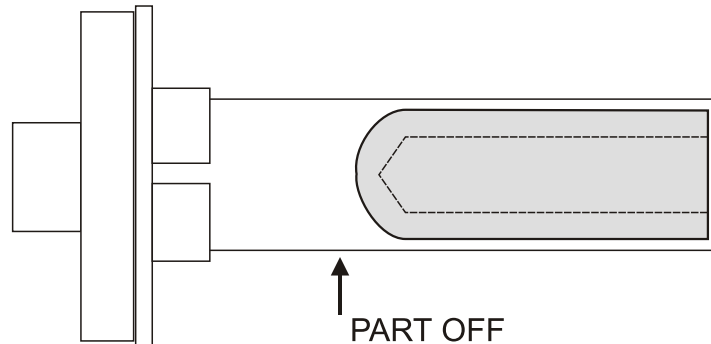


TravelMate

This is designed to hold two needles and two three metre lengths of cotton - useful for clothing repairs while travelling.

Start with two pieces of wood each thick enough to be 17 mm diameter when mounted and roughed down, and long enough for 60 mm of finished work to be parted off.

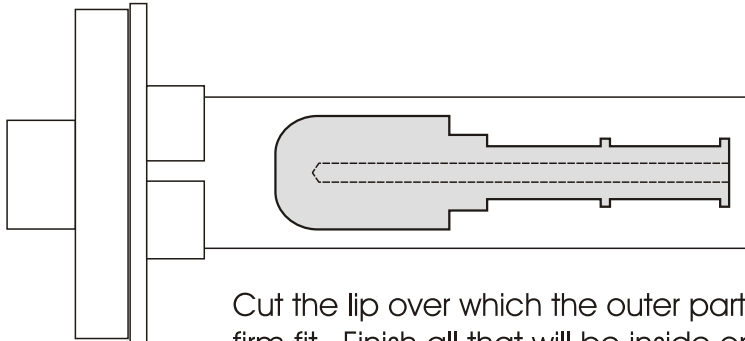
THE OUTER PART



Mount one block in a scroll chuck and round it off. Dress the tailstock end and drill a 10 mm hole 40 mm into it. Measure this distance along the out edge of the drill bit so you get 40 mm of full width hole. Clean and finish the inside of this hole ensuring that the sides near the mouth remain perfectly parallel. Now thin the wood down to about 17 mm diameter. Part this off near the planned finished end and set it aside.

THE INNER PART

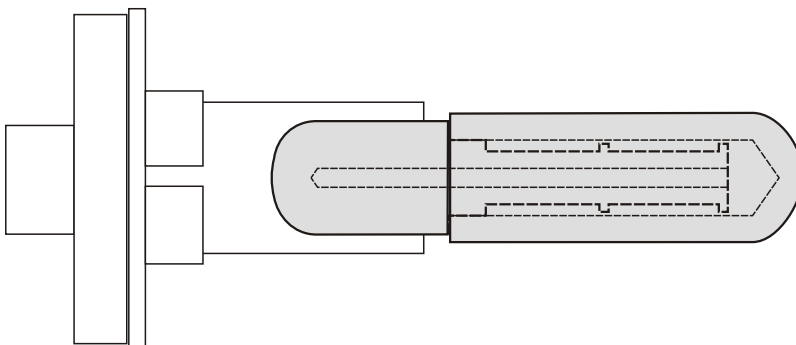
Mount the second block in a scroll chuck and round it off. Dress the tailstock end and drill a 2.5 mm hole 55 mm into it. Clean and finish the inside of this hole.



Cut the shaft down to 9 mm wide at the end and centre "wall" and 7 mm inbetween, where you will wind the cotton later.

Cut the lip over which the outer part will fit down until the outer part is a firm fit. Finish all that will be inside once the outer part is in place.

Fit the outer part onto the inner part and thin the whole thing down to about 15 mm. Finish the outside, outer end and the start of the curve of the inner end. Part off.



0 20 40 60 80 mm

The drawings on this page are made to this scale.