



COL HOSIE WOODTURNER PTY LTD

GIFKINS DOVETAIL

SALES@GIFKINS.COM.AU PHONE +61 02 6651 9513

Product booklet

January 2019



No measuring! No fiddling! No fuss!

The only Australian made dovetail jig!

The only
Australian made
dovetail jig!



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GIFKINS DOVETAILED

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THE JIG... Gifkins Dovetail manufactures the only Australian-made jig for cutting through dovetail joints and finger joints. It's a beautifully designed tool that delivers precise joints every time. The jig is designed for use on an under-table mounted router.

Unlike most jigs—no special fittings are required for your router—it works brilliantly with most routers on any flat, even table. You supply dressed [DAR], sanded and squared timber, two clamps—and you're ready to go! **No measuring! No fiddling! No fuss!**

Choose from five standard templates across three timber thicknesses:

- **H10**, a small dovetail template that cuts a delicate dovetail joint, designed for timber 2mm to 10mm.
- **A10**, a medium sized dovetail template, and **F5**, a medium sized finger joint template; both use timber from 5mm to 13mm.
- **B10**, a large dovetail template, and **F15**, a large finger joint template; both use timber from 14mm to 22mm.

JIG OPERATION...

To cut a test joint: Prepare your timber to the required thickness. Use chalk to mark the outside-face and bottom of each piece. With the dovetail cutter secured in the router, line up the timber on the dovetail side of the jig. Slide the stops up to both sides of timber then clamp. Cut each dovetail, by running the bearing around the inside wall of each space to ensure total 'clean-out'. Now, turn the jig around and change to the straight router bit. Leave the stops in place to insert the piece for the pin side. Your first pass should be a slow, shallow cut across the face of the pin. This initial cut will help prevent



damage to soft timbers. Continue to rout out the pin space; again, running the bearing against the inside wall of the template to ensure total clean-out. Follow the chalk marks to assemble the joint.

STANDARD TEMPLATE SPECIFICATIONS

Joint type	Through dovetails [mm]			Finger joints [mm]	
	H10	A10	B10	F5	F15
Template profile	TGHD 12 ¼	TGAD 12 ¼	TGBD 16 ½		
Dovetail cutter	TGHD 12 ¼	TGAD 12 ¼	TGBD 16 ½		
Straight cutter	TGHS 12 ¼	TGAS 12 ¼	TGBS 16 ½	TGF5	TGF15
Pin size	6	10	17	5	15
Pin spacing	18	20	38	10	30
Min thickness	2	5	14	5	14
Max thickness	10	13	22	13	22
Max width	290	310	310	310	310

BOX MAKER PACKAGES...

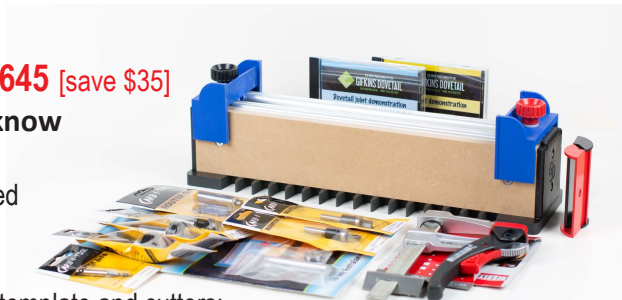
BOX MAKER'S STARTER PACK **\$645** [save \$35]

Want to make boxes but don't know where to start?

The starter pack has everything you need to begin making beautiful boxes.

The pack contains:

- [1] Standard Solo jig package with **one** template and cutters;
- [2] Ultimate cutter kit [with five box making cutters], [3] one Bessey Kliklamp,
- [4] one pair of clamp holders, and [5] one demonstration DVD [dovetail or finger joint].



MINI JIG PACKAGE FOR CUTTING

BUTTERFLY KEYS **\$495** [save \$38]

The package for the box maker who wants to learn the advanced technique of cutting butterfly keys!

The pack contains...

- [1] Mini Solo jig package with **one** H20 template, adapted 45° stop and H10 cutters;
- [2] Gifkins instruction manual,
- [3] Butterfly keys instruction manual,
- [4] adapted triangle, [5] push block, and
- [6] one pair of clamp holders.



TEMPLATE PACKAGES...

STANDARD SOLO PACKAGE **\$355** [save \$20]

If finances are tight —start with a Solo 'beginners' package ...

It contains the jig body, **one** template of your choice, appropriate cutters and instruction manual. You provide dressed and sanded timber and one or two clamps and you're ready to go!

STANDARD DELUXE PACKAGE **\$540** [save \$30]

A jig with **two** templates with cutters. The popular choice is the A10 and B10 templates. A good starting point for the more box maker who wants to work with medium and large dovetails. Choose the H10 and A10 templates to make fine jewellery boxes.

STANDARD MASTERS PACKAGE **\$740** [save \$45]

A jig with **three** templates with cutters to suit. This package is recommended for the woodworker wanting more options. For dovetailing only, choose from H10, A10 and B10 templates. For small and large finger joints—F5 and F15 templates.

STANDARD PREMIUM PACKAGE **\$930** [save \$70]

A jig with **four** templates with cutters. This package offers excellent value to the box maker wanting to expand their horizons. It includes four of our five template profiles.

STANDARD 'THE LOT' PACKAGE **\$1290** [save \$96]

The jig with all **five** templates and cutters. This package is a great deal! For the box maker who wants all the options—it has three dovetail and two finger joint templates. The Lot package includes two Bessey Kliklamps, a pair of clamp holders, demonstration DVDs [dovetail and finger joint], and a set of variable joint spacers [VJS].

STANDARD TEMPLATE UPGRADE KITS **\$215** [save \$5]

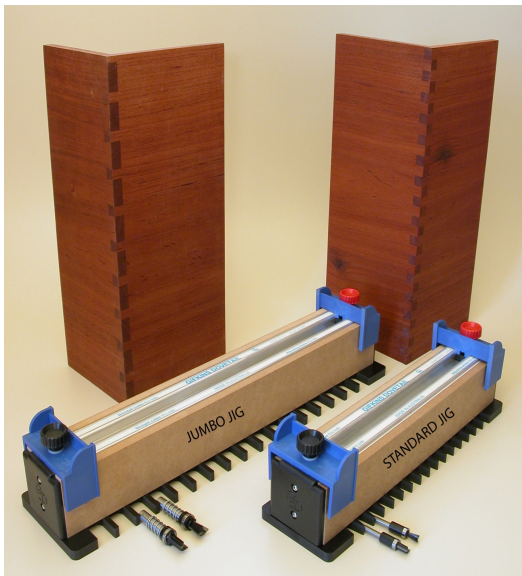
Add a template upgrade to your Solo package to expand the versatility of your jig. Each upgrade includes the template of your choice, appropriate cutters and a pair of backing boards.

Note: we still manufacture templates for jigs made before March 2006. To accommodate these older jigs [with five attaching points], we sell a multi-fit template. It fits both styles of jig bodies. See our website for details, or call anytime!

STANDARD JIG BODY **\$178** ...A great time saver in a busy workshop!

Consider having each template set up on its own jig body. You'll then have all your templates set up, adjusted and ready to go. The extruded aluminium block [with **two fixing points** on base] is fully assembled with two [2] stops, backing boards and shims—ready for your template!

THE GIFKINS JUMBO JIG



Gifkins Dovetail has a Jumbo version of its standard jig. The longer jig body [approx 480mm between stops], is ideal for furniture making, blanket boxes, and household items—its use is only limited by your imagination.

We have **four template profiles**: two dovetails [J-A and J-B] and two finger joints [JF-5 and JF-15]. All jumbo templates are interchangeable on the jumbo jig body [but not the standard body].

Dovetail Jumbo A and Jumbo B templates have the same-sized dovetails as their standard counterparts. However, the J-A pin spacing is 28mm [20mm on the A10 template]. The J-B pin spacing is 48mm [38mm on the B10 template].

Jumbo F5 and Jumbo F15 templates have the same specifications as the standard F5 and F15 templates.

See the table on page 5 for all the Jumbo specifications: timber thicknesses, cutters, pin spacing, available space between stops etc.

JUMBO TEMPLATE SPECIFICATIONS				
Joint type	Through dovetails [mm]		Finger joints [mm]	
Template profile	J-A	J-B	J-F5	J-F15
Dovetail cutter	TGAD 12 ¼	TGBD 16 ½		
Straight cutter	TGAS 12 ¼	TGBS 16 ½	TGF5	TGF15
Pin size	10	17	5	15
Pin spacing	28	48	10	30
Min thickness	5	14	5	14
Max thickness	13	22	13	22
Max width	450	480	470	480

JUMBO JIG PACKAGES	
Jumbo Premium package with four templates, cutters, instruction manual and dovetail and finger demo DVDs. [save \$105]	\$1185
Jumbo Masters package with three templates, cutters and manual [save \$65]	\$950
Jumbo Deluxe package with two templates, cutters and manual [save \$30]	\$710
Jumbo Solo package with one template, cutters and manual. [save \$52]	\$465
Template upgrade pack with one template, cutters and backing boards [save \$18]	\$275



Jumbo Premium package



Jumbo template upgrade

BOX MAKING CUTTER KITS

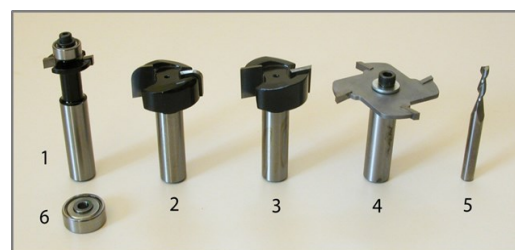
[1] ULTIMATE CUTTER KIT \$225

[save \$18]

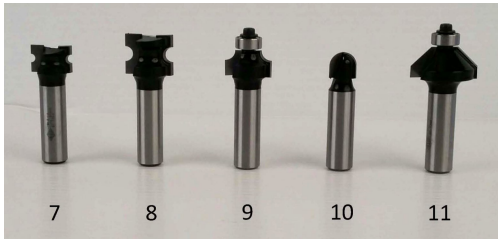
The Gifkins cutter kits are designed to give the box maker the best tools available to produce beautiful boxes. Cutters marked '[G]' are made only for Gifkins Dovetail. Cutters may be purchased individually. Cutters 01 to 04 have a ½" shank.

Ultimate cutter kit comprises:

- [01] TGRC1 B ½ Rebate cutter. Cuts a rebate 4mm wide x 5mm deep (1.6mm deep with big bearing) [G]
- [02] TGPR 1 ½ Panel raiser. 32mm dia, 4.8mm radius on top corners, 8° negative shear angle [G]



- [03] TGTC 1 ½ Tenon cutter. 32mm dia, 8° neg shear angle for super clean cut [G]
- [04] TA700 3.2 M ½ Slot cutter, 3.2mm cut, 51mm dia
- [05] TSRW5 5/32 end cut, Spiral cutter. Solid carbide down-cut spiral, ¼" shank.
- [06] Big bearing for rebate cutter. 19mm OD x 4.8 ID



[2] ULTIMATE UPGRADE BOX MAKING

CUTTER KIT \$245 [save \$18]

- [07] TBN 2 ½ Bullnose bit. 2mm radius inside curve [G]
- [08] TBN 4 ½ Bullnose bit. 3.5mm radius inside curve [G]
- [09] T 506 B ½ Round over bit
- [10] T 416 ½ Core box bit
- [11] T 912 B ½ Chamfer bit. 45° 30mm dia [G]

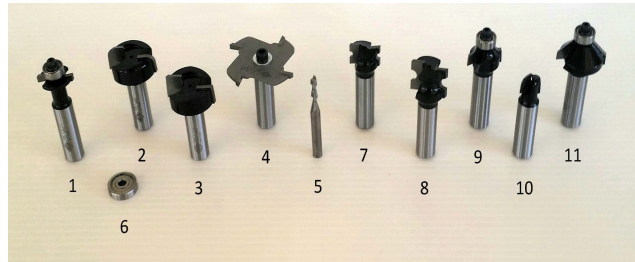
[3] MASTER BOX MAKING

CUTTER KIT \$470 [save \$42]

The master cutter kit will stretch your imagination and enhance your box making skills. It will also introduce you to the joy of making a box on a router table.

Each cutter has been thoughtfully chosen for a specific box making function...

- [01] TGRC1 B ½ Rebate cutter. Cuts rebate 4mm wide and 5mm D (1.6mm deep with big bearing) * [G]
- [02] TGPR 1 ½ Panel raiser, 32mm dia, 4.8mm radius on top corners, 8° negative shear angle [G]
- [03] TGTC 1 ½ Tenon cutter. 32mm dia, 8° negative shear angle for a super clean cut [G]
- [04] TA700 3.2 M ½ Slot cutter, 3.2mm cut, 51mm dia



- [05] TSRW5 5/32 End cut, spiral cutter. Solid carbide down-cut spiral, ¼" shank
- [06] Big bearing for rebate cutter, 19mm OD x 4.8 ID
- [07] TBN 2 ½ Bullnose bit. 2.0mm radius inside curve [G]
- [08] TBN 4 ½ Bullnose bit. 3.5mm radius inside curve [G]
- [09] T 506 B ½ Round over bit
- [10] T 416 ½ Core box bit
- [11] T 912 B ½ Chamfer bit, 45° 30mm dia [G]

BOX MAKER'S ROUTER

TABLE \$635 [save \$55]

The box maker's router table is a purpose-built table for general box making and small joinery work. The table is designed to be used with the Gifkins jig and the Triton router.

The table design incorporates the best features of other tables on the market today. We use superior materials, and, of course, the table is made to the same exacting standards as the jig itself.

Specifications: Suits all cutters up to 32mm dia and larger diameter 'above table' cutters [e.g. slot cutters]. The table top is solid 13mm compact laminate 500mm x 900mm; table height 900mm, pre-drilled for the 2400watt Triton router. Table frame: Red or Blue 18mm MR Melamine with rubber edge banding and four adjustable feet.



The two flat-packed boxes, contains: six table pieces, one straight fence, two hold-down knobs and hardware to construct the table; and, of course, assembly instructions. Table top and frame are both available for sale separately.



TRITON ROUTER [see our website for price]

The Triton® router—TRA 001 AU 2400 watt, 3.25 hp

We use and recommend the Triton router. It has features that make it quicker, easier and safer to use than most other table-mounted routers:

- A quick height adjustment as well as a fine height adjustment.
- The capacity to raise the chuck above the table for easy cutter changes. The spindle locks automatically when raised, allowing one-spanner, above-table operation.
- The router uses cutters with $\frac{1}{4}$ " to $\frac{1}{2}$ " shanks .

BOXMAKING ACCESSORIES

BESSEY KLIKLAMP \$48

The clamp we use with the Gifkins jig! The clamp is light weight, and will secure any sized work onto the jig. It has a single action release operation. **Easy on! Easy off!** Purchase the custom-made clamp holders for the perfect partnership...

It's a great safety combination in all workshops:

CLAMP HOLDERS \$18 PAIR

The Gifkins clamp holders are designed to hold the Bessey *Kliklamp* on the jig at a safe height above the cutter. Each clamp holder fits under the knob on top of the sliding stop.



REDUCING COLLET \$35

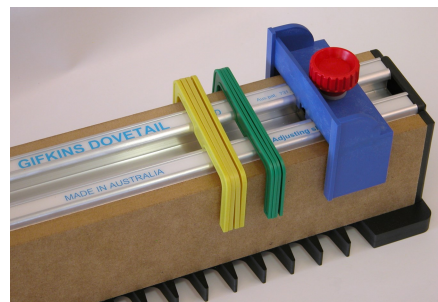
The Gifkins reducing collet [$\frac{1}{2}$ " to $\frac{1}{4}$ "] is made to fit most routers. It has design features that are a great improvement on other reducers:

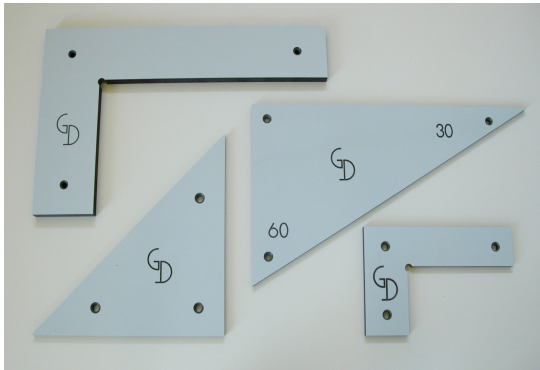
[1] 32mm long body, [2] eight slots offset around the body, to ensure a more secure hold on the cutter; and [3] a flange around the top of the collet. The flange makes it easier to remove the collet from the router chuck and ensures that it won't drop down inside the router. The cutter will always be held at the optimum height.

VARIABLE JOINT SPACERS [VJS] \$25

Now you can cut variable sized dovetails with your fixed space templates! With the variable joint spacers, you can adjust the layout of joints to fit the width of your stock. You can achieve a symmetrical layout of any width stock—and still have a half pin top and bottom.

The pack contains 4 x 2mm green spacers and 4 x 3mm yellow spacers. Instructions on how to use the spacers are in the jig instruction manual, on the website and the dovetail demonstration DVD.





SET BOX MAKING SQUARES **\$86**

[\$106 a set, save \$20]

The Gifkins Dovetail squares are specially designed by us to assist the box maker and small joinery enthusiast. To ensure accuracy, each square is machined from compact laminate using a five-step process on a CNC router.

Each square is guaranteed square $\pm 0.05\text{mm}$.

Small square **\$22** 45° square **\$26**

Big square **\$32** 60°/30° square **\$26**

PLAN BOOKS AND DVDs

DOVETAIL DEMONSTRATION DVD **\$20**

JIG INSTRUCTION MANUAL **\$20**

This DVD is a must for the enthusiast that wants to get the most out of their jig from Day One! The DVD has 15 chapters of comprehensive information to complement your jig instruction booklet.

Features include how to...

- set up and adjust the jig; cut a trial joint
- cut four joints for a box, covering different design situations
- use the variable joint spacer (VJS) to vary the width of dovetails, and
- work with large pieces; mix timber thicknesses, and much more.



FINGER JOINT DEMONSTRATION DVD **\$15**

The finger joint demonstration DVD is the ideal tutorial to equip you with the right information to cut accurate finger joints. The emphasis is on absolute square, even thickness material and on the complete clean-out of each finger.

Chapters include how to:

- set up and adjust the jig, and the concept of cutting finger joints
- cut a trial joint, and how to use the various sized sleeves
- cut four joints for a box, and change templates.

DVD—SLIDING LID BOX \$20

The DVD shows the step-by-step detail construction technique for a simple box with a sliding lid. This project is an ideal starting point for the enthusiast who is new to small joinery. These techniques are easily applied to other projects: Simple carcass construction, cutting trenches for the base and the sliding lid, making a frame-and-panel lid, and, cutting feet around the base of the box.



DVD—LOOSE LIDDED BOX \$25

The DVD is the companion to *Plan book 2, Dovetailed boxes*, describing how to make a loose lidded box. It shows the construction details from start to finish.

PLAN BOOK—SPECIAL JEWELLERY BOX \$25

Special jewellery box plans describe the jewellery box shown in the photo to the right. This box features a dovetailed carcass which is split in half to form the lid. The top is a mitred frame with a floating panel, which is glued to the top half of the dovetailed carcass. The box has concealed barrel hinges, internal sleeves to locate the lid, and a set of sleeves to support a lift-out tray. This box design is easily adapted to suit a range of uses; for example, medals, watches, documents and collections.

DVD—SPECIAL JEWELLERY BOX \$25

This DVD is an important companion to *Plan book 3*, showing in superb detail the construction of the special jewellery box. It is 2 hours, 30 minutes full of helpful tips, maintenance advice and safety information. With the plans, DVD and a set of box making cutters, you will acquire the skills to complete this beautiful jewellery box. Once completed—your imagination will do the rest!



PLAN BOOK—DOVETAILED BOXES \$25

The *Dovetailed boxes* plans provide an overview of six different styles of boxes—from the simple desktop box—to jewellery and trinket boxes and a blanket box. The projects all have cutting lists with dimensions, so they can be scaled up or down to suit your requirements. With a Gifkins dovetail jig, the Ultimate cutter kit and the 'Dovetailed boxes' book—you will expand your box making knowledge to start making a variety of interesting boxes.



WE SELL JIG AND BOX MAKING SPARE PARTS
For full details, see our website: www.gifkins.com.au

BOX MAKING COURSES BY COL HOSIE

Col conducts box making classes for enthusiasts, who want to refine their foundation skills, through to box makers with some experience, who want to be challenged by advanced techniques.

Col will tailor a course to suit your learning needs, ensuring you come away with a wealth of knowledge and new box making experiences. We place a strong emphasis on safety in the workshop and on participants enjoying the process of learning new skills. We limit each class to two students, so you will have Col's full attention.

Course fee per day: See our website for details Each participant is provided with the material for two boxes : prepared timber for one box and one raw fitted box to use during the course.	Duration: 9.00am to 4.00pm, with breaks for morning tea and lunch [included].
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Three courses are available: [1] Introduction to box making, [2] Building on your box making skills, and [3] Advanced box making techniques.

Each course has its own set of skills to learn. For example, the Desktop box featured in course 1, has expanded dovetail joints where the lid is cut away from the base, internal sleeves to 'nest' the lid and raised feet. In each course, you will take home two quality dovetailed boxes. Due to time constraints, you may need to apply the finishing touches to the boxes when you get home. See our website for details of each course.

The course is conducted in our box making workshop in Coffs Harbour, NSW. Accommodation is plentiful, from budget through to resort style.

The course date is flexible and open to negotiation. Col: 0411 283 802 / office: 02 6651 9513

THE BOXES MADE IN EACH COURSE

[1] **Introduction to box making:** two Desktop boxes

[2] **Building on your box making skills:** a Desktop box and a Trinket box

[3] **Advanced box making techniques:** a Trinket box and a Special jewellery box.

Desktop box



Trinket box



Special jewellery box



Gifkins Dovetail jig inservice for organisations

Col Hosie is a former industrial arts teacher with over 30 years experience in teaching and curriculum development, for both college students and adults.

He will tailor a course to suit your organisation's desired learning outcomes, ensuring your participants come away with a wealth of knowledge and new box making experiences.

Call any time to discuss the length and content of a jig inservice or a box making course.

Choose which format is appropriate for your organisation:

[1] One-day Gifkins seminar

A demonstration and information session with Col using the Gifkins jig to make a box. As there is no 'hands-on' audience participation, this format suits a larger group.

Numbers: open / **Course fee:** see our website for details.

Duration: 9.00am—4.00pm with breaks for morning tea and lunch.

[2] A one-day demonstration and participation workshop

A session where participants work alongside Col as he demonstrates each process in making a small box. The format suits a maximum of four participants.

Each participant is provided with material for two desktop boxes: prepared timber for one box, and one raw fitted box to use during the workshop. Some equipment may be supplied, depending on the course requirements and set-up of your workshop.

Numbers: up to four participants / **Course fee:** see our website for details.

There is an additional fee for materials.

Duration: 9.00am—4.00pm with breaks for morning tea and lunch.

[3] A Gifkins box making course in Coffs Harbour

Another viable option is to attend a box making course in our workshop in Coffs Harbour, NSW.

The advantages are:

- You can negotiate a course date that suits your work schedule,
- choose the course length to suit your needs, and
- enjoy uninterrupted course time with Col in the purpose-built box making classroom.

See page 10; for more details see our website page: '*Box making courses by Col Hosie*'

Numbers: up to two participants / **Course fee:** see our website for details

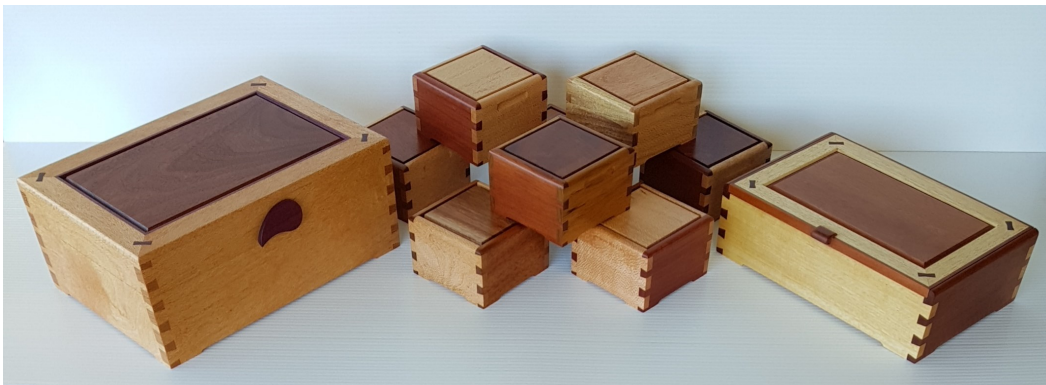
Duration: 9.00am—4.00pm with breaks for morning tea and lunch [provided].

Fine boxes by Col Hosie



Col Hosie box maker, is an accomplished teacher with many years of experience in wood turning, small joinery and furniture building. Col's boxes are beautiful...in the quality of timbers used, the deceptively simple designs, and the high standard of finishing. Each box is custom-made, using Australian timbers, with features that complement the design of the box. Several notable galleries sell Col's boxes. They are also available through our website.

www.gifkins.com.au



CUSTOMER SERVICE

Our aim is to provide our customers with our quality, Australian-made products, friendly service and professional advice. Each year we attend city timber shows, regional expos and wood festivals. We conduct box making seminars at woodworking groups, schools and colleges. We also conduct box making courses in our workshop in Coffs Harbour NSW.

We look forward to meeting long-time Gifkins Dovetail enthusiasts, and introducing newcomers to the pleasure of box making and small furniture joinery.

See '**News & events**' on our website frontpage, for the dates of events we attend throughout the year.

Col Hosie Woodturner Pty Ltd
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[m] 0411 283 802



Contact us...

Any questions or comments? We're happy to chat to you any time about the Gifkins products, in particular, and box making in general. We can also take your order over the phone.

See our website: www.gifkins.com.au to view our jig demonstration. Also Google 'Gifkins' for YouTube demo. [We reserve the right to alter prices without notice, 15Jan19]



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