

CARVING AND EMBELLISHING: WORKSHOPS AND SEMINARS

- Chris Parker (aka the bald woodturner): online embellishment with power carvers (Arbortech)
- Sammy Long: Carving and piercing seminar at AAW Symposium (micromotors)
- Neil Turner: Workshop; Marc Adams School of Woodworking (burs for carving and piercing motifs)
- J Paul Fennel: Workshop; Marc Adams School of Woodworking (Piercing hollow forms, geometrics)

LATHE TOOLS: point tool, spiraling/texturing tools, chatter tools, power carving tools

MARKING TOOLS: Flat fixed platform, flat and curved variable-angle platform

POWER CARVING TOOLS

- 1.) ArborTech Minicarver: provides some unique embellishment for bowls. Max 18,000 RPM
- 2.) Foredom flexible shaft carver: Powerful, removes wood fast. Collets for ¼", 1/8" and 3/32" burs and cutters. Handles available include rotary tool, angle grinder, reciprocating carver. Max 18,000 RPM
- 3.) Micromotor: Price range varies. Sammy Long uses the Ram BP-HST dual handpiece brushless micromotor. Max 25,000/50,000 RPM. Quick release collet, wrench collet
- 4.) Air turbine dental carver: One speed (determined by pressure); NSK Presto is 340,000 RPM at 34 PSI.

BURS FOR WOODCARVING AND PIERCING

1. Burs for air turbines are 1/16" shaft. Small diameters, limited variety of shapes. Paul Fennel uses these for his fine geometric piercings.
2. Burs for micromotors come in a bewildering variety of shapes and sizes. Here are some that are useful for the motifs used by Neil Turner.

SOME CARVING MOTIFS

1. Krause bur: long thin but for making/burning lines
2. Stippling: 1 mm and 2 mm round burs
3. Volcanoes: 4 mm round bur or barrel burr, small knife bur, 3-5 mm cup bur at high speed
4. Coral shapes: Drill with roll pin, flat bottom crosscut bur to open, 0.5 mm ball bur to pierce.
5. Waves: 4-5 mm square cylinder crosscut bur
6. Starburst: 4 mm barrel or round bur, small knife bur

PIERCING (random and ordered)

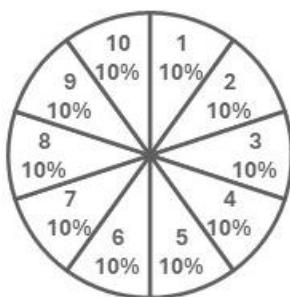
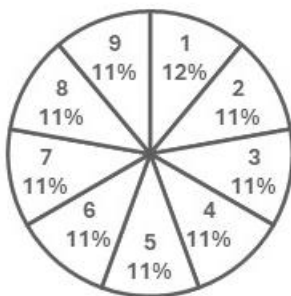
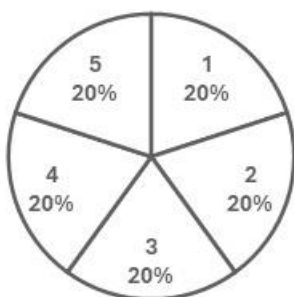
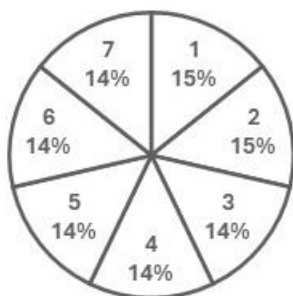
1. flame vase or bowl (Turner) with micromotor (semi-random)
2. Geometric (Fennel) with dental air turbine (highly ordered)
3. Objects with dual thickness: use drill with roll pin to set the depth, carve and sand to prepare surface for piercing (random and ordered)

SANDING

- Rubber bur with Velcro (top and bottom) mandrels with glue-on sandpaper, coffee stir sticks with glue-on sandpaper (golf club paper based grip tape), rifflers and small files

SOURCES

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|---------------------|--------------------|-----------------------|
| 1. Treeline USA | 3. MDI Woodcarvers | |
| 2. Burs for Carving | 4. US Dental Depot | 5. Rio Grande Jewelry |



SOREN BERGER CALCS FOR TURNING SPHERES:

<https://midmissouriwoodturners.org/wp-content/uploads/2025/03/SOREN-BERGER-CALCS-FOR-TURNING-SPHERES.xlsx>