

Beautiful Bottoms

Preparing the bottom of a turning is the sign of quality turning and the mark of an dedicated turner. There a number of ways to finish a bottom. We will cover a number ways to accomplish a high quality bottom.

1. Quick way with simple jam chuck – curved to match with padding
 - a. Use wood chuck with threads
 - b. Critical to maintain center point
 - c. Apply pressure toward head stock
 - d. Works for both flat and natural edge
 - e.
2. Button jaws and Longworth Jaws– bought or home made
 - a. Keep tail stock in place to prevent jumping out
 - b.
3. Clamp for secure work Donut rings, home made
 - a. Homemade clamping system
 - b. Bottom decoration - spiral
 - c. Find center without center point
 - d. Reference point with tool rest
 - e. Best for detailed bottom work and for natural edge
4. Finding center without center point
 - a. Use clamping system
 - b. Reference point with tool rest
 - c. Spiral bottom #1 @350 RPM
5. Jam chuck for boxes etc.
 - a. Tight fit for jam fit
 - b. Functional box lid loose
6. Flat rim on bowl with hot glue
 - a. Centering on board to apply hot glue
 - b. Keep tailstock on till last minute
 - c. Remove with alcohol spray
7. Mini reverse chuck
 - a. Ideal for small hollow forms, vases etc.
8. Vacuum chuck
 - a. Great attachment if your lathe is compatible
 - b. Good for a variety of work providing the inside has a uniform surface

Steel wool. Liberon 0000 – no oil

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Longworth Jaws:

http://www.woodcentral.com/articles/turning/articles_485.shtml

<http://www.woodworkersguide.com/2010/10/17/how-to-make-a-longworth-chuck/>