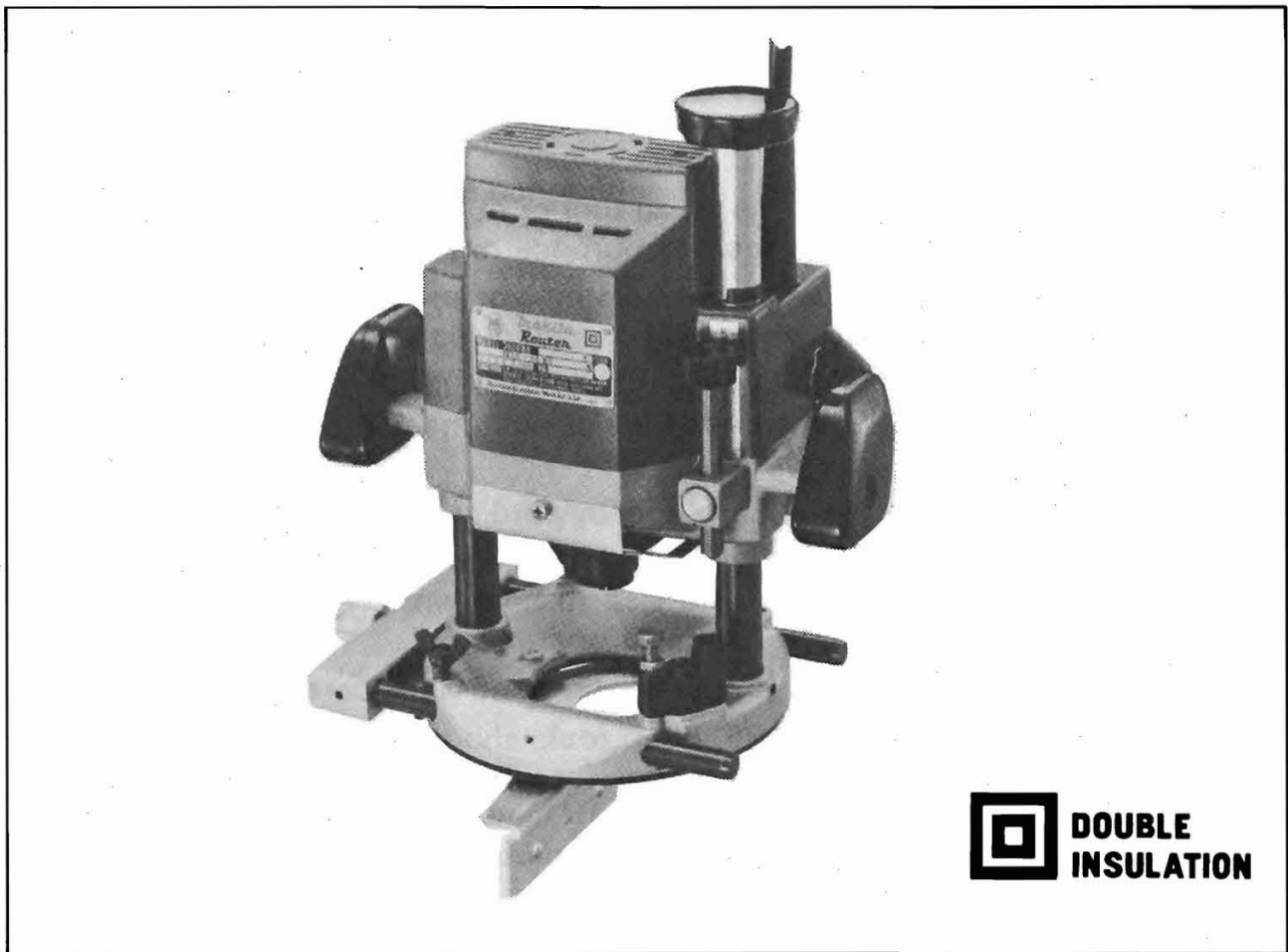


Makita

Router

12 mm (1/2") MODEL 3600BR

INSTRUCTION MANUAL



SPECIFICATIONS

Collet chuck capacity	Main body stroke	No load speed (RPM)	Overall height	Net weight
12 mm or 1/2"	0 – 60 mm (0 – 2-3/8")	22,000	225 mm (8-7/8")	5 kg (11 lbs)

- * Manufacturer reserves the right to change specifications without notice.
- * Note: Specifications may differ from country to country.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS.

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
2. **CONSIDER WORK AREA ENVIRONMENT.** Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use tool in presence of flammable liquids or gases.
3. **KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Don't let visitors contact tool or extension cord.
4. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
5. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
6. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended.
7. **DRESS PROPERLY.** Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
8. **USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty.
9. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
10. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
11. **DON'T OVERREACH.** Keep proper footing and balance at all times.
12. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
13. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
14. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
15. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is OFF when plugging in.
16. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.

17. **STAY ALERT.** Watch what you are doing, use common sense. Don't operate tool when you are tired.
18. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Don't use tool if switch does not turn it on and off.
19. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
20. **REPLACEMENT PARTS.** When servicing, use only identical replacement parts.

VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in **SERIOUS INJURY** to the user — as well as damage to the tool. If in doubt, **DO NOT PLUG IN THE TOOL.** Using a power source with voltage less than the nameplate rating is harmful to the motor.

ADDITIONAL SAFETY RULES

1. Handle the bits very carefully.
2. Check the bit carefully for cracks or damage before operation. Replace cracked or damaged bit immediately.
3. Avoid cutting nails. Inspect for and remove all nails from the workpiece before operation.
4. Hold the tool firmly with both hands.
5. Keep hands away from rotating parts.
6. Make sure the bit is not contacting the workpiece before the switch is turned on.
7. Before using the tool on an actual workpiece, let it run for a while. Watch for vibration or wobbling that could indicate improperly installed bit.
8. Be careful of the bit rotating direction and the feed direction.
9. Do not leave the tool running. Operate the tool only when hand-held.
10. Always switch off and wait for the bit to come to a complete stop before removing the tool from workpiece.
11. Do not touch the bit immediately after operation; it may be extremely hot and could burn your skin.

SAVE THESE INSTRUCTIONS.

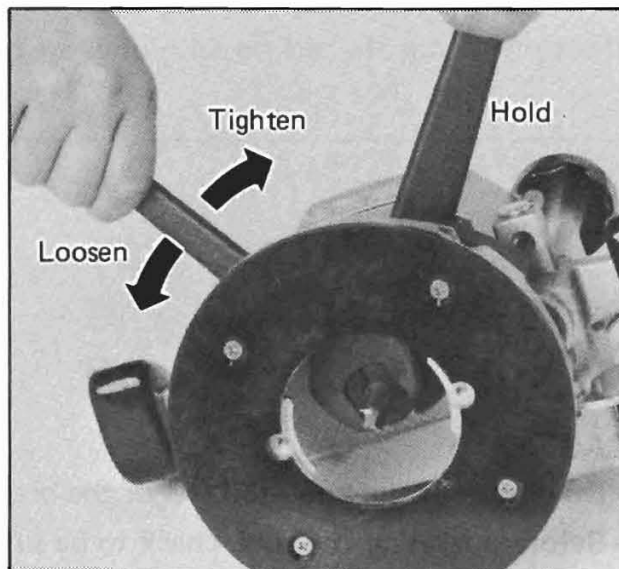
Installing or removing router bit

CAUTION:

Always be sure that the tool is switched off and unplugged before installing or removing the bit.

Insert the bit all the way into the collet chuck and withdraw it very slightly (approx. 2 mm; 1/16"). Then tighten the collet chuck securely with the two wrenches. When using smaller shank bits, first insert the appropriate collet sleeve into the collet chuck, then install the bit as mentioned above.

To remove the bit, follow the installation procedure in reverse.

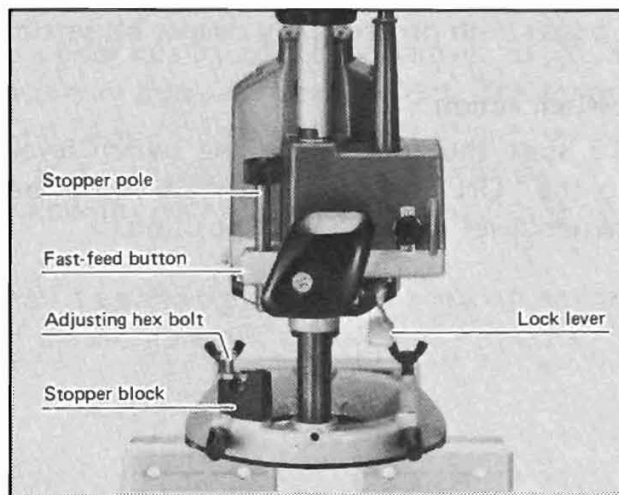


CAUTION:

Do not tighten the collet chuck without inserting a bit or install smaller shank bits without using a collet sleeve. Either can lead to breakage of the collet chuck.

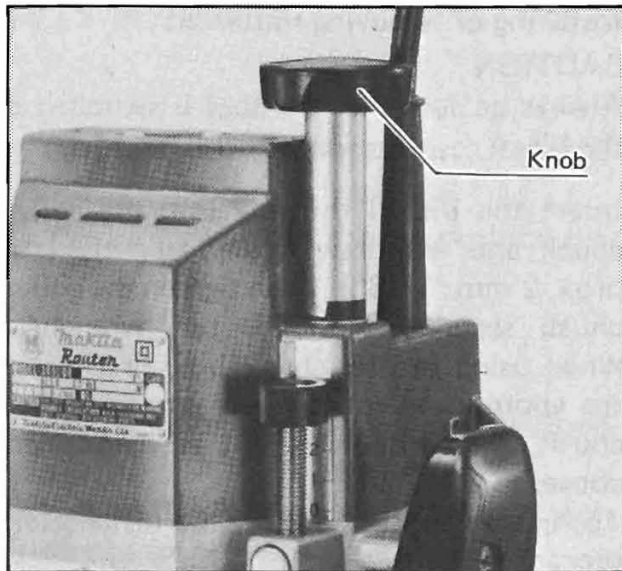
Adjusting depth of cut

Place the tool on a flat surface. Loosen the lock lever and lower the tool body until the bit just touches the flat surface. Press the lock lever down to lock the tool body. Now lower the stopper pole until it makes contact with the stopper block. The stopper pole can be moved rapidly by depressing the fast-feed button. Raise the stopper pole until the desired depth of cut is obtained. The depth of cut is equal to the distance between the stopper pole and the stopper block.



Stopper pole travel can be checked with the scale label (1 mm or about 3/64" per graduation) on the tool body. Minute depth adjustments can be obtained by turning the stopper pole (1.5 mm or about 1/16" per turn). The stopper block has an adjusting hex bolt which moves 1 mm (about 3/64") per turn. It is convenient for making stepped cuts. To adjust the hex bolt, first loosen the hex nut on the hex bolt with the wrench and then turn the hex bolt. After obtaining the desired position, tighten the hex nut.

By turning the knob, the upper limit of the tool body can be adjusted. When the tip of the bit retracted more than required in relation to the base plate surface, turn the knob to lower the upper limit.

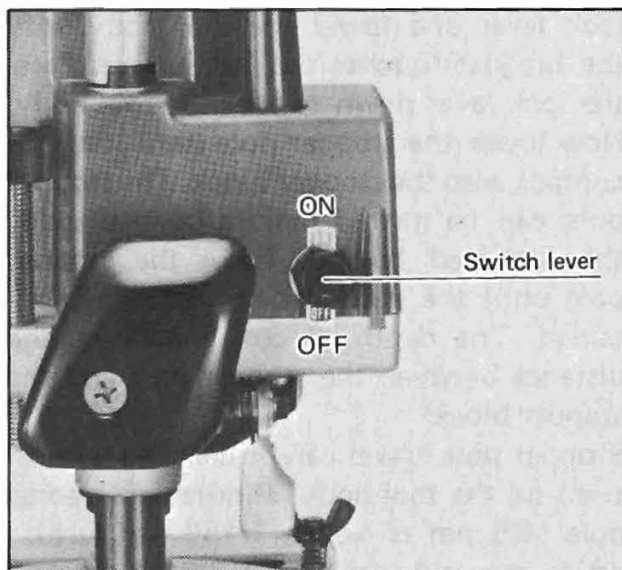


CAUTION:

- Do not lower the knob too low or the bit will protrude dangerously.
- Before operating the tool, check to be sure that the tool body automatically rises to the upper limit.
- Do not exceed the upper limit marking on the column when raising the tool body.
- Since excessive cutting may cause overload of the motor or difficulty in controlling the tool, the depth of cut should not be more than 15 mm (5/8") at a pass when cutting grooves. When you wish to cut grooves more than 15 mm (5/8") deep, make several passes with progressively deeper bit settings.

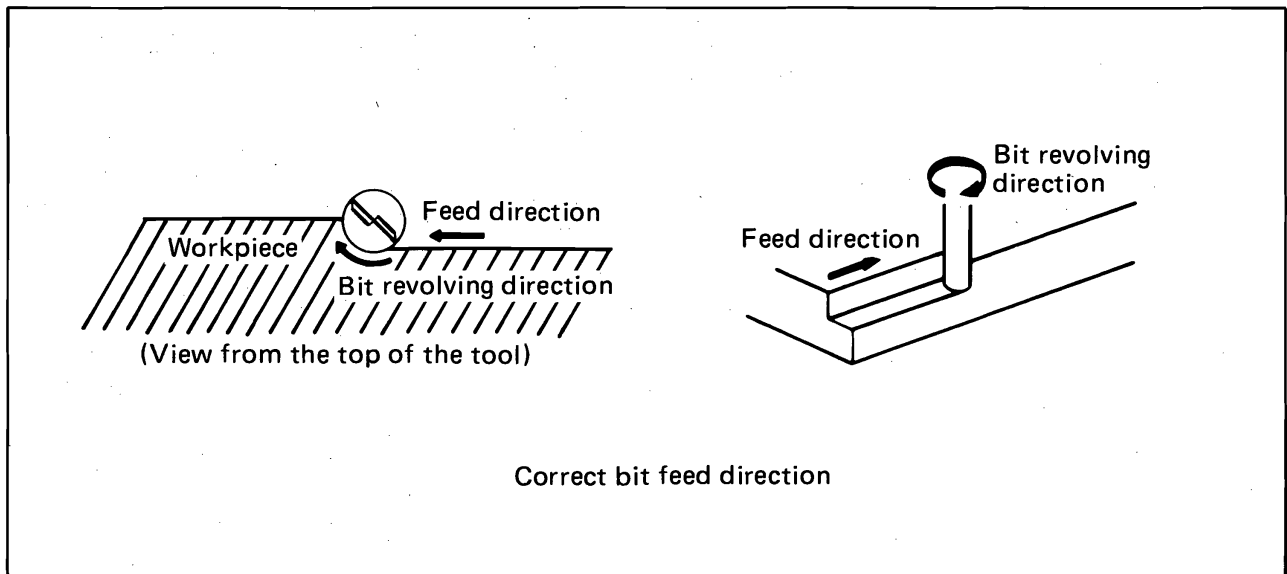
Switch action

To start the tool, move the switch lever to the "ON" position. To stop, move the switch lever to the "OFF" position.



Operation

- Set the tool base on the workpiece to be cut without the bit making any contact. Then turn the tool on and wait until the bit attains full speed. Lower the tool body and move the tool forward over the workpiece surface, keeping the tool base flush and advancing smoothly until the cutting is complete.
- When doing edge cutting, the workpiece surface should be on the left side of the bit in the feed direction. (See the figure below)

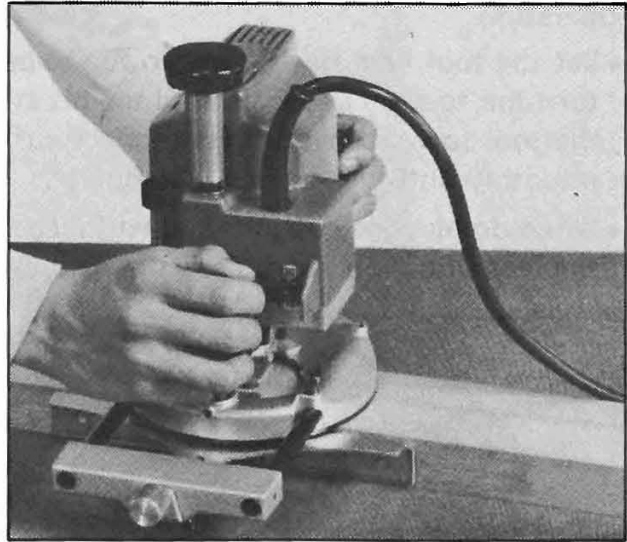


NOTE:

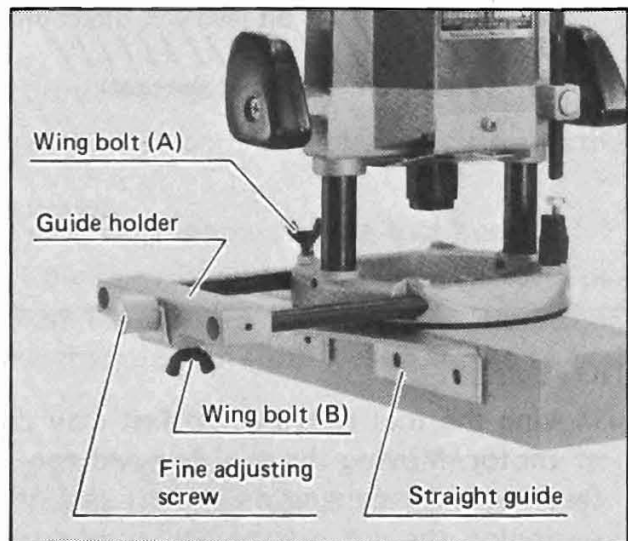
- Moving the tool forward too fast may cause a poor quality of cut, or damage to the bit or motor. Moving the tool forward too slowly may burn and mar the cut. The proper feed rate will depend on the bit size, the kind of workpiece and depth of cut. Before beginning the cut on the actual workpiece, it is advisable to make a sample cut on a piece of scrap lumber. This will show exactly how the cut will look as well as enable you to check dimensions.
- When using the straight guide, be sure to install it on the right side in the feed direction. This will help to keep it flush with the side of the workpiece.

Straight guide

The straight guide is effectively used for straight cuts when chamfering or grooving.



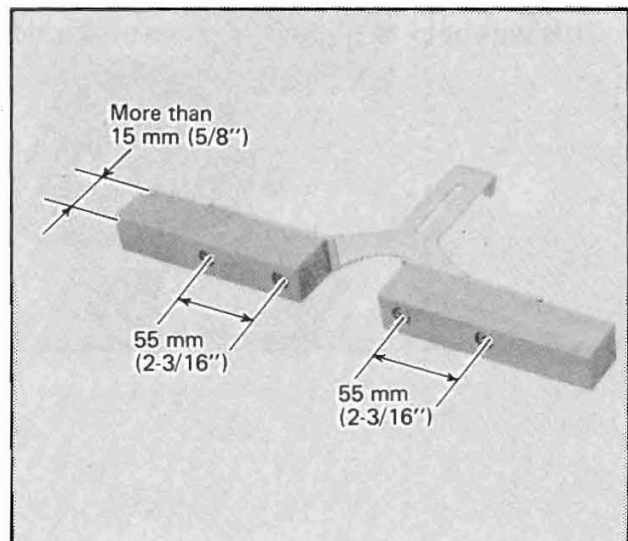
Install the straight guide on the guide holder with the wing bolt (B). Tighten the wing bolt (B) only tight enough to hold the straight guide temporarily. Then insert the guide holder into the holes in the tool base and tighten the wing bolts (A). Adjust the distance between the bit and the straight guide by turning the fine adjusting screw (1.5 mm or about 1/16" per turn). At the desired distance, tighten the wing bolt (B) to secure the straight guide in place.



When cutting, move the tool with the straight guide flush with the side of the workpiece.

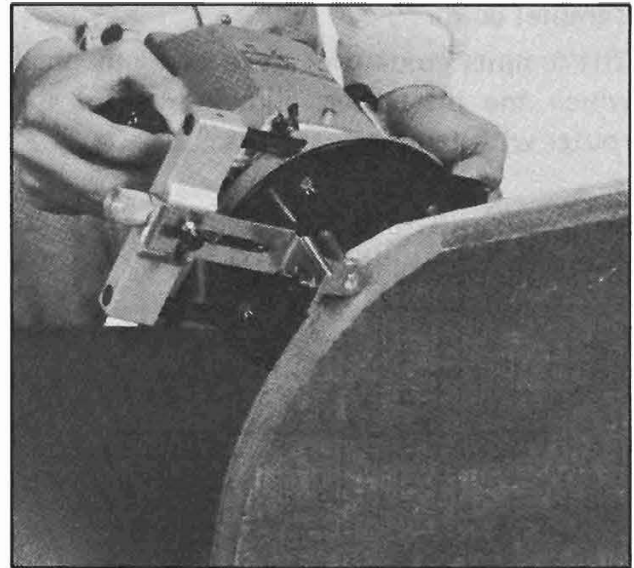
Wider straight guide of desired dimensions may be made by using the convenient holes in the guide to bolt on extra pieces of wood.

When using a board-jointing bit, attach pieces of wood to the straight guide which have a thickness of more than 15 mm (5/8") so that the bit does not strike the straight guide.

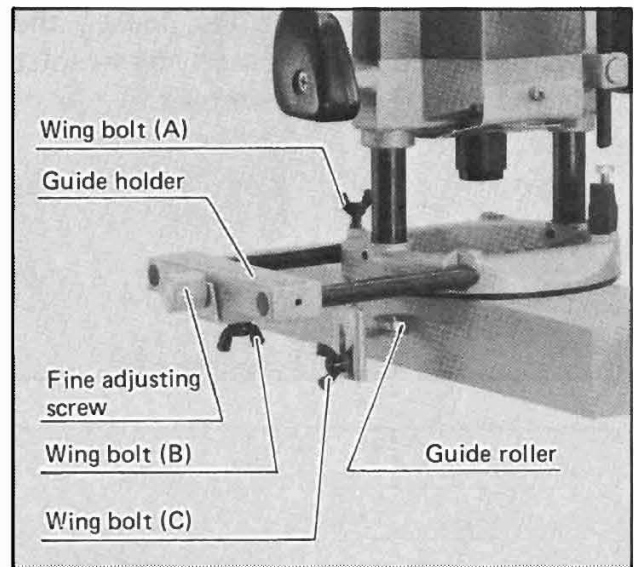


Trimmer guide

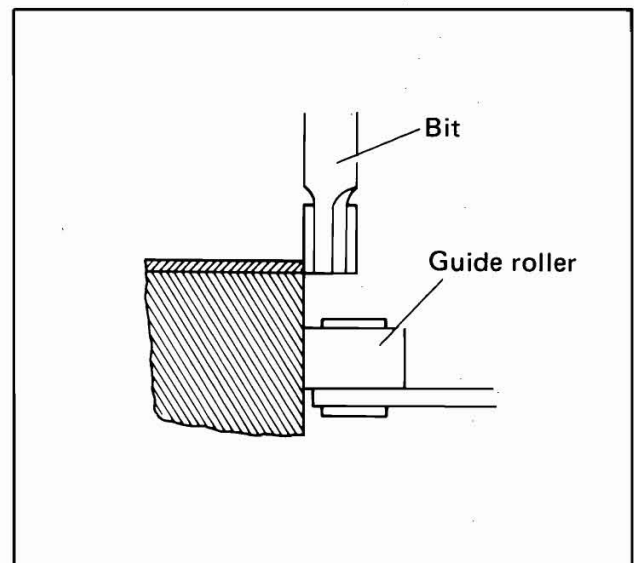
Trimming, curved cuts in veneers for furniture and the like can be done easily with the trimmer guide. The guide roller rides the curve and assures a fine cut.



Install the trimmer guide on the guide holder with the wing bolt (B). Tighten the wing bolt (B) only tight enough to hold the trimmer guide temporarily. Then insert the guide holder into the holes in the tool base and tighten the wing bolt (A). Adjust the distance between the bit and the trimmer guide by turning the fine adjusting screw (1.5 mm or about 1/16" per turn). At the desired distance, tighten the wing bolt (B) to secure the trimmer guide in place. When adjusting the guide roller up or down, loosen the wing bolt (C). After adjusting it, tighten the wing bolt (C) securely.

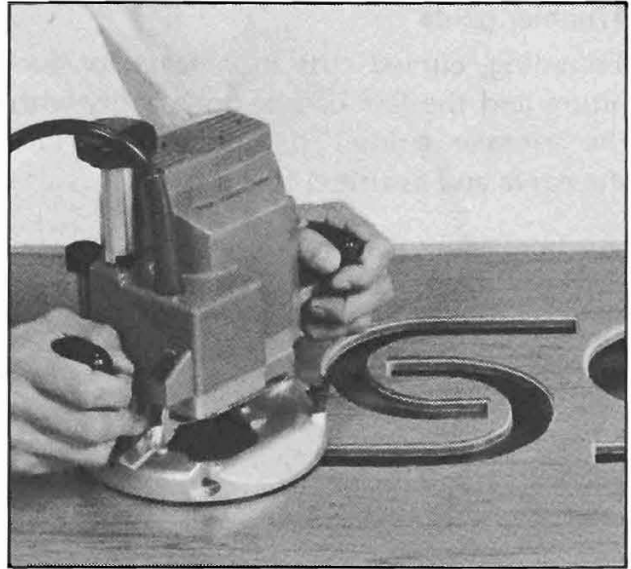


When cutting, move the tool with the guide roller riding the side of the workpiece.

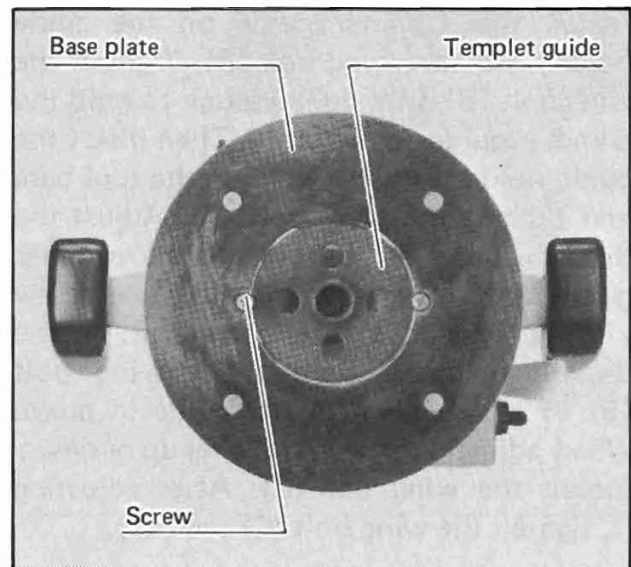


Templet guide

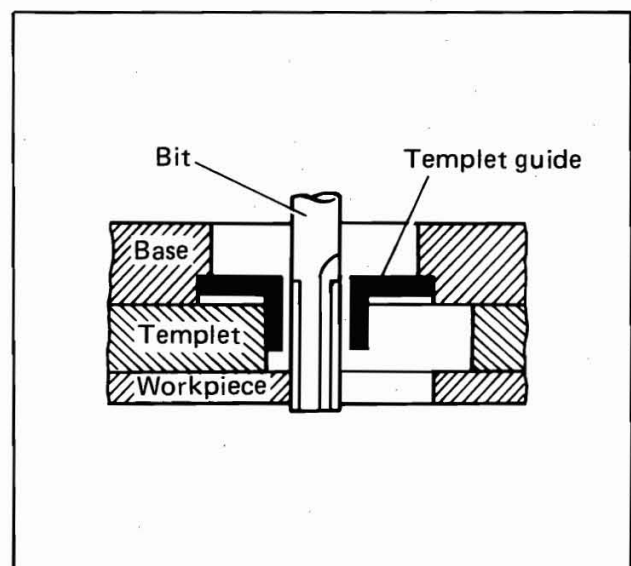
The templet guide provides a sleeve through which the bit passes, allowing use of the router with templet patterns.



To install the templet guide, loosen the screws on the tool base, insert the templet guide and then tighten the screws.



Secure the templet to the workpiece. Place the tool on the templet and move the tool with the templet guide sliding along the side of the templet.



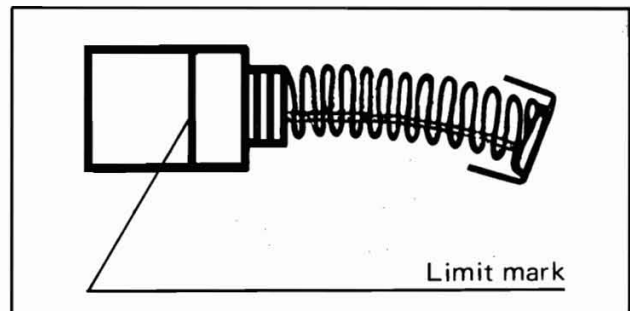
MAINTENANCE

CAUTION:

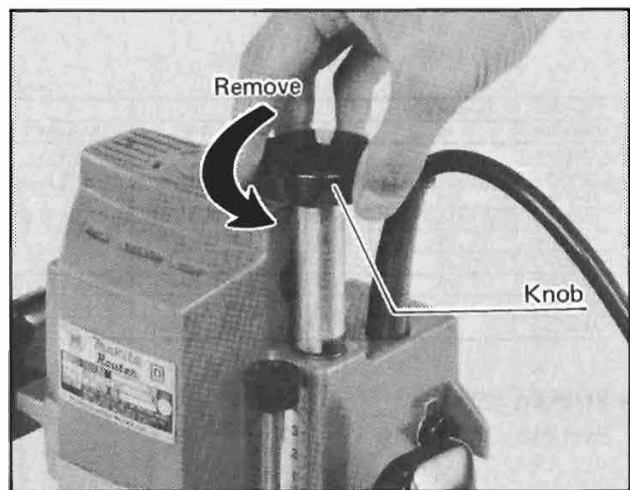
Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

Replacing carbon brushes

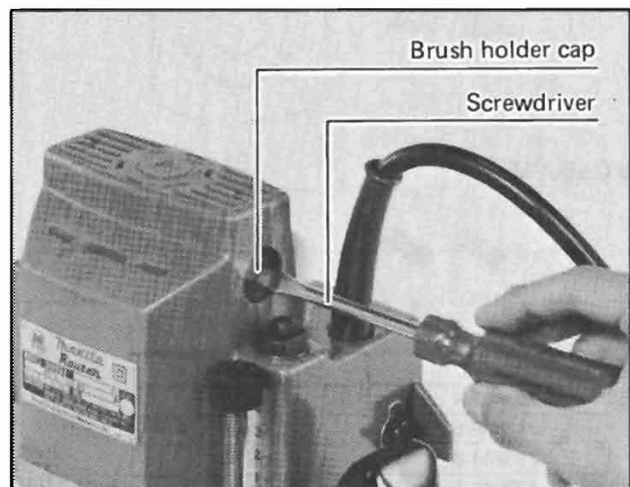
Remove and check the carbon brushes regularly. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.



Release the lock lever and remove the knob by turning it counterclockwise. The compression spring will come out of the knob, so be careful not to lose the compression spring.



Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.



Put the compression spring on the nut and install the knob by turning clockwise, while pressing it down.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

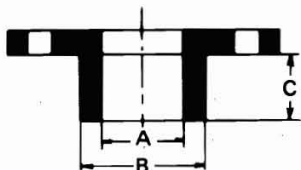
ACCESSORIES

CAUTION:

These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. The accessories or attachments should be used only in the proper and intended manner.

● Templet guide

For fast production of complex shapes when a templet is employed.



Part No.	Templet guide	A	B	C
164379-4	10	7.7 (19/64")	9.5 (3/8")	11.5 (29/64")
164775-6	11	9 (23/64")	11 (7/16")	13 (33/64")
164388-3	12	10 (25/64")	12 (15/32")	9 (23/64")
164776-4	13	11 (7/16")	12.7 (1/2")	13 (33/64")
164835-4	16	14.5 (37/64")	16 (5/8")	
164393-0	20	18 (45/64")	20 (25/32")	15 (19/32")
164470-8	27	24 (15/16")	27 (1-1/16")	
163080-8	29	25 (63/64")	29 (1-9/64")	13 (33/64")
164471-6	30	27 (1-1/16")	30 (1-3/16")	11.5 (29/64")
164472-4	40	37 (1-29/64")	40 (1-37/64")	

● Straight guide

Part No. 342428-9



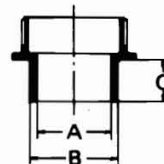
● Collet sleeve



Part No.	Size
763801-4	6 mm
763808-0	6.35 mm (1/4")
763804-8	8 mm
763807-2	10 mm
◆ 763803-0	1/4"
◆ 763805-6	3/8"
◆ 763806-4	10 mm

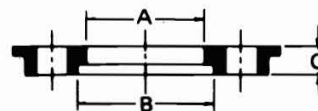
◆ Available for inch collet chuck

● Templet guide 25



Part No.	Templet guide	A	B	C
321812-1	25	22.6 (57/64")	25.4 (1")	11 (7/16")

● Templet guide adapter (for templet guide 25)



Part No.	A	B	C
321492-3	30 (1-3/16")	35 (1-3/8")	7 (9/32")

● Guide holder assembly

Part No. 122256-6



● Trimmer guide assembly

Part No. 123022-4



● Lock nut

(For templet guide 25)

Part No. 252627-4

- **Wrench 21**
Part No. 781208-2



- **Wrench 23**
Part No. 781209-0

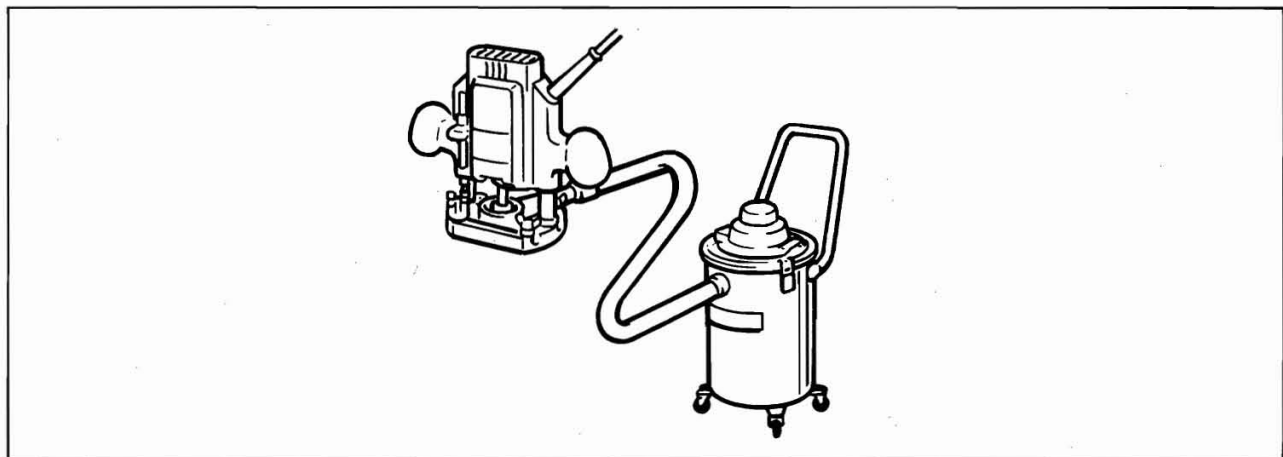
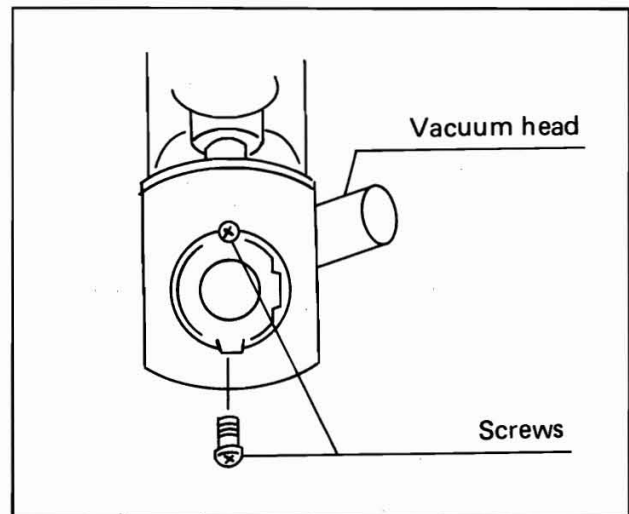
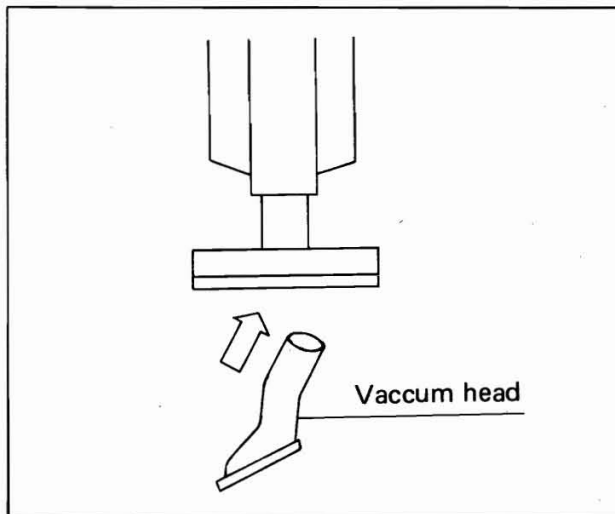


- **Router stand**
Part No. STEX122159



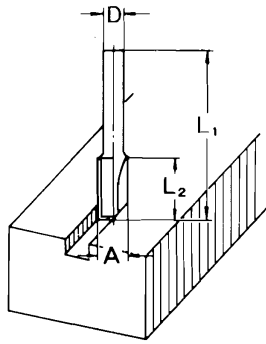
- **Vacuum head set**
Part No. 192036-4

When you wish to perform clean cutting operation, use this vacuum head. Install the vacuum head on the router base using the two screws and connect a vacuum cleaner to the vacuum head.



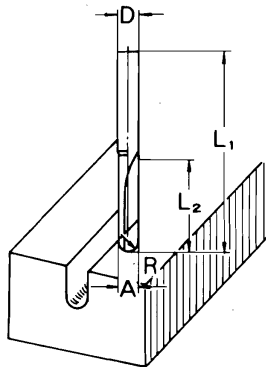
Router Bits

Straight bit



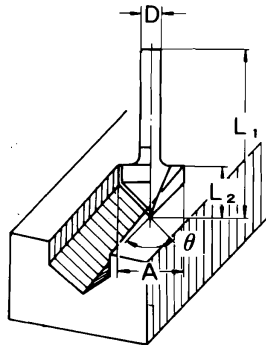
Part No.		D	A	L ₁	L ₂
793143-2	20	6	20	50	15
793160-2	20E	1/4	(25/32")	(1-31/32")	(19/32")
793060-6	12	12	12	60	30
793088-4	12E	1/2	(15/32")	(2-3/8")	(1-3/16")
793059-1	10	12	10	60	25
793102-6	10E	1/2	(25/64")	(2-3/8")	(63/64")
793126-2	8	8	8 (5/16")	60 (2-3/8")	25 (63/64")
793077-9	8	6	8 (5/16")	50	18
793103-4	8E	1/4	(5/16")	(1-31/32")	(45/64")
793076-1	6	6	6 (15/64")	50	18
793074-5	6E	1/4	(15/64")	(1-31/32")	(45/64")
793367-0	20	12	20	60	20
793368-8	20E	1/2	(25/32")	(2-3/8")	(25/32")

"U" Grooving bit



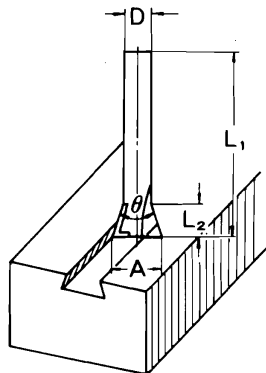
Part No.		D	A	L ₁	L ₂	R
793065-6	12	12	12	55	20	6
793100-0	12E	1/2	(15/32")	(2-5/32")	(25/32")	(15/64")
793079-5	6	6	6	60	28	3
793101-8	6E	1/4	(15/64")	(2-3/8")	(1-3/32")	(1/8")

"V" Grooving bit



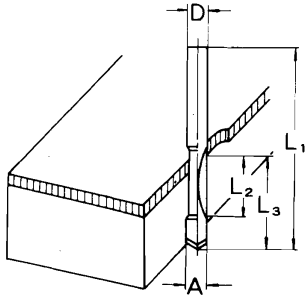
Part No.		D	A	L ₁	L ₂	θ
793193-7	20	6	20	50	15	90°
793194-5	20E	1/4	(25/32")	(1-31/32")	(19/32")	

Dovetail bit



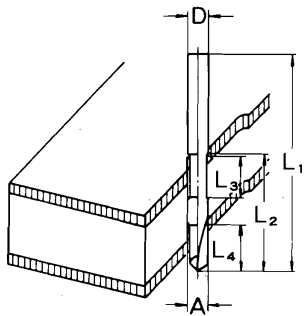
Part No.		D	A	L ₁	L ₂	θ
793095-7	15S	8	14.5	55	10	35°
793124-6	15SE	3/8	(9/16")	(2-5/32")	(25/64")	
793094-9	15L	8	14.5	55	14.5	23°
793125-4	15LE	3/8	(9/16")	(2-5/32")	(9/16")	
793066-4	12	8	12	50	9	30°
793123-8	12E	3/8	(15/32")	(1-31/32")	(23/64")	

Drill point flush trimming bit



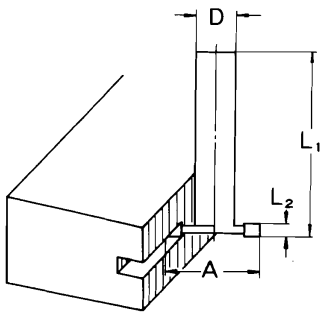
Part No.		D	A	L ₁	L ₂	L ₃
793064-8	12	12	12	60	20	35
793106-8	12E	1/2	12 (15/32")	60 (2-3/8")	20 (25/32")	35 (1-3/8")
793063-0	8	8	8	60	20	35
793107-6	8E	3/8	8 (5/16")	60 (2-3/8")	20 (25/32")	35 (1-3/8")
793078-7	6	6	6	60	18	28
793108-4	6E	1/4	6 (15/64")	60 (2-3/8")	18 (45/64")	28 (1-3/32")

Drill point double flush trimming bit



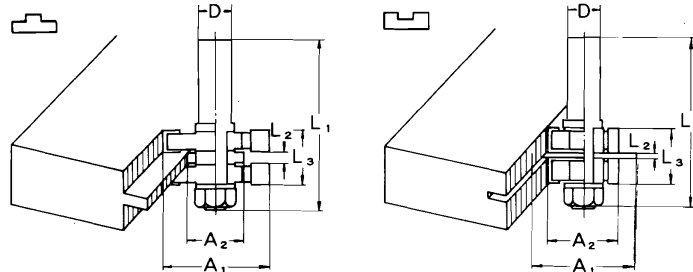
Part No.		D	A	L ₁	L ₂	L ₃	L ₄
793062-2	12	12	12	80	55	20	25
793109-2	12E	1/2	12 (15/32")	80 (3-5/32")	55 (2-5/32")	20 (25/32")	25 (63/64")
793127-0	12	12	12	80	55	20	25
793061-4	8	8	8	80	55	20	25
793110-7	8E	3/8	8 (5/16")	80 (3-5/32")	55 (2-5/32")	20 (25/32")	25 (63/64")
793091-5	6	6	6	70	40	12	14
793111-5	6E	1/4	6 (15/64")	70 (2-3/4")	40 (1-37/64")	12 (15/32")	14 (35/64")

Slotting cutter



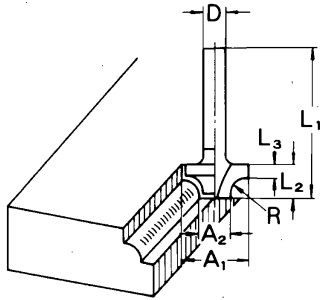
Part No.		D	L ₁	L ₂	A
793068-0	6	12	55	6	30
793121-2	6E	1/2	55 (2-5/32")	6 (15/64")	30 (1-3/16")
793067-2	3	12	55	3	30
793122-0	3E	1/2	55 (2-5/32")	3 (1/8")	30 (1-3/16")

Board-jointing bit



Part No.		D	A ₁	A ₂	L ₁	L ₂	L ₃
793190-3		12	38	27	61	4	20
793192-9		1/2	38 (1-1/2")	27 (1-1/16")	61 (2-13/32")	4 (5/32")	20 (25/32")
793189-8		12	38	26	61	4	20
793191-1		1/2	38 (1-1/2")	26 (1-1/32")	61 (2-13/32")	4 (5/32")	20 (25/32")

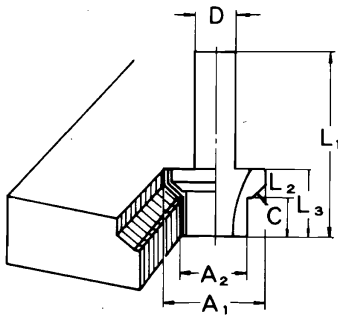
Corner rounding bit



Part No.		D	A ₁	A ₂	L ₁	L ₂	L ₃	R
793142-4	8R	6	25	9	48	13	5	8
793159-7	8RE	1/4	(63/64")	(23/64")	(1-57/64")	(33/64")	(13/64")	(5/16")
793070-3	6R	12	20	8	50	10	4	6
793104-2	6RE	1/2	(25/32")	(5/16")	(1-31/32")	(25/64")	(5/32")	(15/64")
793081-8	4R	6	20	8	45	10	4	4
793105-0	4RE	1/4	(25/32")	(5/16")	(1-25/32")	(25/64")	(5/32")	(5/32")

mm

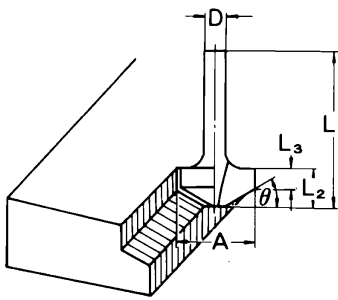
Chamfering bit



Part No.		D	A ₁	A ₂	L ₁	L ₂	L ₃	C
793072-9	30	12	30	20	55	12	20	4
793114-9	30E	1/2	(1-3/16")	(25/32")	(2-5/32")	(15/32")	(25/32")	(5/32")

mm

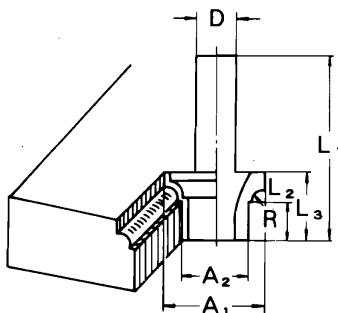
Chamfering bit



Part No.		D	A	L ₁	L ₂	L ₃	θ
793144-0	30°	6	23	46	11	6	30°
793161-0	30°E	1/4	(29/32")	(1-13/16")	(7/16")	(15/64")	30°
793080-0	45°	6	20	50	13	5	45°
793075-3	45°E	1/4	(25/32")	(1-31/32")	(33/64")	(13/64")	45°
793145-8	60°	6	20	49	14	2	60°
793162-8	60°E	1/4	(25/32")	(1-15/16")	(35/64")	(5/64")	60°

mm

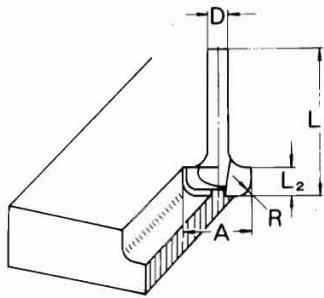
Beading bit



Part No.		D	A ₁	A ₂	L ₁	L ₂	L ₃	R
793071-1	4R	12	30	20	55	12	20	4
793113-1	4RE	1/2	(1-3/16")	(25/32")	(2-5/32")	(15/32")	(25/32")	(5/32")

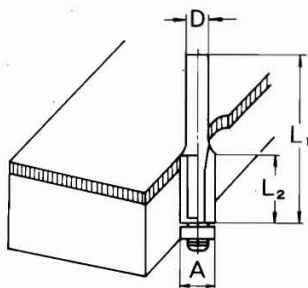
mm

Cove beading bit



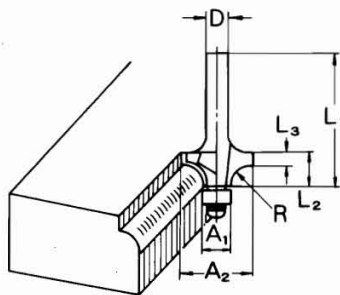
Part No.		D	A	L ₁	L ₂	R
793146-6	4R	6	20 (25/32")	43 (1-11/16")	8 (5/16")	4 (5/32")
793163-6	4RE	1/4				
793147-4	8R	6	25 (63/64")	48 (1-57/64")	13 (33/64")	8 (5/16")
793164-4	8RE	1/4				

Ball bearing flush trimming bit



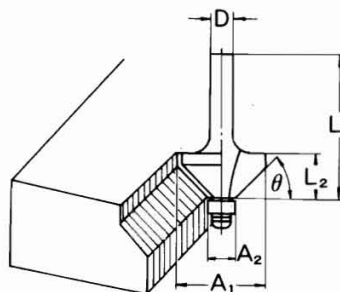
Part No.		D	A	L ₁	L ₂
793148-2	10	6	10 (25/64")	50 (1-31/32")	20 (25/32")
793165-2	10E	1/4			

Ball bearing corner rounding bit



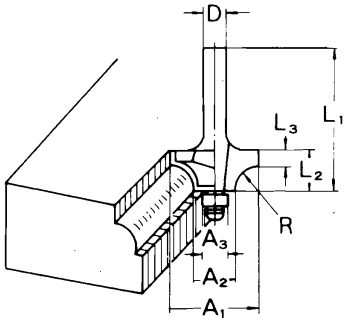
Part No.		D	A ₁	A ₂	L ₁	L ₂	L ₃	R
793151-3	1	6	15 (19/32")	8 (5/16")	37 (1-15/32")	7 (9/32")	3.5 (9/64")	3 (1/8")
793168-6	1E	1/4						
793152-1	2	6	21 (53/64")	8 (5/16")	40 (1-37/64")	10 (25/64")	3.5 (9/64")	6 (15/64")
793169-4	2E	1/4						

Ball bearing chamfering bit



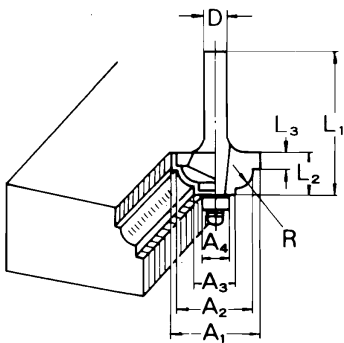
Part No.		D	A ₁	A ₂	L ₁	L ₂	θ
793149-0	45°	6	26 (1-1/32")	8 (5/16")	42 (1-21/32")	12 (15/32")	45°
793166-0	45°E	1/4					
793150-5	60°	6	20 (25/32")	8 (5/16")	41 (1-5/8")	11 (7/16")	60°
793167-8	60°E	1/4					

Ball bearing beading bit



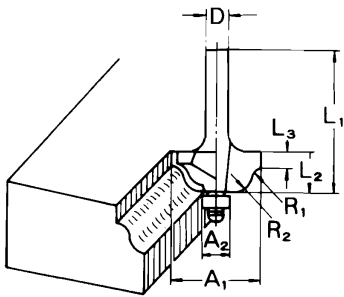
Part No.		D	A ₁	A ₂	A ₃	L ₁	L ₂	L ₃	R
793153-9	2	6	20	12	8	40	10	5.5	4
793170-9	2E	1/4	(25/32")	(15/32")	(5/16")	(1-37/64")	(25/64")	(7/32")	(5/32")
793154-7	3	6	26	12	8	42	12	4.5	7
793171-7	3E	1/4	(1-1/32")	(15/32")	(5/16")	(1-21/32")	(15/32")	(11/64")	(9/32")

Ball bearing cove beading bit



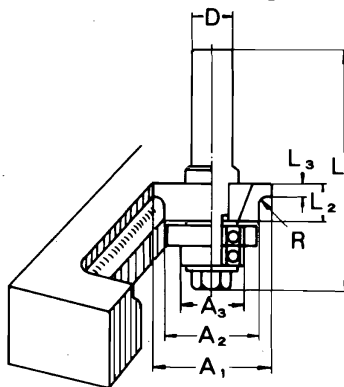
Part No.		D	A ₁	A ₂	A ₃	A ₄	L ₁	L ₂	L ₃	R
793157-1	2	6	20	18	12	8	40	10	5.5	3
793174-1	2E	1/4	(25/32")	(45/64")	(15/32")	(5/16")	(1-37/64")	(25/64")	(7/32")	(1/8")
793158-9	3	6	26	22	12	8	42	12	5	5
793175-9	3E	1/4	(1-1/32")	(7/8")	(15/32")	(5/16")	(1-21/32")	(15/32")	(13/64")	(13/64")

Ball bearing roman ogee bit



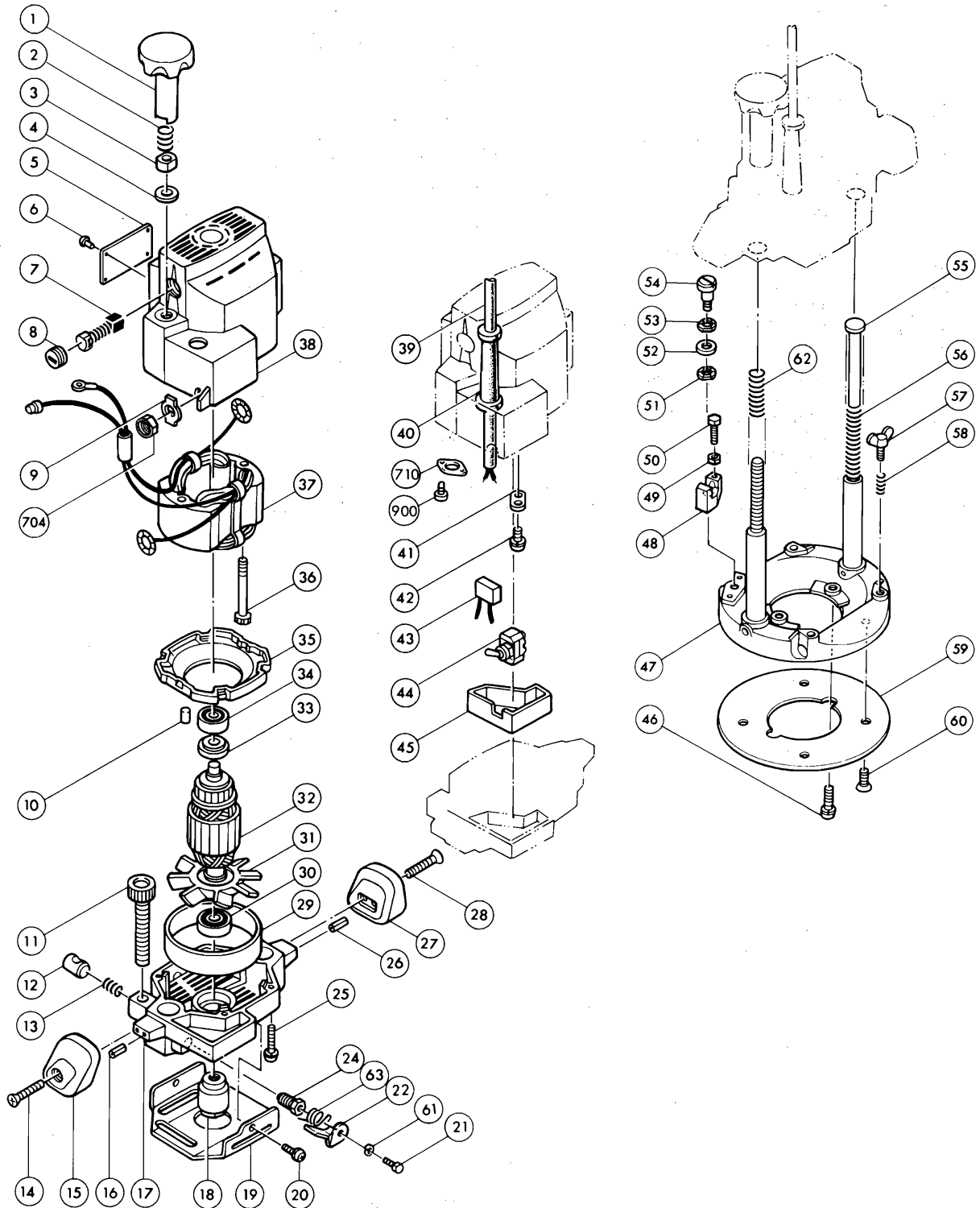
Part No.		D	A ₁	A ₂	L ₁	L ₂	L ₃	R ₁	R ₂
793155-5	2	6	20	8	40	10	4.5	2.5	4.5
793172-5	2E	1/4	(25/32")	(5/16")	(1-37/64")	(25/64")	(11/64")	(3/32")	(11/64")
793156-3	3	6	26	8	42	12	4.5	3	6
793173-3	3E	1/4	(1-1/32")	(5/16")	(1-21/32")	(15/32")	(11/64")	(1/8")	(15/64")

Double ball bearing round corner bit



Part No.		D	A ₁	A ₂	A ₃	L ₁	L ₂	L ₃	R
793073-7	3R	12	35	27	19	70	11	3.5	3
793093-1	3RE	1/2	(1-3/8")	(1-1/16")	(3/4")	(2-3/4")	(7/16")	(9/64")	(1/8")

12 mm (1/2") ROUTER Model 3600BR



Note: The switch, noise suppressor and other part configurations may differ from country to country.

ITEM NO.	NO. USED	DESCRIPTION	ITEM NO.	NO. USED	DESCRIPTION
MACHINE			MACHINE		
1	1	Knob 50	33	1	Insulation Washer
2	1	Compression Spring 12	34	1	Ball Bearing 6200V
3	1	Nut M10—15	35	1	Baffle Plate
4	1	Flat Washer 10	36	2	Hex. Bolt M5x65 (With Washer)
5	1	Name Plate	37	1	FIELD ASSEMBLY
6	4	Rivet 0—5	38	1	Motor Housing
7	2	Carbon Brush	39	1	Cord
8	2	Brush Holder Cap	40	1	Cord Guard
9	1	Indication Plate	41	1	Strain Relief
10	1	Rubber Pin 4	42	2	Pan Head Screw M4x18 (With Washer)
11	1	Screw M10x77	43	1	Noise Suppressor
12	1	Half Nut	44	1	Switch
13	1	Compression Spring 10	45	1	Separate
14	1	Countersunk Head Screw M6x35	46	2	Pan Head Screw M5x10 (With Washer)
15	1	Knob 59R	47	1	Base
16	1	Spring Pin 5—18	48	1	Stopper
17	1	Under Housing	49	1	Hex. Nut M6
18	1	Collet Chuck	50	1	Hex. Bolt M6x25
19	1	Chip Cover	51	1	Wave Washer 10
20	2	Pan Head Screw M5x8 (With Washer)	52	1	Flat Washer 10
21	1	Hex. Bolt M5x12	53	1	Wave Washer 10
22	1	Lock Lever	54	1	Flat Head Screw M6
24	1	Set Bolt M10	55	1	Pole
25	4	Pan Head Screw M5x40 (With Washer)	56	2	Compression Spring 12
26	1	Spring Pin 5—18	57	2	Wing Bolt M5x15
27	1	Knob 59L	58	2	Compression Spring 7
28	1	Countersunk Head Screw M6x35	59	1	Base Plate
29	1	Baffle Plate	60	4	Countersunk Head Screw M4x8
30	1	Ball Bearing 6201LLB	61	1	Spring Washer 5
31	1	Fan 68	62	1	Compression Spring 12
32	1	ARMATURE ASSEMBLY (With Item 30 — 34)	63	1	Torsion Spring 15

Note: The switch, noise suppressor and other part specifications may differ from country to country.

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883302G7

PRINTED IN JAPAN
 1991 — 6E