

# ozito

## 13MM HAMMER DRILL

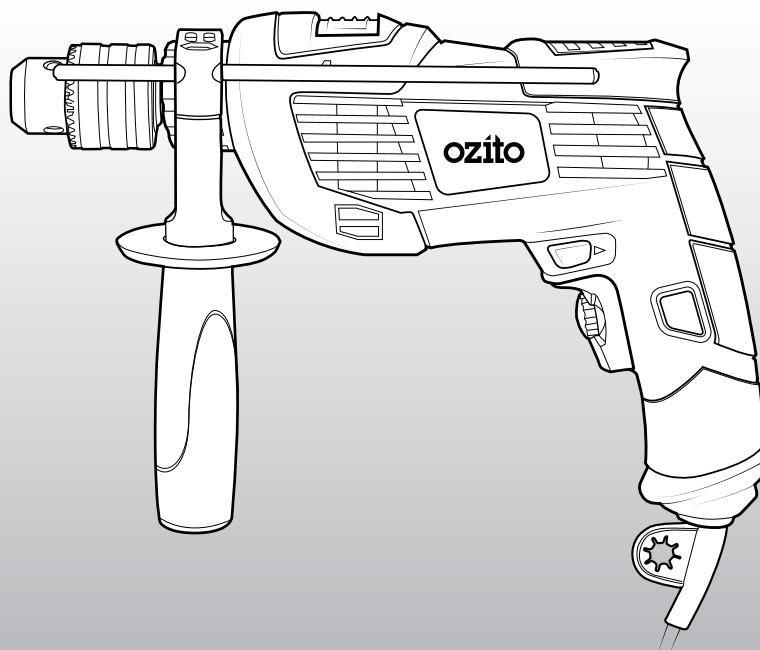
1010W

### INSTRUCTION MANUAL

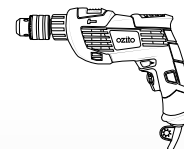
#### SPECIFICATIONS

Motor:	1010W
Input:	230V ~ 50Hz
Chuck Size:	13mm (1/2") Keyed
No Load Speed:	0-3,000/min
Impact Rate:	0-48,000bpm
Max Drilling Capacities:	Timber 32mm
	Steel 16mm
	Masonry 13mm
Weight (Tool Only):	2.1kg

ozito.com.au



#### WHAT'S IN THE BOX



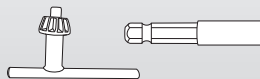
Hammer Drill



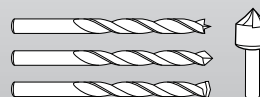
Side Handle



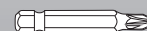
Depth Rod



Chuck Key & Magnetic Bit Holder



22 x Drill Bits & 1 x Counter Sink Bit



27 x Driver Bits

# 3 YEAR REPLACEMENT WARRANTY

HDR-1100

## WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

**Australia 1800 069 486**

**New Zealand 0508 069 486**

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

### 3 YEAR REPLACEMENT WARRANTY

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. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: carbon brushes, depth rod, drill bits etc.

### WARNING

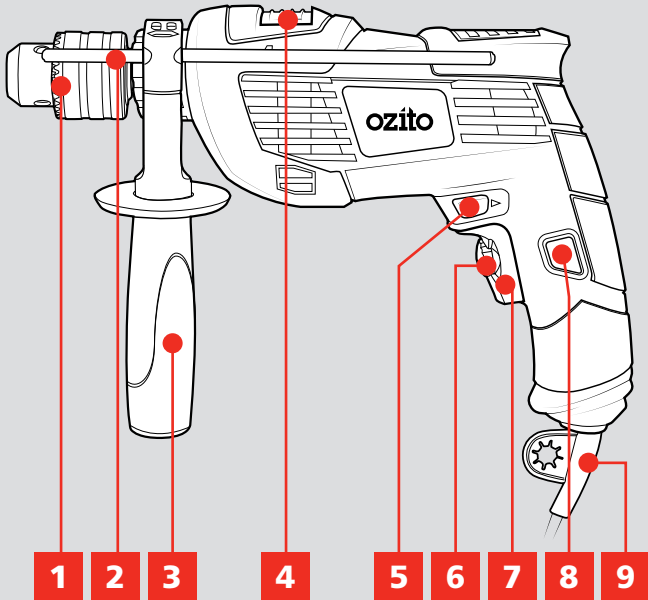
**The following actions will result in the warranty being void.**

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.

# KNOW YOUR PRODUCT

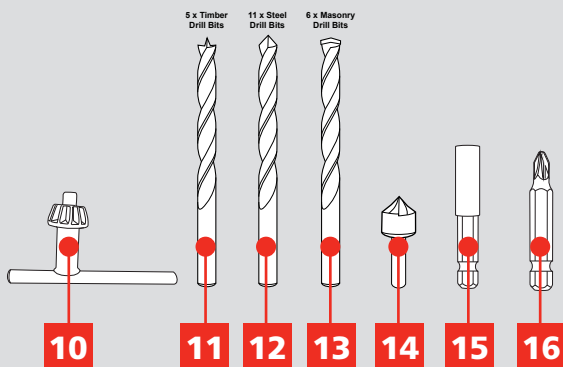
## HAMMER DRILL

- |                         |                          |
|-------------------------|--------------------------|
| 1 Chuck                 | 6 Speed Selection Dial   |
| 2 Depth Rod             | 7 Variable Speed Trigger |
| 3 Side Handle           | 8 Lock-On Button         |
| 4 Mode Selector         | 9 Power Cord             |
| 5 Forward/Reverse Lever |                          |



## ACCESSORIES

- |   |  |
|---|--|
| 10 Chuck Key  | 14 Counter Sink Drill Bit  |
| 11 Wood Drill Bits x 5<br>(4/5/6/8/10mm)                              | 15 Magnetic Bit Holder   |
| 12 Steel Drill Bits x 11<br>(1.5/2/2.5/<br>3/3.5/4/4.5/5/5.5/6/6.5mm) | 16 CRV Driver Bits x27<br>(PH0, PH1, PH1, PH2, PH2, PH3<br>PZ0, PZ1, PZ1, PZ2, PZ2, PZ3<br>T10, T15, T20, T25, T27, T40<br>H3, H4, H5, H6<br>S4, S5, S6, S6, S7) |



## ONLINE MANUAL

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



# SETUP & PREPARATION

## 1. SIDE HANDLE & DEPTH ROD

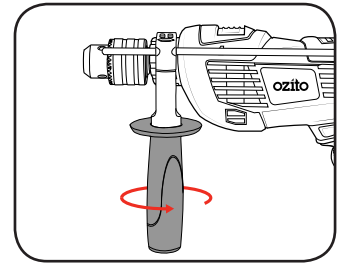
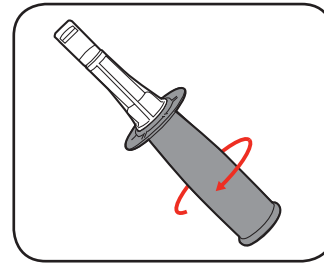


**WARNING!** ENSURE THE TOOL IS OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS.

### Fitting the Side Handle

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

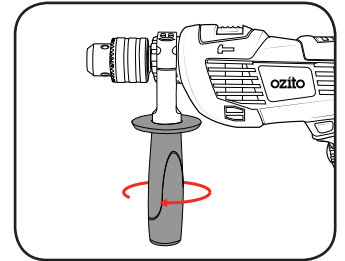
- 1 Loosen the side handle by rotating the handle anti-clockwise.
- 2 Slide the side handle onto the collar mount of the hammer drill and secure in place by rotating the handle clockwise.



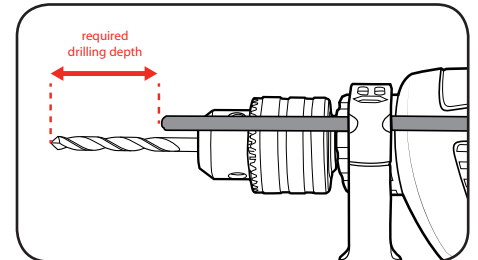
### Using the Depth Rod

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

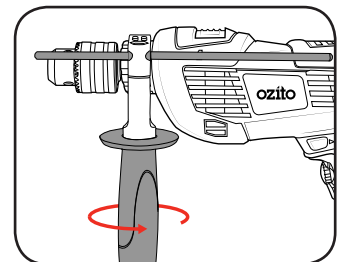
- 1 Loosen the side handle by rotating the handle anti-clockwise.



- 2 Insert or adjust the depth rod so the drill bit extends beyond the end of the rod to the desired drilling depth.



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

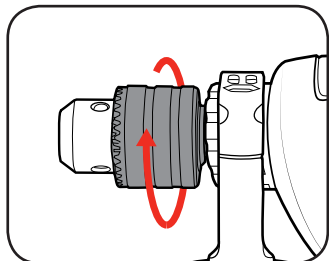


# 3 YEAR REPLACEMENT WARRANTY

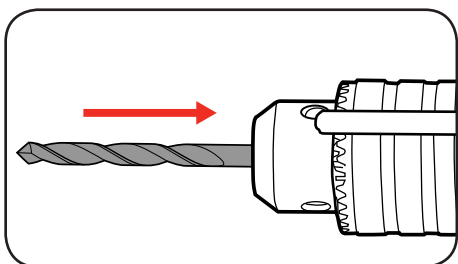
## 2. CHUCK

### Fitting Accessories

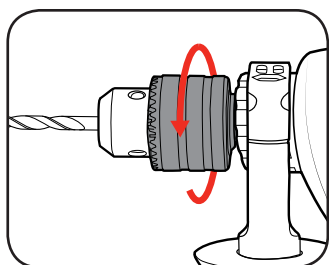
- 1 Open the chuck jaws by rotating the chuck anti-clockwise.



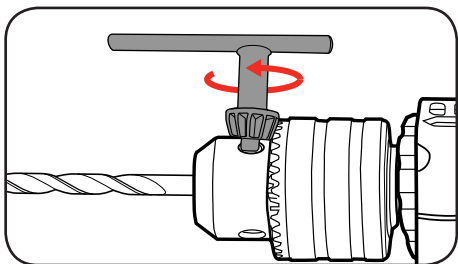
- 2 Insert the drill bit making sure it is centred in the jaws.



- 3 Hand tighten the chuck.



- 4 To secure the bit in the jaws, insert the chuck key into 1 of the holes on the chuck and rotate clockwise until tight. Repeat for remaining 2 holes

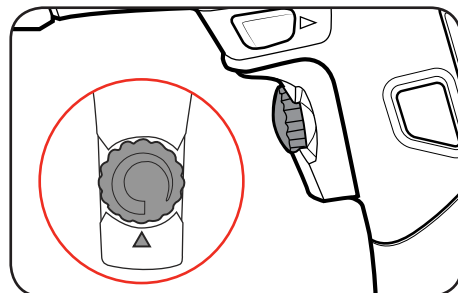


## 3. CONTROLS

### Speed Selection Dial

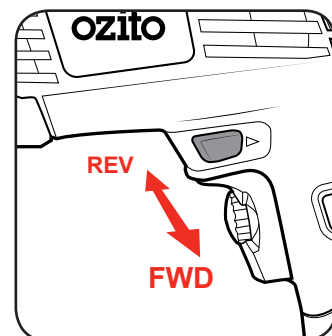
The speed selection dial restricts the amount the on/off trigger can be pressed, allowing you to set a desired maximum speed.

- 1 For a faster speed, rotate the speed selection dial clockwise.
- 2 For slower speeds, rotate the dial anti-clockwise.



### Forward/Reverse Lever

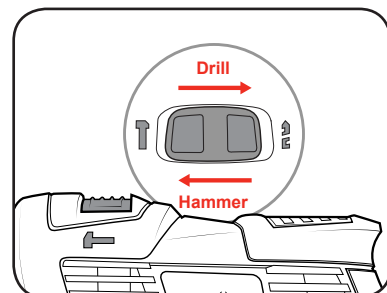
- 1 To set the drill to forward rotation, push the lever to the left side of the drill.
- 2 For reverse rotation, push the lever to the right of the drill.



### Mode Selector

The drill features a hammer function for drilling into masonry products.

- 1 To set the drill into hammer mode slide the selector left, towards the hammer icon.
- 2 For drilling mode slide the selector to the right, towards the drill icon.



# OPERATION

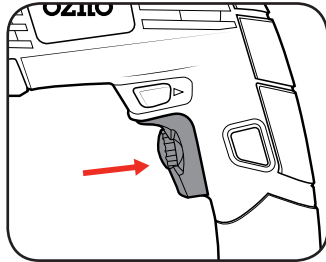
## 4. STARTING THE DRILL

**WARNING!** THE POWER SUPPLY FOR THIS CHARGER IS RECOMMENDED FOR USE WITH A RESIDUAL CURRENT DEVICE (RATED AT 30mA OR LESS).

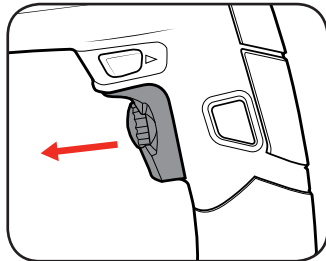
### Variable Speed Trigger

- 1 To start drilling, squeeze the variable speed trigger.

**Note:** The more you press the trigger, the faster the drill will rotate.



- 2 To stop drilling, release the variable speed trigger.

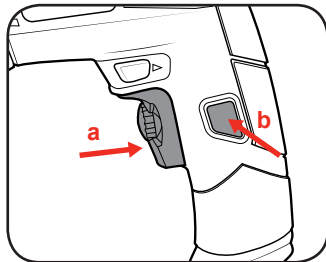


### Lock-On Button

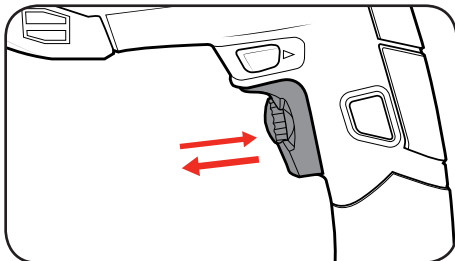
The hammer drill features a lock-on button to allow you to continue operation without having to hold the variable speed trigger down.

- 1 Squeeze the variable speed trigger and then press the lock-on button.

**Note:** The variable speed trigger can be released once the lock-on button is pressed.



- 2 To stop the drill, press and release the variable speed trigger.

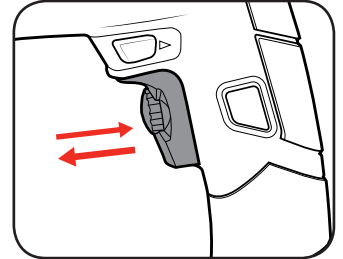


## 5. DRILLING

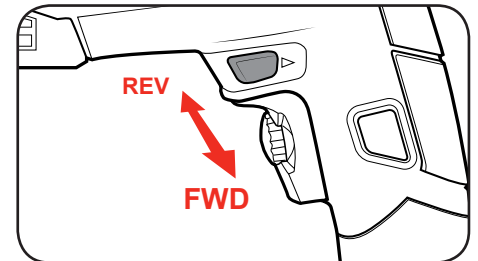
### Pre-Operation Checks

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

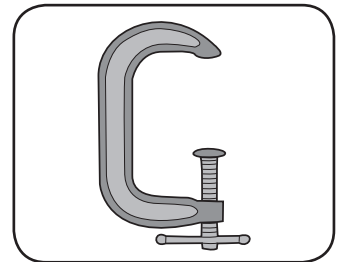
- 1 Depress and release the variable speed switch to ensure it is not locked on.



- 2 Check the forward/reverse lever is in the correct setting.

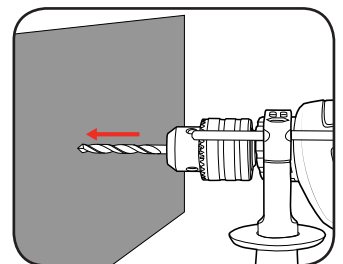


- 3 Ensure the material or work piece is secure to stop it turning whilst drilling.

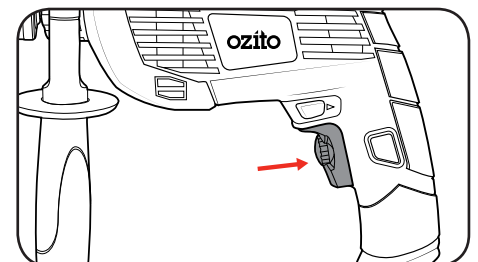


### Drilling

- 1 Connect the hammer drill into the power supply. Hold the drill firmly and place the bit at the point to be drilled.



- 2 Squeeze the variable speed trigger and move the drill into the work piece.



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

# OPERATION (cont.)

## 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. However, 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.

# MAINTENANCE

1. When not in use, the drill should be stored in a dry, frost free location, keep out of children's reach.
2. Keep ventilation slots of the drill clean at all times and prevent anything from entering.
3. If the housing of the drill requires cleaning, do not use solvents. Use of a cloth only is recommended.
4. Blow out the ventilation slots with compressed air periodically.

## 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.*

# DESCRIPTION OF SYMBOLS

<b>V</b>	Volts	<b>Hz</b>	Hertz
<b>~</b>	Alternating current	<b>W</b>	Watts
<b>/min</b>	Revolutions or reciprocation per minute	<b>no</b>	No load speed
<b>/bpm</b>	Impact rate	<b>∅</b>	Diameter
	Double insulated		Regulator compliance mark
	Warning		

# TROUBLESHOOTING

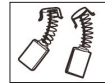
## Variable speed trigger is locked

Ensure that the forward / reverse lever is in the correct position; pressed left for forwards direction, pressed right for backwards direction. If it is in between the two settings the variable speed trigger will be locked.

## 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.

# SPARE PARTS

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

For further information, or any parts not listed here, visit [www.ozito.com.au](http://www.ozito.com.au) or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: [enquires@ozito.com.au](mailto:enquires@ozito.com.au)

# CARING FOR THE ENVIRONMENT

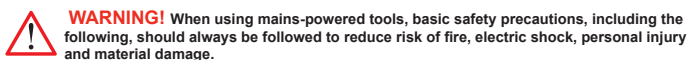


Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

# 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.

The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand.



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 and all instructions. 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.

## 1. 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.
- ## 2. 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.

## 3. 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.
- ## 4. 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 it 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 the battery pack 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. 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.
- ## 5. 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.

# HAMMER DRILL SAFETY WARNINGS



**WARNING!**

**Wear ear protectors when impact drilling** Exposure to noise can cause hearing loss.

**Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.

**Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Before drilling into walls, ceilings etc, ensure that there are no concealed power cables or pipes in the cavity.

Keep the cord clear of the drill accessory, do not wrap the cord around your arm or wrist.



**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.