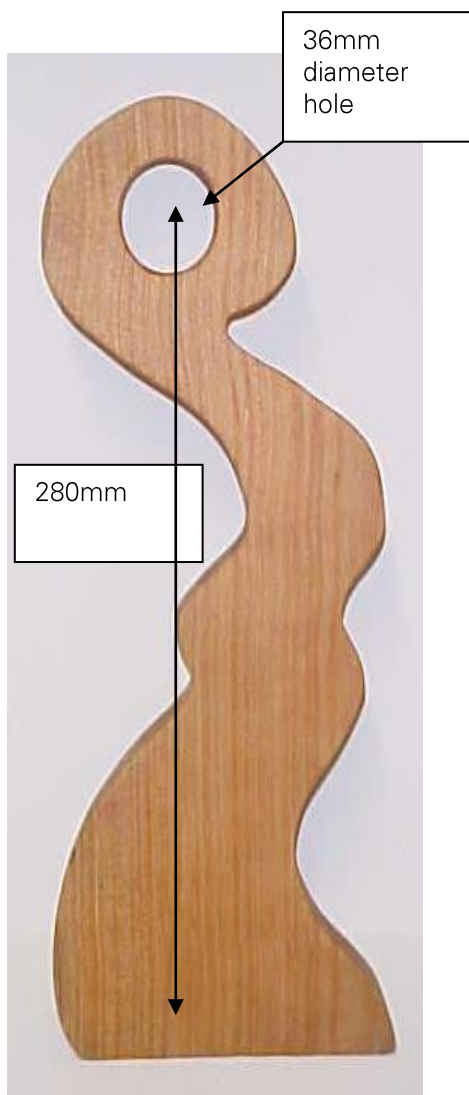


# Project - Wine Holder

This project can be structured as a stand-alone test, or alternatively, incorporated into the learners project work. Either way, all of the quality standard requirements and special note facility tasks have to be completed.

Working drawings or templates should be produced to assist with the quality standard requirements.



**Sample test piece – wine rack** – the bottle cantilevers the rack to enable it to stand unsupported. Learners can copy this design or design the shape. The shape should however contain tight curves to facilitate the need to change the blade for a thinner blade to get around the corners. The general specifications have been given.



## **Written specifications**

### **Use fixed machinery to produce the wine rack**

- Circular saw – Set the saw guide to rip the timber to width,(teacher to cut timber).
- Circular saw – Tilt the blade to cut base at 60 degree angle.
- Drill press – Set up drill press and drill hole.
- Band saw – Cut out the profile of the rack.
- Sanding machines – Use sanding machines to produce a smooth finish.

Quality standard:

- All health and safety requirements must be met.
- All personal safety precautions should be observed.
- All cuts to within 1mm of line.
- No burn marks in cut.
- All curves should be continuous.