

# Dining table and desk pattern sheet



This combined desk and dining table is a great way to make the most of a small room that functions as a study, dining and living area. The unit's design allows for a desk with two low filing cabinets and a dining table that rolls out when needed.

## Desk and dining table



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### HERE'S HOW

**STEP 1** Stain the tabletop (A) walnut or a similar colour. Using 2 hands with 2 rags, apply the stain with one, and wipe immediately with the other for an even finish (wipe on, wipe off). Use a turps-based stain so it does not dry too quickly and leave a blotchy finish. When dry, coat the top and bottom with 2 coats of water-based satin polyurethane.

**STEP 2** On the underside of the tabletop, measure 405mm in from each end at each corner, and 20mm in from the front and back. Square lines along these marks, then screw the base plate of the steel legs to the underside of the table. Screw on the legs.

**STEP 3** From the back of the desk legs (B) measure in 80mm, and 50 and 330mm down from the top. At these points, screw 2 angle brackets to the legs to be at right angles to the back. These will support the modesty panel 48mm in from the back edge. With the top edge facing down, apply glue to the modesty panel (C) edge, and push it against the leg behind the bracket. Make sure the joints are tight, then predrill and screw the panel to the legs.

**STEP 4** To provide greater strength, add a screw going from the modesty panel skewed into the leg. Repeat the process for the other side. Hold the screw next to the drill to get the right angle.

**STEP 5** Still working upside down, centre leg assembly on the underside of the desktop (D) with the front of the leg flush with the front of the desktop. Fix in place with more angle brackets. Use 2 for each leg, setting

them back from the front so they won't be seen. Use 3 for the modesty panel.

**STEP 6** Stand the desk on its legs and mark 150mm in from the front and back, and 20mm in from the ends. Using a Speedbor bit, drill 16mm-diameter holes to a depth of about 80mm. Make sure they go in straight. Glue 16mm hardwood dowels into these holes to reinforce the joints. In the same way, drill 3 holes from the top into the modesty panel, 65mm from the back edge of the desk top and 150mm in from each end with 1 in the middle. Take the top screw out of the centre bracket first so you don't accidentally hit the steel screw with your bit. The screw can be replaced once the dowel has been glued in.

**STEP 7** When the glue is completely dry, use a flush cutting saw to trim the excess from the top, then sand flush with the tabletop. The dowel's end grain will become a feature once you've painted the desk with 2 coats of clear water-based polyurethane.



### GATHER YOUR SUPPLIES

- **A** Tabletop 1600 x 700 x 32mm hoop-pine plywood
- **B** Desk legs/ends (2) 800 x 750 x 32mm hoop-pine plywood
- **C** Modesty panel 1630 x 400 x 32mm hoop-pine plywood
- **D** Desktop 1700 x 800 x 32mm hoop-pine plywood

**NOTE:** 32mm hoop-pine plywood costs about \$350 per sheet.

### YOU'LL ALSO NEED

Two filing cabinets, such as Allgood Elite Pedestal, 425mm wide, 500mm deep and 670mm high (\$180); Brushed-steel table legs with brake castors (4); 75mm angle brackets (11); 16mm x 90mm-long lengths of dowel (7)

