

GIFKINS DOVETAIL JIG DESIGN AND OPERATION

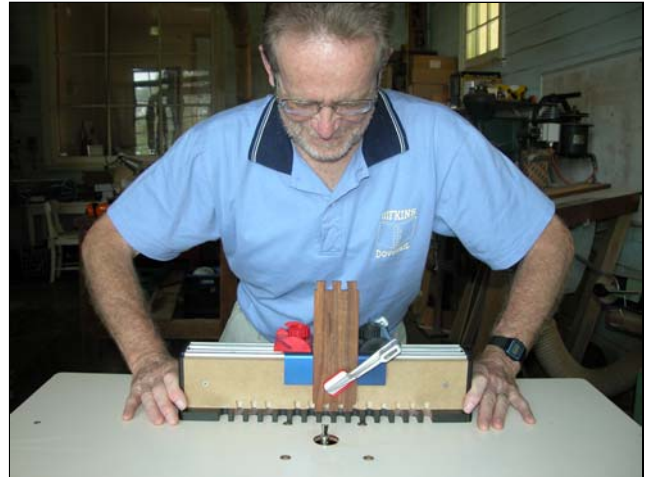
BACKGROUND

Unlike most other dovetail jigs, the Gifkins Dovetail Jig is designed for use with a table mounted router. This gives the user much greater control, resulting in more accurate joints as well as greater safety.

Roger Gifkins, renowned Australian boxmaker says:

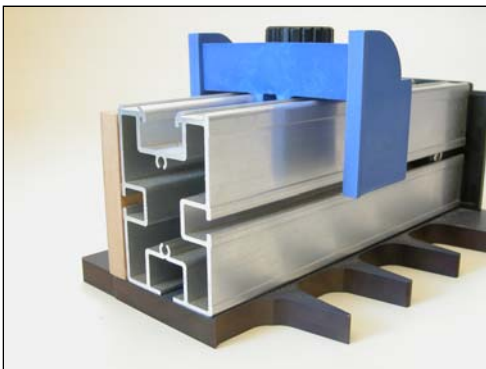
“After many years of producing boxes with hand cut dovetails, I could see the need for a dovetail jig that produced accurate, small scale joints. Unable to find anything suitable in woodworking catalogues, I designed my own dovetail jig to suit this small scale work. The experience gained using this jig over the past 19 years has resulted in many refinements. During this time I have made boxes, using the Gifkins Dovetail Jig, which have been presented to Her Majesty Queen Elizabeth II, US President George Bush senior, Australian Chief Justice Sir Gerard Brennan and many other dignitaries.

I have now made this precision jig available to fellow woodworkers. I not only designed this product but I also produce it in my own workshop. This jig meets the needs of both professional and hobby woodworkers alike.”



The jig has proved popular at many schools in Australia, as students can obtain accurate results without constant supervision. The jig is not only superbly accurate, but it is built to last using the best materials available.

JIG CONSTRUCTION



Cutaway view of custom extrusion

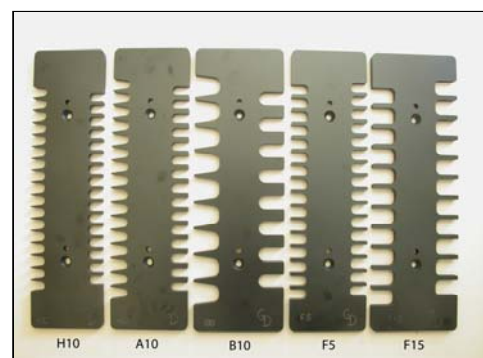


Template mounting pin and nut

The new model jig (2006 onwards) is designed around a heavy duty custom aluminium extrusion for the central body of the jig, giving superb precision and rigidity. Channels along all four sides of this extrusion house steel nuts in injection moulded fittings, so that all components fix down to steel rather than aluminium threads for greater longevity.

TEMPLATE PROFILES

There are five template profiles which are all interchangeable on the one jig. Each template is offset one side to the other to give perfect edge alignment of the joints. The templates locate very precisely onto pins in the base of the jig, so that swapping back and forth between templates retains perfect accuracy.



SPECIFICATIONS

- The Dovetail Packages include all you need to cut perfect dovetails once you have a table mounted router and one or two clamps.
- Comes with detailed, easy to follow instructions, written in plain English.
- Comprehensive Demonstration DVD's are available for Dovetailing or for Finger Joints
- No special fittings required for your router or your router table.
- Suitable for use with any router table or mini-spindle, including all Triton® router tables and any home made table.
- Templates are machined in 13 mm thick Phenolic resin using state of the art CNC machinery.
- Two injection moulded stops lock accurately at 90° to ensure precise edge alignment of the joints.
- Micro adjustment to get the fit you want - once set no further adjustment is required until the bits are re-sharpened.
- The jig uses its own special router bits, made by Carb-I-Tool in Melbourne, which are supplied with the jig.
- Replacement bits are available from Gifkins Dovetail. Bits are also available from Carb-I-Tool and their stockists, as well as our agents in the UK and the USA.
- Unconditionally guaranteed against faulty workmanship or materials.
- Designed and made in Australia using all Australian materials.

TIMBER THICKNESS

A major consideration when purchasing templates is the thickness of the timber you wish to work with.

H10 templates are suitable for any stock up to 10 mm thick and use ¼" shank cutters

A10 & F5 templates are suitable for stock from 5 mm to 13 mm thick and use ¼" shank cutters

B10 templates are suitable for stock from 13 mm to 22 mm thick and use ½" shank cutters

F15 templates are suitable for stock from 13 mm to 22 mm thick and use a ¼" shank cutter

