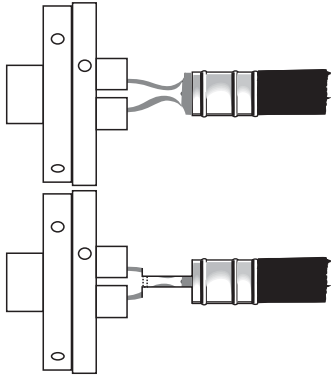




Sanding Sealer Jar

As shown by Bruce Wood

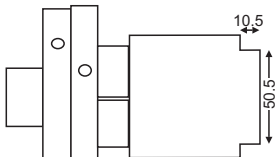
This project uses a 100g Moccona Instant Coffee jar and 25mm paint brush with a wooden handle. Check the coffee jar size - this one has an internal diameter at the top of 54mm.



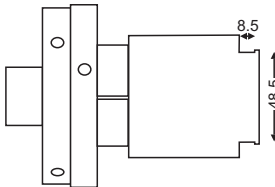
Hold the brush in pin jaws or jammed into the middle of 50mm jaws. If you feel the need you can make a long pointed add-on for the live tail and press it up among the brush bristles.

Make the handle of the paintbrush round and short so that it will fit a hole you drill into the jar lid later. Cut as close to the metal wrap around the brush as possible, you may even take a little of the metal off.

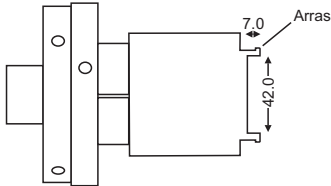
Make a wooden replacement for the glass coffee jar lid. The glass lid is hollow and the wooden lid needs to be solid so that it will hold the brush. Start with a block of wood that is 70mm square and at least 60mm long. A longer block will allow for a longer handle on the finished jar. Mount this wood between centres, round it off and cut a spigot for a 50mm chuck on one end. Mount the wood in a 50mm chuck.



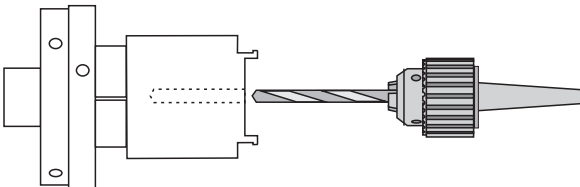
Cut it down to 65mm diameter and dress the end perfectly square. Cut back from the face 10.5mm down to a diameter of 50.5mm.



Within the newly cut area reduce the diameter of the wood to 48.5mm over a distance of 8.5mm from the face that extends to the outside of the work. This should leave a ring of wood 2mm wide and 3mm thick around the outer edge.

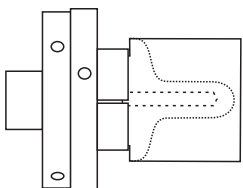


Cut into the face of the work 7.0mm deep and 42mm diameter. Sand a small arras on the outer corner as shown. Test fit the plastic from the coffee jar lid and adjust the diameters if needed.



Drill a hole through the plastic and into the wood to take the handle of the brush. Remove the wood from the chuck. Remove the plastic lid liner.

Make a packer that will fill the 8.5mm wide cut to the 48.5 diameter area so that a 50mm chuck will hold the workpiece at this point.



Reverse the wood and use the packer to mount it in the 50mm chuck. Cut the handle as outlined here. Sand and finish.

To assemble the lid and brush. Put the plastic lid liner onto the wooden lid. Put epoxy resin or Araldite glue into the hole in the lid. Push the brush into place. Ensure that there is enough glue to spill out and puddle around the brush/plastic liner join.