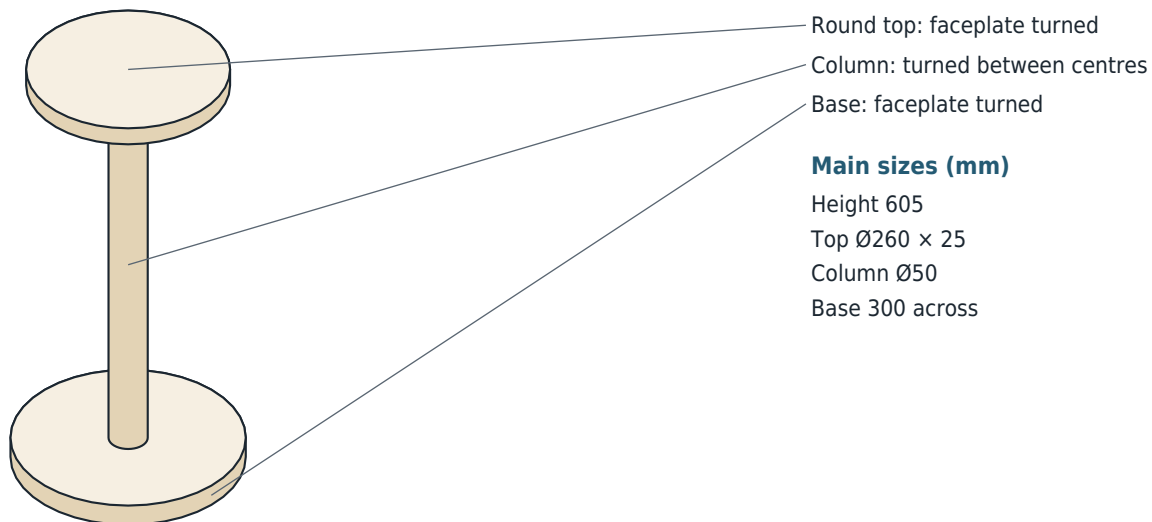


Case study 7: Plant stand

WOODWORK WITH MR KELLY

National 5 · Practical Woodworking · 10 marks · open book

The product. A plant stand has a turned column, a round top made by faceplate turning, and three feet. It will hold a pot plant indoors. Use the drawing to answer the questions. Answer in sentences for describe and explain questions; you can add labelled sketches.



1 *The round top is turned on the lathe.*

(a) Name the method of turning used for the top. (1 mark)

(b) Describe how the wood is held for this method. (1 mark)

2 *The column is turned between centres to Ø50.*

Name two turning tools and describe what each is used for. (2 marks)

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3 *The column fits into a hole drilled in the base.*

Describe how to drill the hole to an accurate depth on the pillar drill. (2 marks)

4 *The stand will hold a pot plant that is watered regularly.*

Name a suitable finish and explain why it suits the plant stand. (2 marks)

5 Describe one environmental benefit of using offcuts for the base. (2 marks)

Total: ____ / 10