

Texturing and Embellishing Woodturnings

Texturing Tools

- Micro Motors
- Dental Drills
- Dremel's
- Arbortech
- King Arthur
- Foredom
- Engravers
- Woodburning (Burnmaster, Razortip, Colwood)
- Automach
- Proxxon
- Manpa
- Routers
- Files/Rasps
- Chisels
- Handsaws
- Robert Sorby Texturing tools (spiral and chatter)
- Heating Torches (Butane, Propane)
- Woodburning wire or Melamine
- Beading chisels
- Fluting Jig
- Sandpaper
- Wire Brushing

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Texturing Components

- Saburrtooth Burrs
- Typhoon Burrs
- Kutzall Burrs
- Carbide Burrs
- Cup Burrs – Michael Kehs
- Woodburning tips (Razortip, Colwood) and self-made tips.
- Wire Wheels
- Leather Stamps

Colouring

- Acrylic Paints (opaque, translucent, transparent)
- Gesso (black, white, clear)
- India Inks (paint and pens/markers)
- Dyes (Alcohol/Water based/Leather)
- Palette Paper or Blue Shop Towels
- Paint Brushes and Sponges

Software

- Microsoft. Excel
- Apple Pro Create
- Polar Graph Paper - <https://incompetech.com/graphpaper/polar/>
- Circular Segment Calculator (paid App for Ipad)

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Project Layout

- Indexing systems – lathe or plates
- Platforms
- Templates
- Free Form or Hand Drawings

Indexing Set Up

Making a template – Print and adhere your preferred indexing template drawing to a piece of 1/8” thick MDF. Drill the spindle hole according to the size of your spindle diameter. Cut off the excess MDF from the template with a bandsaw. Mount the template on the lathe and carefully turn away the remaining amount of the template to make a circular template. Your template is not complete and ready to use. Note these steps can be done in parallel to make various indexing templates to suit your project or projects for future use.

1. To set up for indexing you will require an indexing system, whether it be your own lathe locking system, or an additional indexing plate (see above) mounted onto the lathe spindle.
2. Mount the indexing plate on the lathe spindle if you do not plan to use the lathe indexing system.
3. Mount the locking arm on the lathe Bedway to accept and to be used to lock the spindle for all indexing positions.
4. Mount the lathe chuck on the spindle and secure it in position.
5. Mount the turned project back into the lathe chuck.
6. Orientate the project and lock the template to the locking arm.

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7. Place the platform into the lathe banjo and adjust the height to align your woodburning pen, your pencil, or your rotary tool of choice on center to the tailstock center point as a reference.
8. As a good practice, it is always advantageous to help hold the project on center with the tailstock live center.
9. If you have not determined the project layout and design, this will be required before you continue. **Please note** that radial and circumferential layout calculations should be done before proceeding. Using a pencil layout the details before proceeding and verify your design. Horizontal (Radial) line spacing between indexes will help to determine the width of your Vertical (Circumferential) line spacings.

Resources

- Index Wheel Creator - <https://www.worldwidewoodturners.org/apps/pie.html?hidden=&measurementUnits=inches&radius=4&holecount=12>
- Chipping Away - <https://www.chippingaway.com>
- Lee Valley - <https://www.leevalley.com/en-ca>
- MDI Woodcarvers Supply - <https://mdiwoodcarvers.com>
- Rio Grande - <https://www.riogrande.com>
- Gesswein Canada - <https://gesswein.ca>
- Tegn Tools - <https://tegnstools.com>
- Federated Tool Supply - <https://federatedtool.com>
- Busy Bee Tools - <https://www.busybeetools.com>
- Michael's Canada - <https://canada.michaels.com>
- Wyndham Art Supplies - <https://www.wyndhamartsupplies.com>

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- Deserres - <https://www.deserres.ca>

Artists

- Molly Winton - [Instagram](#)
- Art Liestman - [Instagram](#)
- Elizabeth Weber - [Instagram](#)
- Michael Kehs - [Instagram](#)
- Michael Hosaluk - [Instagram](#)
- Neil Turner - [Instagram](#)
- Pat Carroll - [Instagram](#)
- Dixie Biggs - [Instagram](#)
- Marilyn Campbell
- Mellisa Engler | Graeme Priddle - [Instagram](#)
- Heather Marusiak - [Instagram](#)
- Steven Kennard - [Instagram](#)
- Jacques Vessery - [Instagram](#)
- Andrew Daniels - [Instagram](#)

Formulas

Circumference Length = πd or $2\pi r$

Eg. 3" diameter $\pi \times 3" = 9.425$ or $2 \times \pi \times 1.5" = 9.425$

360 degrees / 12 segments = 30 degrees / segment

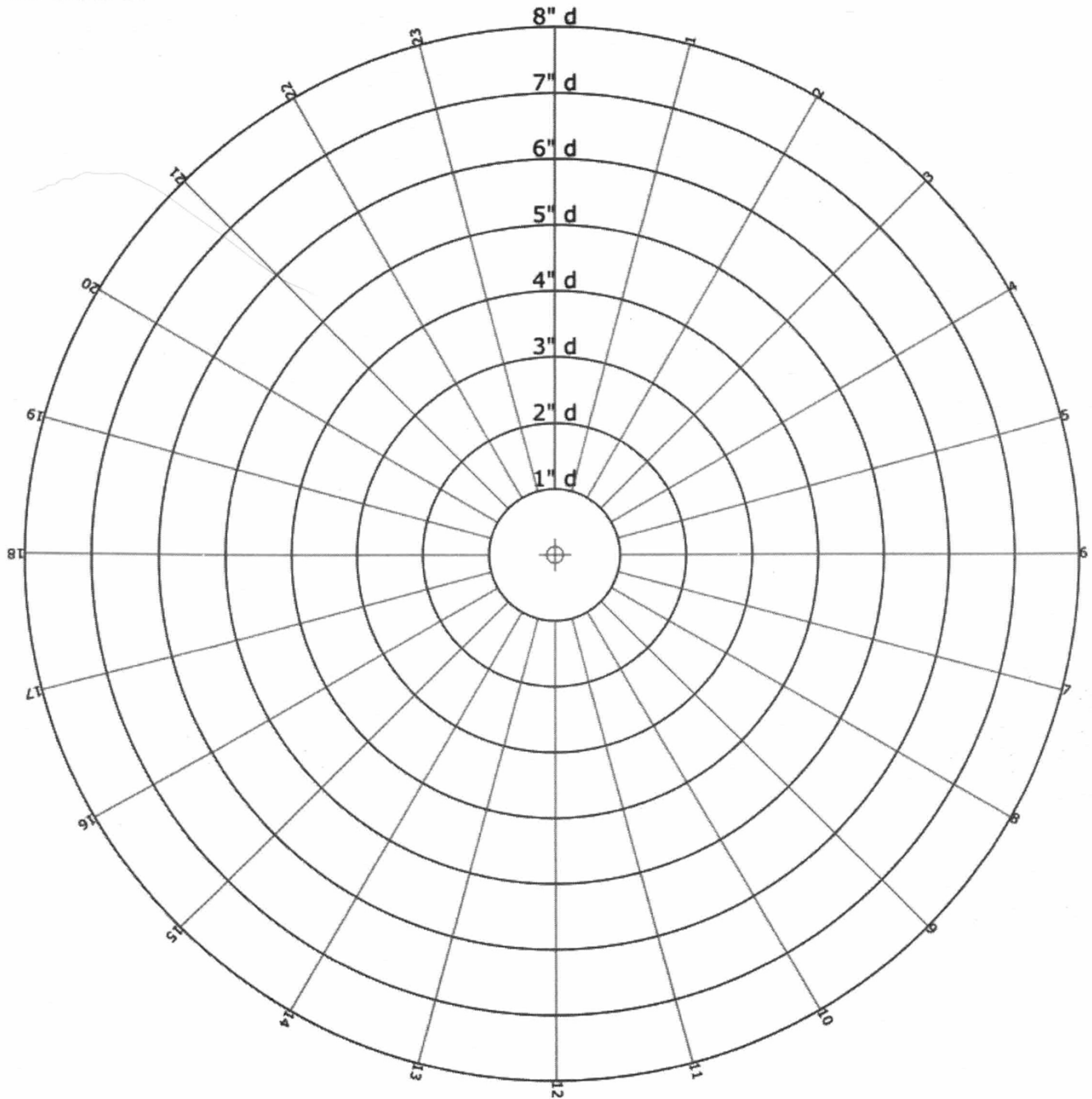
360 degrees / 24 segments = 15 degrees / segment

$9.425" / 12 = 0.785"$

$9.425" / 24 = 0.393"$

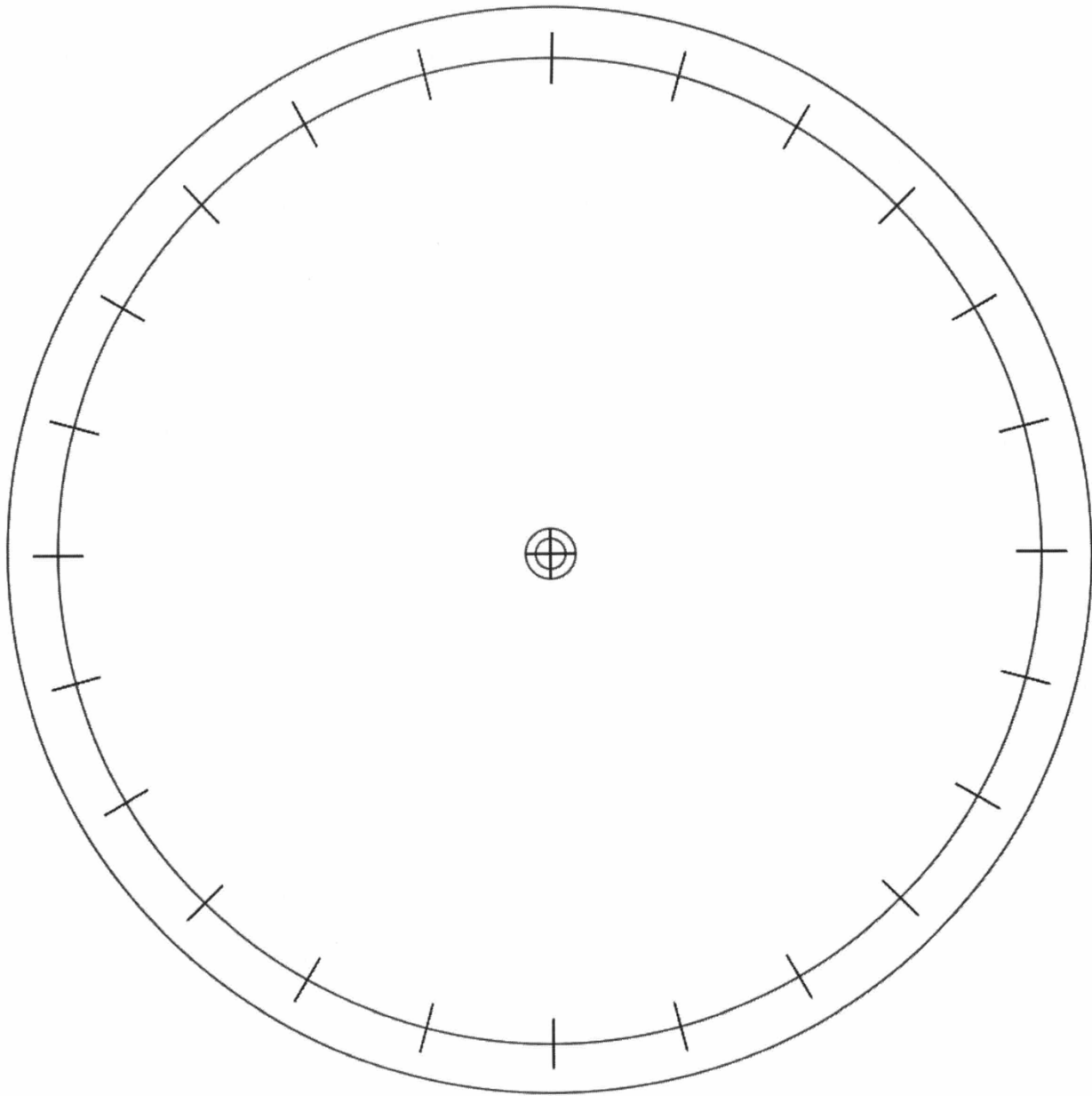
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24 Divisions of 15°



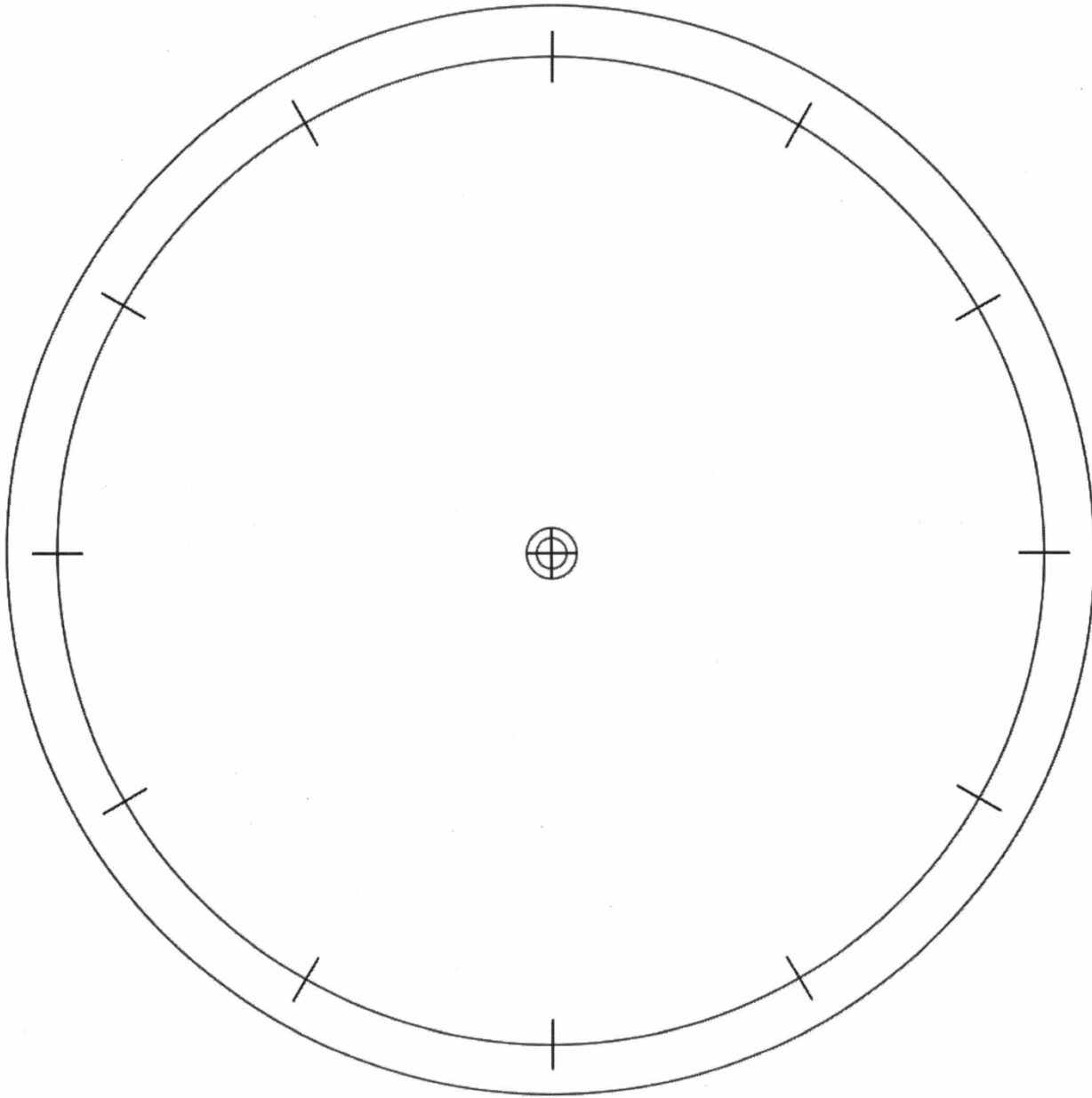
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24 Indexing - 15 degrees



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12 Indexing - 30 degrees



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