

## MAINTENANCE

- Keep the vents on the drill clean at all times, if possible, prevent foreign matter from entering the vents.
- After each use, blow air through the drill housing to ensure it is free from all dust particles which may build up. Build up of dust particles may cause the drill to overheat and fail.
- If the enclosure of the drill requires cleaning, do not use solvents. Use a moist, soft cloth only. Never let any liquid get inside the drill; never immerse any part of the drill into a liquid.
- If the supply cord of this power tool is damaged, it must be replaced by a specially prepared cord available through the service organization.



### Carbon Brushes

When the carbon brushes wear out, the drill will spark and/or stop. Discontinue use as soon as this happens. Carbon brushes should be replaced prior to recommencing use of the drill. They are a wearing component of the drill and therefore not covered under warranty. Continuing to use the drill when carbon brushes need to be replaced may cause permanent damage to the drill. Carbon brushes will wear out after many uses. When the carbon brushes need to be replaced, take the drill to an electrician or a power tool repairer for a quick and low cost replacement. Always replace both carbon brushes at the same time.

*Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the drill by an unauthorised person or by mishandling of the drill.*

## TROUBLESHOOTING

### Sparking visible through the housing air vents

A small amount of sparking may be visible through the housing vents. This is normal and does not indicate a problem.

### Excessive sparking visible through the housing air vents and/or the drill failing to operate



May indicate the carbon brushes have worn out and need to be replaced. Carbon brushes should only be replaced by a qualified electrician or power tool repairer.

## SOUND & VIBRATION

Sound and vibration values were measured in accordance with EN 60745.

$L_{wa}$ sound pressure level:	93.5 dB
$K_{wa}$ uncertainty:	3 dB
$L_{wv}$ sound power level:	104.5 dB
$K_{wv}$ uncertainty:	3 dB

### Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

### Hammer drilling in concrete (handle)

Vibration emission value  $a_{hv}$  = 9.60 m/s<sup>2</sup>  
K uncertainty = 1.5 m/s<sup>2</sup>

### Hammer drilling in concrete (additional handle)

Vibration emission value  $a_{hv}$  = 8.69 m/s<sup>2</sup>  
K uncertainty = 1.5 m/s<sup>2</sup>

### Drilling in metal (handle)

Vibration emission value  $a_{hv}$  = 3.04 m/s<sup>2</sup>  
K uncertainty = 1.5 m/s<sup>2</sup>

### Drilling in metal (additional handle)

Vibration emission value  $a_{hv}$  = 2.55 m/s<sup>2</sup>  
K uncertainty = 1.5 m/s<sup>2</sup>

### Additional information for electric power tools

**Warning!**  
The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

### Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.



For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request.

As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

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Subject to technical changes

## ELECTRICAL SAFETY

**WARNING!** When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage. Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference. Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.



This tool is double insulated therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

**Note:** Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

### Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective. When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

## GENERAL POWER TOOL SAFETY WARNINGS

**WARNING!** "Read all safety warnings, instructions, illustrations and specifications provided with this power tool." Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

- Work area safety**
  - Keep work area clean and well lit. Cluttered or dark areas invite accidents.
  - Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
  - Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Electrical safety**
  - Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
  - Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
  - Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
  - Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
  - When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
  - If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.
- Personal safety**
  - Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
  - Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
  - Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- Power tool use and care**
  - Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
  - Do not use the power tool if the switch does not turn on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
  - Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
  - Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
  - Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
  - Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
  - Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
  - Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- Service**
  - Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

## DESCRIPTION OF SYMBOLS



**Danger!** Read the operating instructions to reduce the risk of inquiry.



Double insulated / Protection class II



**Caution! Wear ear-muffs.** The impact of noise can cause damage to hearing.



**Caution! Wear a breathing mask.** Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!



**Caution! Wear safety goggles.** Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.



To avoid damaging the gearbox, the drill / hammer drill selector switch should only be moved when the machine is at a standstill

## SERVICE INFORMATION

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Carbon brushes, chuck
Consumables*	Drill bits
Missing parts	

\* Not necessarily included in the scope of delivery!

## SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.

For further information, or any parts visit [www.ozito-diy.co.uk](http://www.ozito-diy.co.uk) or contact Ozito Customer Service: Great Britain: 0151 294 4488 Ireland: 1850 882711

E-mail: [info@ozito-diy.co.uk](mailto:info@ozito-diy.co.uk)

## DECLARATION OF CONFORMITY

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar		EU
explains the following conformity according to EU directives and norms for the following product		
<b>Hammer Drill HDR-1050U (Ozito)</b>		
<input type="checkbox"/> 2014/29/EU	<input checked="" type="checkbox"/> 2006/42/EC	
<input type="checkbox"/> 2005/32/EC_2009/125/EC	<input type="checkbox"/> Annex IV	
<input type="checkbox"/> 2014/35/EU	Notified Body:	
<input type="checkbox"/> 2006/28/EC	Reg. No.:	
<input checked="" type="checkbox"/> 2014/30/EU	<input type="checkbox"/> 2000/14/EC_2005/88/EC	
<input type="checkbox"/> 2014/32/EC	<input type="checkbox"/> Annex V	
<input type="checkbox"/> 2014/53/EC	Notified Body:	
<input type="checkbox"/> 2014/68/EU	Noise: measured $L_{wa}$ = dB (A); guaranteed $L_{wa}$ = dB (A)	
<input type="checkbox"/> 90/396/EC_2009/142/EC	P = KW; L/G = cm	
<input type="checkbox"/> 89/686/EC_96/58/EC	Notified Body:	
<input checked="" type="checkbox"/> 2011/65/EU	<input type="checkbox"/> 2012/46/EU	
	Emission No.:	
<b>Standard references: EN 60745-1; EN 60745-2-1; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3</b>		
Landau/Isar, den 01.02.2018		
First CE: 17	Documents registrar: Alex Kurz	Archive-File/Record: NADP017869
Art-No.: 20.002.34	L-No.: 11017	Wiesenweg 22, D-94405 Landau/Isar
Subject to change without notice		

## WARNING! HAMMER DRILL SAFETY WARNINGS

**WARNING!**

- Wear ear plugs when using hammer drills.** The impact of noise can cause damage to hearing.
- Use the additional handles supplied with the tool.** Losing control of the machine can cause injuries.

**Hold the tool by the insulated handles when carrying out work during which the plug-in tool could strike concealed power cables or its own mains lead.** Contact with a live cable will also make the metal parts of the tool live and will cause an electric shock.

The drill is not designed for use with attachments. Do not use near vapors or inflammable liquids.

Make sure you have a steady foothold when working on ladders and platforms.

Prior to drilling in walls where electricity, water or gas lines are concealed, use a cable/pipe detector to locate the lines.

**WARNING!**

**Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm.**

**Some examples of these chemicals are:**

- Lead from lead-based paints
  - Crystalline silica from bricks and cement and other masonry products
  - Arsenic and chromium from chemically treated timber
- Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

**This appliance is not intended for use by young or infirm persons** unless supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.

# ozito

## HAMMER DRILL

### 1050W

### ORIGINAL INSTRUCTIONS

### SPECIFICATIONS

Motor:	1050W
Input:	220-240V - 50/60Hz
Chuck Size:	13mm Keyed
No Load Speed:	0-1,200 / 0-3,200/min
Impact Rate:	0-20,400 / 0-54,400bpm
Max Drilling Capacities:	Timber 40mm Masonry 13mm Steel 10mm
Protection Class:	II
Weight (Tool Only):	2.89kg

[ozito-diy.co.uk](http://ozito-diy.co.uk)



# 3 YEAR REPLACEMENT WARRANTY

### WHAT'S IN THE BOX



Hammer Drill



Side Handle



Depth Rod



Chuck Key

HDR-1050U

## WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer. Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:

- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 36 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Warranty excludes consumable parts. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

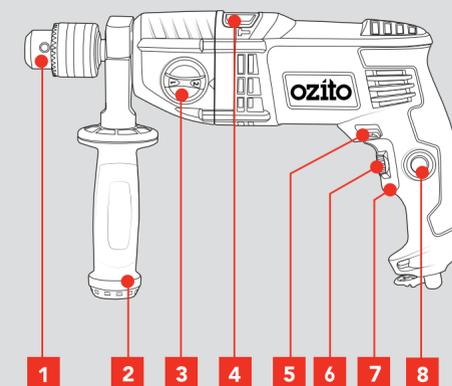
Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE  
GB: 0151 294 4488  
IRL: 1850 882711  
[Ozito-diy.co.uk](http://Ozito-diy.co.uk)

# KNOW YOUR PRODUCT

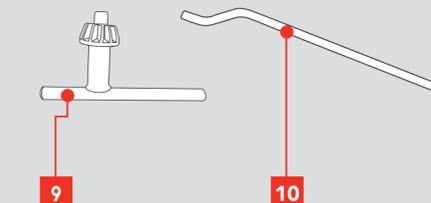
## HAMMER DRILL

- |                 |                          |
|-----------------|--------------------------|
| 1 Chuck         | 5 Forward/Reverse Lever  |
| 2 Side Handle   | 6 Speed Selection Dial   |
| 3 Gear Selector | 7 Variable Speed Trigger |
| 4 Mode Selector | 8 Lock-On Button         |



## ACCESSORIES

- 9 Chuck Key      10 Depth Rod



## ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



# SETUP & PREPARATION

## 1. BEFORE USE

### Items Supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

### Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

### Proper Use

The drill is designed for drilling holes into wood, iron, non-ferrous metals and rock using the appropriate bits.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

### Caution! Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

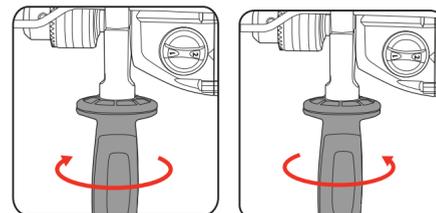
## 2. SIDE HANDLE & DEPTH ROD

**WARNING! ENSURE THE TOOL IS TURNED OFF & DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS.**

### Side Handle

The side handle provides additional comfort, control, and guidance for the hammer drill.

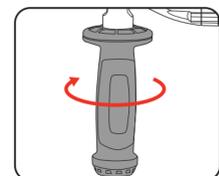
- 1 Loosen the side handle. Slide handle onto the collar mount of the hammer drill.
- 2 Adjust to any position, 360° around the collar mount. Tighten side handle.



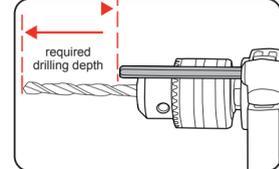
### Depth Rod

The depth rod helps to drill to a pre-determined depth.

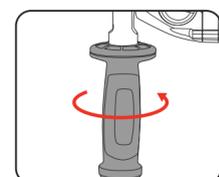
- 1 To adjust, loosen the side handle.



- 2 Adjust the depth rod so the bit extends beyond the end of the rod to the required drilling depth.



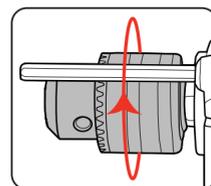
- 3 Tighten the side handle to secure the depth rod in this position.



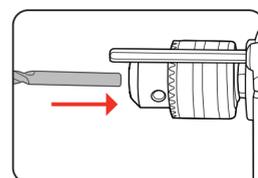
## 3. CHUCK

### Keyed Chuck

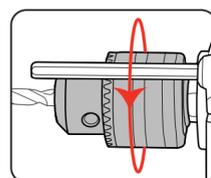
- 1 Open the chuck jaws slightly larger than the bit you wish to insert.



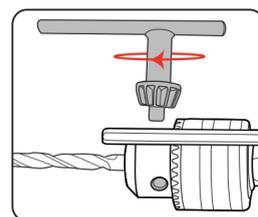
- 2 Insert the drill bit, making sure it is centred in the jaws.



- 3 Hand tighten the chuck jaws.



- 4 To ensure the bit is securely fastened, insert the chuck key into 1 of the 3 holes on the chuck. Turn chuck key clockwise.



- 5 Repeat this step with the two remaining chuck holes.

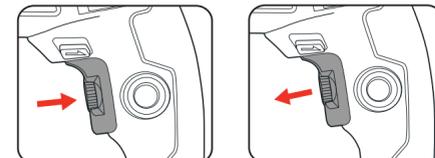
# OPERATION

## 4. CONTROLS

**WARNING! THE POWER SUPPLY FOR THIS PRODUCT SHOULD BE PROTECTED BY A RESIDUAL CURRENT DEVICE (RATED AT 30MA OR LESS). A RESIDUAL CURRENT DEVICE REDUCES THE RISK OF ELECTRIC SHOCK.**

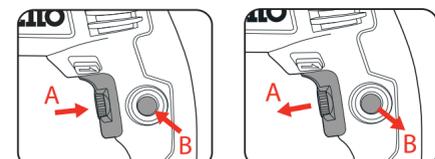
### Variable Speed Switch

- 1 Plug the tool into the mains power supply.
- 2 To start drilling squeeze the variable speed switch.
- 3 To stop drilling release the switch.

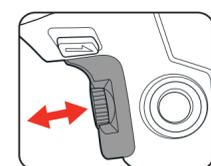


### Lock On Button

- 1 To lock the drill on, squeeze the variable speed switch (a) then depress the lock on button (b).
- 2 Release the variable speed switch, then the lock on button.

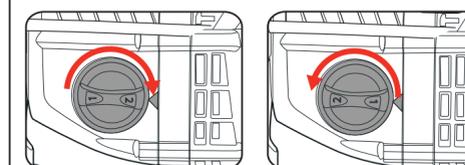


- 3 To unlock the drill, squeeze and release the variable speed switch.



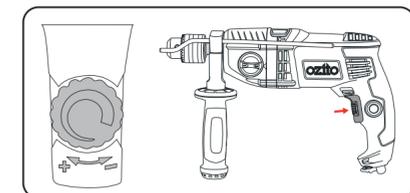
### Gear Selector

- 1 To select second gear for high speed drilling, turn the gear selector clockwise until the arrow points to the number 2.
- 2 To select first gear for a slower speed and more torque, turn the selector anti-clockwise until the arrow points to the number 1.



### Speed Selection Dial

- 1 For faster speed, rotate speed selection dial clockwise. For slower speed, rotate dial anti-clockwise.



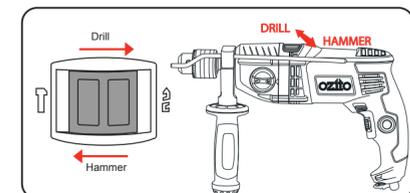
### Forward/Reverse Lever

- 1 To set the drill to forward rotation, push fwd/rev lever hard right. For reverse rotation, push lever hard left.



### Hammer Selector

- 1 To set hammer mode, slide the selector to the hammer icon. For drilling mode, slide to drill bit icon.



**NOTE: ENSURE THE ON/OFF SWITCH IS RELEASED AND THE DRILL HAS COMPLETELY STOPPED ROTATING PRIOR TO CHANGING MODES.**

## 5. DRILLING

Before connecting to a power supply, perform a few simple checks.

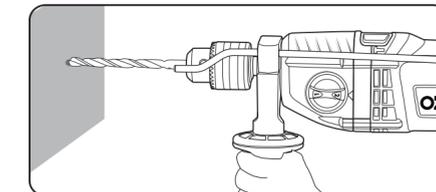
- 1 Depress and release the variable speed switch to ensure it is not locked on.
- 2 Check the forward/reverse lever for the correct setting.



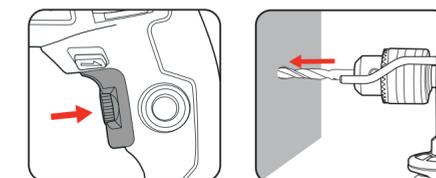
- 3 Secure the material to be drilled in a vice or clamp to stop it turning whilst drilling.

- 4 Plug the hammer drill into the power supply.

- 5 Hold the drill firmly and place the bit at the point to be drilled.



- 6 Depress the variable speed switch to start the drill.



- 7 Move the drill bit into the workpiece.

**Note:** Do not force the drill or apply side pressure to elongate the hole. Let the drill do the work.

### Helpful Tips

When drilling hard, smooth surfaces, use a centre punch to mark the desired hole location. This measure will prevent the drill bit from slipping off centre as you start the hole. Alternatively, the variable speed feature allows you to start holes without centre punching. To accomplish this, operate the drill at a low speed until you start the hole.

When drilling metals, use light oil on the drill bit to keep it from overheating. The oil will prolong the life of the bit and increase drilling action. If the bit jams in the work piece or if the drill stalls, stop the tool immediately. Remove the bit from the work piece and determine the reason for jamming.