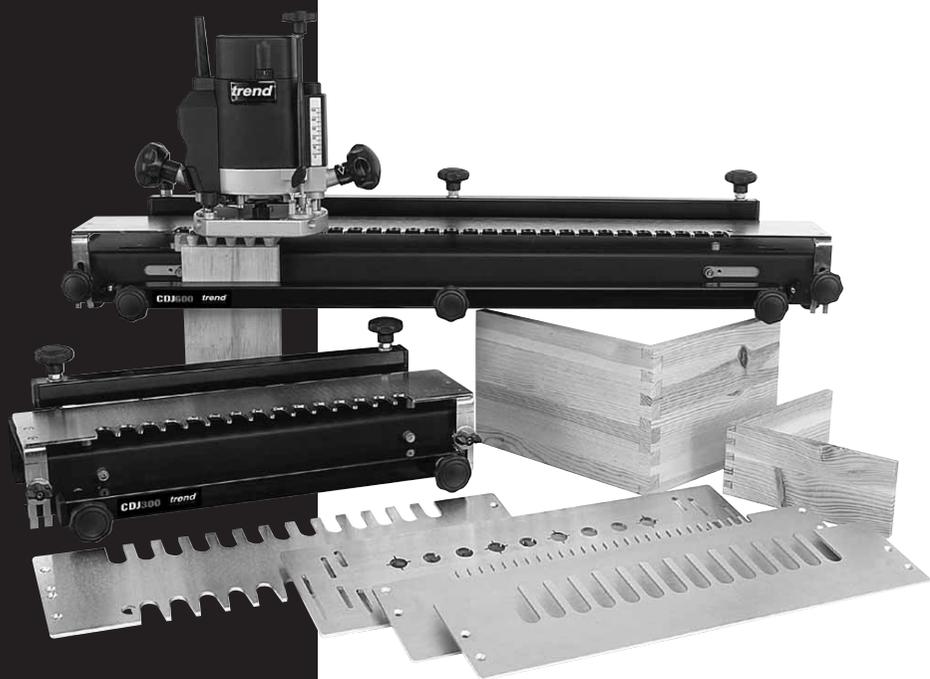


CDJ300 & CDJ600

USA



trend[®]
routing technology

Dear Customer

Thank you for purchasing this Trend product, we hope you enjoy many years of creative and productive use.

Please remember to return your guarantee card within 28 days of purchase.

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TECHNICAL DATA

Dovetail size	1/2"
Max. workpiece width:	
CDJ300	12"
CDJ600	24"
Workpiece thickness	1/2" - 1"
Guide bush size	5/8"
Weight:	
CDJ300	13.6lbs
CDJ600	24.9lbs
Max. router base dia.	7-3/32"

The following symbols are used throughout this manual:



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.



Refer to the instruction manual of your power tool.

For Technical Support

Email: technical@trend-usa.com



Caution

Carefully read through this entire instruction Manual and the entire router Operator's Manual before using your new Dovetail jig. Pay close attention to the Safety section and the Safety Symbols. If you use your jig properly and only for what it is intended, you will enjoy years of safe, reliable service.



The operation of any router can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eye glasses or standard safety glasses with side shields. Always wear eye protection.

SAFETY

Observe the safety regulations in the instruction manual of the Power Tool to be used or connected to this attachment. Also observe any applicable additional safety rules. Read the following safety instructions before attempting to operate this product.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.**General**

- Disconnect power tool, when not in use. Before servicing and when changing accessories such as drill bits & router bits. Disconnect power tool and attachment from power supply. Ensure the machine is switched off before plugging tool in or connecting to a power supply.
- Always mount the power tool, accessory or attachment in conformity with the present instructions.
- Keep children and visitors away. Do not let children or visitors touch the tool, accessory or attachment. Keep children and visitors away from work area.
- Make the workshop child proof with padlock and master switch.
- Dress properly. Do not wear loose clothing or jewellery, they can be caught in moving parts. Rubber gloves and non-skid footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- Consider working environment. Do not use the product in the rain or in a damp environment. Keep work area well lit. Do not use power tools near gasoline or flammable liquids. Keep workshop at a comfortable temperature so your hands are not cold.
- The accessory or attachment must be kept level and stable at all times.
- Keep work area clean. Cluttered workshops and benches can cause injuries
- Use the attachment with the power tools and accessories specified in this manual only. Do not force the tool or attachment to do a job for which it is not designed.
- Secure idle tools. When not in use, tools should be stored in a dry and high or locked up place, out of reach of children.
- For best control and safety use both hands on the power tool and attachment. Keep both hands away from cutting area. Always wait for the spindle and bit to stop rotating before making any adjustments.
- Always keep guards in place and in good working order.
- Remove any nails, staples and other metal parts from the workpiece.
- Maintain tools and bits with care. Keep bits sharp and clean for better and safer performance. Do not use damaged bits. Follow instructions for lubricating and changing accessories. Keep handles dry, clean and free from oil and grease.
- Maintain accessories. Do not use damaged accessories. Only use accessories recommended by the manufacturer.
- Check damaged parts. Before operation inspect the attachment, the power tool, the cable, extension cable and the plug carefully for signs of damage. Check for alignment of moving parts, binding, breakage, mounting and any other conditions that may effect its operation. Have any damage repaired by an Authorised Service Agent before using the tool or accessory.
- Do not use tool if switch does not turn it on or off. Have defective switches repaired by an Authorised Service Agent.
- Don't over reach. Keep proper footing and balance at all times.
- Don't abuse the cable. Never carry power tool or accessory by cord or pull it to disconnect from the socket. Keep cord from heat, oil and sharp edges. Always trail the power cord away from the work area.
- Connect dust extraction equipment. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.
- Check all fixing and fastening nuts, bolts and screws before use to ensure they are tight and secure. Periodically check when machining over long periods.
- Stay alert. Watch what you are doing. Use common sense. Do not operate tools when you are tired, under the influence of drugs, alcohol or any medication.
- Personal Protective Equipment (PPE). All PPE must meet current legislation.
- Do not leave tools running unattended. Do not leave tool until it comes to a complete stop.
- Always clamp workpiece being machined securely.

Routing Safety

- Disconnect router power tool. When not in use, before servicing and when changing accessories such as bits, disconnect router and attachment from power supply.
- Ensure router bit has stopped rotating before changing it. Never use the spindle lock as a brake.
- Remove adjusting keys and wrenches. Form the habit of checking to see that keys and adjusting wrenches are removed from the router tool, bit and attachment before turning router on. Make sure bit can rotate freely.
- Check all ball bearing and blade fixing screws before use to ensure they are tight and secure. Periodically check when machining over long periods.
- When using a template guide bush ensure it cannot come into contact with collet and nut.
- Noise. Take appropriate measures for the protection of hearing if the sound pressure of 85dB(A) is exceeded. Routing sound pressure may exceed 85dB(A), so ear protection must be worn.
- Eye protection. Wear safety goggles, spectacles or visors to protect the eyes from ejected waste particles.
- Respiratory protection. Wear a face or dust mask, or powered respirator. Dust masks/filters should be changed regularly.
- Do not switch router on with the bit touching the workpiece.
- The direction of routing must always be opposite to the bits direction of rotation.
- After work, release the router plunge and allow spindle to stop rotating before putting machine down.
- Check before cutting that there are no obstructions in the path of the router. When cutting through the full thickness of the workpiece, ensure there are no obstacles beneath workpiece, and that a sacrificial work surface is used.

Additional Safety Rules For Router Bits

- Cutting tools are sharp. Care should be taken when handling them.
- Always use router bits with a shank diameter corresponding to the size of the collet installed in your tool.
- Always run router bits at the spindle speed recommended and marked accordingly. Ensure bit has reached correct speed before entering workpiece. Recommended speeds can be found on the packaging, in cutter instructions or in the Trend Routing Catalogue.
- Always use router bits in a router. Router bits must not be used in a drill. Drill and boring bits must not be used in a router. Router bits must only be used for the material cutting application for which they are designed. Do not use on metal or masonry.
- Never use router bits with a diameter exceeding the maximum diameter indicated in the technical data of the power tool or attachment used.
- Do not drop router bits or knock them against hard objects. Do not use router bits that are damaged.
- Router bits should be kept clean. Resin build up should be removed at regular intervals with Resin Cleaner[®]. The use of a dry lubricant (Trendicote[®] PTFE) will act as a preventative. Do not use PTFE spray on plastic parts.
- Router bit shanks should be inserted into the collet to the mark line on the shank. This ensures that at least $\frac{3}{4}$ of the shank length is held in the collet. Do not over-tighten the collet nut as this will score the shank and create a weakness and fracture point.
- Observe the correct assembly instructions in the router instruction manual for fitting the collet and nut. Observe the router power tool manual instructions on fitting bits correctly.
- It is advisable to periodically check the collet and collet nut. A worn, distorted or damaged collet can cause vibration and damage the shank, and should be replaced. Worn collet nuts should be replaced.
- Do not take deep cuts in one pass; take several shallow or light passes to reduce the side load applied to the router bit. Too deep a cut in one pass can stall the router.

- Very small diameter router bits must be handled and used with care.
- Always return router bit to its packaging after use.
- Should you experience excessive vibration during use stop immediately. Have the eccentricity of the router, router bit and clamping system checked.
- All fastening screws and nuts should be tightened using the appropriate wrench or key in accordance with the manufacturers instructions.
- When using arbor type multi-groover sets ensure that the groover cutting tips/wings are staggered at 90° to each other to reduce the cutting impact.
- Judge your feed rate by the sound of the motor. Feed the router at a constant feed rate. Too slow a feed rate will result in burning.
- Take many light passes rather than one deep cut to reduce the side load applied to both router and router bit.
- When using some attachments including a router table or dovetail jig, the use of a fine height adjuster is highly recommended.
- When using a template guide bush, ensure there is sufficient clearance between router bit tip and inside each of bush. Ensure router bit and guide bush are concentric.

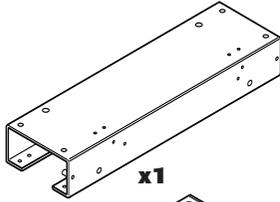
Using Routers In A Fixed Position

- After work, release the router plunge to protect the router bit.
- Always use a push-stick or push-block for last 12" of the cut.
- Whenever possible use a work holding device or jig to secure component being machined. Fit a splch block to the holding device or mitre fence to prevent break out on the timber.
- Ensure attachment is securely fitted to the workbench, with table surface at approximately hip height.
- Ensure a No-Volt Release Switch is fixed to or adjacent to the attachment and that it is used correctly.
- Check the feed direction of the workpiece is always opposite to the router bits direction of rotation. Ensure that, when using a router table, you stand to the front right hand side of the table (when viewed from the front) and feed from right to left. When using an overhead router, stand to the front left hand side (when viewed from the front) and feed left to right.
- Do not use awkward or uncomfortable hand positions.
- Do not reach underneath table or put your hands or fingers at any time in the cutting path while tool is connected to a power supply.
- Composite cutting tools (brazed tip) must be maintained by a competent person i.e. a person of training and experience, who has knowledge of the design requirements and understands the levels of safety to be achieved.
- The design of composite tools must not be changed in the process of maintenance.
- Replacement parts must meet Trend specification.
- Tolerances which ensure correct clamping by the collet shall be maintained.
- When re-grinding the tool, care must be taken not to cause weakening of the body or the connection between the cutting edge and the body.

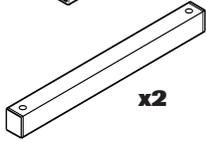
Router Bit Maintenance**Useful Advice When Routing**

- Trial cuts should be made on waste material before starting any project.

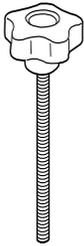
**ITEMS
ENCLOSED**



x1



x2



x4



x4



x4



x2



x2



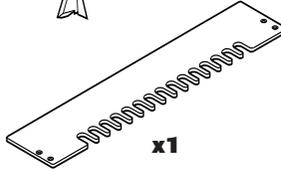
x2



x4



x1



x1



x4



x2



x4



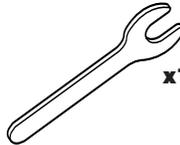
x4 silver



x1 2.5mm



x2



x1



x1



x4

For CDJ300 only

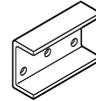


x1 4.0mm



x2 M6

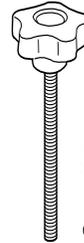
For CDJ600 only



x2



x2



**plus
x2**



x2



x2



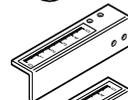
x2 M6



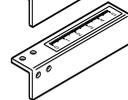
x2 M8



x1 5.0mm



x1



x1



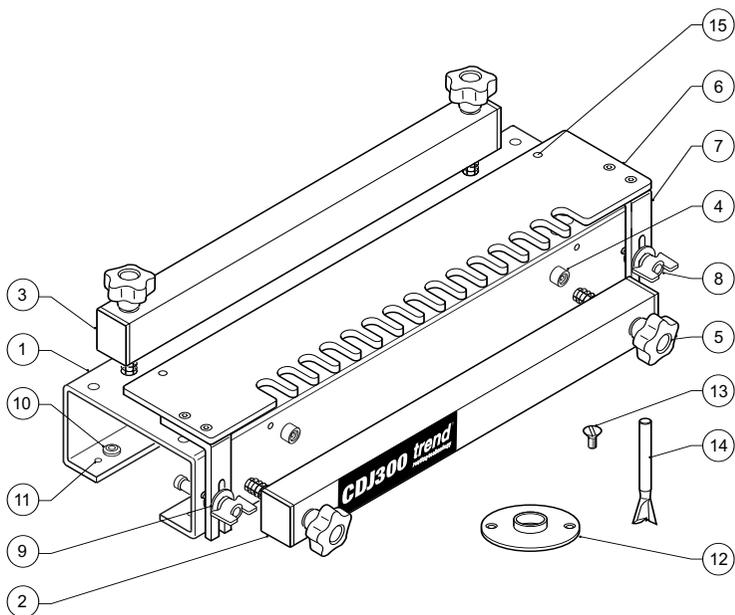
x1



x1

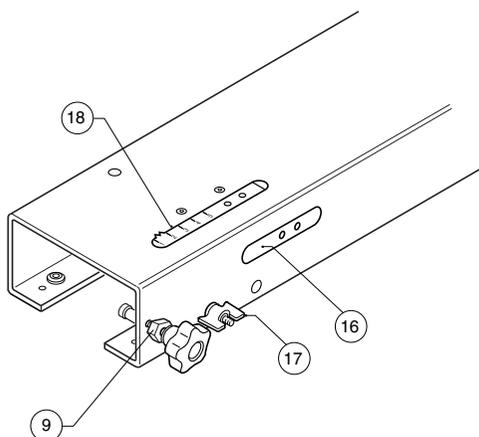
**DESCRIPTION
OF PARTS**

- ① Jig body
- ② Front clamp bar
- ③ Top clamp bar
- ④ Edge guide
- ⑤ Clamp bar knob
- ⑥ Template comb
- ⑦ Template comb bracket
- ⑧ Comb adjustment lock knob
- ⑨ Comb adjustment lock
- ⑩ Bench rubber feet
- ⑪ Bench fixing hole
- ⑫ Guide bush
5/8mmØ
- ⑬ Guide bush fixing
screw
- ⑭ Dovetail bit 104°
x 1/2" Ø
- ⑮ Edge guide and
screw storage
location

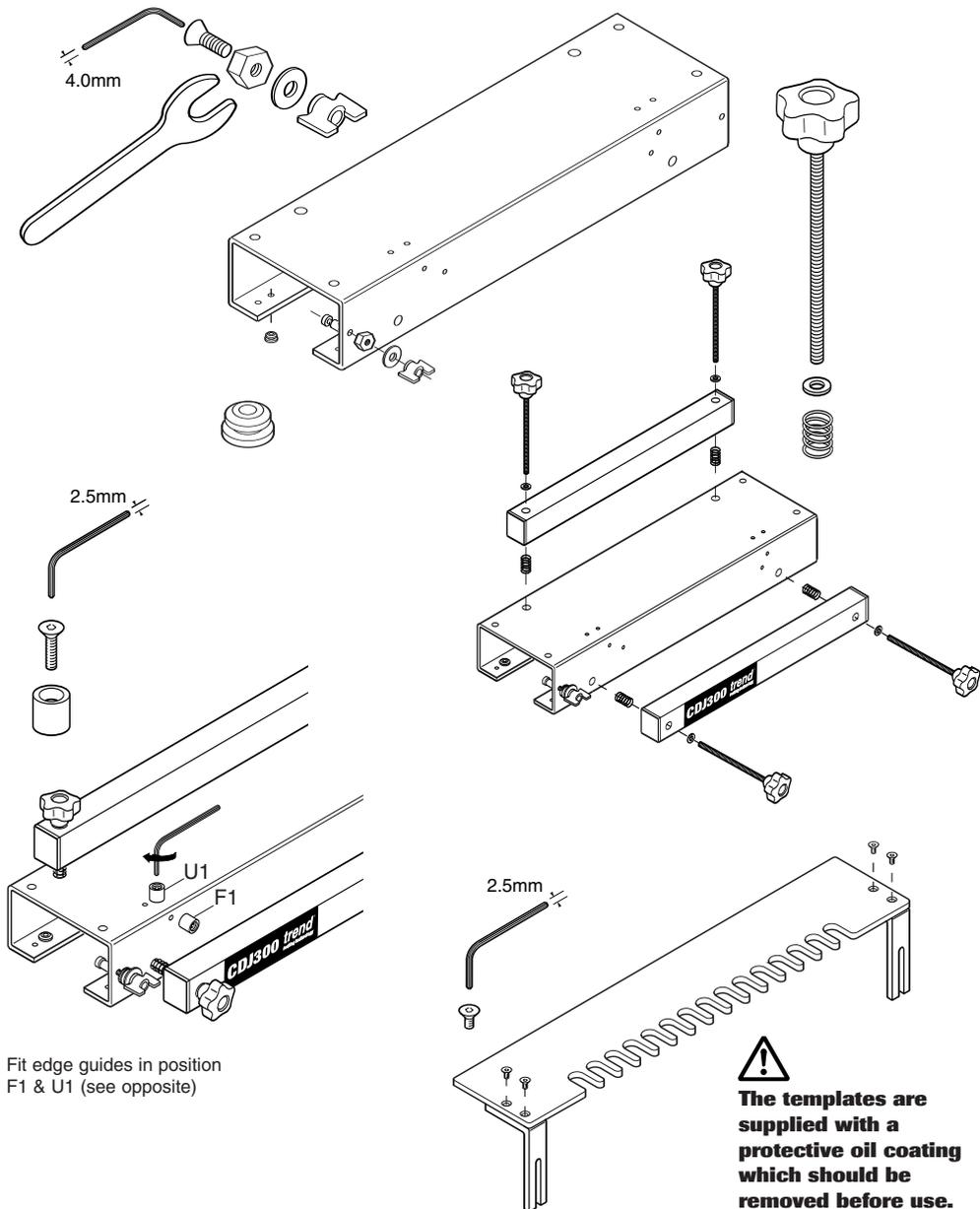


CDJ600

- ⑯ Sliding edge stop
- ⑰ Sliding edge stop
locking knob
- ⑱ Sliding edge stop
scale



ASSEMBLY
CDJ300



Fit edge guides in position
F1 & U1 (see opposite)

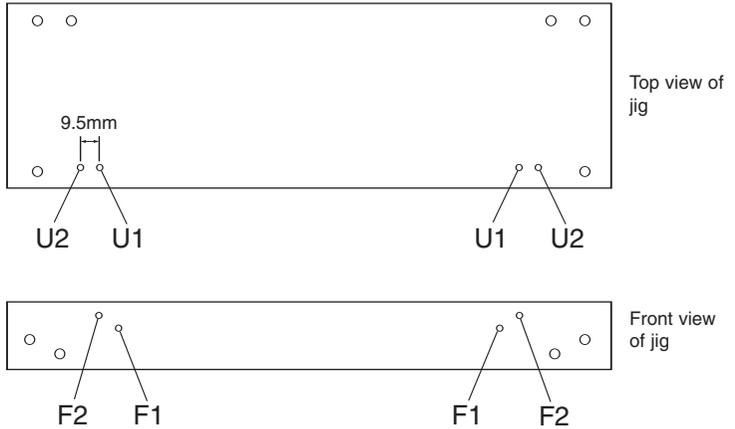


The templates are supplied with a protective oil coating which should be removed before use.

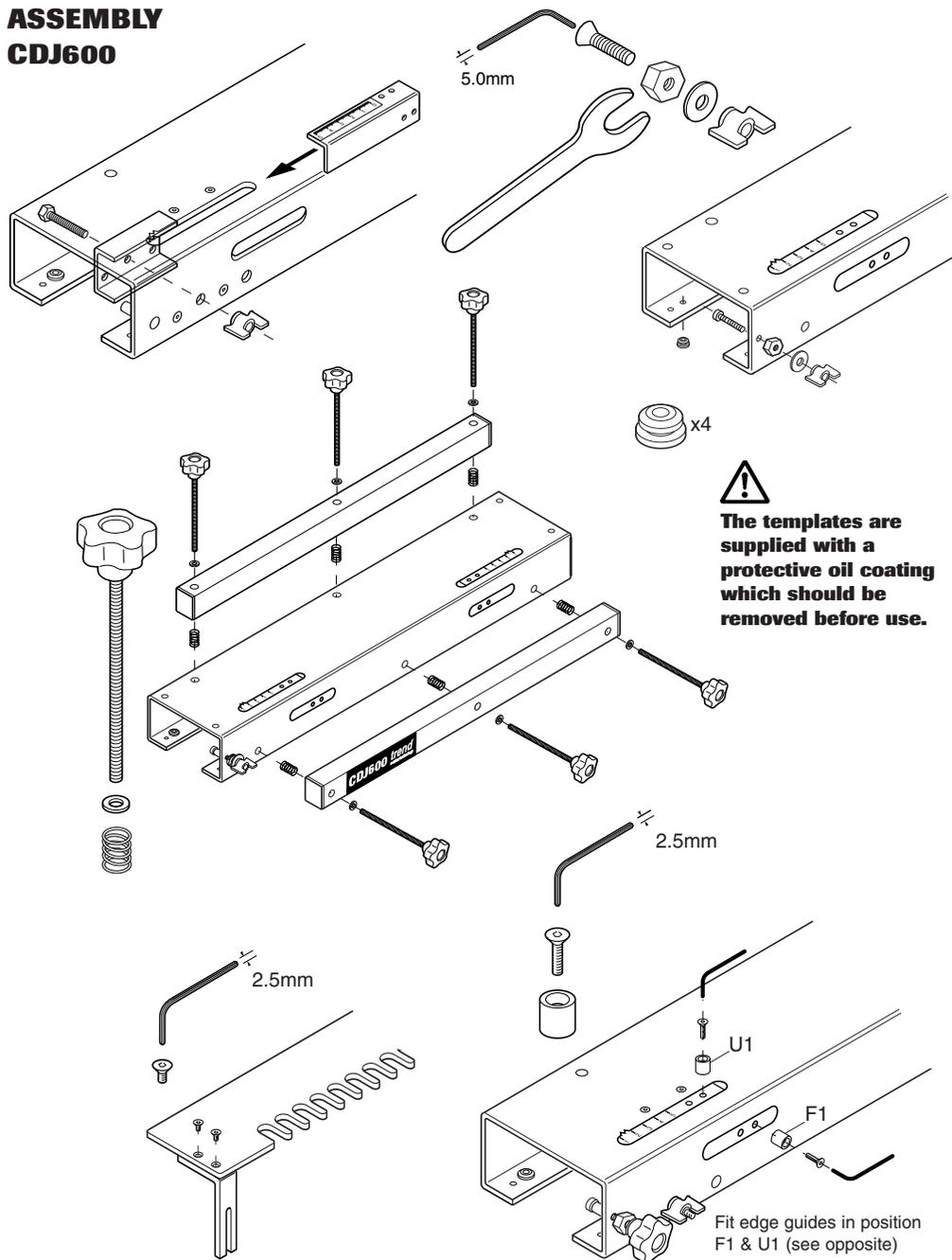
**CDJ300 Template
Edge Guide Holes**

The edge guides are used to position the workpiece within the jig. There are four holes in each jig. The CDJ300 has fixed edge guides, therefore these will dictate whether a whole or part pin will be cut on the workpiece. This is called the offset. User made spacers could be used to pack out from both edge guides to equal the joint and give symmetrical joint.

The distance between U1 and U2 is 9.5mm. This is for rebated drawer fronts.



**ASSEMBLY
CDJ600**

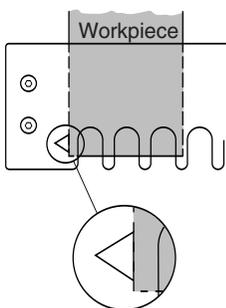
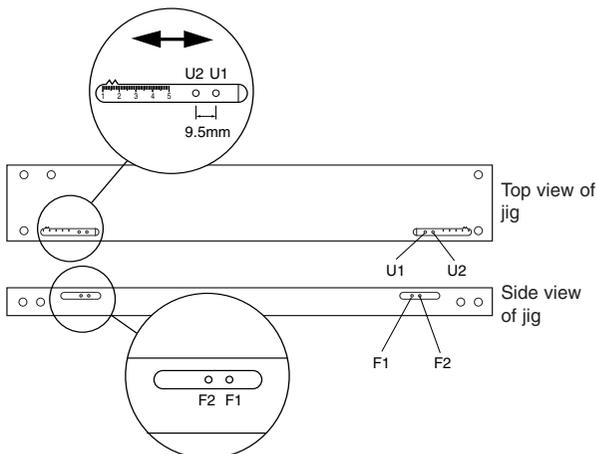


CDJ600 Sliding Edge Guide Stops Adjustment

The CDJ600 has sliding stops. This enables the workpiece to be centred, giving a symmetrical dovetail joint.

The sliding stop has a scale to allow a more precise offset to be calculated to ensure symmetrical joints.

- ① Loosen knob. Move sliding stop away from centre of jig
- ② Loosely fit workpiece under top clamp.
- ③ Fit comb assembly and tighten knobs
- ④ Move workpiece so that edge lines up with edge of sight hole on template - for lapped, dowel and through dovetails only. For other templates see appropriate section.
- ⑤ Lock top clamp bar knobs. Slide sliding stop towards edge of workpiece and lock in position with knob.
- ⑥ Repeat for other side.



CDJ600 Middle Clamp Bar Knobs

Middle clamp bar knobs are provided when using workpiece less than 305mm. This ensures workpiece is held securely.

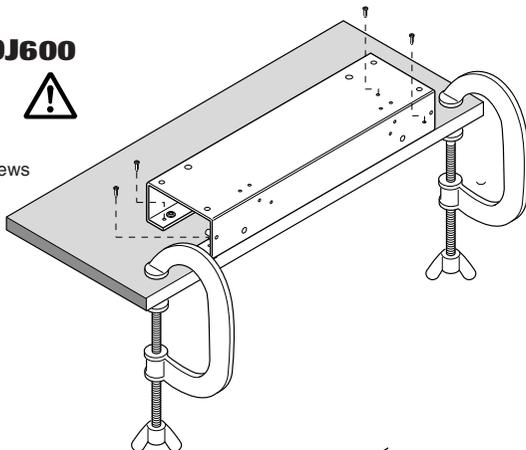
When using workpiece over 305mm wide the middle knobs must be removed.

CDJ300 & CDJ600

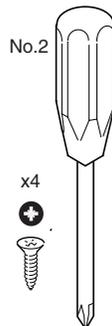
Mounting to Workboard



Fix the jig body to a workboard with the screws supplied.

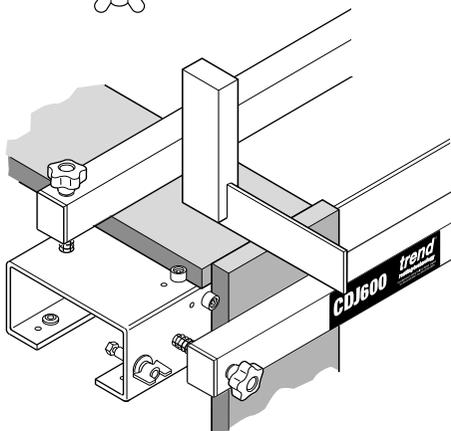


Requires:
No.2 Phillips
Screwdriver
(not supplied)



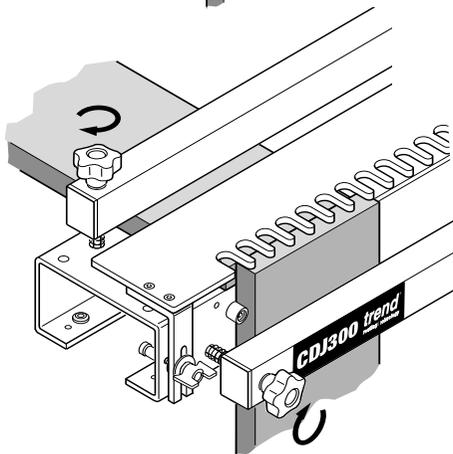
Aligning Workpieces

Ensure top of front workpiece is flush with back workpiece using a square.



Clamping Bars and Knobs

Do not overtighten clamping knobs. The clamping bar must be tightened parallel to the jig. If working to one side of jig it is advisable to release the opposite side clamping knob first.



All drawings show left hand edge guides being used. The same procedure is carried out for right hand edge guides.



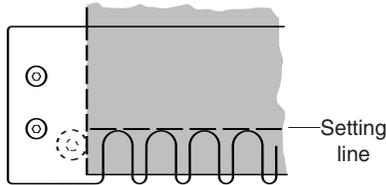
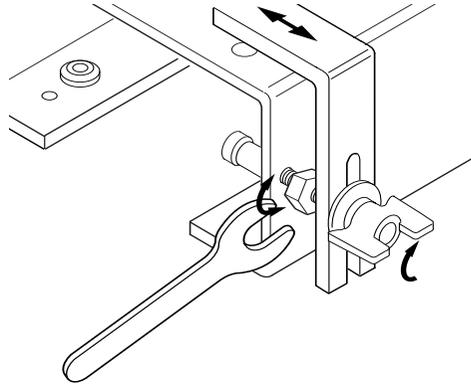
Please note that dimensions are approximate.



All cutter depths are as a guide only.

Template Comb Fitting and Adjustment

- ① To adjust depth of template comb and therefore pin socket, loosen adjustment stop using a hex key.
- ② Turn adjustment stop towards jig body for deeper sockets.
- ③ To set up the position for the template comb, a setting line is drawn on a workpiece. This is used to line up the back of the template comb.
- ④ One revolution equals approximately 3/64" movement.
- ⑤ Once set lock adjustment stop with hex key.
- ⑥ Ensure template comb is always parallel to workpiece.



A packing piece the same thickness as the timber being clamped in the top clamp should be used to support the template comb.

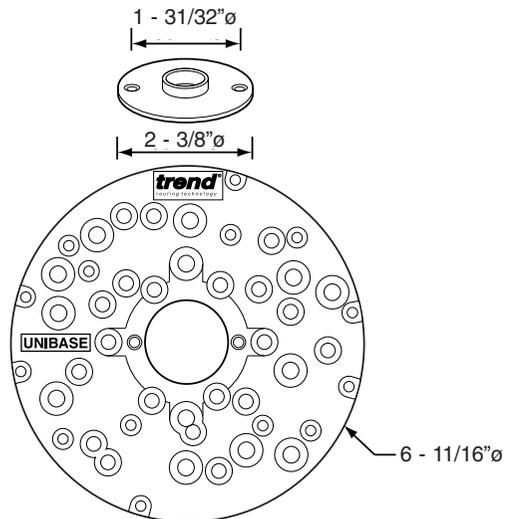
Guide Bushes

The bushes supplied with the jig and accessories are a standard Trend pattern. They will fit most Trend, Elu and DeWalt routers directly.

For other makes and model of router a sub-base may be required to allow the guide bush to be fitted. The UNIBASE has been designed for use with a variety of routers; it also ensures concentricity between cutter and guide bush ensuring accuracy.

For Trend T3 it is recommended that the UNIBASE is used to provide greater accuracy and support to the router base.

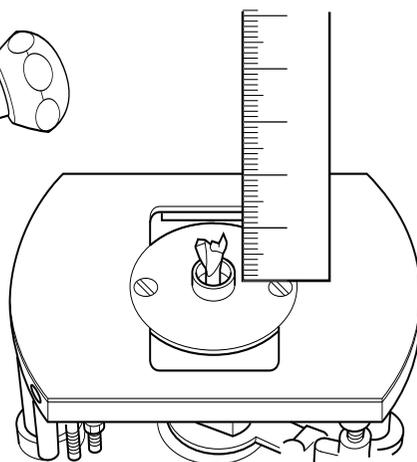
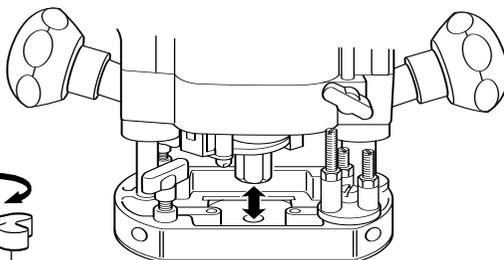
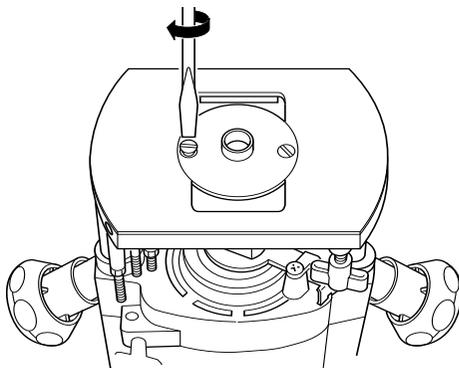
It also ensures that the guide bush spigot will project sufficiently from the router base, alternatively a longer spigot guide bush is supplied for certain template accessories.



Setting up the Router



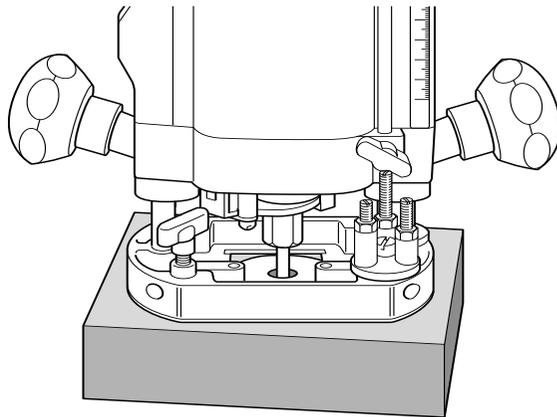
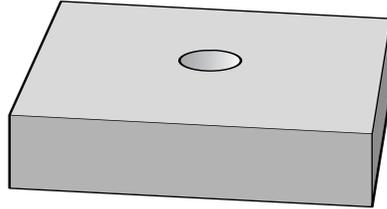
- ① Isolate router from power supply.
- ② Fit relevant guide bush to router. Refer to table in each appropriate section.
- ③ Fit fine height adjuster (if available) to router. (Not required for dowel jointing.)
- ④ Plunge the router so that the collet nearly touches guide bush to minimise protection of the cutter.
- ⑤ Fit router cutter into router.
- ⑥ Set cutter height. Refer to table in relevant sections.



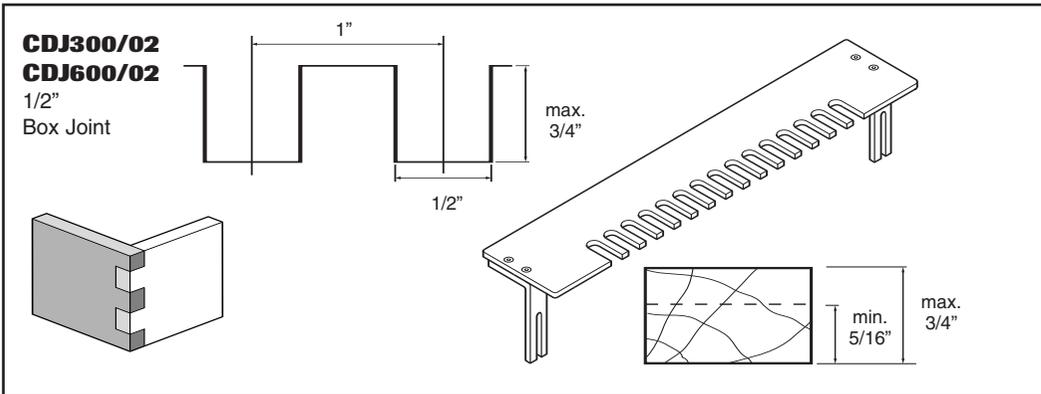
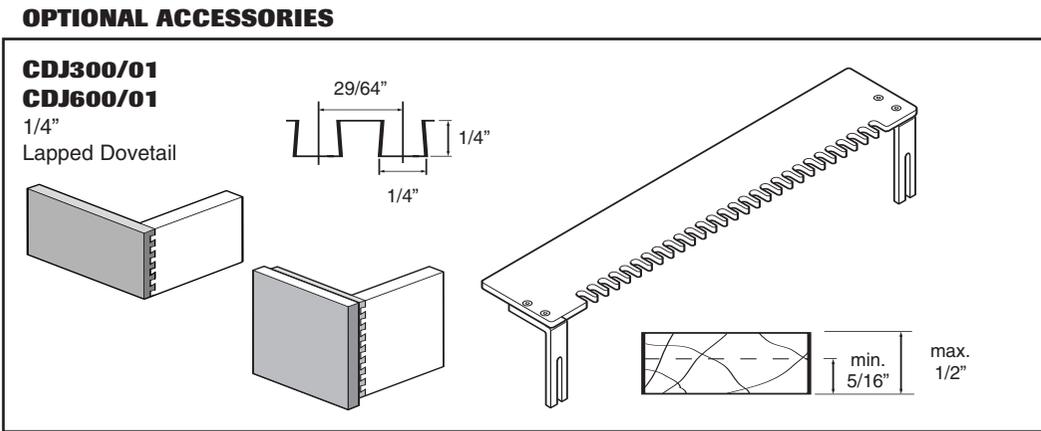
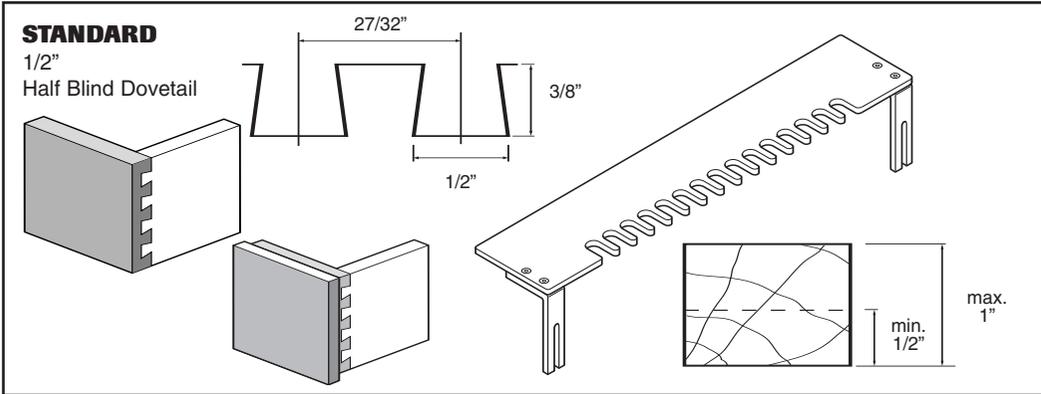
Making a Router Stand Block

As the cutter should not be retracted into the router when dovetailing, a useful aid is a Router Stand Block.

This is simply a piece of scrap timber with a hole large enough to take the protruding guide bush and cutter. This will allow the router to stand up safely between operations.



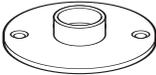
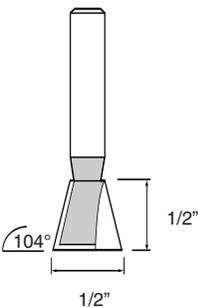
TEMPLATE SPECIFICATION



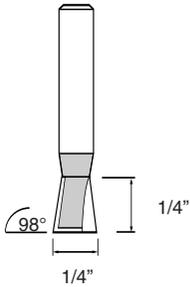
CDJ300

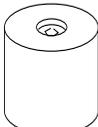
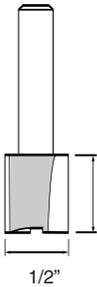
CDJ600

Cutters Required

<p>5/8"Ø x 15/64*  x1</p>	<p>10mmØ x 10mm  x2 Silver</p>	<p>10mmØ x 10mm  x2 Silver</p>	<p>C041A </p>
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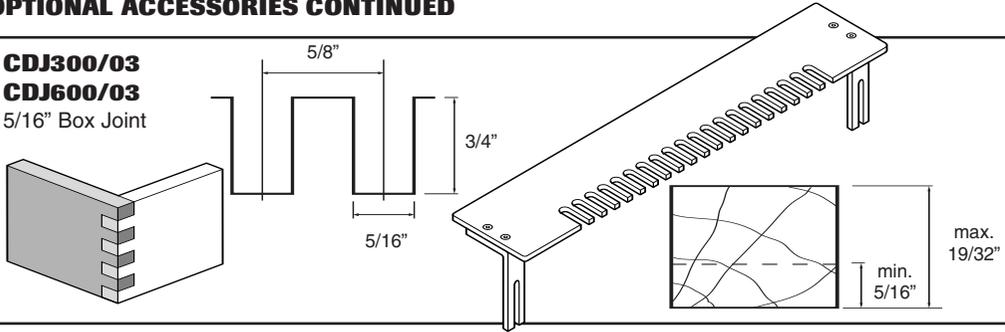
* This bush should also be used with the T3 (and similar routers) and accessories: 1/2" comb, 1-1/4" dowel and 1/2" through templates.

<p>5/16"Ø x 5/32"  x1</p>	<p>15.8mmØ x 6mm  x2 Green</p> <p>1-1/8"Ø x 5/32"  x2 Green</p>	<p>20.1mmØ x 10.5mm  x2 Green</p> <p>10mmØ x 10mm  x2 Silver (from CDJ600 x2)</p>	<p>C154 </p>
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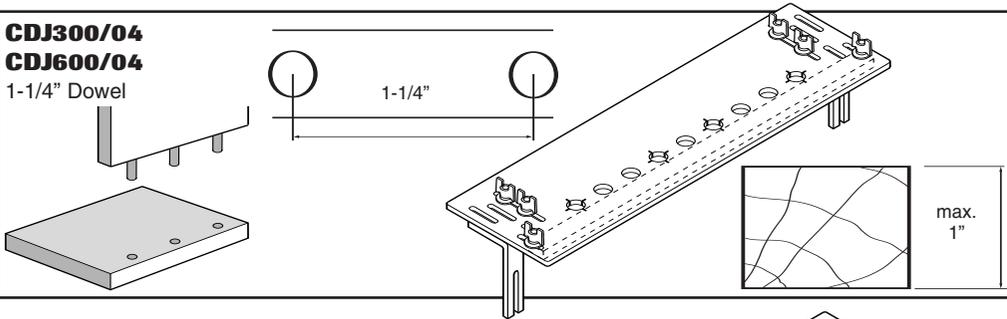
<p>5/8"Ø x 1/8"  x1</p>	<p>19.7mmØ x 6mm  x2 Red</p> <p>17.3mmØ x 31mm  x2 Red</p>	<p>11.3mmØ x 8.5mm  x2 Red</p> <p>11mmØ x 38mm  x2 Red</p>	<p>C021A </p>
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OPTIONAL ACCESSORIES CONTINUED

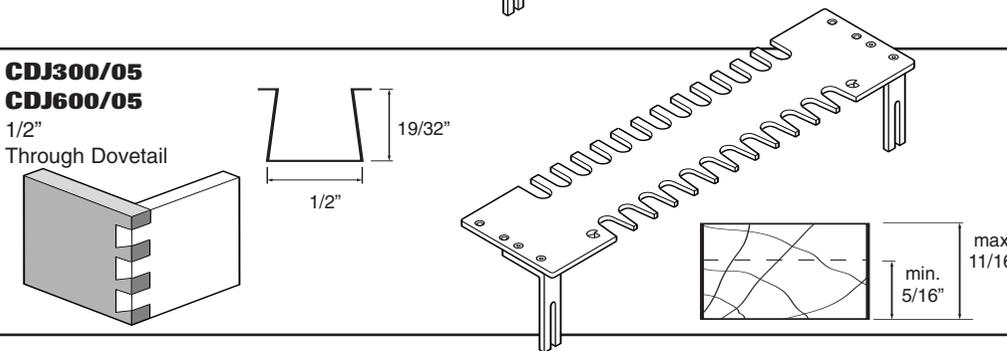
CDJ300/03
CDJ600/03
5/16" Box Joint



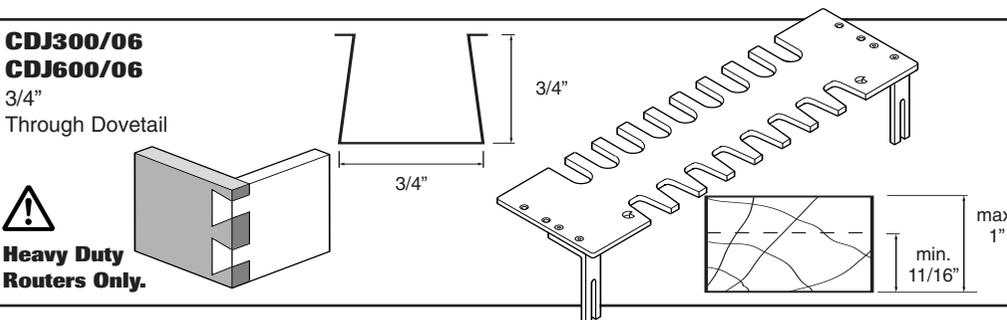
CDJ300/04
CDJ600/04
1-1/4" Dowel



CDJ300/05
CDJ600/05
1/2" Through Dovetail



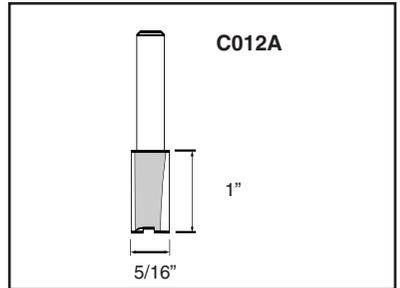
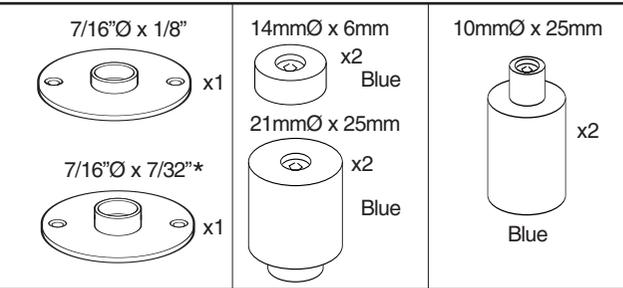
CDJ300/06
CDJ600/06
3/4" Through Dovetail



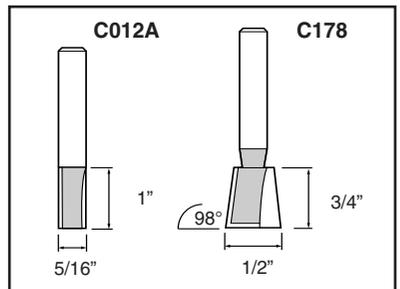
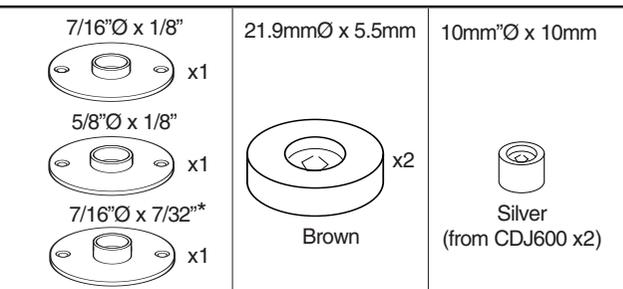
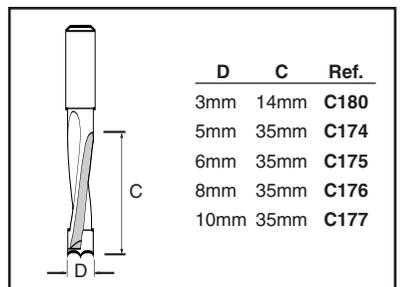
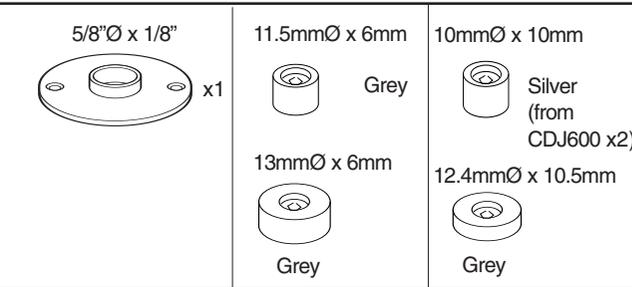
CDJ300

CDJ600

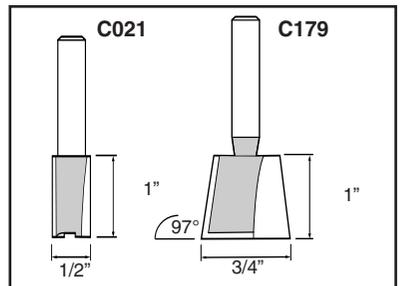
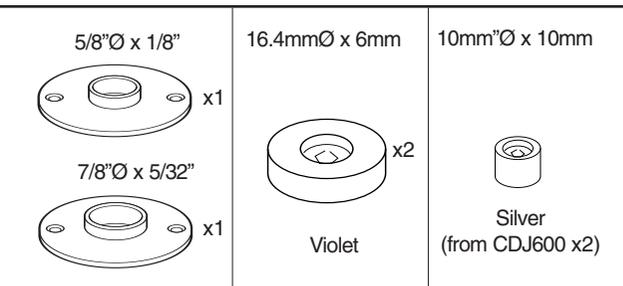
Cutters Required



* For use with the T3 (and similar routers)



* For use with the T3 (and similar routers)



TIMBER PREPARATION

It is important to plan your work before starting to save set-up time and avoid costly mistakes. Both sides of the jig can be used to make joints. It is advisable however to clamp the workpiece to one side of the jig. This ensures it is clamped securely.

Half Blind Dovetails

When lapped dovetailing label the pieces as front, back, and sides. Mark faces as inside and out.

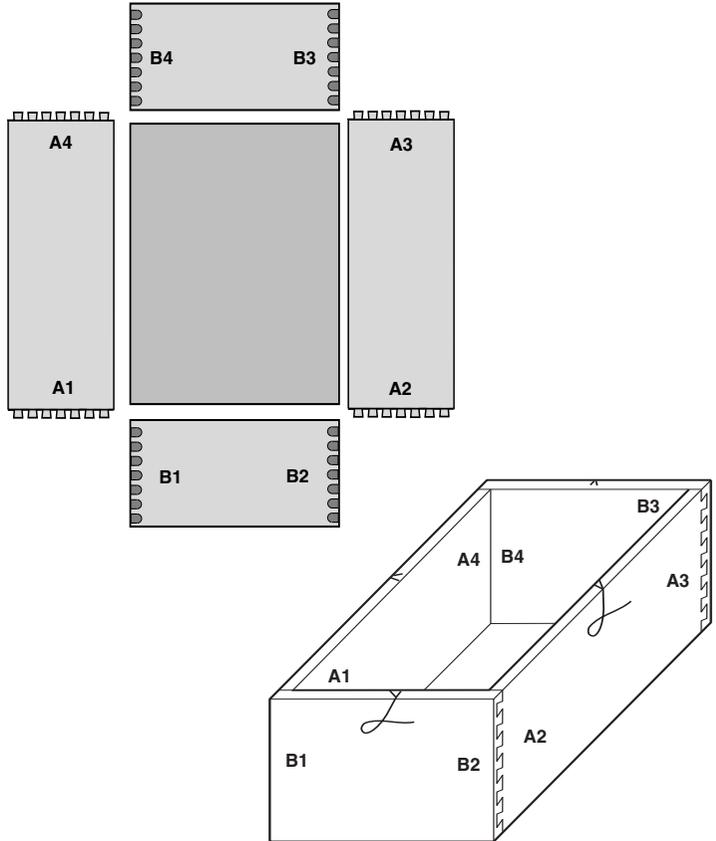
Label the dovetail pieces as shown, A parts will be clamped under front clamp bar, B pieces under top clamping bar. Even numbers against left-hand edge guide odd numbers under right hand edge guides.

Face sides must be towards jig body.

For drawers the front is thicker than the sides.

Before jointing the actual workpiece make trial cuts in pieces of waste timber, the same thickness as the workpieces in order to test depth of pin sockets.

Ensure all pieces are cut to size and checked for squareness.



1/2" Half Blind Dovetail Template

(27/32" pitch with 1/8" offset line)

No. of whole tails

1	2	3	4	5	6	7	8	9...
27/32	1 21/32	2 35/64	3 25/64	4 15/64	5 5/64	5 59/64	6 49/64	7 5/8

Optimum width of timber in inches

ie Pitch x No. of tails = Width (when 1/8" offset line used).

1/4" Half Blind Dovetail Template

(7/16" pitch with 5/64" offset line)

No. of whole tails

1	2	3	4	5	6	7	8	9
7/16	57/64	1 21/64	1 25/32	2 7/32	2 43/64	3 7/64	3 9/16	4

Optimum width of timber in inches

ie Pitch x No. of tails = Width (when 5/64" offset line used).

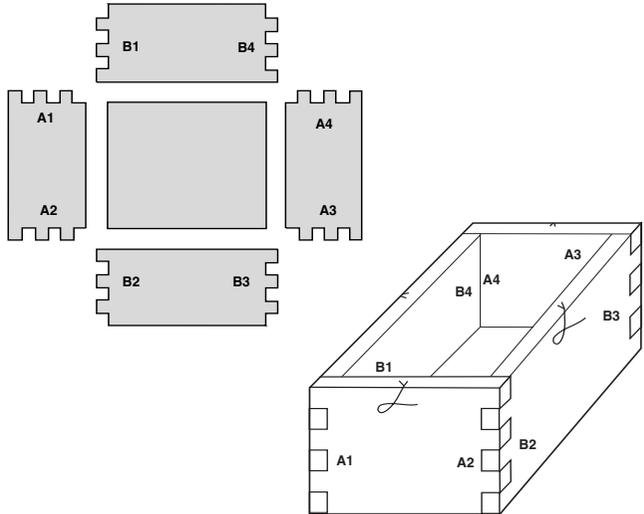
**Box Joint
(Optional Accessory)**

Cut all four pieces for the box to the exact dimensions of the final unit.

Make sure ends are perfectly square and exact widths.

The workpieces are clamped together for the cut. Ensure the workpiece face sides are towards the front of the jig.

Before joining the actual workpiece make a trial cut in waste scrap timber.

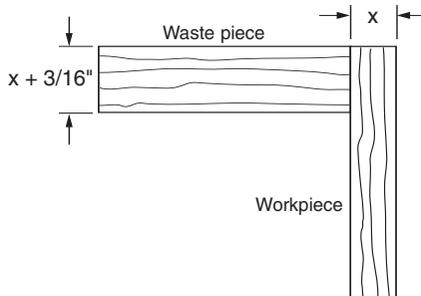


5/8" Comb Template								
(5/8" pitch with symmetrical sockets)								
No. of sockets								
1	2	3	4	5	6	7	8	9...
$1\frac{5}{16}$	$1\frac{37}{64}$	$2\frac{13}{64}$	$2\frac{53}{64}$	$3\frac{15}{32}$	$4\frac{3}{32}$	$4\frac{23}{32}$	$5\frac{23}{64}$	$5\frac{63}{64}$
Optimum width of timber in inches								
ie Pitch x No. of sockets + 5/16" = Width								
1/2" Comb Template								
(1" pitch with Symmetrical Sockets)								
No. of Sockets								
1	2	3	4	5	6	7	8	9...
$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$	$6\frac{1}{2}$	$7\frac{1}{2}$	$8\frac{1}{2}$	$9\frac{1}{2}$
Optimum width of timber in inches								
ie (Pitch x No. of Sockets) + 1/2" = Width.								

Box Joint Waste Piece

For box joints, the waste piece must be 3/16" thicker than the work piece. It should be long enough to be held securely by the clamp bars.

The width should be at least 3/16" wider than work piece. The waste piece reduces likelihood of breakout.



The waste piece for box joints must be 3/16" thicker than the workpiece to prevent the cutter touching the jig body.

Through Dovetails (Accessory)

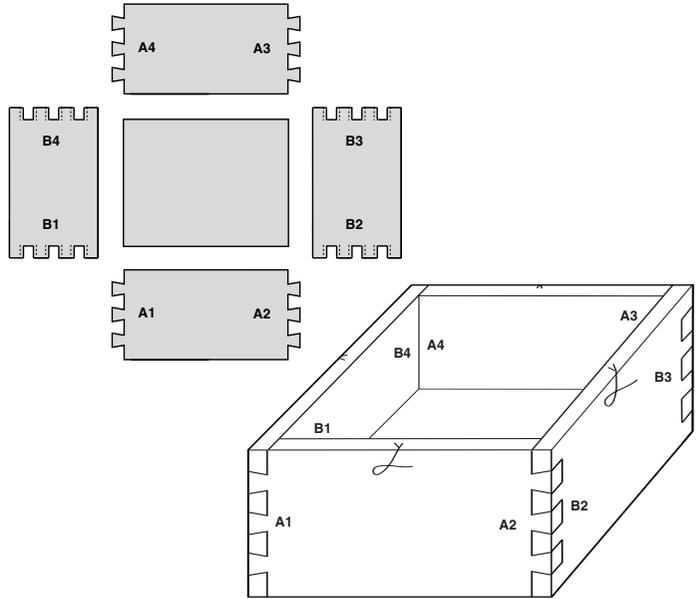
When through dovetailing label the pieces as front, back, and sides. Mark faces as inside and out.

Label the dovetail pieces as shown. A parts will be clamped under front clamp bar and routed first with dovetail cutter. B pieces are clamped under front bar and routed with a straight cutter. Even numbers against left-hand edge guide odd numbers under right hand edge guides.

Face sides must be away from jig body.

Before joining the actual workpiece make a trial cut in waste scrap timber.

Ensure all pieces are cut to size and checked for squareness.

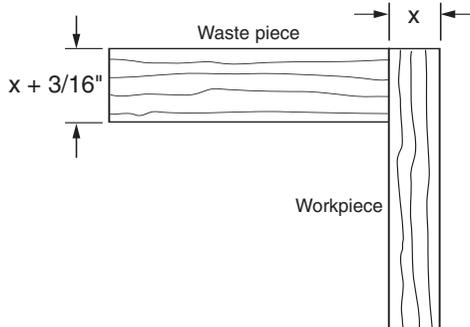


1/2" Through Dovetail Template									
(1" pitch with 5/8" offset line)									
No. of whole tails									
1	2	3	4	5	6	7	8	9...	
1 1/4	2 1/4	3 1/4	4 1/4	5 1/4	6 1/4	7 1/4	8 1/4	9 1/4	
Optimum width of timber in inches									
ie Pitch x No. of Tails = Width (when 5/8" offset line used)									
3/4" Through Dovetail Template									
(1 1/2" pitch with 1" offset line used)									
No. of whole tails									
1	2	3	4	5	6	7...			
1 63/64	3 31/64	4 29/32	6 31/64	7 31/32	9 15/32	10 31/32			
Optimum width of timber in inches									
ie (Pitch x No. of Tails) = Width (when 1" offset line used)									

Through Dovetail Waste Piece

For comb and through dovetail joints, the waste piece of workpiece must be 3/16" thicker than the work piece. It should be long enough to be held securely by the clamp bars.

The width should be at least 3/16" wider than work piece. The waste piece reduces likelihood of breakout.



The waste piece for through dovetail joints must be 5mm thicker than the workpiece to prevent the cutter touching the jig body.

OPERATION

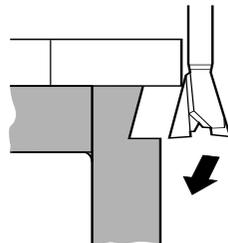
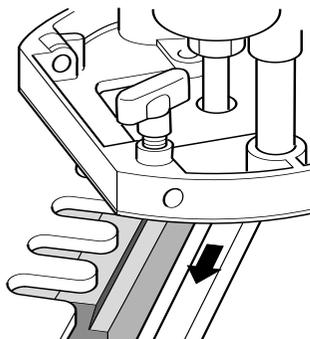


Routing the Workpiece

For Half Blind Dovetail Joints

Make one very light cut from right to left, cutting only the front edge. This will prevent breakout.

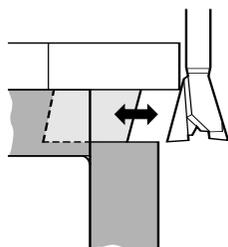
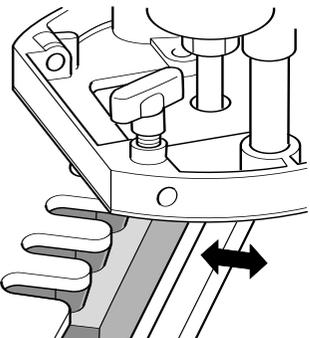
Carefully rout from left to right following the guide bush in each of the template comb slots (see illustrations on right).



For Box Joints

Carefully rout from left to right following the guide bush in the each of the slots. Ensure the guide bush is kept against the left hand side of the template comb fingers on all cuts.

Cut full depth in one pass where possible. If timber is hard, achieve depth in a number of passes.



For Dowel Joints

For dowel hole in face of workpiece, the depth of cut will be half thickness of workpiece.

For dowel hole in end of workpiece, depth will need to allow for remainder of dowel length.



For Through Dovetails

Carefully rout from left to right following the guide bush in the each of the template slots.

Cut full depth when using the dovetail cutter. If timber is hard take fine cuts.



Preventing Tear Out

This occurs when cutting across the grain and can be overcome by scribing the ends of the timber with a marking knife or gauge at the height of the cutter.

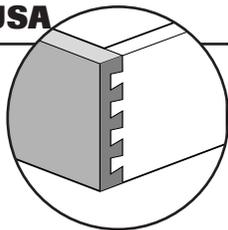


Setting the Depth of Cut in the Future

To ease setting up of the bit height in the future, rout another joint and keep this piece to set the cutter depth in future.



Do not lift the router from the template with the guide bush engaged in the slots as damage to the template will occur.



**STANDARD 1/2" (12.7MM)
LAPPED DOVETAILS**

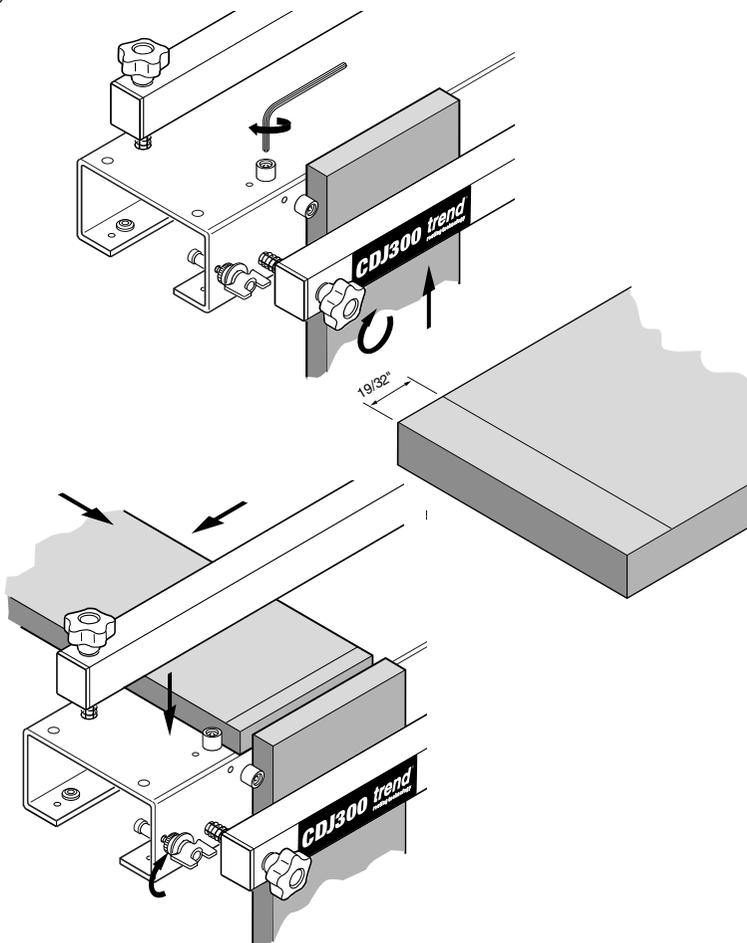
Both parts of joint are routed at same time.

(Drawing shown CDJ300 only.)

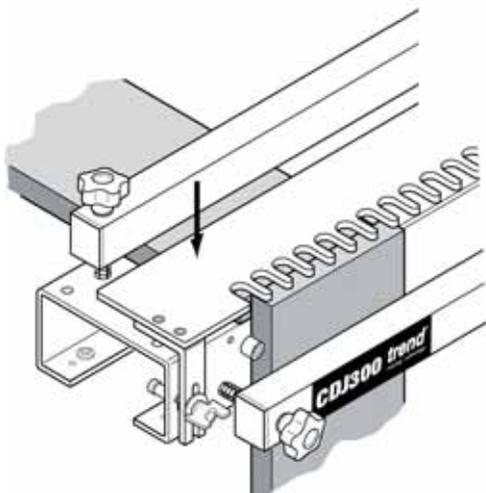
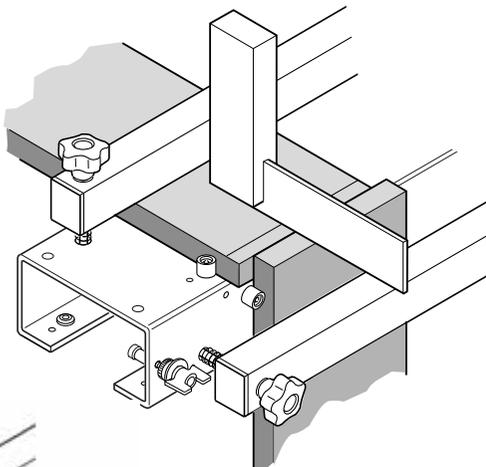
Set Up

- ① Fit edge guides into holes according to table.
- ② Draw a 19/32" setting template line onto the workpiece.
- ③ Place one piece of workpiece into front clamp and push tight against edge guide.
- ④ Tighten clamp bar knobs to hold workpiece.
- ⑤ Place other piece of workpiece under top clamp and butt against workpiece already fitted and against edge guide.
- ⑥ Tighten top clamp knobs.

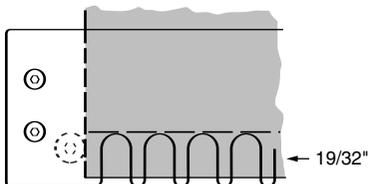
Dimensions shown in inches.	Size	Colour	Hole	Dia.	Setting Line	Depth	
CDJ300/CDJ600 1/2" Standard	10Øx10	Silver	U1	5/8"	1/2"	19/32"	11/16"
	10Øx10	Silver	F1				



- ⑦ Ensure top of front workpiece is flush with the back workpiece using a square.
- ⑧ Fit brackets to template comb with countersunk holes uppermost and with slots to front.
- ⑨ Fit template comb assembly onto jig.



- ⑩ Adjust comb position to line up back of template slots to the 19/32" line.
- ⑪ Fit guide bush to router according to table.
- ⑫ Fit dovetail bit into router according to table.
- ⑬ Adjust the height of the bit according to table.



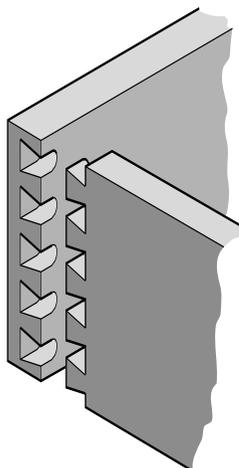
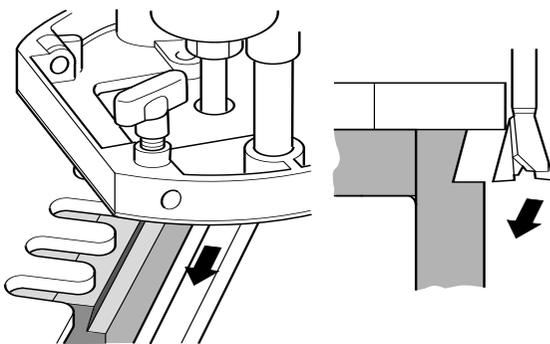
Ensure that the bit does not foul the comb brackets before and after cutting the joints.

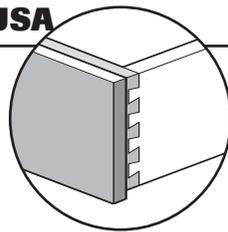
**Routing the Joint
(Tail and Pin
Socket)**



- 14 Place the router onto the template comb ensuring the cutter does not touch the workpiece
- 15 Switch on.
- 16 Make one very light cut from right to left, cutting only the front edge.
- 17 Carefully rout from left to right following the guide bush in the each of the slots.
- 18 Switch off router and remove from jig.
- 19 Examine each of the slots to ensure all the workpiece has been cleanly routed.
- 20 Remove template comb assembly.
- 21 Remove workpiece from jig.
- 22 Test fit joint.

Joint too loose =	increase depth adjustment of bit.
Joint too tight =	decrease depth adjustment of bit.
Dovetail joint too shallow =	move template comb towards the jig body.
Dovetail joint too deep =	move template comb away from the jig body.





1/2" REBATED LAPPED DOVETAIL USING STANDARD TEMPLATE

Each part of joint is routed separately. (Drawings show CDJ300 only.)

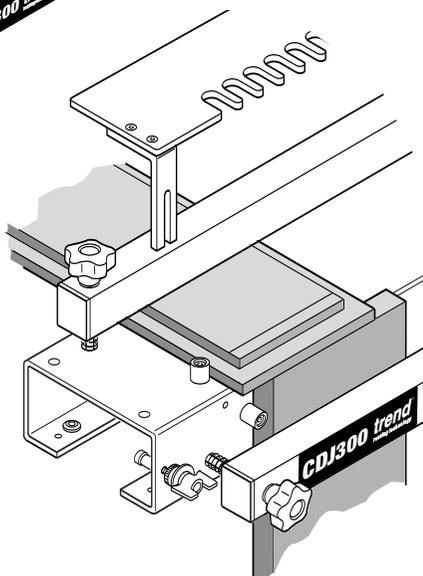
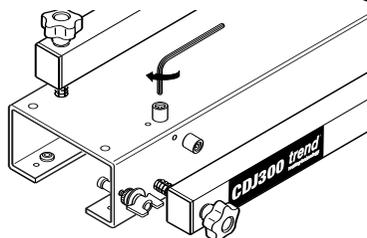
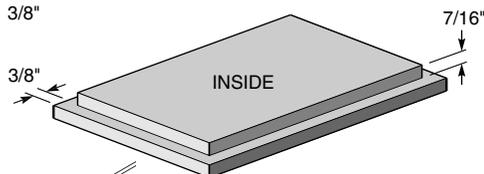
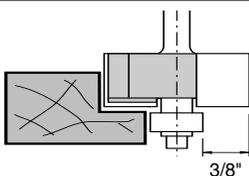
Set Up

- ① Fit edge guides into holes according to table.
- ② Fit brackets to template comb with countersunk holes uppermost and with slots to front.

Dimensions shown in inches.	Size	Colour	Hole	Dia.	Dia.	Setting Line	Depth
CDJ300/CDJ600 1/2" Rebated	100x10	Silver	U2	5/8"	1/2"	19/32"	11/16"
	100x10	Silver	F1				

For Drawer Front

- ③ Rout a 3/8" wide by 7/16" deep rebate onto the edges of the workpiece.
- ④ Draw a setting template line 19/32" back from the 3/8" rebate shoulder.
- ⑤ Place a packing piece of 3/8" thick timber into front clamp and push tight against edge guide.
- ⑥ Tighten front clamp bar knobs to hold workpiece.
- ⑦ Place drawer front under top clamp and butt against packing piece already fitted, and edge guides.
- ⑧ Tighten top clamp knobs.
- ⑨ Remove packing piece from front clamp.
- ⑩ Fit template comb assembly onto jig.
- ⑪ Adjust comb position to line up back of template slots to the 19/32" line.
- ⑫ Fit guide bush to router, according to table.
- ⑬ Fit dovetail bit into router according to table.
- ⑭ Adjust the height of the cutter according to table.



Routing Pin Socket in the Drawer Front



- 15 Place router onto template comb.
- 16 Switch on.
- 17 Carefully rout from left to right following the guide bush in the each of the slots.
- 18 Switch off router and remove from jig.
- 19 Examine each of the slots to ensure all the workpiece has been cleanly routed.
- 20 Remove template comb assembly.
- 21 Remove workpiece from jig.

For Drawer Sides

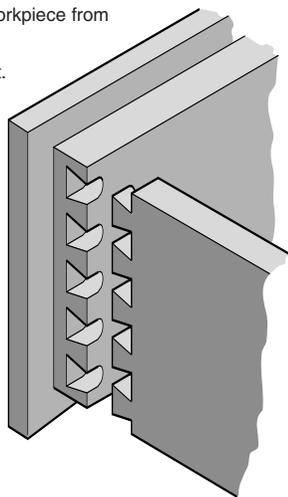


- 22 Place drawer side workpiece into front clamp and push tight against edge guide.
- 23 Tighten front clamp bar knobs to hold workpiece.
- 24 Place packing piece under top clamp and butt against workpiece already fitted. Packing piece must be 5mm thicker than the workpiece.
- 25 Ensure top of front workpiece is flush with back workpiece using a square.
- 26 Tighten top clamp knobs.
- 27 Fit template comb assembly onto jig.

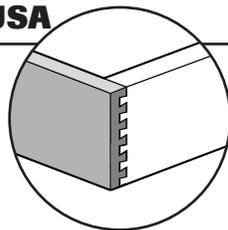
Routing Tails on Drawer Sides



- 28 Place router onto template comb.
- 29 Switch on.
- 30 Make one very light cut from the right to the left, cutting only the front edge.
- 31 Carefully rout from left to right following the guide bush in the each of the slots.
- 32 Switch off router and remove from jig.
- 33 Examine each of the slots to ensure all the workpiece has been cleanly routed.
- 34 Remove template comb assembly.
- 35 Remove workpiece from jig.
- 36 Test fit joint.



Joint too loose =	increase depth adjustment of bit.
Joint too tight =	decrease depth adjustment of bit.
Dovetail joint too shallow =	move template comb towards the jig body.
Dovetail joint too deep =	move template comb away from the jig body.



OPTIONAL ACCESSORIES

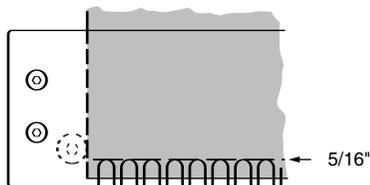
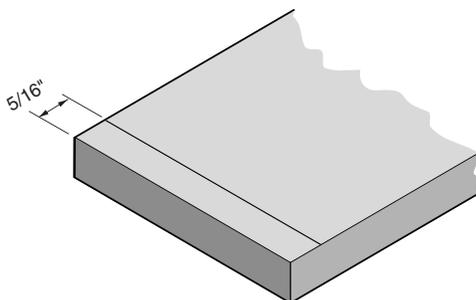
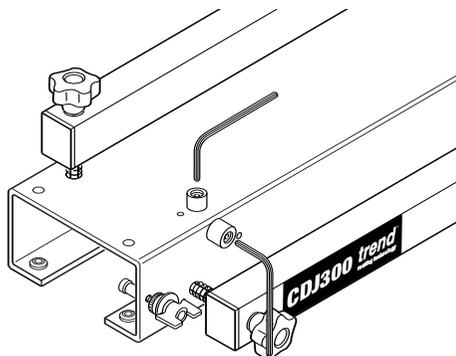
**1/4" LAPPED
DOVETAIL TEMPLATE**

Both parts of joint are routed at same time. (Drawings show CDJ300 only.)

Set Up

- ① Fit edge guides into holes according to table.
- ② Draw a 5/16" setting template line onto the piece of workpiece.
- ③ Place one piece of workpiece into front clamp and push tight against front edge guide.
- ④ Tighten clamp bar knobs to hold workpiece.
- ⑤ Place other piece of workpiece under top clamp and butt against workpiece already fitted.
- ⑥ Tighten top clamp knobs.
- ⑦ Ensure top of front workpiece is flush with back workpiece using a square.
- ⑧ Fit brackets to template comb with countersunk holes uppermost and with slots to front.
- ⑨ Fit template comb assembly onto jig.
- ⑩ Adjust comb position to line up back of template slots to the 5/16" line.
- ⑪ Fit guide bush to router according to table.
- ⑫ Fit dovetail bit into router according to table.

Dimensions shown in inches.							
	Size	Colour	Hole	Dia.	Dia.	Setting line	Depth
CDJ300/01 1/4" Lapped	15.8Øx6	Green	U1	5/16"	1/4"	19/64"	7/16"
	28.7Øx4	Green	F2				
CDJ600/01 1/4" Lapped	20.1Øx4	Green	U1	5/16"	1/4"	19/64"	7/16"
	10Øx4*	Green	F1				



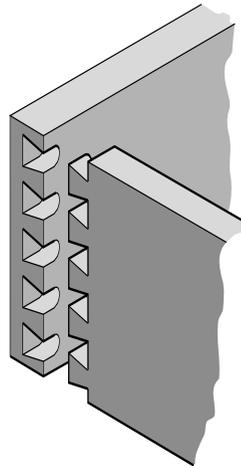
* From CDJ600 jig.

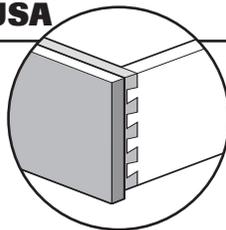
- ⑬ Adjust the height of the bit according to table.

**Routing the Joint
(Tail and Pin
Socket)**



- ⑭ Place router onto template comb.
- ⑮ Switch on.
- ⑯ Make one very light cut from right to left, cutting only the front edge.
- ⑰ Carefully rout from left to right following the guide bush in the each of the slots.
- ⑱ Switch off router and remove from jig.
- ⑲ Examine each of the slots to ensure all the workpiece has been cleanly routed.
- ⑳ Remove template comb assembly.
- ㉑ Remove workpiece from jig.
- ㉒ Test fit joint.





1/4" REBATED LAPPED DOVETAIL TEMPLATE

- ① Fit edge guide into hole according to table.
- ② For drawer front rout a 3/8" wide by 1/4"mm deep rebate.
- ③ Draw a setting template line 5/16"mm back from 3/8" rebate shoulder.

Dimensions shown in inches.			Hole				
	Size	Colour					
CDJ300/01 1/4" Rebated	15.80x6	Green	U1	5/16"	1/4"	5/16"	7/16"
	28.70x4	Green	U2				
CDJ600/01 1/4" Rebated	20.10x9.5	Green	U1	5/16"	1/4"	5/16"	7/16"
	100x10*	Green	U2				

Routing Tails on Drawer Sides



- ④ Place router onto template comb.
- ⑤ Switch on
- ⑥ Carefully rout from left to right following the guide bush in the each of the slots.
- ⑦ Switch off router and remove from jig.
- ⑧ Examine each of the slots to ensure all the material has been cleanly routed.
- ⑨ Remove template comb assembly
- ⑩ Remove timber from jig.
- ⑪ Test fit joint.

For Drawer Fronts

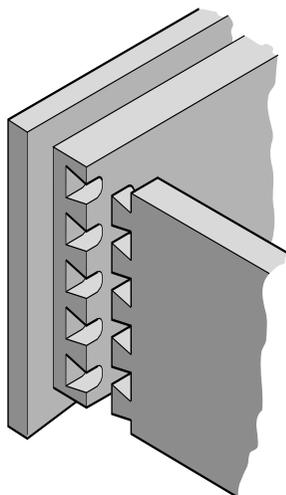
See points ④ to ⑪ on pages 25 to 26.

For Drawer Sides

See points ⑫ to ⑰ on page 26.

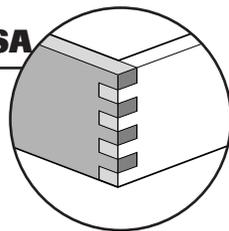
For Routing Tails on Drawer Sides

See points ⑱ to ⑳ on page 25 to 26.



* From CDJ600 jig.

Joint too loose =	increase depth adjustment of bit.
Joint too tight =	decrease depth adjustment of bit.
Dovetail joint too shallow =	move template comb towards the jig body.
Dovetail joint too deep =	move template comb away from the jig body.



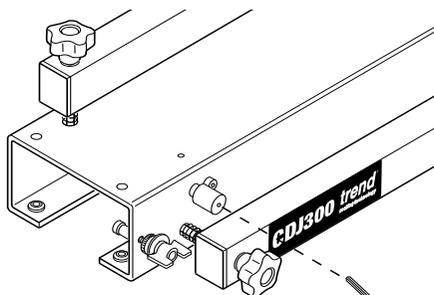
BOX COMB TEMPLATE

Both parts of joint are routed at same time.
(Drawings show CDJ300 only)

Set Up

- ① Fit edge guides into holes, according to table.
- ② Place one piece of workpiece into front clamp and push tight against edge guide, place second piece of workpiece in front of first piece and push tight against edge guide
- ③ Tighten front clamp bar knobs to hold workpiece
- ④ Place waste piece of workpiece under top clamp and butt against workpiece already fitted. Waste piece must be 3/16" thicker than workpiece.
- ⑤ Tighten top clamp knobs
- ⑥ Ensure top of both front workpieces are flush with packing piece using a square.
- ⑦ Fit brackets to template comb with countersunk holes uppermost and with slots to front
- ⑧ Turn adjustment stops until they are tight against the body.
- ⑨ Fit template comb assembly onto jig.
- ⑩ Fit guide bush to router according to table.

Dimensions shown in inches.						
	Comb	Size	Colour	Hole	Dia.	Dia.
CDJ300/02	1/2"	19.70x6 17.30x31	Red Red	F1 F2	5/8"	1/2"
CDJ600/02	1/2"	11.30x8.5 10.0x33	Red Red	F1 F2	5/8"	1/2"
CDJ300/03	5/16"	140x6 210x25	Blue Blue	F1 F2	7/16"	5/16"
CDJ600/03	5/16"	10/260	Blue	F2	7/16"	5/16"

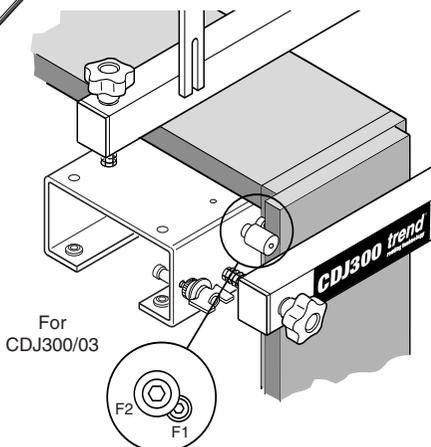


Non-symmetrical
Even number of pins/sockets



Waste piece must be 3/16" thicker than workpiece.

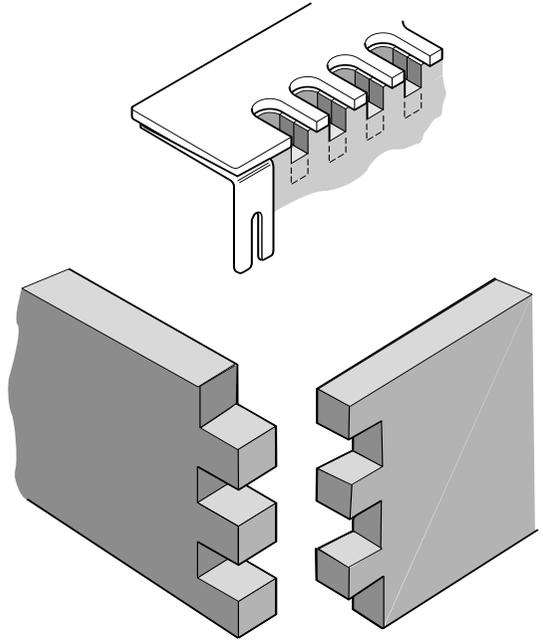
- ⑪ Fit straight bit into router according to table.
- ⑫ Adjust the height of the bit to suit workpiece thickness, this can be achieved by drawing the thickness of the pin board onto the tail board and vice versa.



Routing the Box Joint



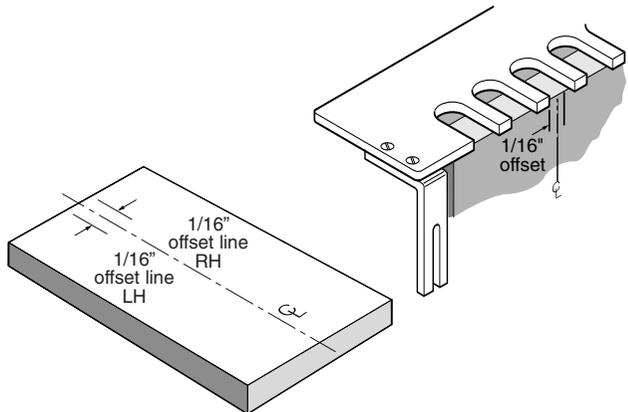
- 13 Place router onto template comb.
- 14 Switch on.
- 15 Carefully rout from left to right following the guide bush in each of the slots. Keep the guide bush against the left hand side of the comb finger, on all cuts.
- 16 Switch off router and remove from jig.
- 17 Examine each of the slots to ensure all the workpiece has been cleanly routed.
- 18 Remove template comb assembly.
- 19 Remove workpiece from jig.
- 20 Test fit joint.



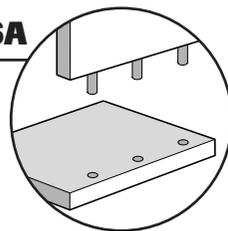
For CDJ600

As above but to set up sliding edge guide as follows:-

- 1 Fit same edge guides.
- 2 Draw a centre line on workpiece and draw a 1/16" offset line to left and right of centre line.
- 3 Place one piece of workpiece into front clamp.
- 4 Fit template comb to jig.
- 5 For left hand side of jig align right hand 1/16" line to left hand side of a template comb finger and vice versa for other end of jig.
- 6 Tighten front clamp knobs.
- 7 Slide edge guide against edge of timber.
- 8 Tighten edge guide locking knob.



Box comb joint too shallow = increase depth adjustment of bit.
 Box comb joint too deep = decrease depth adjustment of bit.



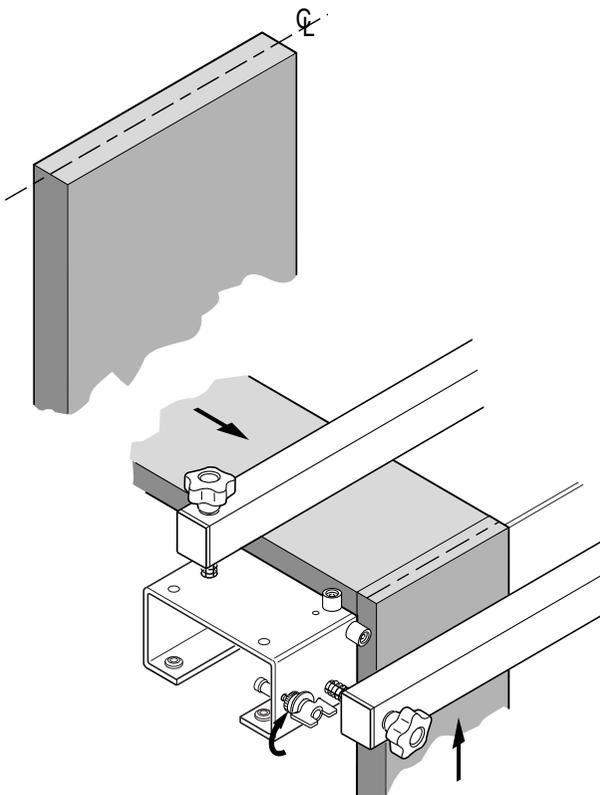
DOWEL JOINT TEMPLATE

Each part of joint is routed separately. (Drawings show CDJ300 only.)

Set Up

- ① Fit edge guides into holes according to table.
- ② Draw centre line on end of workpiece.
- ③ Place marked up workpiece into front clamp and push tight against front edge guide.
- ④ Repeat operation for right hand side.
- ⑤ Tighten clamp bar knobs to hold workpiece.
- ⑥ Place other piece of workpiece under top clamp and butt against workpiece already fitted.
- ⑦ Tighten top clamp knobs.
- ⑧ Ensure top of front workpiece is flush with back workpiece using a square.
- ⑨ Fit screws into brackets from underside and tighten with hex key.
- ⑩ Fit brackets to template comb with 1 1/4" centre dowel holes towards front. Use inner slots for CDJ300/04 and outer slots for CDJ600/04. Fit washer and knobs to secure. Leave knobs loose.

Dimensions shown in inches.	 Comb	 Size	 Colour	 Hole	 Dia.	 Dia.
CDJ300/04	1 1/4"	11.5Øx6 13Øx6	Grey Grey	U1 F2	5/8"	3-10mm
CDJ600/04	1 1/4"	10Øx10* 12.4Øx10.5	Silver Grey	U1 F2	5/8"	3-10mm

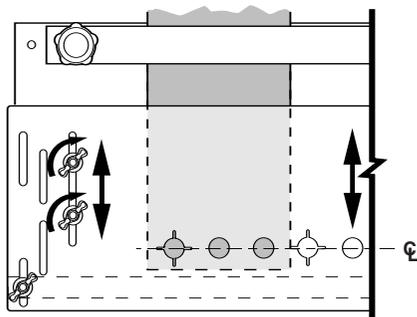
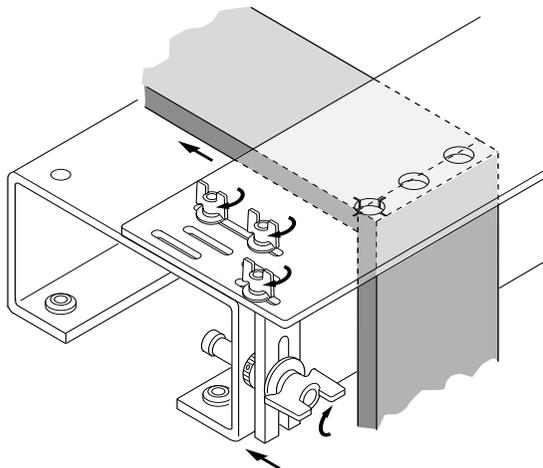
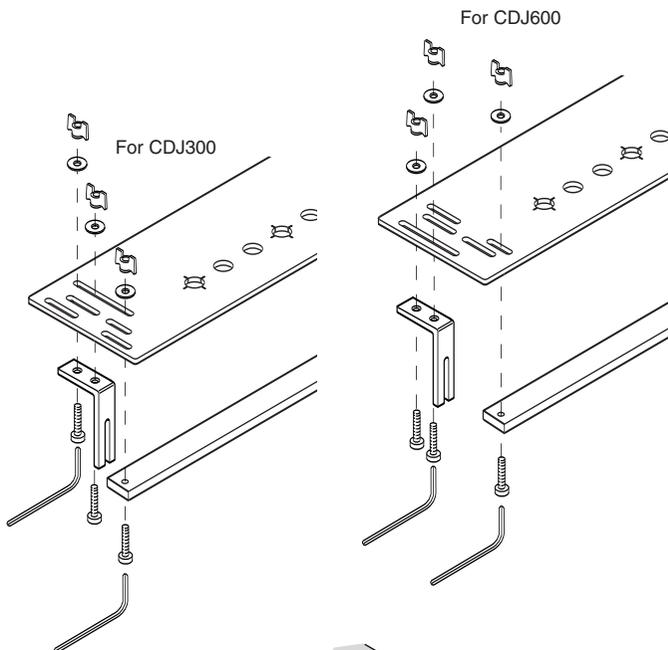


* From CDJ600 jig.

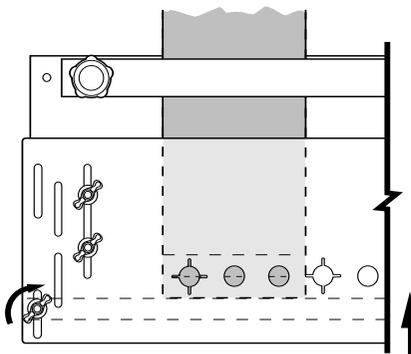
- ⑪ Fit two screws into fence bar and then fit assembly to two inner slots on template using two washers and knobs. Leave knobs loose.
- ⑫ Turn adjustment stops until they are tight against jig body.
- ⑬ Fit template comb assembly onto jig. Tighten comb adjustment knobs.
- ⑭ Adjust comb position so that sight marks on dowel holes line up with centre line on workpiece. Tighten the four bracket knobs.



To create symmetrical dowel joints, it may be necessary to move timber away from the edge guides. A packing piece must be used.



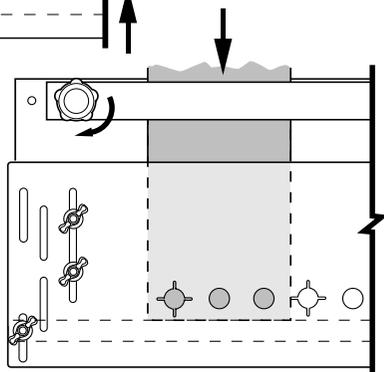
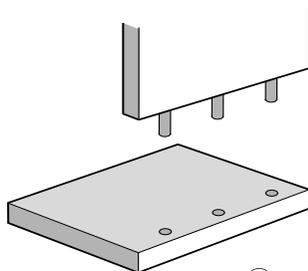
- 15 Adjust position of fence bar so that it touches the edge of the workpiece in the front clamp. Tighten fence bar knobs.
- 16 Fit guide bush to router.
- 17 Fit suitable diameter router dowel drill into router.
- 18 Set the plunge depth on the router.



Routing the Dowel Joint on End of Workpiece



- 19 Place router onto template comb.
- 20 Switch on.
- 21 Plunge down until depth stop limits plunge.
- 22 Repeat for number of dowel holes.
- 23 Switch off router and remove from jig.
- 24 Examine each of the holes to ensure all the workpiece has been cleanly bored.
- 25 Remove front workpiece from jig.



Routing the Dowel Joint on Face of Workpiece



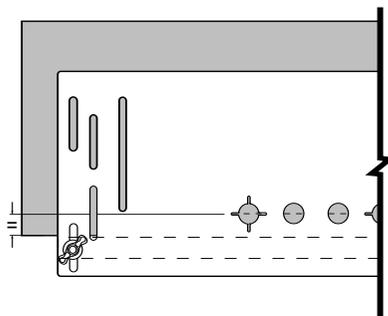
- 26 Loosen top clamp and move workpiece towards fence bar.
- 27 Tighten top clamp.
- 28 Place router onto template comb.
- 29 Switch on.

- 30 Plunge down until depth stop limits plunge.
- 31 Repeat for number of dowel holes.
- 32 Switch off router and remove from jig.
- 33 Examine each of the holes to ensure all the workpiece has been cleanly bored.
- 34 Test fit joint.

Dowel joint too shallow = increase plunge depth of bit.
Dowel joint too deep = decrease plunge depth of bit.

Set up for Dowel Template when off Jig

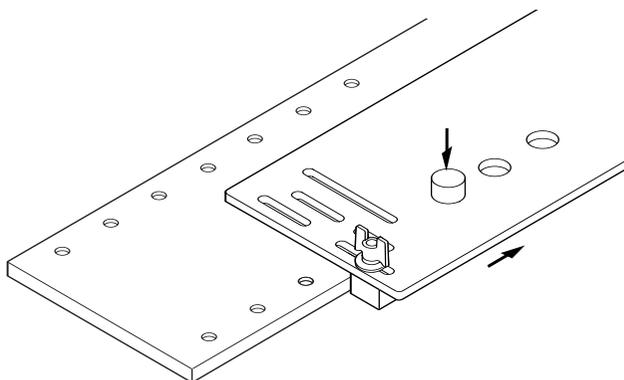
- ① Remove all the brackets.
- ② Leave fence bar knobs loose.
- ③ Mark up workpiece with position of dowel holes from edge. Ensure holes are parallel to edge.
- ④ Place template onto workpiece and align centre of dowel holes onto marked position on workpiece. Clamp template with clamps.
- ⑤ Adjust fence bar to edge of workpiece and tighten knobs.
- ⑥ Loosen clamps and reposition template to correct position for drilling.



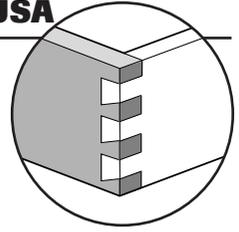
Routing of Dowel Holes off Jig



- ⑦ Place router onto template comb.
- ⑧ Switch on.
- ⑨ Plunge down until depth stop limits plunge.
- ⑩ Repeat for number of dowel holes.
- ⑪ Switch off router and remove from jig.
- ⑫ Examine each of the holes to ensure all the workpiece has been cleanly bored.



- ⑬ If a longer series of dowel holes are required (longer than template), place suitable size dowel pin into last hole and move whole template long, ensuring template is located over dowel pin.
- ⑭ Test fit holes to suit fixing.



THROUGH DOVETAIL TEMPLATE

Each part of joint is routed separately. Offset is 5/8" to centre of tail. (Drawings show CDJ300 only.)

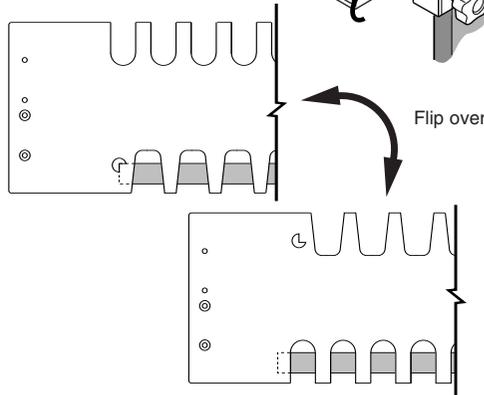
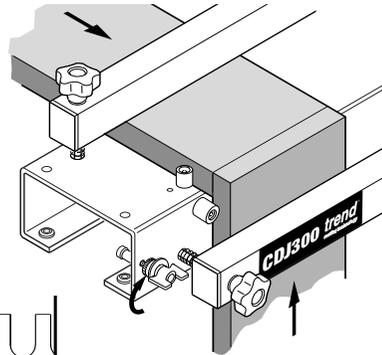
Set Up

- ① Fit edge guide into holes according to table.
- ② Place one piece of workpiece into front clamp bar and push tight against edge guide.
- ③ Tighten front clamp bar knobs to hold workpiece.
- ④ Place a waste piece under top clamp bar and butt against workpiece already fitted. Waste piece must be 5mm thicker than workpiece.
- ⑤ With a square ensure top of front piece of workpiece is flush with back piece of workpiece.
- ⑥ Tighten top clamp bar knobs.
- ⑦ Fit brackets to template comb with tapered slot towards front.
- ⑧ Fit template comb assembly.
- ⑨ Adjust stop to line up sight mark on template to back of workpiece.
- ⑩ Lock stop using hex key.
- ⑪ Repeat for other side. Ensure template is parallel to workpiece.
- ⑫ Loosen screws holding template comb to brackets, and remove comb. Leave brackets attached to jig.

Dimensions shown in inches.	Comb		Colour		Dia.		Dia.	
	Dia.	Dia.	Colour	Dia.	Dia.	Dia.	Dia.	
	1/2"	21.90x5.6	Brown	F2	5/8"	1/2"	7/16"	5/16"
	1/2"	100x10*	Silver	F2	5/8"	1/2"	7/16"	5/16"
	3/4"	16.40x6	Violet	F2	7/8"	3/4"	5/8"	1/2"
	3/4"	100x10*	Silver	F2	7/8"	3/4"	5/8"	1/2"



Waste piece must be 3/16" thicker than workpiece.

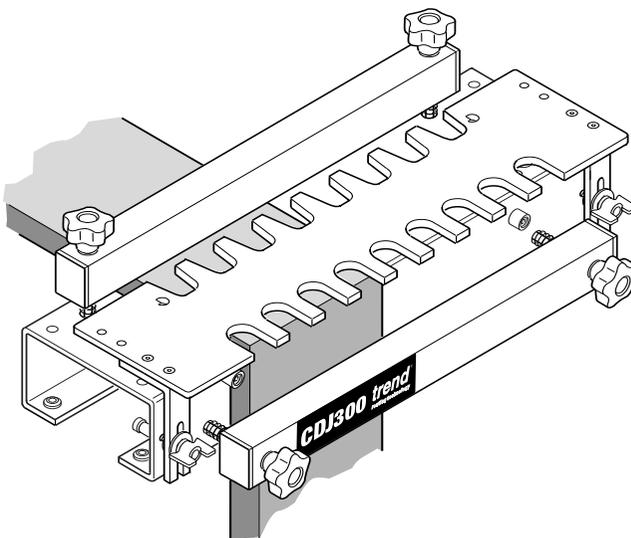


- ⑬ Flip over template comb with parallel slot towards front.
- ⑭ Refit template comb to brackets and tighten screws.

Routing the Tails



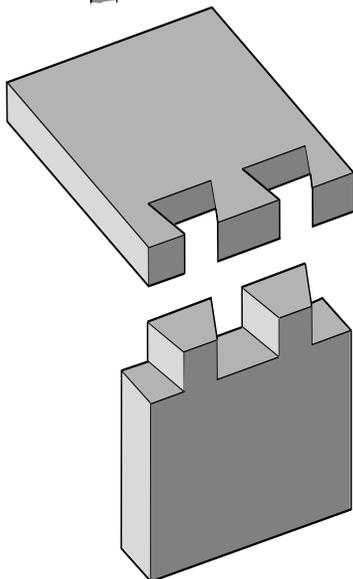
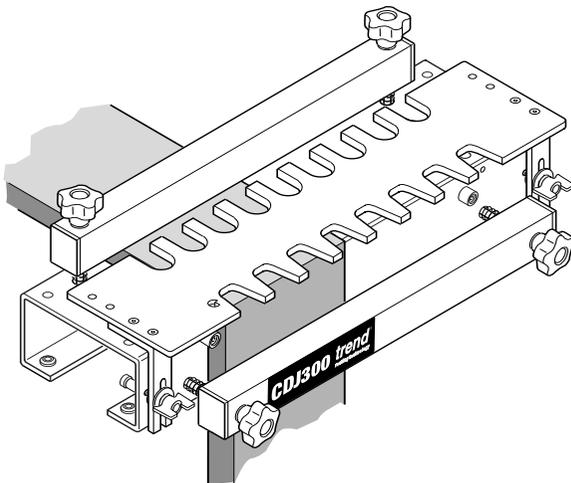
- ⑮ Fit guide bush to router according to the table.
- ⑯ Fit dovetail bit to router according to the table.
- ⑰ Adjust the height of the cutter to equal workpiece thickness. This can be achieved by drawing the thickness of the pin board onto the tail board and vice versa.
- ⑱ Place router onto template comb.
- ⑲ Switch on.
- ⑳ Carefully rout from left to right following the guide bush in each of the slots. Take gentle back and forth cuts to rout out the pocket for the tail.
- ㉑ Switch off router and remove from jig.
- ㉒ Examine each of the slots to ensure all the workpiece has been cleanly routed.
- ㉓ Remove template comb assembly
- ㉔ Remove workpiece from jig.



Routing the Pins



- ②5 Loosen screws holding template comb to brackets, and remove comb. Leave brackets attached to jig.
- ②6 Flip over template comb 180° with tapered slot towards front.
- ②7 Refit template comb to brackets and tighten screws.
- ②8 Fit guide bush to router according to table.
- ②9 Fit straight cutter into router according to table.
- ③0 Adjust the height of the cutter to equal workpiece thickness.
- ③1 Place router onto template comb.
- ③2 Switch on.
- ③3 Carefully rout from left to right following the guide bush in each of the slots. Take light cuts to rout out the pocket for the tail.
- ③4 Switch off router and remove from jig.
- ③5 Examine each of the slots to ensure all the workpiece has been cleanly routed.
- ③6 Remove template comb assembly.
- ③7 Remove workpiece from jig.
- ③8 Test fit joint.



Joint too loose = move template for pin away from jig body.
Joint too tight = move template for pins towards jig body.

MAINTENANCE

This jig has been designed to operate over a long period of time with a minimum of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

■ **Cleaning**

Regularly clean the jig and remove resin build-up on all threads.

■ **Lubrication**

Your jig requires no additional lubrication.

RECYCLING

Jigs, accessories and packaging should be sorted for environmentally friendly recycling.

GUARANTEE

The jig carries a manufacturers guarantee in accordance with the conditions on the enclosed guarantee card.

CDJ300 & CDJ600 USA - SPARE PARTS LIST			V1.0 08/2004
No.	Qty.	Desc.	Ref.
1	1	Jig Body CDJ300	WP-CDJ300/01
	1	Jig Body CDJ600	WP-CDJ600/01
2	2	Clamping Bar with Grip CDJ300	WP-CDJ300/02
	2	Clamping Bar with Grip CDJ600	WP-CDJ600/02
3	4	Spring	WP-CDJ/03
4	4	Washer 8.5mm x 16.5mm x 1.5mm	WP-CDJ/04
5	4	Clamp Knob Male M8 x 80mm CDJ300	WP-CDJ/05
	2	Clamp Knob Male M8 x 80mm CDJ600	WP-CDJ/05
6	4	Edge Guide 10mmx10mm Dia CDJ300 Silver	WP-CDJ300/06
	4	Edge Guide 10mmx10mm Dia CDJ600 Silver	WP-CDJ600/06
7	4	Machine Screw Csk M4 x 16mm Skt	WP-SCW/84
8	1	Template Comb 1/2 Lapped CDJ300	WP-CDJ300/08
	1	Template Comb 1/2 Lapped CDJ600	WP-CDJ600/08
9	2	Template Comb Bracket CDJ300	WP-CDJ300/09
	2	Template Comb Bracket CDJ600	WP-CDJ600/09
10	4	Machine Screw Csk M4 x 6mm Skt	WP-SCW/77
11	1	Trend CDJ300 Label	WP-CDJ300/11
	1	Trend CDJ600 Label	WP-CDJ600/11
12	2	Machine Screw Csk M6 x 40mm Skt CDJ300	WP-SCW/81
	2	Machine Screw Csk M8 x 50mm Skt CDJ600	WP-SCW/82
13	2	Knob Female M6 CDJ300	WP-CDJ/13
	2	Knob Female M8 CDJ600	WP-CDJ600/13
14	2	Nylon spacer for M6 CDJ300 >2004	WP-CDJ300/14
	2	Nylon spacer for M6 CDJ600 >2004	WP-CDJ600/14
15	2	Comb Adjustment Stop M6 CDJ300 >2004	WP-NUT/15
	2	Comb Adjustment Stop M8 CDJ600 >2004	WP-NUT/09
16	4	Set Screw M5 x 5mm	WP-CDJ/16
17	4	Rubber Foot	WP-CDJ/17
18	1	Hex Key 2.5mm A/F	WP-AP/25
19	1	Hex Key 4mm A/F CDJ300	WP-AP/04
	1	Hex Key 5mm A/F CDJ600	WP-AP/05
20	1	Guide Bush 5/8" x 1/4"	GB158
21	2	Machine Screw Csk M5 x 8mm Slot	WP-SCW/09
22	4	Self Tapping Screw Csk No.8 x 25mm Pozi	WP-SCW/100
23	1	Dovetail Bit 1/2" Dia x 104 Deg	C041A
24	1	Manual	MANU/CDJ
FOR CDJ600			
46	2	Knob Female M6 CDJ600	WP-CDJ/46
67	1	Sliding Stop Bar Left CDJ600	WP-CDJ600/67/USA
68	1	Sliding Stop Bar Right CDJ600	WP-CDJ600/68
69	1	Label Scale Pack (Left & Right) CDJ600	WP-CDJ600/69
70	2	Sliding Stop U Bracket CDJ600	WP-CDJ600/70
71	2	Sliding Stop Spacer CDJ600	WP-CDJ600/71

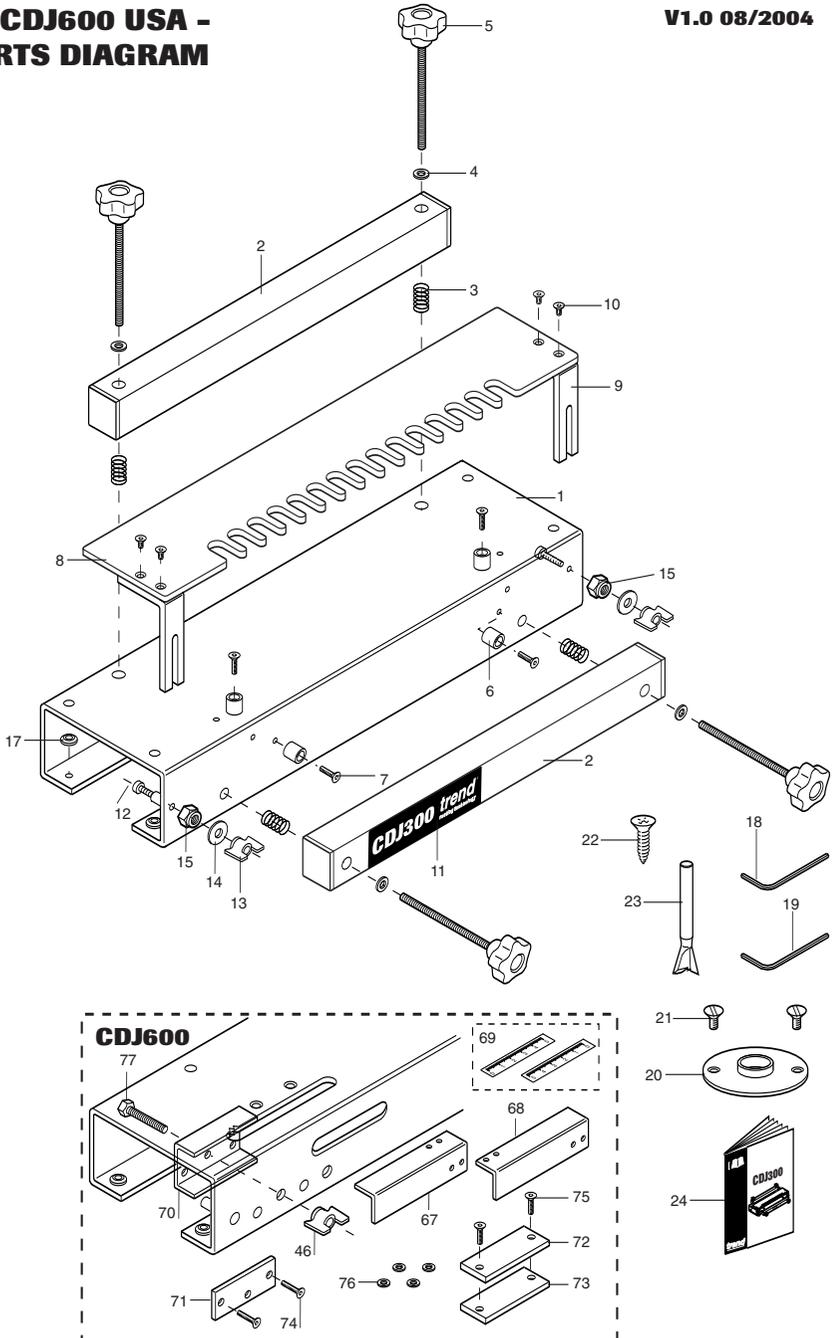
CDJ300 & CDJ600 USA - SPARE PARTS LIST			v1.0 08/2004
No.	Qty.	Desc.	Ref.
72	2	Sliding Stop Clamp Spacer (Hole) CDJ600	WP-CDJ600/72
73	2	Sliding Stop Clamp Spacer (Tapped) CDJ600	WP-CDJ600/73
74	4	Machine Screw Csk M4 x 12 Skt CDJ600	WP-SCW/78
75	4	Machine Screw Csk M4 x 25mm Skt CDJ600	WP-SCW/79
76	8	Shim 6mm x 10mm x 0.2mm CDJ600	WP-CDJ600/76
77	2	Set Screw Hex M6 x 35mm CDJ600	WP-CDJ600/77
1/4" HALF BLIND CDJ300/01 & CDJ600/01			
7	4	Machine Screw Csk M4 x 6mm Slot	WP-SCW/84
9	2	Template Comb Bracket CDJ300	WP-CDJ300/09
	2	Template Comb Bracket CDJ600	WP-CDJ600/09
10	4	Machine Screw Csk M4 x 6mm Skt	WP-SCW/77
19	1	Hex Key 2.5mm A/F	WP-AP/25
21	2	Machine Screw Csk M5 x 8mm Slot	WP-SCW/09
25	1	Template Comb 1/4" Half Blind CDJ300	WP-CDJ300/25
	1	Template Comb 1/4" Half Blind CDJ600	WP-CDJ600/25
26	2	Edge Guide 15.8mm Dia x 6mm CDJ300 Green	WP-CDJ300/26
	2	Edge Guide 20.1mm Dia x 10.5mm CDJ600 Green	WP-CDJ600/26
27	2	Edge Guide 28.7mm Dia x 4mm CDJ300 Green	WP-CDJ300/27
	0	Edge Guide 10mm Dia x 10mm CDJ600 Silver	WP-CDJ600/06
28	1	Guide Bush 5/16" x 5/32"	GB78
29	1	Dovetail Cutter 1/4" Dia x 98 Deg	C154
1/2" BOX CDJ300/02 & CDJ600/02			
7	4	Machine Screw Csk M4 x 16mm Slot	WP-SCW/84
9	2	Template Comb Bracket CDJ300	WP-CDJ300/09
	2	Template Comb Bracket CDJ600	WP-CDJ600/09
10	4	Machine Screw Csk M4 x 6mm Skt	WP-SCW/77
19	1	Hex Key 2.5mm A/F	WP-AP/25
21	2	Machine Screw Csk M5 x 8mm Slot	WP-SCW/09
30	1	Template Comb 1/2 Box CDJ300	WP-CDJ300/30
	1	Template Comb 1/2 Box CDJ600	WP-CDJ600/30
31	2	Edge Guide 19.7mm Dia x 6mm CDJ300 Red	WP-CDJ300/31
	2	Edge Guide 11.3mm Dia x 8.5mm CDJ600 Red	WP-CDJ600/31
32	2	Edge Guide 17.3mm Dia x 31mm CDJ300 Red	WP-CDJ300/32
	2	Edge Guide 10mm x 33mm Dia CDJ600 Red	WP-CDJ600/32
33	2	Machine Screw Csk M4 x 40mm Skt	WP-SCW/80

CDJ300 & CDJ600 USA - SPARE PARTS LIST			v1.0 08/2004
No.	Qty.	Desc.	Ref.
34	1	Guide Bush 5/8" x 1/8"	GB158/A
35	1	Straight Cutter 1/2" Dia x 1" Cut	C021A
5/16" BOX CDJ300/03 & CDJ600/03			
7	4	Machine Screw Csk M4 x 16mm Slot	WP-SCW/84
9	2	Template Comb Bracket CDJ300	WP-CDJ300/09
	1	Template Comb Bracket CDJ600	WP-CDJ600/09
10	4	Machine Screw Csk M4 x 6mm Skt	WP-SCW/77
19	1	Hex Key 2.5mm A/F	WP-AP/25
21	2	Machine Screw Csk M5 x 8mm Slot	WP-SCW/09
33	2	Machine Screw Csk M4 x 40mm Skt	WP-SCW/80
36	1	Template Comb 5/16" Box CDJ300	WP-CDJ300/36
	1	Template Comb 5/16" Box CDJ600	WP-CDJ600/36
37	2	Edge Guide 14mm Dia x 6mm CDJ300 Blue	WP-CDJ300/37
	2	Edge Guide Stepped 10/26mm Dia CDJ600 Blue	WP-CDJ600/37
37A	2	Edge Guide 21mm Dia x 25mm CDJ300 Blue	WP-CDJ300/37A
38	1	Straight Cutter 5/16" Dia x 1" Cut	C012A
59	1	Guide Bush 7/16" x 1/8"	GB111/A
59A	1	Guide Bush 7/16" x 7/32" T3	GB111/B
1-1/4" DOWEL CDJ300/04 & CDJ600/04			
9	2	Template Comb Bracket CDJ300	WP-CDJ300/09
	2	Template Comb Bracket CDJ600	WP-CDJ600/09
21	2	Machine Screw Csk M5 x 8mm Slot	WP-SCW/09
34	1	Guide Bush 5/8" x 1/8"	GB158/A
39	1	Template Dowel 1-1/4" CDJ300	WP-CDJ300/39
	1	Template Dowel 1-1/4" CDJ600	WP-CDJ600/39
40	1	Fence Bar Dowel Template CDJ300	WP-CDJ300/40
41	2	Edge Guide 11.5mm Dia x 6mm CDJ300 Grey	WP-CDJ300/41
	0	Edge Guide 10mm Dia x 10mm CDJ600 Silver	WP-CDJ600/06
42	2	Edge Guide 13mm Dia x 6mm CDJ300 Grey	WP-CDJ300/42
	2	Edge Guide 12.4mm Dia x 10.5mm CDJ600 Grey	WP-CDJ600/42
43	4	Machine Screw Cap M4 x 20mm Skt	WP-SCW/78
44	4	Knob Female M4	WP-CDJ/44
45	4	Washer 4.3mm x 9mm x 0.8mm	WP-WASH/04
46	2	Knob Female M6	WP-CDJ/46
47	2	Machine Screw Cap M6 x 25mm Skt	WP-SCW/79
48	2	Washer 6.4mm x 12mm x 1.5mm	WP-WASH/12
49	1	Dowel Pin Hole Stop 3mm Dia Pin	WP-CDJ/49
50	1	Dowel Pin Hole Stop 5mm Dia Pin	WP-CDJ/50
51	1	Dowel Pin Hole Stop 6mm Dia Pin	WP-CDJ/51
52	1	Dowel Pin Hole Stop 8mm Dia Pin	WP-CDJ/52
53	1	Dowel Pin Hole Stop 10mm Dia Pin	WP-CDJ/53
54	1	Hex Key 3mm A/F	WP-AP/03

CDJ300 & CDJ600 USA - SPARE PARTS LIST			v1.0 08/2004
No.	Qty.	Desc.	Ref.
55	1	Hex Key 5mm A/F	WP-AP/05
56	1	Router Dowel Drill 3mm Dia x 14mm Cut	C180
	1	Router Dowel Drill 5mm Dia x 35mm Cut	C174
	1	Router Dowel Drill 6mm Dia x 35mm Cut	C175
	1	Router Dowel Drill 8mm Dia x 35mm Cut	C176
	1	Router Dowel Drill 10mm Dia x 35mm Cut	C177
1/2" THROUGH CDJ300/05 & CDJ600/05			
7	4	Machine Screw Csk M4 x 16mm Slot (CDJ300)	WP-SCW/84
9	2	Template Comb Bracket CDJ300	WP-CDJ300/09
	2	Template Comb Bracket CDJ600	WP-CDJ600/09
10	4	Machine Screw Csk M4 x 6mm Socket	WP-SCW/77
19	1	Hex Key 2.5mm A/F	WP-AP/25
21	2	Machine Screw Csk M5 x 8mm Slot	WP-SCW/09
34	1	Guide Bush 5/8" x 1/8"	GB158/A
57	1	Template Comb 1/2 Through CDJ300	WP-CDJ300/57
	1	Template Comb 1/2 Through CDJ600	WP-CDJ600/57
58	2	Edge Guide 21.9mm Dia x 5.6mm CDJ300 Brown	WP-CDJ300/58
	0	Edge Guide 10mm Dia x 10mm CDJ600 Silver	WP-CDJ600/06
59	1	Guide Bush 7/16" x 1/8"	GB111/A
59A	1	Guide Bush 7/16" x 7/32" T3	GB111/B
60	1	Straight Cutter 5/16" Dia x 1"	C012A
61	1	Dovetail Cutter 1/2" Dia x 98 Deg	C178
3/4" THROUGH CDJ300/06 & CDJ600/06			
7	4	Machine Screw Csk M4 x 16mm Skt (CDJ300)	WP-SCW/84
9	2	Template Comb Bracket CDJ300	WP-CDJ300/09
	2	Template Comb Bracket CDJ600	WP-CDJ600/09
10	4	Machine Screw Csk M4 x 6mm Socket	WP-SCW/77
19	1	Hex Key 2.5mm A/F	WP-AP/25
21	2	Machine Screw Csk M5 x 8mm Slot	WP-SCW/09
34	1	Guide Bush 5/8" x 1/8"	GB158/A
62	1	Template Comb 3/4 Through CDJ300	WP-CDJ300/62
	1	Template Comb 3/4 Through CDJ600	WP-CDJ600/62
63	2	Edge Guide 16.4mm Dia x 6mm CDJ300 Violet	WP-CDJ300/63
	0	Edge Guide 10mm Dia x 10mm CDJ600 Silver	WP-CDJ600/06
64	1	Guide Bush 7/8" x 5/32"	GB22/A
65	1	Straight Cutter 1/2" Dia x 1"	C021
66	1	Dovetail Cutter 3/4" Dia x 97 Deg	C179

**CDJ300 & CDJ600 USA -
SPARE PARTS DIAGRAM**

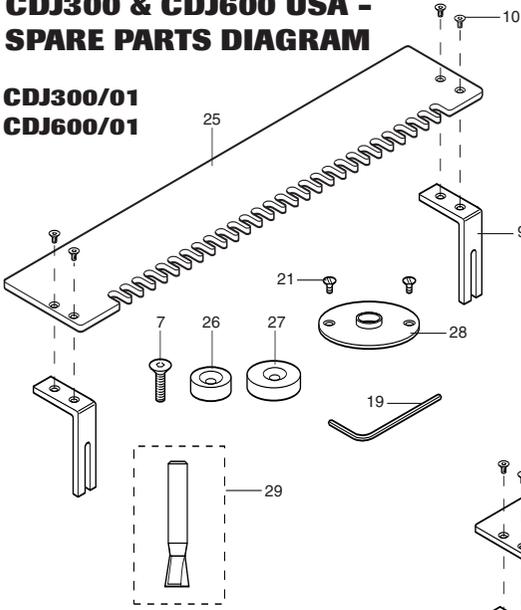
V1.0 08/2004



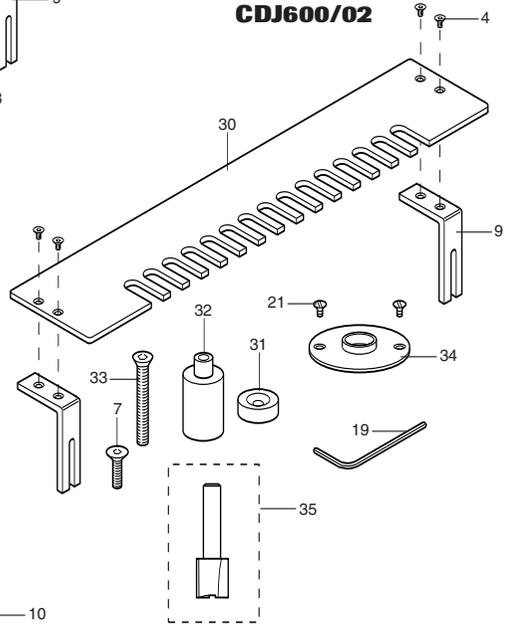
**CDJ300 & CDJ600 USA -
SPARE PARTS DIAGRAM**

V1.0 08/2004

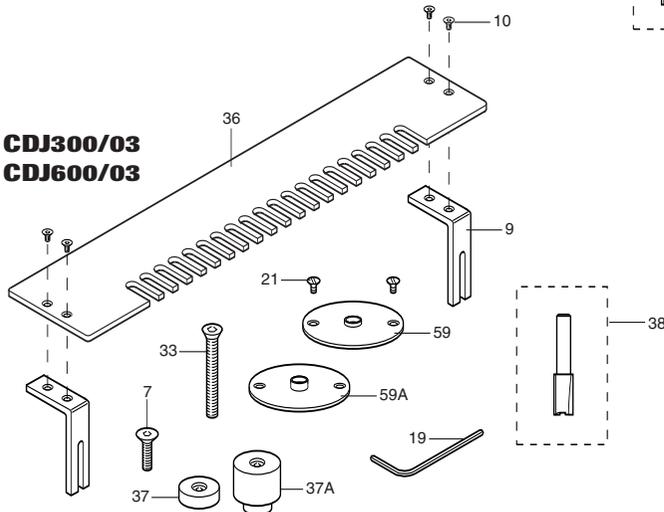
**CDJ300/01
CDJ600/01**



**CDJ300/02
CDJ600/02**



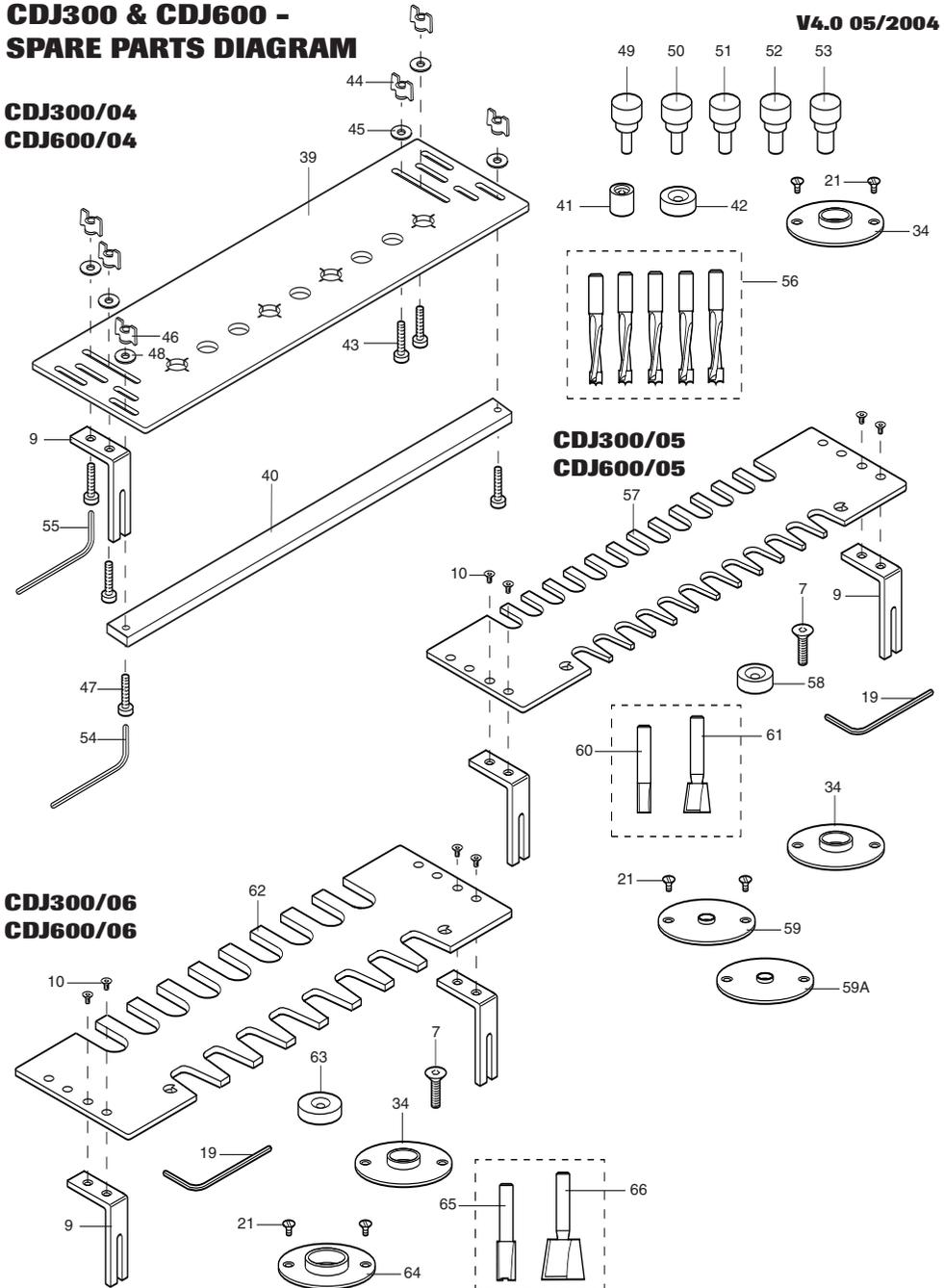
**CDJ300/03
CDJ600/03**



**CDJ300 & CDJ600 -
SPARE PARTS DIAGRAM**

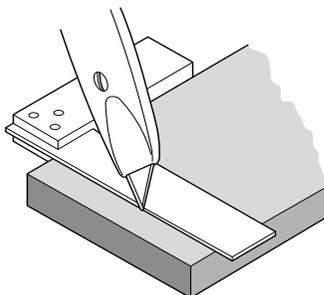
V4.0 05/2004

**CDJ300/04
CDJ600/04**



TROUBLE SHOOTING

- **Tear out** - this occurs when cutting across the grain and can be overcome by scribing the ends of the timber with a marking knife or gauge at the height of the cutter.
- **Half Blind Dovetail joint too loose** - increase depth adjustment of bit.
- **Half Blind Dovetail joint too tight** - decrease depth adjustment of bit.
- **Half Blind Dovetail joint too shallow** - move template comb towards the jig body by adjusting the lock stop.
- **Half Blind Dovetail joint too deep** - move template comb away from the jig body by adjusting the lock stop.
- **Box comb joint too shallow** - increase depth adjustment of bit.
- **Box comb joint too deep** - decrease depth adjustment of bit.
- **Through dovetail joint too loose** - move template for pin away from jig body.
- **Through dovetail joint too tight** - move template for pin towards jig body.



NOTES

MANU/CDJ/USA v1.0



RECYCLABLE

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