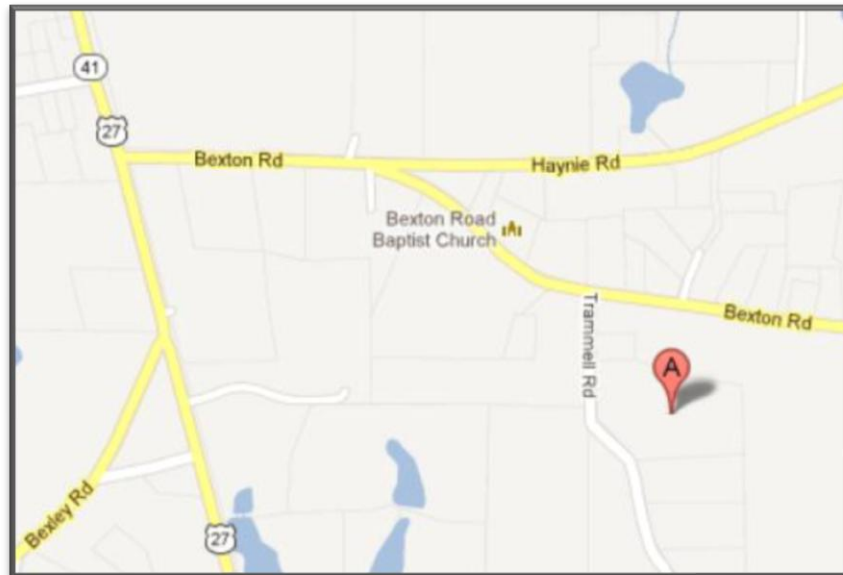
Members Items Needed

If you have any items or tools that you wish to purchase from a club member, send the information to the newsletter editor (mikeraftis@yahoo.com) and I will insert the information in the next issue.

John Beaty's shop is our current meeting place. John's address is:

104 Trammell Rd.,
Moreland, GA
Phone 770 -328-0883

Lots of parking is available, but please leave the spaces nearest the shop for those with mobility issues.
Be courteous and considerate.
Don't tease the dogs!



South Metro Woodturners Officers for 2015

President	Roger Hendrickson	404-418-6255	rogerh845@charter.net
Vice President	George Blankenship	678-360-0585	grizzlygideon100@hughes.net
Treasurer	Wayne Morris		jwayno49@gmail.com
Secretary	Mike Raffis	770-598-3552	mikeraftis@yahoo.com
Past President	Don Heath	678-410-7219	md4heath@bellsouth.net
Program Comm.	Ron Britton	770-328-9807	rbritton625@bellsouth.net
Member Rep	John Von Eschenbach	404-702-8739	johnvone@bellsouth.net
Newsletter Ed.	Mike Raffis	770-598-3552	mikeraftis@yahoo.com

Woodturning Links

Woodturning/Woodworking Associations and Clubs

[American Association of Woodturners](#)

[Apple Ridge Woodturners](#)

[Barnesville Woodturners](#)

[Bi-City Woodturners](#)

[Georgia Association of Woodturners](#)

[Gwinnett Woodworkers Association](#)

Low Country Turners
- Tom Gattis - 912-898-5970

Mountain Laurel Woodturners
- John Moss 706-754-5679

[Peach State Woodturners](#)

[South Metro Woodturners](#)

[Woodworkers Guild of Georgia](#)

Supplies and Information

[Craft Supply](#)

Woodturning Supplies
800-551-8876

[Don Geiger](#)

Wheel Truing & Dressing System

[Got Wood?](#)

Wood Turning Supplies

[Hardwoods Incorporated](#)

Specialty Hardwoods
800-964-7804

[Highland Woodworking](#)

Woodworking tools, supplies
800-241-6748

[Hut Products](#)

800-547-5461

[Klingspor](#)

800-228-0000

[Lee Tree Woodworks](#)

8411 Tatum Rd, Palmetto, GA 30268
Exotic wood Source
678-378-0963

[Packard](#)

800-683-8876

[Penn State](#)

800-377-7297

[Rockler](#)

Woodworking and Hardware
800-279-4441

[Woodcraft](#)

800-225-1153

[Wood Magazine Forum](#)

Q & A on Woodturning

[South Florida Woodworking Guild](#)

[The Woodyard](#)

Lumber, sheet goods, turning stock
122 Main Street, Concord, GA
770-468-8588

2015 Demonstrators and Meeting Programs

February: **Mark Waninger**

April: **Mark Sillay**

June: **Jim Creel**

August: **John Jordan**

October: **Harvey Meyer**

*Special Meeting: \$10 Charge

Specific projects for each demonstrator will be announced.

March: **Richard Morris**

May: **Robert Lyons**

July: **Steve Prichard**

September: **Jimmy Clewes**

September 22* **Nick Agar**

November: **Tania Radda**

Woodturning Schools and Classes

John C. Campbell Folk School

800-FOLK SCH, Brasstown, NC

Arrowmont School of Arts & Crafts

865-436-5860

Gatlinburg, TN

Highland Woodworking

800-241-6748

Atlanta, GA

Appalachian Center for Crafts

931-372-3051

Dogwood Institute School of Fine Woodworking

770-751-9571

Woodcraft

800-225-1153

Roswell, GA

Private Instruction

The following local turners give private woodturning instruction in their own shops. Contact them for more information.

Frank Bowers

fcbowrs@aol.com

404-292-1107

Nick Cook

nickcook@earthlink.net

770-421-1212

Peggy Schmid

schmidgodfrey@bellsouth.net

678-947-4562

Mark Sillay

marksillay@me.com

404-556-1736

Phil Colson

pcolson@mindspring.com

404-518-4925

404-292-1107

Wes Jones

wwjones@comcast.net

770 972-6803

This Safety Information and Safe Lathe Speed Chart is repeated because it is so important and our fellow turners keep getting hurt. A safe RPM Chart to post on your lathe is available. -ed

Safe Use of the Woodturning Lathe

By Paul Hannaby

While turning wood, you are unavoidably in close proximity to a rotating machine attached to a piece of wood. This poses a number of hazards, but these can be minimized with a common sense approach.

- Make sure the wood is securely held for the task in hand.
- Never leave a chuck key in the chuck. If the lathe starts up it becomes a missile!
- If your lathe has forward and reverse, make sure the chuck, faceplate etc. is secured with a locking screw to prevent it from unscrewing if you use the lathe in reverse for sanding.
- Check your speed - When you mount a fresh piece of wood on the lathe, make sure the lathe speed is slow enough so the lathe won't vibrate dangerously.
- Position the tool rest close enough to the workpiece to provide adequate support.
- Before you turn on, rotate the workpiece by hand to ensure it does not catch on the tool rest.
- Don't balance tools on your lathe that might fall off and injure you. Keep them in a rack and use just the one in your hand.
- Keep your fingers away from the rotating wood and don't hang your fingers over the tool rest.
- Wherever possible, don't stand directly in line with the rotating wood so if it comes loose, or if part of it breaks off, you aren't in the firing line. As a minimum, stand out of the way when you first start the lathe and bring it up to working speed.
- If you are turning pieces of wood with glue joints, ensure the joint is secure and use a lower lathe speed as a precaution.
- If you use cyanoacrylate (CA) glue, commonly known as "superglue," for crack / gap filling, make sure the glue is dry before turning the lathe on. Sometimes a surface skin can form but the glue beneath can still be liquid. Once it sticks to your visor, it is virtually impossible to remove cleanly. You were wearing a visor - weren't you?
- When sanding, don't wrap the abrasive around your fingers and use with your fingers trailing the direction of rotation.
- Never use woven cloth rags for polishing on the lathe. There are safety cloths available, which are made from unwoven paper. These are designed to allow tearing if the cloth should catch.
- For more Safety info from Paul Hannaby, see the [Wood Turning On-line](#) web site.

Safe Lathe Speeds

Dia.	RPM Range
1	6000 - 9000
2	3000 - 4500
3	2000 - 3000
4	1500 - 2250
5	1200 - 1800
6	1000 - 1500
7	857 - 1286
8	750 - 1125
9	667 - 1000
10	600 - 900
11	545 - 818
12	500 - 750
13	462 - 692
14	429 - 643
15	400 - 600
16	375 - 563
17	353 - 529
18	333 - 500
19	316 - 474
20	300 - 450

