Blank:
Sizes noted

Base:
Parted top
and bottom
diameters

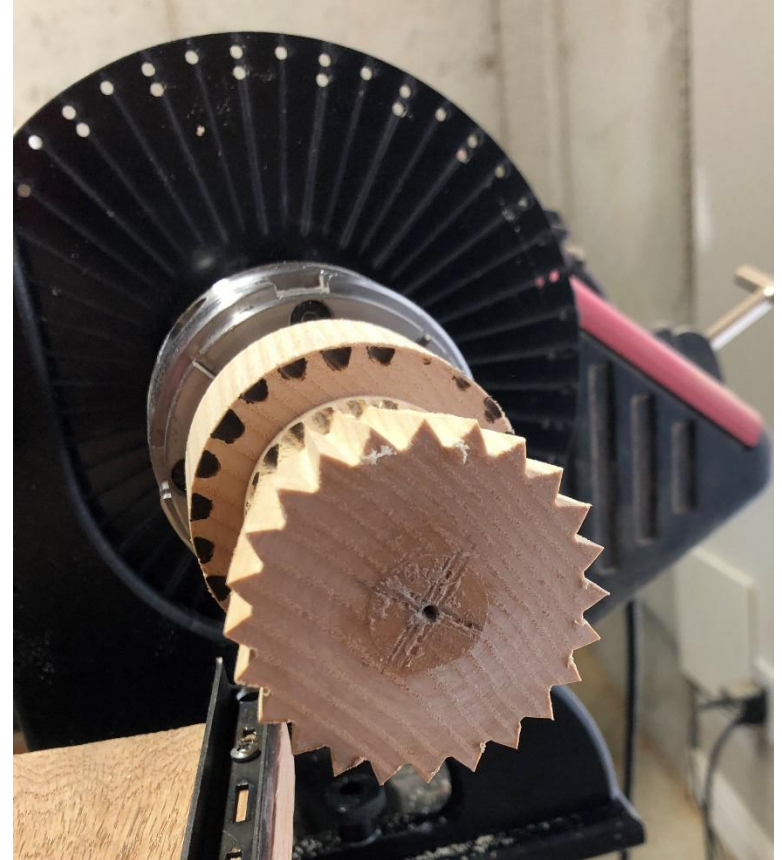Base:
Cut taper
to join top
and bottom
diameters

Router platform

Router cradle

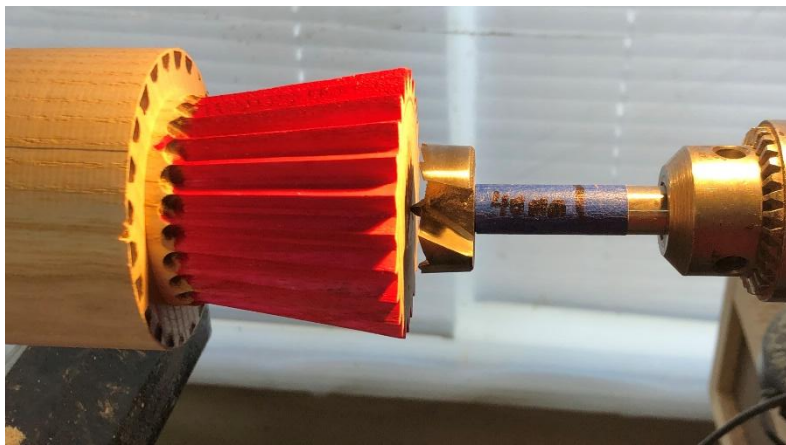Align router bit to lathe centerline

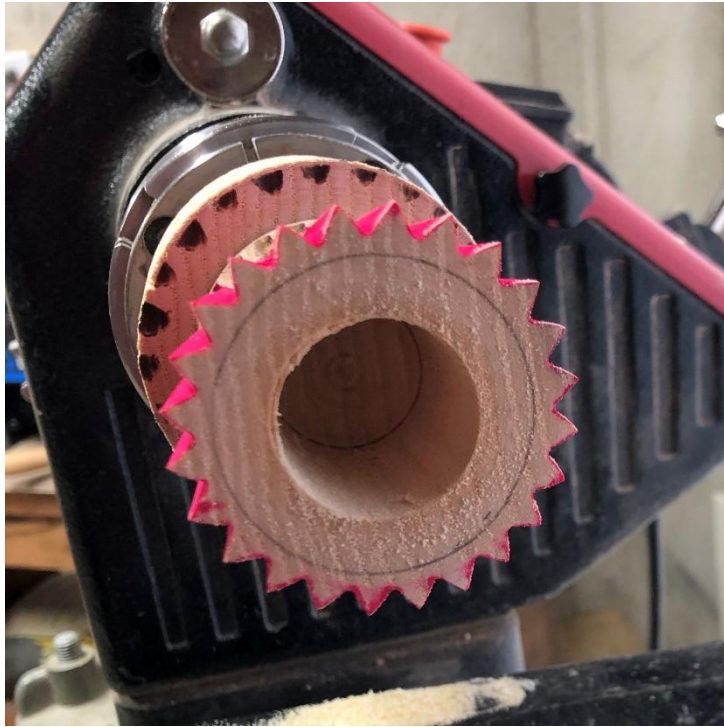Use router to cut 24 flutes

Align platform to match taper of cupcake base

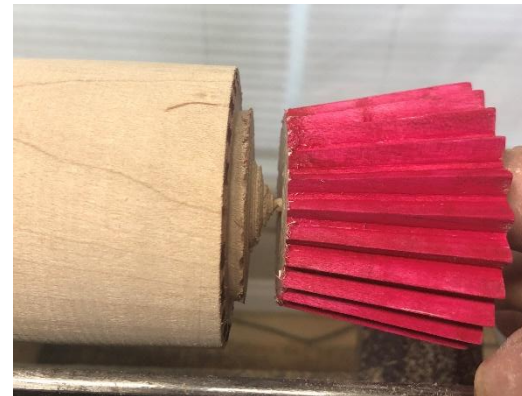Sand, clean with DNA, and color flutes

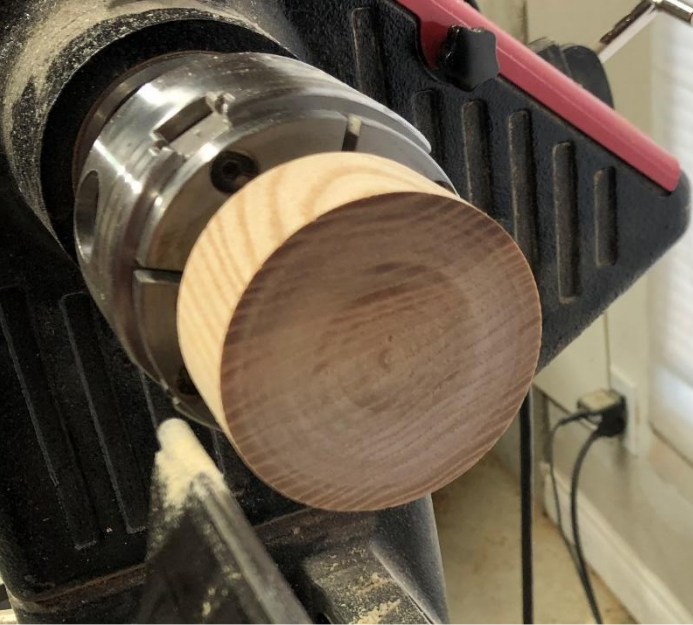Drill 40mm deep hole with 1.25" Forstner bit

Mark base lid OD at 52 mm or to expansion size of chuck jaws

Cut lid OD, hollow, and sand inside of cupcake base
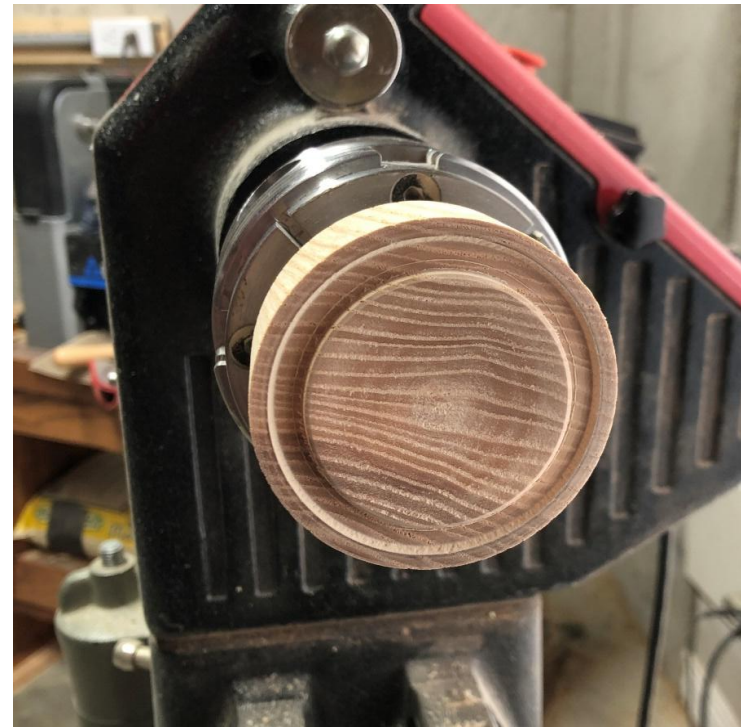

Part off cupcake base

Use cupcake base to size tenon and mark OD of flutes on lid

Flatten bottom of lid
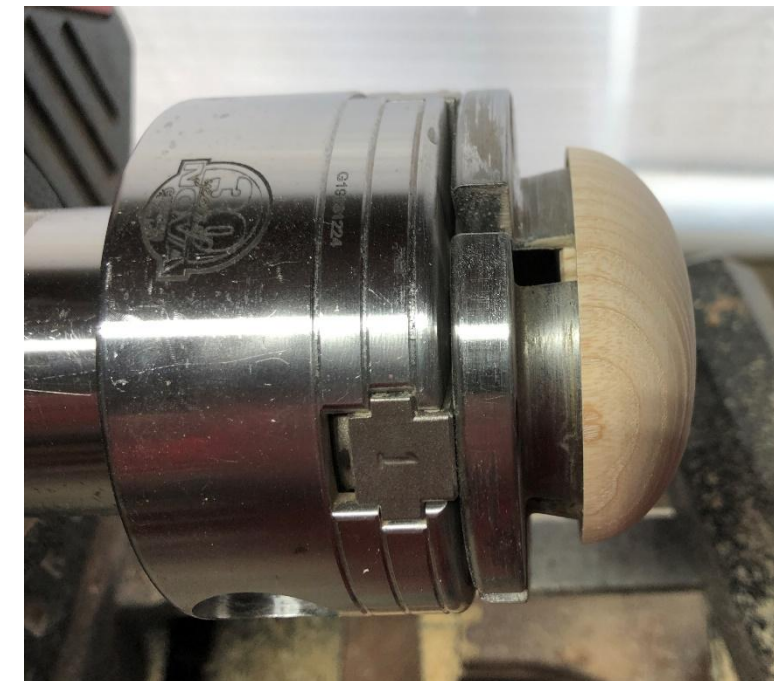
Measure base OD and cut tenon: ~ 53mm
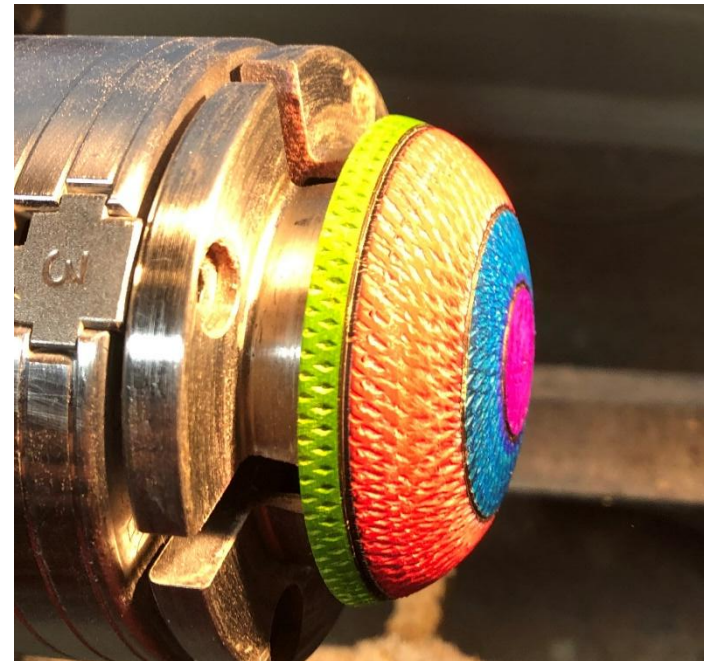
Cut lid recess to fit OD of flutes

Begin shaping top of lid

Sand, clean with DNA, and color lid

Reverse mount lid and finish shaping

Knurl colored sections of lid at various angles