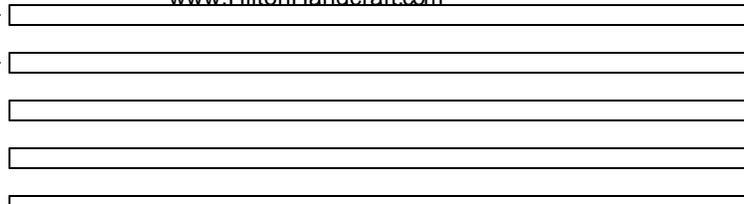
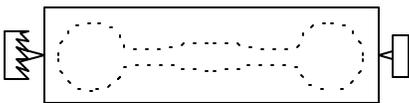
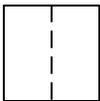
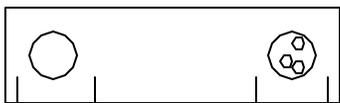
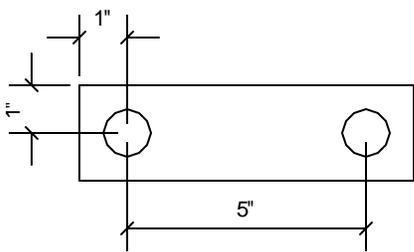
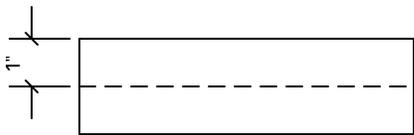
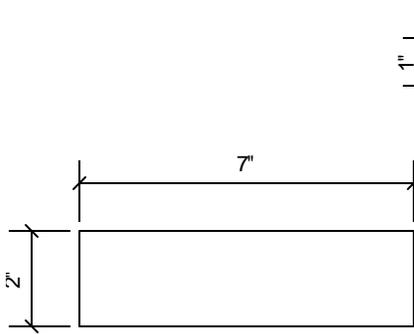
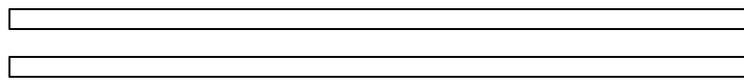


Barbell Style Baby Rattle

Andrew Hilton
Hilton Handcraft of the Ozarks
www.HiltonHandcraft.com



Start out with a 7" x 2" solid blank. Use a hard, dense wood like clear Maple. No spalting. Don't use something splintery or weak.



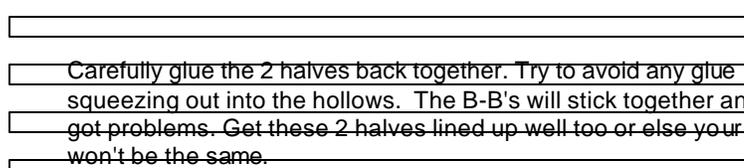
Split it down the middle on one side. Plane it flat so that it goes together seamlessly later.



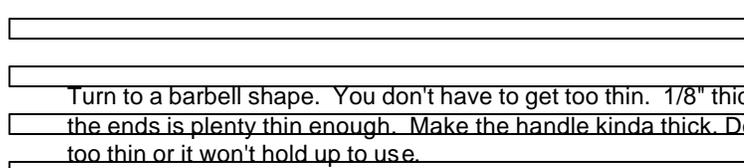
Mark 2 location on cut side of each half as shown. Use 1" round radius router bit to plunge cut into the middle of each side 1/2" deep.



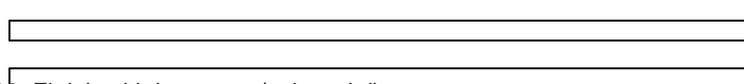
Put 7 B-B's into each hole on one half only. Mark with pencil on the outside of the halves, 1/8" outside of where the holes are. You'll use these marks after the 2 halves are put back together to see where the holes are inside and not turn down beyond those.



Carefully glue the 2 halves back together. Try to avoid any glue squeezing out into the hollows. The B-B's will stick together and you've got problems. Get these 2 halves lined up well too or else your hollows won't be the same.



Turn to a barbell shape. You don't have to get too thin. 1/8" thick for the ends is plenty thin enough. Make the handle kinda thick. Don't go too thin or it won't hold up to use.



Sand to 400. Finish with beeswax / mineral oil.

If B-B's stick (and they will), beat the heck out of it until they come loose. If that doesn't work, drill very very tiny holes in each end so you can insert a wire to run around in there to loosen them up.