

# PROJECT PEN KITS



For more info and videos scan here

AXMINSTER  
woodturning

## Corkscrew Kit

Code: 700320



## WHAT'S REQUIRED

Drill Bit Size:  
**4.8 mm and 6 mm**

Minimum Blank Size:  
**130mm x 40mm x 40mm**



## PREPARING THE BLANKS, HINTS & TIPS

### Method 1

Preparing the Blank

1. We recommend drilling before turning to ensure a more accurate finished project
2. Carefully mark the centres on each end of the blank.
3. Mark the centre of one of the sides and drill a 4.8mm hole a fraction over half way through the blank.

**Note:** the metal Corkscrew has a spigot with an M5 thread, 10mm long.

### Method 2

Preparing the Blank

1. We recommend drilling before turning to ensure a more accurate finished project
2. Cut the blank to your desired length of corkscrew handle.
3. Carefully mark the centres of each end of the blank.
4. Mark the centre of one of the sides.
5. Drill a 6mm in the centre of each end of each blank.

6. Drill a 4.8mm hole in the centre of the side of the blank a fraction over half way through the blank.

## TURNING THE BLANK, HINTS & TIPS

### Method 1

Turning the Blank.

1. Mount the blank on the lathe between centres and turn to a cylinder.
2. Use a pencil to draw a line around the cylinder marking the position of the centre hole.
3. Measure and mark an equal distance on each side of this line to define the length of your corkscrew handle.

**Note:** If you do not wish to use the End Caps skip Steps 4 & 9.

4. Using a parting tool on the outer side these lines; turn each end down to 11mm, the same diameter as the End Caps.
5. Turn the blank to your desired profile
9. Using a parting tool, turn a 6mm stub tenon on each end (5mm long) to fit the internal diameter of the End Caps.
6. Sand and polish with your preferred finish.
7. Part off.

### Method 2

Turning the Blank

1. Mount the blank on the lathe between centres and turn to a cylinder.
2. Use a pencil to draw a line around the cylinder marking the position of the centre hole.
3. Measure and mark an equal distance on each side of this line to define the length of your corkscrew handle.
4. Turn the blank to your desired profile, with each end finishing 11mm diameter to match the End Caps.
5. Sand and polish with your preferred finish.

Continues over...

## ASSEMBLY, HINTS & TIPS

### Method 1

#### Assembly

1. If you wish, use an M5 tap to put a thread inside the central hole.
2. For added security use epoxy or CA glue in the hole before screwing in the metal Corkscrew. This may be carried out holding the metal Corkscrew in a vice, taking care to protect the screw piece and avoid damage caused by over tightening the vice.
3. The End Caps have an M6 internal thread, screw carefully onto the tenons

**Note:** for added security, unscrew and refit using epoxy or CA glue.

4. Test the finished project on a bottle of your favourite wine.

### Method 2

#### Assembly

1. Glue a 6mm dowel into each end of the corkscrew handle.
2. When the glue has cured, saw the excess off each dowel leaving 5mm protruding.
3. If you wish, use a M5 tap to put a thread inside the central hole.
4. For added security use epoxy or CA glue in the hole before screwing in the metal Corkscrew. This may be carried out holding the metal Corkscrew in a vice, taking care to protect the screw piece and avoid damage caused by over tightening the vice.
5. The End Caps have an M6 internal thread, screw carefully onto the dowels

**Note:** for added security, unscrew and refit using epoxy or CA glue.

## DIAGRAM A



Visit the Knowledge blog 'How To Make A Pen' for hints, tips and videos  
**[knowledge.axminstertools.com/pen-turning](https://knowledge.axminstertools.com/pen-turning)**



VIEW OUR FULL RANGE OF  
PEN CASES AND DISPLAY BOXES ONLINE

Axminster Tools, Axminster, Devon, EX13 5PH

**AXMINSTERTOOLS.COM**