



joint winner

The DJ300 Dovetail Jig is a versatile accessory which enables any router user to create traditional dovetail and other joints with a router.

new DJ300 dovetail jig

Dovetail joints are recognised as one of the strongest and most attractive ways to join timber, but cutting a dovetail by hand is difficult and time consuming. The combination of the DJ300 Dovetail jig and a router such as the Trend T5 enables dovetail joints to be produced easily with perfect accuracy, in a fraction of the time.

The jig features a precision engineered design to ensure that the 'tails' and 'pins' are cut with identical pitch angles and spacing. It contains everything needed to start making dovetail joints with your router. The base assembly has workbench fixings and strong clamps for the workpieces. The adjustable metal end-stops ensure a symmetrical joint is achieved every time with any of the templates. The 300 mm wide dovetail template supplied with the jig is precision-machined from solid aluminium, as

opposed to plastic or stamped steel templates used with other jigs. Also included is a TCT dovetail cutter, a guide bush and fixings.

The jig is supplied with a comprehensive manual and a voucher for a free Trend Routing System video, giving a useful introduction to using the DJ300, as well as T series routers and the MINIMACH. Spare parts for the jig are readily available if they are ever needed.

It takes just a few minutes to set-up the jig and the router to begin making your first dovetail joint. If you've never used a dovetail jig before it's important to familiarise yourself with the way the timber is aligned in the jig and also the depth of cut to achieve a firm joint. All this is explained fully in the manual. As with any new tool, to become familiar with its characteristics, the best idea is always to make trial



joints first in some scrap material.

Two optional aluminium templates are also available. The 1/4" lapped dovetail template produces small half-blind dovetails, ideal for jewellery boxes, artists cases and other smaller projects. This template is used with a 7.74mm guide bush supplied with the template, and a 6mm solid carbide dovetail cutter supplied separately. The end-stops needed for the different joint off-set are supplied with the jig.

The other optional template is for a 1/2" comb joint. It uses the standard guide bush supplied with the jig and a 12.55 diameter straight cutter available separately. These joints have a square profile instead of the tapered shape of the dovetail. This simple



Standard Dovetail cutter



Additional templates and cutters are available



The timber is positioned tight up against the edge guide to fix the joint off-set. The side of this draw assembly is placed in the front clamp and the front of the drawer is placed in the top clamp.



The position of the template is adjusted using the spanner supplied to set the depth of the dovetail joint.



The dovetail profile is formed using the TCT cutter supplied with the jig. The guide bush fitted to the router, follows the fingers of the template.



Once the router is set up correctly, it will cut both pins and tails in one pass.

shape is strong and attractive for projects such as boxes, cupboard carcasses and larger furniture items. See pages 24 and 25 for a detailed look at comb jointing.

The DJ300 offers a winning combination of accuracy, simplicity and versatility to increase your creative potential for many projects. **IP**