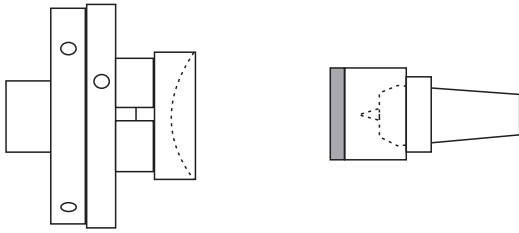
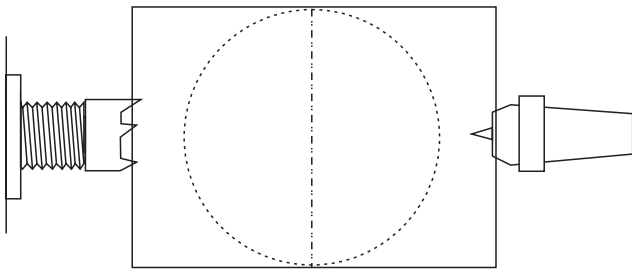


A SPHERE

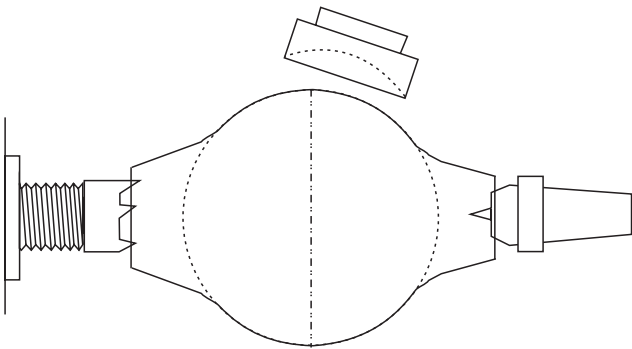


Make a shallow cup chuck to fit into a scroll chuck. The curve inside this chuck needs to be deeper than the curve of the sphere you plan to make.

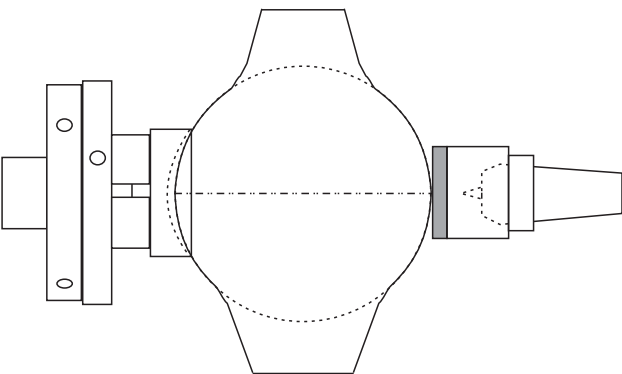
Make a block to fit snugly on a live tail. Pad the outer end of this with a piece of leather. Both these items should be as short as possible.



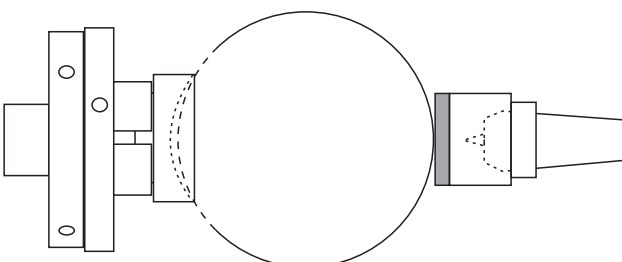
Mount a block between centres. This needs to be a little longer than the diameter of your planned sphere. Round this off and mark a pencil line around the centre.



Turn it to a sort-of egg shape. Then proceed to make the centre portion exactly a part of a sphere. Use the cup chuck to test for roundness. The edges of this chuck are a perfect circle when placed on the sphere there should be no gaps under this edge.



Re-mount the wood between the cup chuck and tail block. When this wood is spinning you will see ghosting between the longer pieces and the part sphere you have already turned. Carefully turn away the high bits until only the sphere remains.



Sand and finish. This may require a few shifts between the cup chuck and tail block.