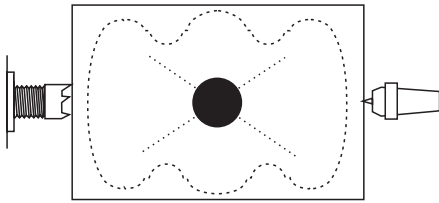


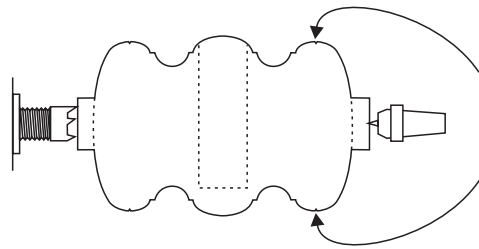
GAVEL AND ANVIL

Three pieces of wood are required to complete this project. A piece 90 x 50 x 50 for the head; a piece with good longitudinal strength 200 x 25 x 25 for the handle; and a very dense piece 100 x 100 x 35mm for the anvil.

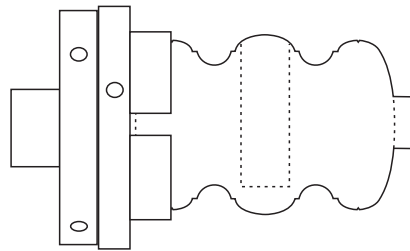


The plan is to fit the handle using a blind mortise. Drill a 15mm dia hole 50mm into the head wood at the centre point on one side.

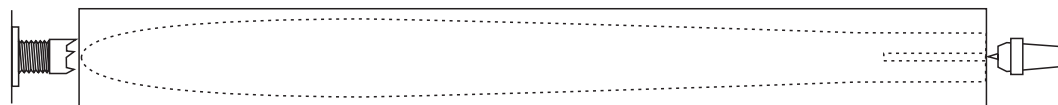
Mount this block between centres and turn it as close as possible to the completed shape. Sand and finish all surfaces.



Note the little groove shown around each end of the gavel head. If you make the diameter of the gavel head 48mm at this point you will be able to hold the wood with a chuck in this groove and finish each end. Alternatively make a jam chuck to hold the head for finishing the end surfaces.

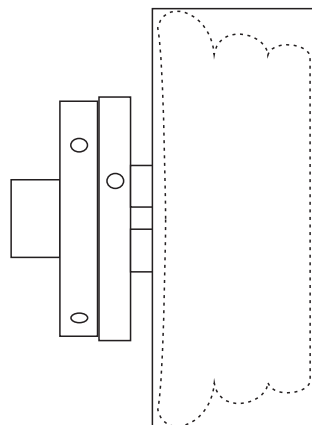


Turn the handle between centres. Shape the end to fit into the head so that the last 35mm are a nice fit into the head and the handle gets gently wider beyond that point. Decorate the handle with beads and coves as you see fit. Cut a slot at least 30mm into the end. Make a wedge to fit this slot and extend about 5mm beyond the end.



Dry fit the handle to the head or use measurements to check. The wedge should just touch the bottom of the hole when the wider parts of the handle meet the edges of the hole. The slot and wedge should be at right angles to the length of the head.

Add good wood glue to all parts that will be inside the head and drive the handle home.



Mount the anvil wood in a wide chuck, or use a shallow drilled dovetail.

Cut and finish the upper surface.

If the uppermost bead is the right size (81mm to fit in 100mm Nova jaws) the block may then be turned over and held in a chuck while the bottom is finished. Or, use a jam chuck.