



DOMINOES

Tools

Tenon saw, G-clamp or vice, drill with 3mm ($\frac{1}{8}$ in.) bit, try-square, small paint brush, ruler and pencil

Materials

Wooden batten, 51mm x 25mm x 305mm (2in. x 1in. x 12in.)
Medium and fine grade sandpaper
Masking tape
Gloss polyurethane varnish

To make the dominoes

Divide the batten into 28 sections, each 10mm ($\frac{3}{8}$ in.) thick. With a pencil, mark three sides of the wood at each division using the try-square.

Secure the batten with the G-clamp and saw the lengths into sections; keep to the marked lines to obtain a right-angled edge.

Divide each piece in half with a pencil, clamp and run the saw along the pencil line to a depth of 1mm ($\frac{1}{32}$ in.).

Mark out the positions of the pips on each piece with a pencil. (Each domino bears a different combination of numbers from blank to six.) Clamp, and at each marked point drill down to a depth of 2mm ($\frac{1}{16}$ in.).

To obtain a consistent depth of indentation wrap masking tape around the drill bit 2mm ($\frac{1}{16}$ in.) up from the bottom.

Sandpaper each piece removing all sharp edges.

Finishing

Apply clear gloss varnish to each domino.

If desired, apply wood primer and a coat of coloured paint to the flat side of each domino; this will ensure that players cannot cheat by memorising the wood grain on the backs of certain tiles!

B B 1 1 2 2 3 3 4 4 5 5 6 6

B 1 1 2 2 3 3 4 4 5 5 6 6

B 2 1 3 2 4 3 5 4 6

B 3 1 4 2 5 3 6

B 4 1 5 2 6

B 5 1 6

B 6

7 6 5 4 3 2 1

13 18 22 25 27 28

Dominoes