

DC400 DOVETAIL CENTRE

Patent No. US6,032,706. International Patent Applied For

Multi-functional dovetail jig for variable pitch lapped or through dovetails. For use with medium to heavy duty routers.

Our DC400 dovetail centre is the breakthrough you have been waiting for. It is the world's first variable layout dovetail jig that is completely free of adjustment. You can change from through dovetails to lapped dovetails, adjust the pin and tail guide finger positions, change work-piece thickness all without adjustment.

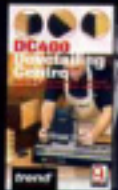
Now you can have the professional look of hand cut dovetails without the hassles of a complicated jig.

DC400 _____ **£250.00**

Video manual available

See page 195 for full details.

TV/9 _____ **£10.00**



Specification:

Rating	Craftsman/Professional
Dovetail size	Variable
Workpiece width max.	400mm
Workpiece thickness - through	19mm
Workpiece thickness - lapped	25mm
Guide bush size	11.5mm

Full Router Support

Two guide rails provide full support for your router base, so you do not have to balance your router on the edge of a row of guide fingers as per conventional jigs.



Router and fine height adjuster not included.



Accuracy and Repeatability

Carbon fibre finger guides click directly into the rear guide rail, engaging in an index strip at increments of 2.5mm. This guarantees true repeatability and means you can restore or reposition guide fingers with absolute accuracy.



Click-in Guide Fingers

There are three types of pin guide; angled pin guides for cutting through dovetail pins are available in five different angles from 7 up to 20 degrees. Common fork-shaped tail guides for cutting through and lapped tails; and the straight sided pin guides for cutting lapped pins.



Visibility and Dust Extraction

Fully enclosed body with a removable window ensures routed waste is directed away from the operator and provides good visibility. The optional snap-in waste collection kit will also remove almost 100% of the waste.



Secure Clamping

Clamping channels with two independent parallel clamping bars require only a single hand to operate, enabling the free hand to position the work-piece. The clamping bars and integral side fences are positioned close to the machining area, to ensure total security.

DC400 DOVETAIL CENTRE CONTINUED

Unique Click-in Guide Fingers:

Through Dovetails

Use Angled Pin Guides to cut 'Pin' pieces with the straight cutter. The choice of Pin Guide Angle is dictated by the thickness of the pin piece.



Use Common Tail Guides to cut 'Tail' pieces with the dovetail cutter.



Lapped Dovetails


Use Lapped Pin Guides to cut 'Pin' pieces with the dovetail cutter.





Use Common Tail Guides to cut 'Tail' pieces with the dovetail cutter.



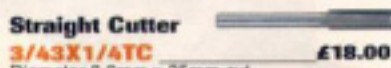
DC400 Includes:

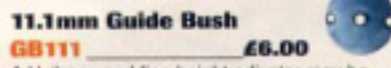
 **10 x Common Tail Guides**

 **10 x Lapped Pin Guides**
Max. material thickness 25mm.

 **10 x 7° Angled Pin Guides**
Max. material thickness 19mm.

 **7° Dovetail Cutter**
31/30X1/4TC £19.00
Diameter 11.3mm x 19mm cut x 97°.

 **Straight Cutter**
3/43X1/4TC £18.00
Diameter 8.0mm x 25mm cut.

 **11.1mm Guide Bush**
GB111 £6.00
A Unibase and fine height adjuster may be required for certain makes & models of router.

 **Lapped Tail Pin Stops**
A handed pair of adjustable tail pin stops for rapid repeatability of lapped dovetails.

DC400/10* £14.00

Replacement Parts:

7° Angled Pin Guides
DC400/P/07 (pack of 5) £19.00
Max. material thickness 19mm.

Common Tail Guides
DC400/03 (pack of 5) £19.00

Lapped Pin Guides
DC400/04 (pack of 5) £19.00
Max. material thickness 25mm.



Compatibility
See pages 138-139 or go to www.trend-uk.com/compatibility

Through Dovetails Cutter Choice:

Pin Piece Thickness	Dovetail Cutters				
	19mm 7°	16mm 9°	12.7mm 11°	9.5mm 14°	6.35mm 20°
Product Ref.	31/30	31/31	31/32	31/33	31/34
6.35mm min.	OK	OK	OK	OK	Select
9.5mm	OK	OK	OK	Best	-
12.7mm	OK	OK	Best	-	-
16mm	OK	Best	-	-	-
19mm	Best	-	-	-	-

Lapped Dovetails Cutter Choice:

Drawer Front Thickness Range	Depth x Angle	Suggested Cutter Product Ref.
25mm max.	19mm x 7°	31/30
19 - 25mm	16mm x 9°	31/31
15.8 - 22mm	12.7mm x 11°	31/32
12.7 - 19mm	9.5mm x 14°	31/33
9.5 - 15.8mm	6.3mm x 20°	31/34

Optional Accessories:

Angled Pin Guides
Each pin size requires appropriate dovetail cutter (see right)

 **9° DC400/P/09** (pack of 5) £19.00
Max. material thickness 6.4mm-15.9mm.

 **11° DC400/P/11** (pack of 5) £19.00
Max. material thickness 6.4mm-12.7mm.

 **14° DC400/P/14** (pack of 5) £19.00
Max. material thickness 6.4mm-9.5mm.

 **20° DC400/P/20** (pack of 5) £19.00
Max. material thickness 6.4mm.

Tail Guide Spacer

Can be cut down to act as a packing piece for wider spaced dovetails. 210mm long.

DC400/05 £14.00

Set of Seven Cutters

SET/DC1X1/4TC £99.00
SET/DC1X8MMTC £99.00
Comprises: cutter refs. 31/30, 31/31, 31/32, 31/33, 31/34 and two 3/43.



Dovetail Cutters

 **9° 31/31X1/4TC** £19.00
Diameter 11.3mm x 15.8mm cut x 99°.

 **11° 31/32X1/4TC** £19.00
Diameter 11.3mm x 12.7mm cut x 101°.

 **14° 31/33X1/4TC** £18.00
Diameter 11.3mm x 9.5mm cut x 104°.

 **20° 31/34X1/4TC** £18.00
Diameter 11.3mm x 6.3mm cut x 110°.

Straight Cutters for looser or tighter tails

 **3/42X1/4TC** £18.00
Diameter 7.9mm x 25mm cut.

 **3/44X1/4TC** £18.00
Diameter 8.1mm x 25mm cut.

For Box or Comb Joints

 **3/45X1/4TC** £18.00
Diameter 8.9mm x 25mm cut.

Waste Collector Kit

 **DC400/01** £33.00
Dust spout size 25.4mm & 57mmØ.

Accessory Kit

Comprises: Waste collector set, cable support, 9 off angled pin guides for 9°, 11°, 14° and 20° dovetails, 7 piece cutter set (SET/DC1), tail guide spacer & pair of adjustable tail pin stops.

DC400/02 (1/4" shank) £209.50

DC400/02X8MM (8mm shank) £209.50

DC400 Video

Instructional video 22 minutes. VHS.

TV/9 £10.00



Universal Sub-Base

Certain makes & models of router will require a Unibase to accept the guide bushes.

UNIBASE £13.50

CDJ300 & 600 DOVETAIL JIGS

Two accurate and easy to use Dovetail Jigs for a variety of elegant joints.

- Two sizes 300mm (12") and 600mm (24").
- Cuts 1/2" wide half blind dovetails or rebated dovetails in one operation.
- Precision made laser cut zinc plated steel template with packing piece.
- Adjustable offset stops for 600mm jig.
- A Unibase and fine height adjuster may be required for certain makes of router.
- A range of accessory templates are available for box joint, dowel and through dovetails for both jigs.

CDJ300 _____ **£74.00**
CDJ600 _____ **£126.00**



Router and fine height adjuster not included.



Includes:

- 1 x 1/4" Shank TCT 104° Dovetail Cutter
- 1 x 15.8mm Guide Bush

Replacement Parts:

Replacement Dovetail Cutter



Diameter 12.7mm x 104°

C041AX1/4TC **£12.00**

Replacement Guide Bush

Diameter 15.8mm



GB158 **£6.00**

Specification:

Rating	Craftsman
Dovetail size	12.7mm
Workpiece thickness min.	12mm
Workpiece thickness max.	25mm
CDJ300 workpiece width max.	300mm
CDJ600 workpiece width max.	600mm
Guide bush size	15.8mm
Router base dia. max.	180mm

Optional Accessories:



Lapped Dovetail

M	T	6.35mm
Min.		8mm
Max.		12mm



Lapped Dovetail Templates

CDJ300/01 _____ **£33.00**
CDJ600/01 _____ **£38.50**

Cutter

C154X1/4TC _____ **£12.00**
 Diameter 6.0mm x 98°



Universal Sub-Base

Certain makes & models of routers will require a Unibase to accept the guide bushes.

UNIBASE _____ **£13.50**



Box Joint

M	T	8mm	12.7mm
Min.		8mm	8mm
Max.		15mm	20mm



Box Joint Templates

CDJ300/03 (8mm) _____ **£33.00**
CDJ600/03 (8mm) _____ **£38.50**
CDJ300/02 (12.7mm) _____ **£33.00**
CDJ600/02 (12.7mm) _____ **£38.50**

Cutter for 8mm Template

C012AX1/4TC _____ **£9.00**
 Diameter 8.0mm x 25mm cut

Cutter for 12.7mm Template

C021AX1/4TC _____ **£10.50**
 Diameter 12.55mm x 25mm cut

32mm Centre Dowelling



M	T	32mm centres
Min.		N/A
Max.		25mm



Dowel Templates

CDJ300/04 _____ **£55.00**
CDJ600/04 _____ **£66.00**

Suggested Router Dowel Drills

C174X1/4TC _____ **£11.00**
 Diameter 5.0mm x 35mm cut

C175X1/4TC _____ **£12.00**
 Diameter 6.0mm x 35mm cut

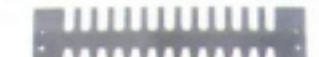
C176X1/4TC _____ **£13.00**
 Diameter 8.0mm x 35mm cut

C177X1/4TC _____ **£14.00**
 Diameter 10.0mm x 35mm cut



Through Dovetail

M	T	12.7mm	19mm
Min.		8mm	17mm
Max.		17mm	25mm



Through Dovetail Templates

Templates are dual sided for Pin & Tail. Two cutters are required for each template. (Straight & Dovetail)

CDJ300/05 (12.7mm) _____ **£55.00**
CDJ600/05 (12.7mm) _____ **£66.00**
CDJ600/06 (19.0mm) _____ **£66.00**

Cutters for 12.7mm Template

C178X1/4TC _____ **£13.00**
 98° Dovetail cutter

C012AX1/4TC _____ **£9.00**
 Straight cutter 8.0mm diameter

Cutters for 19.1mm Template

C179 _____ **£18.00**
 97° Dovetail cutter 8mm or 1/2" shank.

C021 _____ **£11.00**
 Straight cutter 12.7mm dia. 8mm or 1/2" shank.

- Guide bushes and edge stops included where applicable.
- ▲ For heavy duty routers only
- T Template size
- M Material thickness