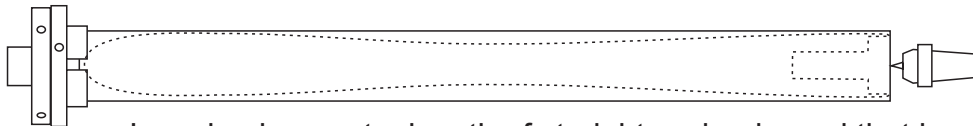
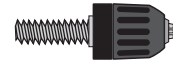


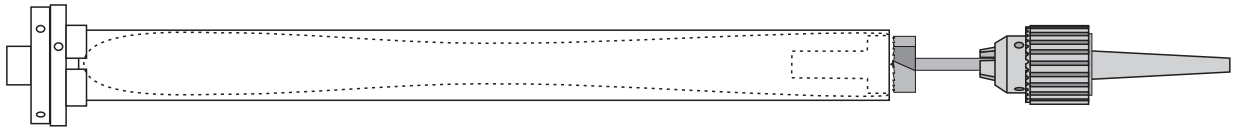


MULTIPLE TOOL HANDLE

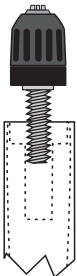
This is the making of a handle for an array of woodturning chisels. The size of the finished handle will probably be determined by the size of the drill chuck you can obtain. Get a 13mm drill chuck online or in your local hardware store, or out of your own spare parts box. It needs to be the design that is built in two halves with the jaw end twisting to move the jaws while the lower part can be held. Check that the under-side is totally sealed as this will be embedded in resin. Add 30 to 50 mm of headless bolt or threaded shaft to the chuck.



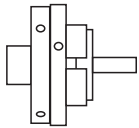
In a chuck mount a length of straight-grained wood that is a little thicker than your planned finished size. Bring the tailstock up to ensure that the mount is straight.



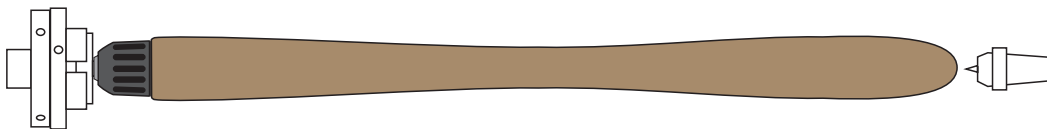
Drill into the end of the wood to make a cavity to neatly fit the drill chuck. Test fit the chuck - it should be neither loose and wobbly or tight and putting pressure on the wood.



Take the wood off the lathe and stand it vertically in a secure way. Pour a little epoxy resin into the hole. Gently insert the drill chuck so that the resin overflows. Ensure that no resin contacts the upper, rotating, part of the chuck. Leave it to set.



Mount a 10 or 12mm piece of steel, or dowel, or make a short dowel from scrap held in the chuck.



Fit the drill chuck end of the handle to the dowel. Bring up the tailstock. Turn the handle to shape. Sand and finish.

You now have a handle which will hold any chisel with a roundish tang which is from 1 to 13mm diameter.