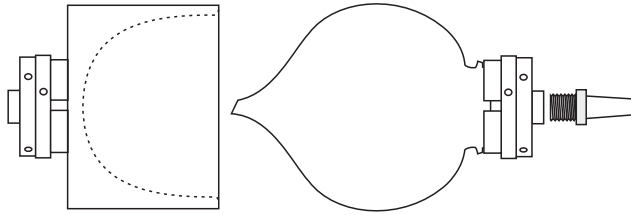


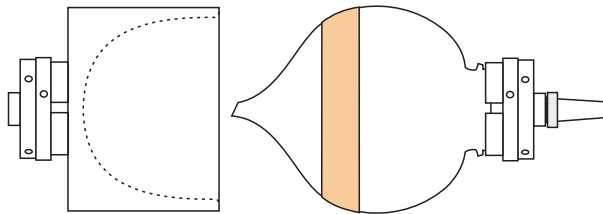
## HOT MELT GLUE CHUCK

From Peter Williams

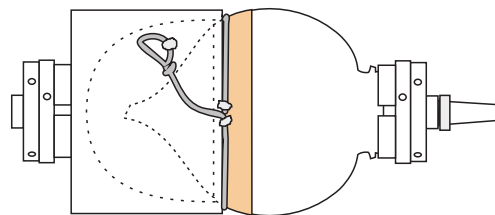
When cutting the chuck bite off the bottom, hollow forms of the shape shown here can be held in a vacuum chuck or pressed to a large cup chuck by the tailstock. If the body of the work has been textured and pierced a vacuum chuck will not work and tailstock pressure may be too much for the remaining wood. Glueing the piece into a cup chuck is an option but glue may mark the decorated surface. The method shown here has been developed to leave less marking on the finished surface.



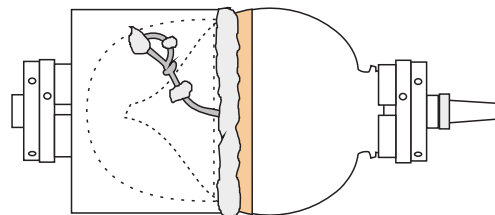
Keep the work mounted in a chuck. Add a reverse adaptor and mount this assembly in the tailstock. Make a cup chuck which will fit to almost the largest diameter of the work.



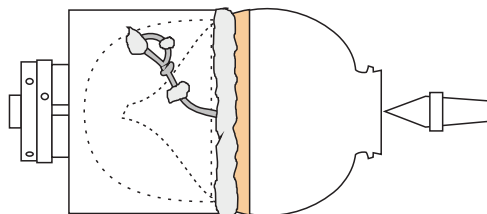
Cover the area that is to be in contact with the cup chuck and the glue (see below) with a single layer of good quality, high stickability, masking tape. Then advance the work piece into the cup chuck



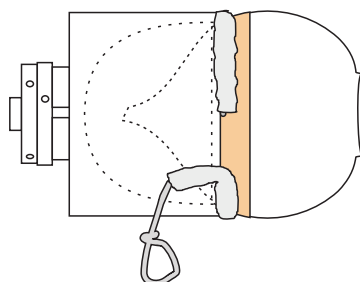
Wrap a strong string into the groove between the cup chuck and masking tape completely around the work. Ensure the string has a long end. Tack this with hot melt glue.



Apply hot melt glue between the cup chuck and the masking tape over the top of the string. Apply more glue to the long end of the string to ensure that it does not fly out when the lathe is turning.



Remove the chuck at the tailstock end and bring a live centre up to the work. Finish the foot of the hollow form.



Pull the string to lift the glue. Remove the hollow form from the cup chuck. Remove the masking tape.

