Southern Turners Project Sheet

Long Stemmed Goblet

This project sheet details a method of producing a long stemmed goblet. The dimensions and shape are a guide only. Have a play around with different shapes to make your own style, but most of all, have fun.

1. Begin with a piece of close grained timber (preferably hardwood) that is free of knots. The knots will be a weak spot in the wood, which may affect the strength of the stem section of your goblet. The piece of wood shown in the picture is olive, approximately 300mm long and 60mm in diameter.

2. Turn your blank down to round and form a tenon on one end to suit your chuck.

3. Mount your blank in your chuck, using the tail centre to ensure it is true. If you have a set of longer jaws, it is preferable to use them, as they will provide more purchase on your blank.

4. With the tailstock still in place to provide support, begin shaping the bowl of your goblet, only rough out the shape at this stage, as it is better to finish it after you have completed the hollowing. When you are happy with the rough shape, remove the tailstock.

5. With the tailstock out of the way, begin hollowing. If you have a 3 point steady, it will make the job much more stable. To make hollowing easier you can use a drill or forstner bit to remove the bulk of the wood. As you will be hollowing into end grain, remember to take it slowly and make light cuts

6. Complete the hollowing and sand.

7. Using a golf ball (or similar) on your live centre push it gently into the goblet opening. You may need to drill a small hole into the ball to seat it on your live centre. For goblets with larger bowls, use a larger ball such as a tennis ball.

8. With the tail stock <u>gently</u> pushed up, finish the shaping of the outside of the bowl section.

9. Begin shaping the goblet's stem from the bowl toward the chuck. Keeping the remaining blank as is, thin down in sections to your finished diameter, approximately 25mm at a time works well. This maintains as much strength as possible to the stem section. Once completed, gently sand and part off (below right)

10. Job done!

Some more designs from other turners