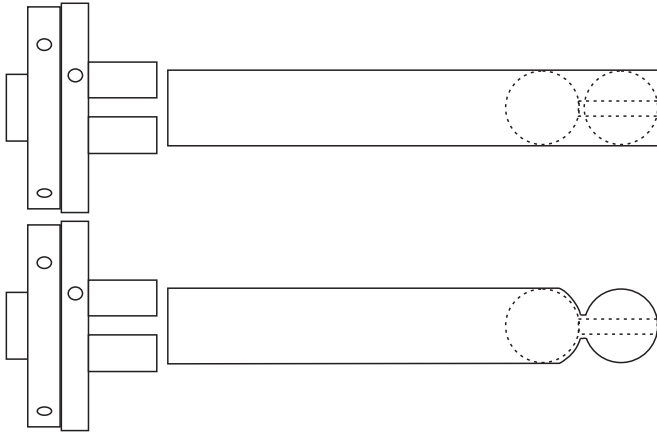


## Beads

This is about making beads from a stick of wood, resin or acrylic. Resin and acrylic sticks are usually 20mm diameter. You may make a wood stick the size of your choice. Start with the stick 100 to 130mm long gripped in pin jaws. You need to know the thickness of the string the beads are to be put on. You may plan to make all beads spherical or some ovoid.

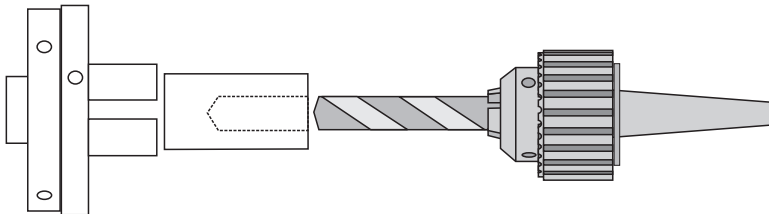


Mount the material in pin jaws. Drill a hole of the width desired, to just beyond the diameter of the first bead.

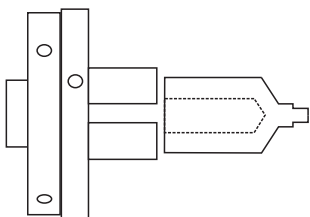
Turn the bead to shape. By eye using a spindle gouge or skew or use a piece of steel tube that is close to the diameter of the planned bead. Sand the bead using a low speed and fresh sandpaper to 400 grit.

Then finish with Yorkshire Grit Abrasive Paste (=1000 grit sandpaper) and then Yorkshire Grit Microfine Abrasive Paste (=2000 grit sandpaper). Part the bead off and finish the parting cut by hand. Repeat the process until no more beads can be cut from the stick. Drill through the remaining piece of stick with the same size drill as used for the beads.

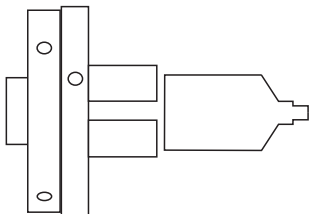
To use the scraps of wood, resin or acrylic which all now have a hole through the middle, make a pair of jam chucks to hold them. These can be made from hard wood or aluminium. Start with two pieces of wood or aluminium 40mm long and 20mm diameter.



Mount one piece in the pin jaws. Drill into the end of it to create a hole which will be a good fit on your tailstock live centre.



Turn the material around and cut the exposed end to fit the drilled hole on the bead scrap. In this case 4mm. The next part can be 2mm thicker and then slope the material to ensure good access with the turning tools.



Turn a similar piece to be held in the pin jaws to hold the other end of the bead scraps.

Mount, turn, sand and finish the bead scraps just as you did for the beads off the end of the sticks.

