



# ANCIENT TREASURE

BY TROY GRIMWOOD

## FORM & PROPORTIONS

In this Demo we will go through:

- Finding Inspiration and Ideas.
- Look at the forms & proportions.
- Turn the side of the form.
- Hollowing the form.
- Go through different options for the top on a box or hollow form.

## FINDING INSPIRATION

It can always be a challenge finding inspiration or ideas, especially when trying to make something unique.

There is a vast amount of information out there at our fingertips these days. Wood turning magazines, Pinterest, Google and a multitude of different websites are jam packed with projects and ideas.

One thing I do when looking for inspiration is to type key words into Google and pull up images. I then look through different forms, texture or design elements that appeal to me and I create a story board.

## WHICH TIMBER TO USE?

Most timbers would be fine for this project. Obviously the piece should be free of any major cracks.

It is important to study the form of the piece and the proportions. For a nice form we want nice flowing lines and elliptical shapes with no lumps, bumps or flat spots.

Like the image above, there is nice flowing curves, across the top and down the sides, and then punctuated by the hard edge at the top of the form.

Another important part is understanding proportions. The simplest rule to follow for proportions is the Rule of thirds. According to Russ Fairfield's article "Some Rules For Good Design", the following rules should apply.

Rule # 1. The Maximum Diameter is placed at  $\frac{2}{3}$  the Height

Rule # 2. The Foot is  $\frac{1}{3}$  the Maximum Diameter

Rule # 3. The Neck is Half the Foot or  $\frac{1}{6}$  the Maximum Diameter

## WEIGHT IN REGARDS TO PROPORTION

Weight is an important element of proportion. If a piece looks like and delicate, then it should feel light and delicate when it is picked up. The same goes for a piece that is chunky, it should feel chunky and weighty.

As you can't feel or see inside of this piece, it is very important that it is fully hollowed so the person picking it up is aware that it has been hollowed.



Basket weave texture inspired by Molly Winton



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## CONTINUED

### TOOLS REQUIRED FOR THIS PROJECT

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- Roughing Gouge
- 10mm, 3/8" or 13mm, 1/2" Bowl Gouge
- Parting Tool
- Preferred hollowing Tool

### A BRIEF WALK THROUGH OF TURNING THIS PIECE

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You will need a blank approximately 200mm, 8" long and 100mm, 4" square.

Start by putting your desired blank between centers. Rough it round and turn a spigot/ tenon on it to hold it in the chuck.

Mount it in the chuck. Turn the outside of the form leaving a bit of meet at the bottom to support the piece while hollowing.

Use a forstner bit or a drill bit to drill down to the required depth and hollow the piece to a maximum wall thickness of 10mm.

Turn the opening and create a recess to accept the insert for the top. Turn down the base of the form, sand and finish the piece and then part it off.

Finish the foot by remounting and turning the piece, sanding or carving.

Turn the insert, finish and glue into place.

Now create the top, be it a finial, a nice piece of burl, or anything else you can think up to add to the piece.