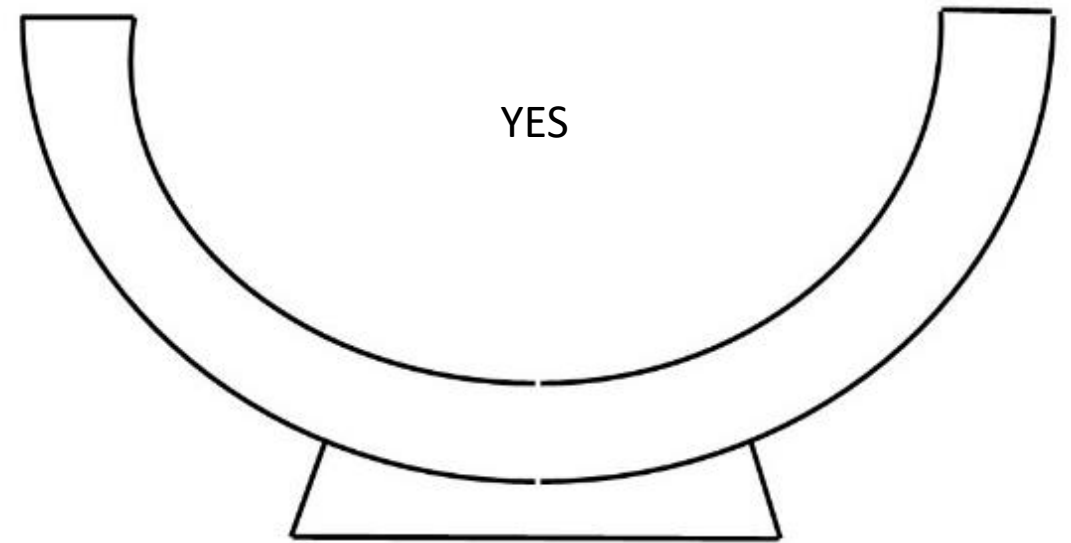


Cleaning Up  
Your Bottom

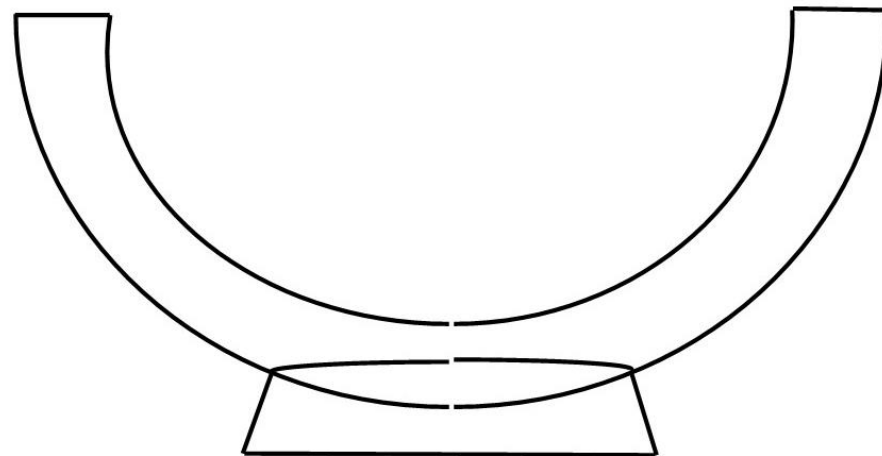
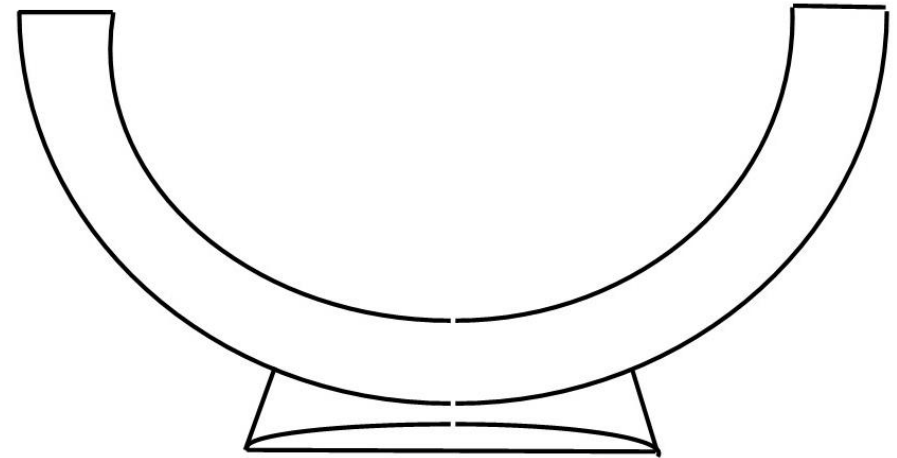
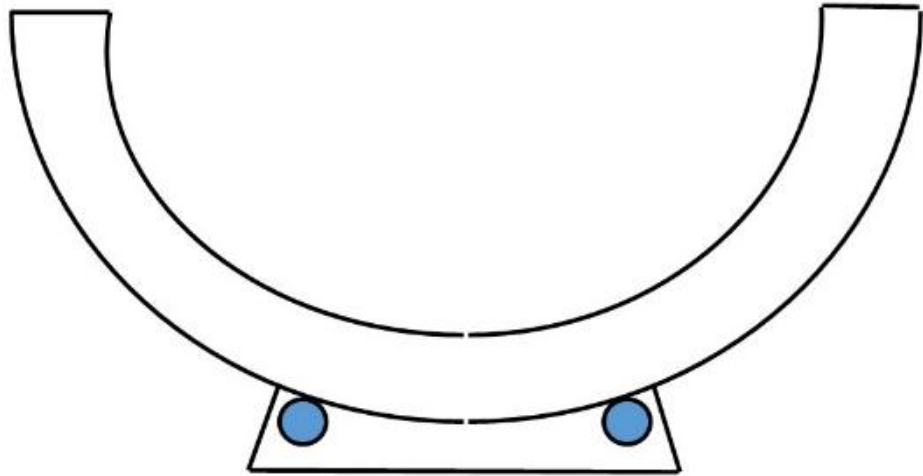
# Why Phil Typically Uses a Tenon Grip

- Foot should be  $\frac{1}{3}$  Diameter of Bowl
  - Typical Chuck needs minimum 2" Recess
  - Add  $\frac{1}{4}$  to  $\frac{1}{2}$ " around the tenon for strength
  - Foot Size is 2- $\frac{1}{2}$ " to 3"
  - Bowl must be 7- $\frac{1}{2}$  to 9" to support this foot size.
- 
- All bets are off if your piece of wood is thick enough to allow for complete removal of the tenon or recess.

# Design Considerations

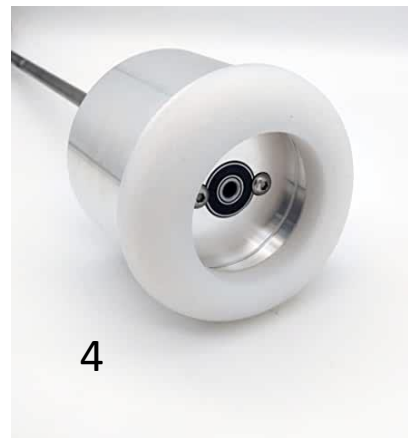
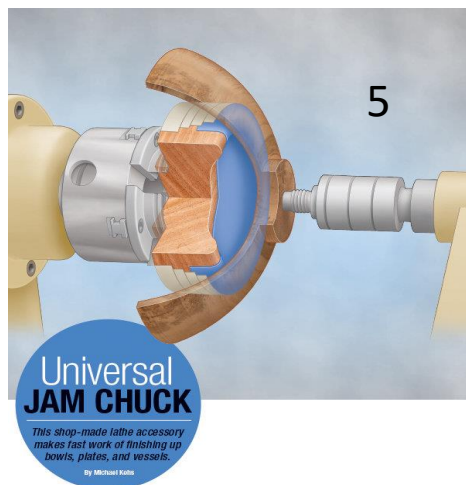


# Bottom Options



# How to Hold a Bowl to Clean up the Bottom

1. Longworth Chuck
2. Cole Jaws
3. Doughnut Chuck
4. Vacuum Chuck
5. Jam Chuck



# Steps in the Process

- Decide on your design
- Chuck your bowl and hold with tail stock
- Take the tenon down to the right size
- Shape your foot
- Sand with tail stock in position
- Take down the nub or cut it off
- Finish sand the bottom