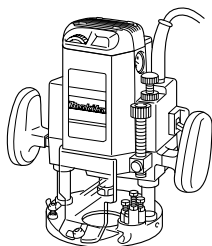




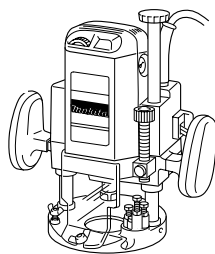
# Router

# Electronic Router

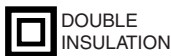
MODEL 3612  
MODEL 3612C



005064



003647



DOUBLE  
INSULATION

## I N S T R U C T I O N M A N U A L

**⚠ WARNING:**

For your personal safety, READ and UNDERSTAND before using.  
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

# SPECIFICATIONS

Model	3612	3612C
Collet chuck capacity	12 mm or 1/2"	
Plunge capacity	0 - 60 mm	
No load speed (min <sup>-1</sup> )	22,000	9,000 - 23,000
Overall length	297 mm (324 mm with knob)	
Base diameter	160 mm	
Net weight	5.8 kg	6.0 kg
Safety class	□ / II	

- Due to our continuing programme of research and development, the specifications herein are subject to change without notice.
- Note: Specifications may differ from country to country.

## SYMBOLS

END201-2

The following show the symbols used for the tool. Be sure that you understand their meaning before use.



.....Read instruction manual.



.....DOUBLE INSULATION



.....Only for EU countries

Do not dispose of electric equipment together with household waste material!

In observance of European Directive 2002/96/EC on waste electric and electronic equipment and its implementation in accordance with national law, electric equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

## Intended use

The tool is intended for flush trimming and profiling of wood, plastic and similar materials.

## Power supply

The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated in accordance with European Standard and can, therefore, also be used from sockets without earth wire.

## For public low-voltage distribution systems of between 220 V and 250 V.

Switching operations of electric apparatus cause voltage fluctuations. The operation of this device under unfavorable mains conditions can have adverse effects to the operation of other equipment. With a mains impedance equal or less than 0.32 Ohms it can be presumed that there will be no negative effects. The mains socket used for this device must be protected with a fuse or protective circuit breaker having slow tripping characteristics.

## For Model 3612

### For European countries only

#### Noise and Vibration

The typical A-weighted sound pressure level is 85 dB (A).

The noise level under working may exceed 85 dB (A).

– Wear ear protection. –

The typical weighted root mean square acceleration value is not more than 2.5 m/s<sup>2</sup>.

These values have been obtained according to EN50144.

## For Model 3612C

### For European countries only

#### Noise and Vibration

The typical A-weighted sound pressure level is 83 dB (A).

The noise level under working may exceed 85 dB (A).

– Wear ear protection. –

The typical weighted root mean square acceleration value is not more than 2.5 m/s<sup>2</sup>.

These values have been obtained according to EN50144.

## EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in compliance with the following standards of standardized documents, HD400, EN50144, EN55014, EN61000 in accordance with Council Directives, 73/23/EEC, 89/336/EEC, 98/37/EC.

Yasuhiko Kanzaki CE 2004



Director

## MAKITA INTERNATIONAL EUROPE LTD.

Michigan Drive, Tongwell, Milton Keynes, Bucks MK15 8JD, ENGLAND

Responsible manufacturer:

Makita Corporation Anjo Aichi Japan

# SAFETY INSTRUCTIONS

ENA001-2

## WARNING:

**When using electric tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before operating this product and save these instructions.**

### For safe operations:

- 1. Keep work area clean.**  
Cluttered areas and benches invite injuries.
- 2. Consider work area environment.**  
Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit. Do not use power tools where there is risk to cause fire or explosion.
- 3. Guard against electric shock.**  
Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
- 4. Keep children away.**  
Do not let visitors touch the tool or extension cord. All visitors should be kept away from work area.
- 5. Store idle tools.**  
When not in use, tools should be stored in a dry, high or locked up place, out of reach of children.
- 6. Do not force the tool.**  
It will do the job better and safer at the rate for which it was intended.
- 7. Use the right tool.**  
Do not force small tools or attachments to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example, do not use circular saws to cut tree limbs or logs.
- 8. Dress properly.**  
Do not wear loose clothing or jewellery, they can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protecting hair covering to contain long hair.
- 9. Use safety glasses and hearing protection.**  
Also use face or dust mask if the cutting operation is dusty.
- 10. Connect dust extraction equipment.**  
If devices are provided for the connection of dust extraction and collection facilities ensure these are connected and properly used.
- 11. Do not abuse the cord.**  
Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
- 12. Secure work.**  
Use clamps or a vice to hold the work. It is safer than using your hand and it frees both hands to operate the tool.
- 13. Do not overreach.**  
Keep proper footing and balance at all times.
- 14. Maintain tools with care.**  
Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.
- 15. Disconnect tools.**  
When not in use, before servicing and when changing accessories such as blades, bits and cutters.
- 16. Remove adjusting keys and wrenches.**  
Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

- 
17. **Avoid unintentional starting.**  
Do not carry a plugged-in tool with a finger on the switch. Ensure switch is off when plugging in.
  18. **Use outdoor extension leads.**  
When tool is used outdoors, use only extension cords intended for outdoor use.
  19. **Stay alert.**  
Watch what you are doing. Use common sense. Do not operate tool when you are tired.
  20. **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, free running 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 in this instruction manual. Have defective switches replaced by an authorized service facility. Do not use the tool if the switch does not turn it on and off.

21. **Warning.**  
The use of any accessory or attachment, other than those recommended in this instruction manual or the catalog, may present a risk of personal injury.
22. **Have your tool repaired by a qualified person.**  
This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

---

## ADDITIONAL SAFETY RULES

ENB033-3

1. **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
2. **Wear hearing protection during extended period of operation.**
3. **Handle the bits very carefully.**
4. **Check the bit carefully for cracks or damage before operation. Replace cracked or damaged bit immediately.**
5. **Avoid cutting nails. Inspect for and remove all nails from the workpiece before operation.**
6. **Hold the tool firmly with both hands.**
7. **Keep hands away from rotating parts.**
8. **Make sure the bit is not contacting the workpiece before the switch is turned on.**
9. **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.**
10. **Be careful of the bit rotating direction and the feed direction.**
11. **Do not leave the tool running. Operate the tool only when hand-held.**
12. **Always switch off and wait for the bit to come to a complete stop before removing the tool from workpiece.**
13. **Do not touch the bit immediately after operation; it may be extremely hot and could burn your skin.**
14. **Always lead the power supply cord away from the tool towards the rear.**
15. **Do not smear the tool base carelessly with thinner, gasoline, oil or the like. They may cause cracks in the tool base.**
16. **Draw attention to the need to use cutters of the correct shank diameter and which are suitable for the speed of the tool.**
17. **Always use the correct dust mask/respirator for the material and application you are working with.**

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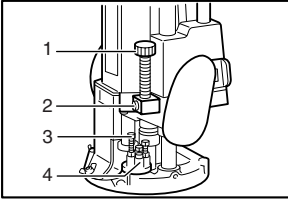
## SAVE THESE INSTRUCTIONS

# FUNCTIONAL DESCRIPTION

**⚠ CAUTION:**

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

003652



1. Stopper pole
2. Fast-feed button
3. Adjusting hex bolt
4. Stopper block

### Adjusting the 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.

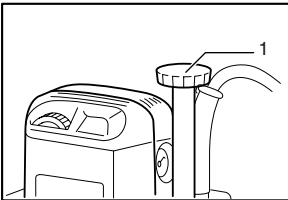
Now lower the stopper pole until it makes contact with the adjusting hex bolt. The stopper pole can be moved rapidly by depressing the fast-feed button. While pressing the fast-feed button, raise the stopper pole until the desired depth of cut is obtained. The depth of cut is equal to the distance between the stopper pole and the adjusting hex bolt. Stopper pole travel can be checked with the scale (1 mm per graduation) on the tool body. Minute depth adjustments can be obtained by turning the stopper pole (1.5 mm per turn).

Now, your predetermined depth of cut can be obtained by loosening the lock lever and then lowering the tool body until the stopper pole makes contact with the adjusting hex bolt.

**⚠ CAUTION:**

- Since excessive cutting may cause overload of the motor or difficulty in controlling the tool, the depth of cut should not be more than 20 mm at a pass when cutting grooves. When you wish to cut grooves more than 20 mm deep, make several passes with progressively deeper bit settings.
- Do not lower the knob too low. The bit will protrude dangerously.

003655

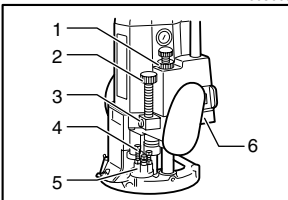


1. Knob

### For the tool with knob

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

005065

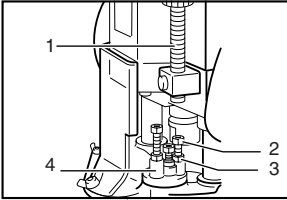


1. Nylon nut
2. Stopper pole
3. Fast-feed button
4. Adjusting hex bolt
5. Stopper block
6. Lock lever

### For the tool with nylon nut

The upper limit of the tool body can be adjusted by turning the nylon nut. Do not lower the nylon nut too low. The bit will protrude dangerously.

003657



1. Stopper pole
2. Hex bolt
3. Hex nut
4. Stopper block

### Stopper block

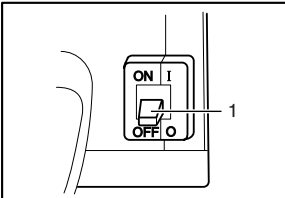
The stopper block has three adjusting hex bolts which raise or lower 0.8 mm per turn. You can easily obtain three different depths of cut using these adjusting hex bolts without readjusting the stopper pole.

Adjust the lowest hex bolt to obtain the deepest depth of cut, following the method of "Adjusting depth of cut". Adjust the two remaining hex bolts to obtain shallower depths of cut. The differences in height of these hex bolts are equal to the differences in depths of cut.

To adjust the hex bolts, first loosen the hex nuts on the hex bolts with the wrench and then turn the hex bolts. After obtaining the desired position, tighten the hex nuts while holding the hex bolts in that desired position. The stopper block is also convenient for making three passes with progressively deeper bit settings when cutting deep grooves.

### Switch action

003660



1. Switch lever

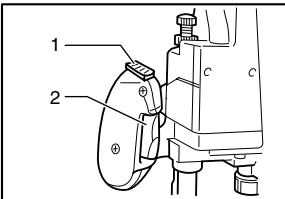
#### For tool without lock-off button

##### ⚠ CAUTION:

- Before plugging in the tool, always check to see that the tool is switched off.
- Make sure that the shaft lock is released before the switch is turned on.
- Hold the tool firmly when turning off the tool, to overcome the reaction.

To start the tool, move the switch lever to the I (ON) position. To stop the tool, move the switch lever to the O (OFF) position.

005066



1. Lock-off button
2. Switch trigger

#### For tool with lock-off button

##### ⚠ CAUTION:

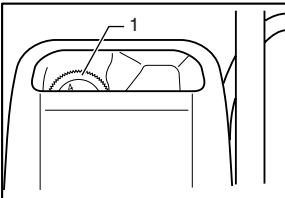
- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.
- Make sure that the shaft lock is released before the switch is turned on.

To prevent the switch trigger from being accidentally pulled, a lock-off button is provided

To start the tool, push in the lock-off button and pull the switch trigger. Release the switch trigger to stop.

### Speed adjusting dial

003802



1. Speed adjusting dial

#### For model 3612C only

The tool speed can be changed by turning the speed adjusting dial to a given number setting from 1 to 5.

Higher speed is obtained when the dial is turned in the direction of number 5. And lower speed is obtained when it is turned in the direction of number 1.

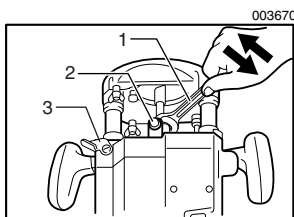
This allows the ideal speed to be selected for optimum material processing, i.e. the speed can be correctly adjusted to suit the material and bit diameter. Refer to the table for the relationship between the number settings on the dial and the approximate tool speed.

Number	min <sup>-1</sup>
1	9,000
2	12,000
3	15,000
4	19,000
5	23,000

**⚠ CAUTION:**

- If the tool is operated continuously at low speeds for a long time, the motor will get overloaded, resulting in tool malfunction.
- The speed adjusting dial can be turned only as far as 5 and back to 1. Do not force it past 5 or 1, or the speed adjusting function may no longer work.

## ASSEMBLY



1. Wrench
2. Shaft lock
3. Lock lever

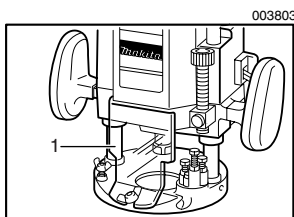
### Installing or removing the bit

**⚠ CAUTION:**

- Install the bit securely. Always use only the wrench provided with the tool. A loose or overtightened bit can be dangerous.
- Use always a collet which is suitable for the shank diameter of the bit.
- Do not tighten the collet nut without inserting a bit or install small shank bits without using a collet sleeve. Either can lead to breakage of the collet cone.
- Use only router bits of which the maximum speed, as indicated on the bit, does exceed the maximum speed of the router.

Insert the bit all the way into the collet cone. Press the shaft lock to keep the shaft stationary and use the wrench to tighten the collet nut securely. When using router bits with smaller shank diameter, first insert the appropriate collet sleeve into the collet cone, then install the bit as described above. To remove the bit, follow the installation procedure in reverse.

## OPERATION



1. Chip deflector

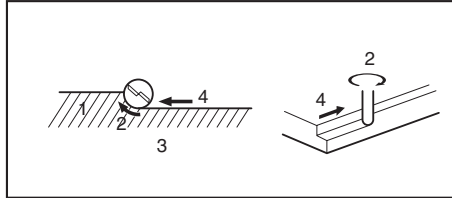
**⚠ CAUTION:**

- Before operation, always make sure that the tool body automatically rises to the upper limit and the bit does not protrude from the tool base when the lock lever is loosened.
- Before operation, always make sure that the chip deflector is installed properly.

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.

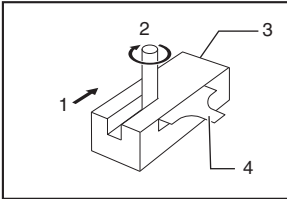
When doing edge cutting, the workpiece surface should be on the left side of the bit in the feed direction.

001984



1. Workpiece
2. Bit revolving direction
3. View from the top of the tool
4. Feed direction

001985

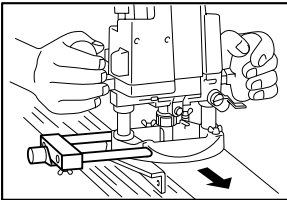


1. Feed direction
2. Bit revolving direction
3. Workpiece
4. Straight guide

**NOTE:**

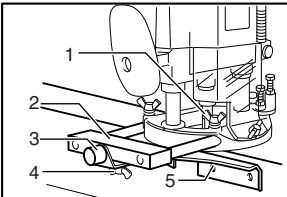
- Moving the tool forward too fast may cause a poor quality of cut, or damage to the bit or motor. Moving the tool forward too slowly may burn and mar the cut. The proper feed rate will depend on the bit size, the kind of workpiece and depth of cut. Before beginning the cut on the actual workpiece, it 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 or the trimmer 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.

003677

**Straight guide (optional accessory)**

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

003683

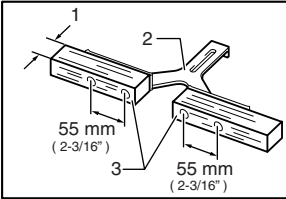


1. Wing bolt (A)
2. Guide holder
3. Fine adjusting screw
4. Wing bolt (B)
5. Straight guide

Install the straight guide on the guide holder with the wing bolt (B). Insert the guide holder into the holes in the tool base and tighten the wing bolt (A). To adjust the distance between the bit and the straight guide, loosen the wing bolt (B) and turn the fine adjusting screw (1.5 mm per turn). At the desired distance, tighten the wing bolt (B) to secure the straight guide in place.



003684



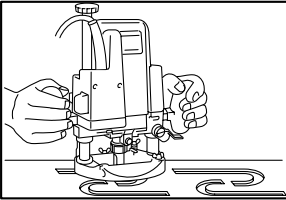
1. More than 15mm (5/8")
2. Straight guide
3. Wood

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 large diameter bit, attach pieces of wood to the straight guide which have a thickness of more than 15 mm to prevent the bit from striking the straight guide.

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

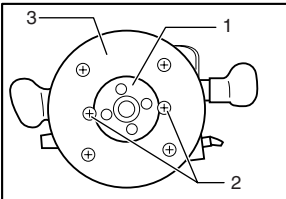
003688



### Templet guide (optional accessory)

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

003692

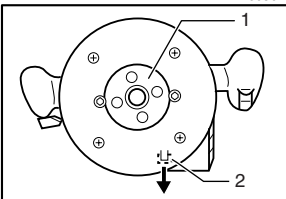


1. Templet guide
2. Screw
3. Base plate

### For tool without lock plate

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

005072

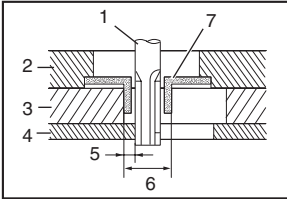


1. Templet guide
2. Lock plate lever

### For tool with lock plate

To install the templet guide, pull the lock plate lever and insert the templet guide.

003695



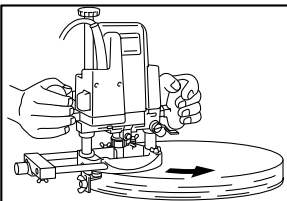
1. Bit
2. Base
3. Templet
4. Workpiece
5. Distance (X)
6. Outside diameter of the templet guide
7. Templet guide

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.

**NOTE:**

- The workpiece will be cut a slightly different size from the templet. Allow for the distance (X) between the bit and the outside of the templet guide. The distance (X) can be calculated by using the following equation:  
Distance (X) = (outside diameter of the templet guide - bit diameter) / 2

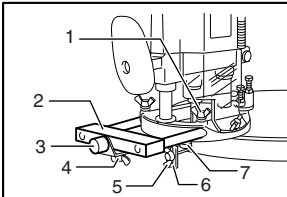
003698



**Trimmer guide (optional accessory)**

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.

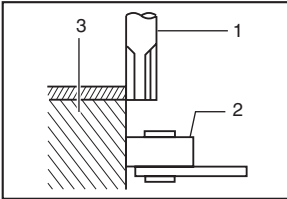
003700



1. Wing bolt (A)
2. Guide holder
3. Fine adjusting screw
4. Wing bolt (B)
5. Wing bolt (C)
6. Trimmer guide
7. Guide roller

Install the trimmer guide on the guide holder with the wing bolt (B). Insert the guide holder into the holes in the tool base and tighten the wing bolt (A). To adjust the distance between the bit and the trimmer guide, loosen the wing bolt (B) and turn the fine adjusting screw (1.5 mm per turn). When adjusting the guide roller up or down, loosen the wing bolt (C). After adjusting, tighten all the wing bolts securely.

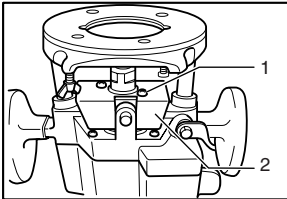
003701



1. Bit
2. Guide roller
3. Workpiece

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

005079

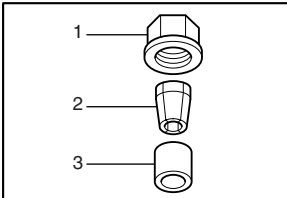


1. Pan head screw
2. Dust cover

### Dust cover (Accessory)

To suit the tool when using in the inverted position with Makita Router Stand. This accessory prevents sawdust from being drawn through the tool in the inverted position. It is not recommended for use in the normal position. However, we do recommend its use in the inverted mode. Fit as shown in the figure.

005080

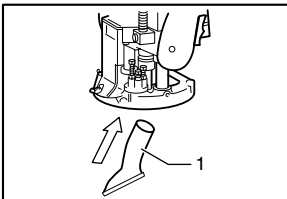


1. Collet nut
2. Collet cone
3. Spacer

### Spacer (Accessory)

When operating the tool in the inverted position with the Makita Router Stand, use the spacer. The spacer prevents the router bit from dropping in to the chuck when replacing the bit. Install the spacer as shown in the figure.

005073

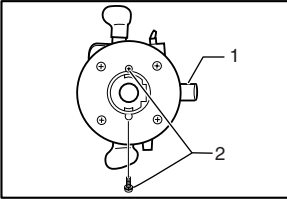


1. Vacuum head

### Vacuum head set (Accessory)

For tool without lock plate

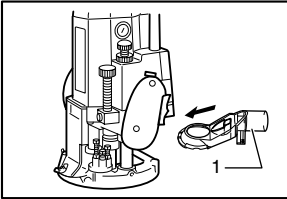
005074



1. Vacuum head
2. Screws

Use the vacuum head for dust extraction. Install the vacuum head on the tool base using the two screws.

005075

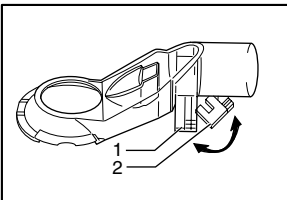


1. Vacuum head

#### For tool with lock plate

Use the vacuum head for dust extraction. To install the vacuum head, raise the lock lever on it. Place the vacuum head on the tool base so that its top will be caught in the hook on the tool base. Insert the supports on the vacuum head into the hooks on the front of the tool base.

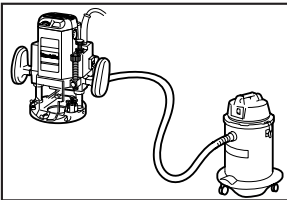
005076



1. Support
2. Lock lever

Push down the lock lever onto the tool base.

005077



Then connect a vacuum cleaner to the vacuum head.

To remove the vacuum head, raise the lock lever. Pull the vacuum head out of the tool base while holding the supports between thumb and finger.

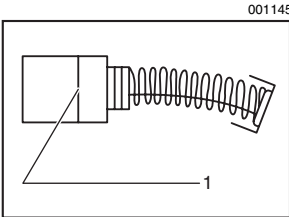
## MAINTENANCE

**⚠ CAUTION:**

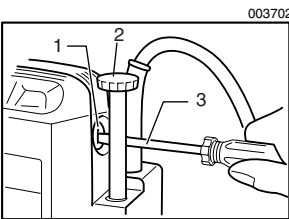
- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

### 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.



1. Limit mark



1. Brush holder cap
2. Knob
3. Screwdriver

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.

**NOTE:**

- When replacing carbon brush located on the same side as the knob, remove the knob first before unscrewing the brush holder cap.

**⚠ CAUTION:**

- Be sure to re-install the knob after inserting new carbon brush.

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

## ACCESSORIES

**⚠ CAUTION:**

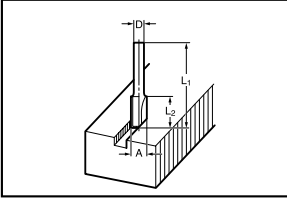
- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita service center.

- Straight & groove forming bits
- Edge forming bits
- Laminate trimming bits
- Straight guide
- Trimmer guide
- Guide holder
- Templet guides
- Templet guide adapter
- Lock nut
- Collet cone 12 mm, 1/2"
- Collet sleeve 6 mm, 8 mm, 10 mm
- Collet sleeve 3/8", 1/4"
- Wrench 8
- Wrench 24
- Vacuum head set

## Router bits

005116



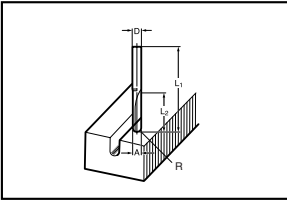
### Straight bit

C00121

mm

	D	A	L 1	L 2
20	6	20	50	15
20E	1/4"			
12	12	12	60	30
12E	1/2"			
10	12	10	60	25
10E	1/2"			
8	8	8	60	25
8	6	8	50	18
8E	1/4"			
6	6	6	50	18
6E	1/4"			
20	12	20	60	20
20E	1/2"			

005117



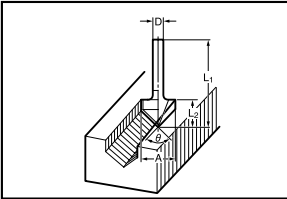
### "U" Grooving bit

C00122

mm

	D	A	L 1	L 2	R
12	12	12	55	20	6
12E	1/2"				
6	6	6	50	18	3
6E	1/4"				

005118



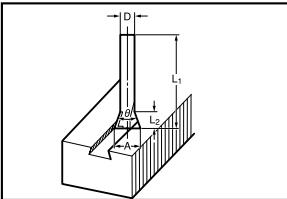
### "V" Grooving bit

C00123

mm

	D	A	L 1	L 2	$\theta$
20	6	20	50	15	90°
20E	1/4"				

005119



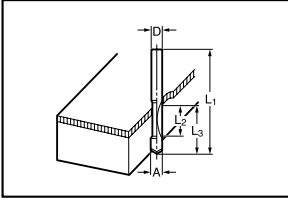
### Dovetail bit

C00124

mm

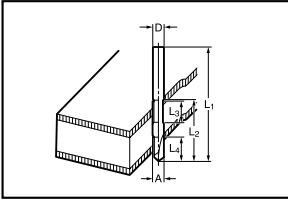
	D	A	L 1	L 2	$\theta$
15S	8	14.5	55	10	35°
15SE	3/8"				
15L	8	14.5	55	14.5	23°
15LE	3/8"				
12	8	12	50	9	30°
12E	3/8"				

005120

**Drill point flush trimming bit**C00125  
mm

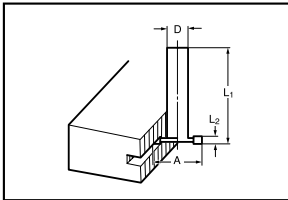
	D	A	L 1	L 2	L 3
12	12	12	60	20	35
12E	1/2"				
8	8	8	60	20	35
8E	3/8"				
6	6	6	60	18	28
6E	1/4"				

005121

**Drill point double flush trimming bit**C00126  
mm

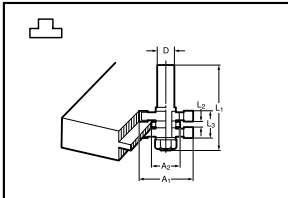
	D	A	L 1	L 2	L 3	L 4
12	12	12	80	55	20	25
12E	1/2"					
12	12	8	80	55	20	25
8	8					
8E	3/8"	6	70	40	12	14
6	6					
6E	1/4"					

005122

**Slotting cutter**C00127  
mm

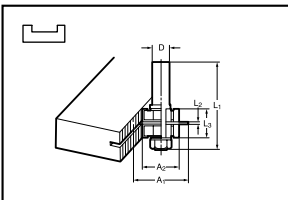
	D	L 1	L 2	A
6	12	55	6	30
6E	1/2"			
3	12	55	3	30
3E	1/2"			

005123

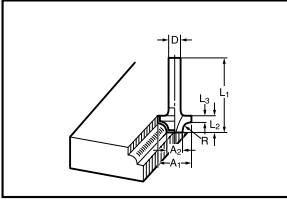
**Board-jointing bit**C00128  
mm

D	A 1	A 2	L 1	L 2	L 3
12	38	27	61	4	20
1/2"					
12	38	26	61	4	20
1/2"					

005124

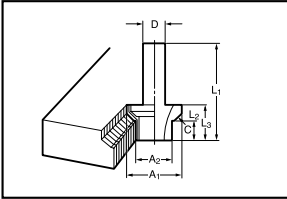


005125

**Corner rounding bit**C00129  
mm

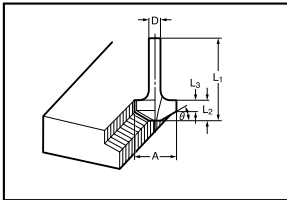
	D	A 1	A 2	L 1	L 2	L 3	R
8R	6	25	9	48	13	5	8
8RE	1/4"						
6R	12	20	8	50	10	4	6
6RE	1/2"						
4R	6	20	8	45	10	4	4
4RE	1/4"						

005127

**Chamfering bit**C00130  
mm

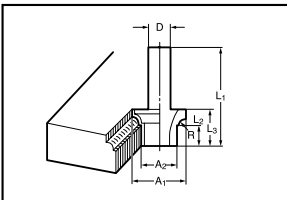
	D	A 1	A 2	L 1	L 2	L 3	C
30	12	30	20	55	12	20	4
30E	1/2"						

005126

**Beading bit**C00131  
mm

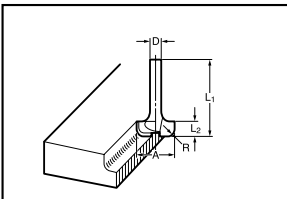
	D	A	L 1	L 2	L 3	θ
30°	6	23	46	11	6	30°
30° E	1/4"					
45°	6	20	50	13	5	45°
45° E	1/4"					
60°	6	20	49	14	2	60°
60° E	1/4"					

005128

**Beading bit**C00132  
mm

	D	A 1	A 2	L 1	L 2	L 3	R
4R	12	30	20	55	12	20	4
4RE	1/2"						

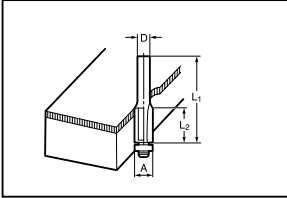
005129

**Cove beading bit**C00133  
mm

	D	A	L 1	L 2	R
4R	6	20	43	8	4
4RE	1/4"				
8R	6	25	48	13	8
8RE	1/4"				

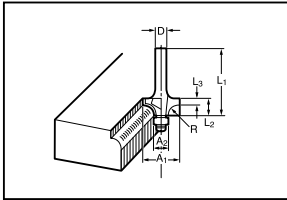


005130

**Ball bearing flush trimming bit**C00134  
mm

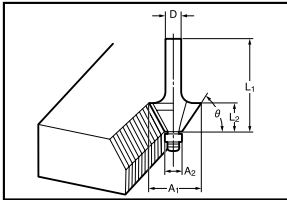
	D	A	L 1	L 2
10	6	10	50	20
10E	1/4"			

005131

**Ball bearing corner rounding bit**C00135  
mm

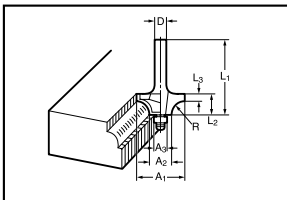
	D	A 1	A 2	L 1	L 2	L 3	R
1	6	15	8	37	7	3.5	3
1E	1/4"						
2	6	21	8	40	10	3.5	6
2E	1/4"						

005132

**Ball bearing chamfering bit**C00136  
mm

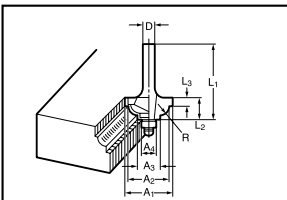
	D	A 1	A 2	L 1	L 2	theta
45°	6	26	8	42	12	45°
45° E	1/4"					
60°	6	20	8	41	11	60°
60° E	1/4"					

005133

**Ball bearing beading bit**C00137  
mm

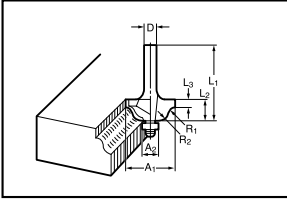
	D	A 1	A 2	A 3	L 1	L 2	L 3	R
2	6	20	12	8	40	10	5.5	4
2E	1/4"							
3	6	26	12	8	42	12	4.5	7
3E	1/4"							

005134

**Ball bearing cove beading bit**C00138  
mm

	D	A 1	A 2	A 3	A 4	L 1	L 2	L 3	R
2	6	20	18	12	8	40	10	5.5	3
2E	1/4"								
3	6	26	22	12	8	42	12	5	5
3E	1/4"								

005135

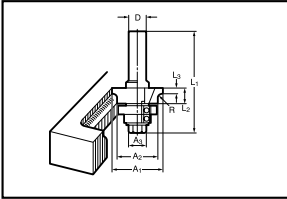
**Ball bearing roman ogee bit**

C00139

mm

	D	A 1	A 2	L 1	L 2	L 3	R1	R2
2	6	20	8	40	10	4.5	2.5	4.5
2E	1/4"							
3	6	26	8	42	12	4.5	3	6
3E	1/4"							

005136

**Double ball bearing round corner bit**

C00140

mm

	D	A 1	A 2	A 3	L 1	L 2	L 3	R
3R	12	35	27	19	70	11	3.5	3
3RE	1/2"							



Makita Corporation Anjo, Aichi, Japan