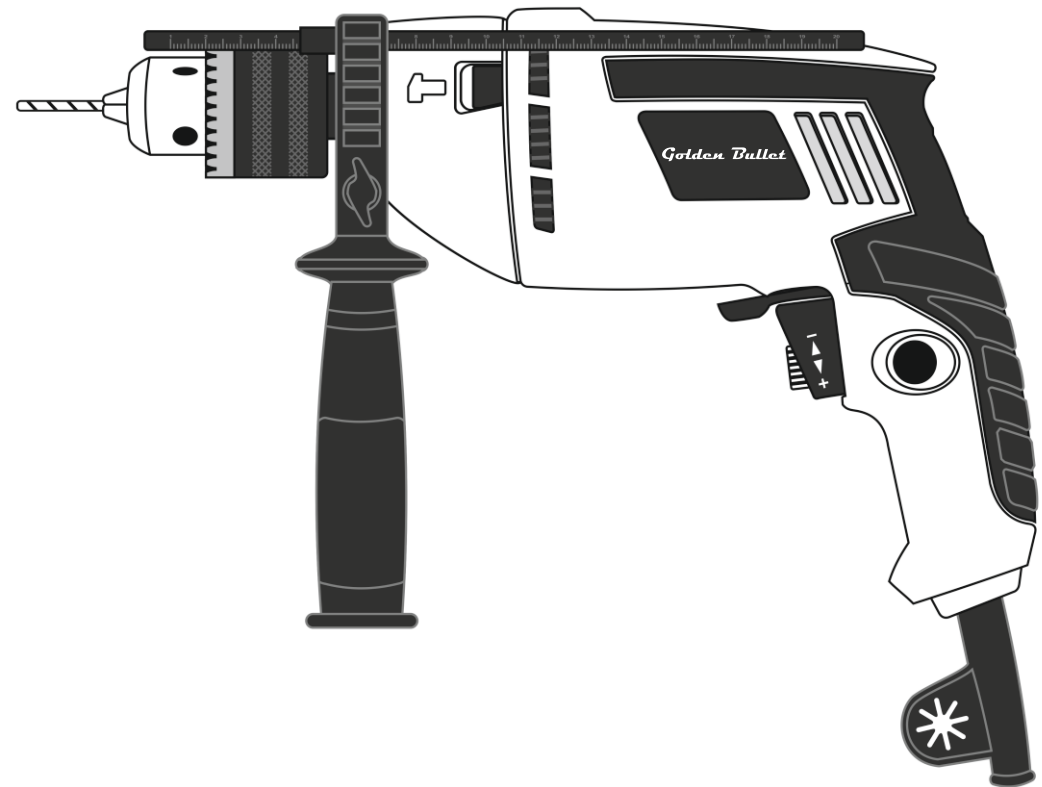


Golden Bullet®[®] 

IMPACT DRILL


HI93



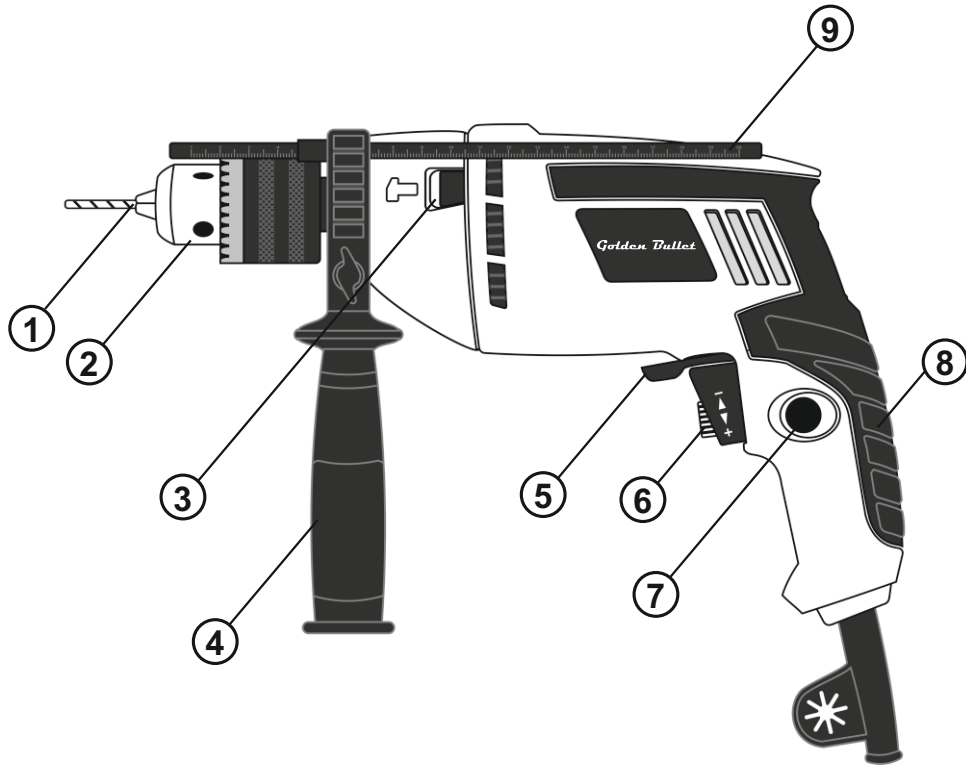
Golden Bullet®[®] 

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IMPACT DRILL - HI93



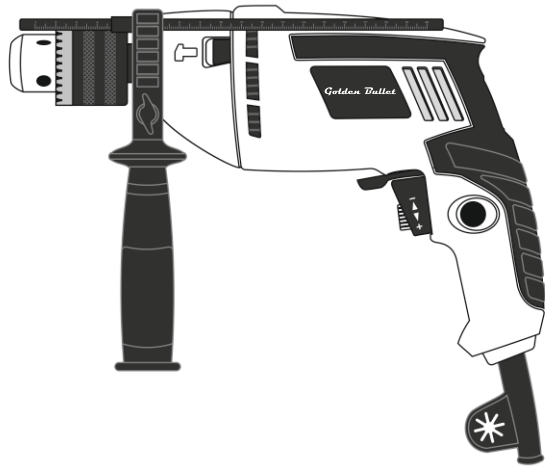
- 1 : Drill Bit • 2 : Chuck
- 3 : Switch for impact/normal mode
- 4 : Auxiliary Handle • 5 : Forward/Reverse switch
- 6 : Variable speed dial / On & Off Switch
- 7 : Lock Button • 8 : Grip • 9 : Depth Gauge

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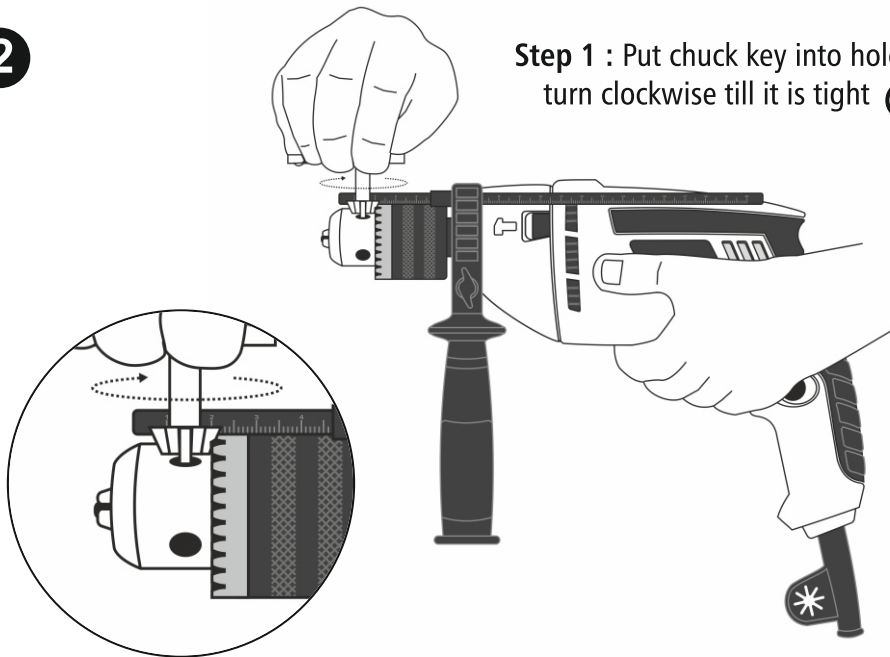
HOW TO OPERATE

1



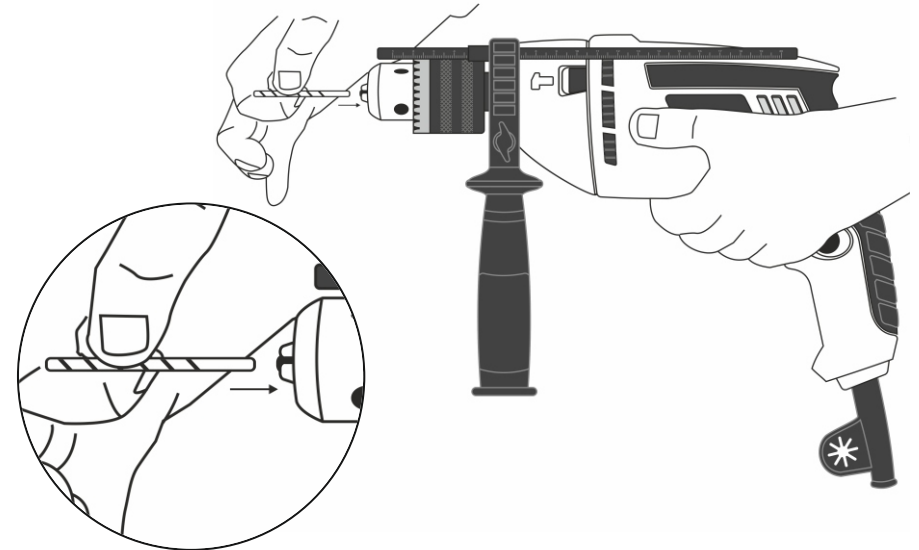
2

Step 1 : Put chuck key into hole & turn clockwise till it is tight ↻



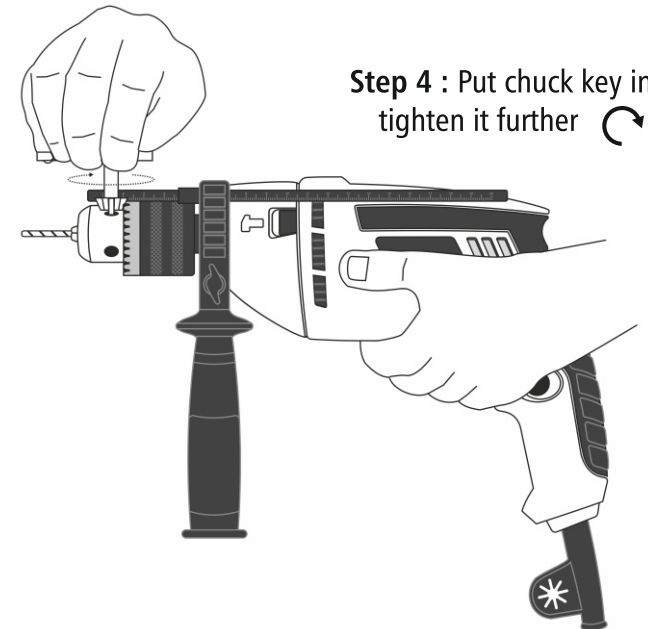
3

Step 2 : Put drill bit into chuck



4

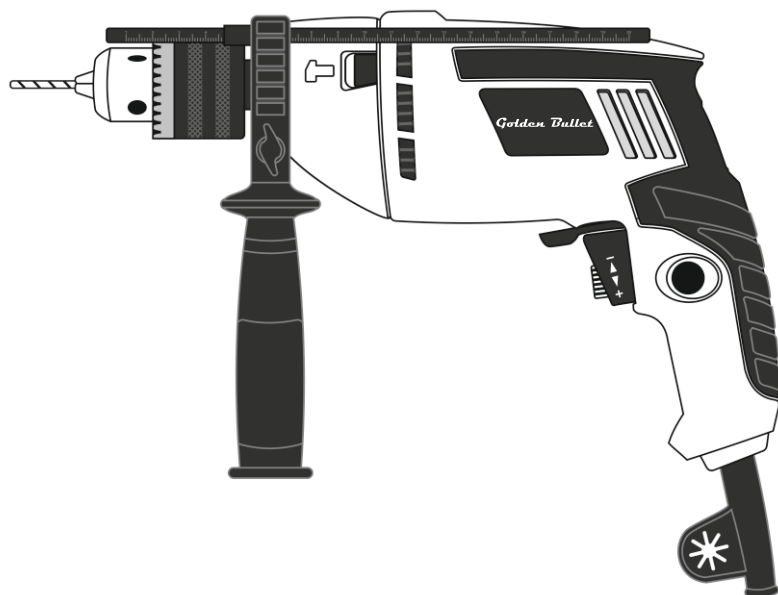
Step 4 : Put chuck key into hole & tighten it further ↻



HOW TO OPERATE

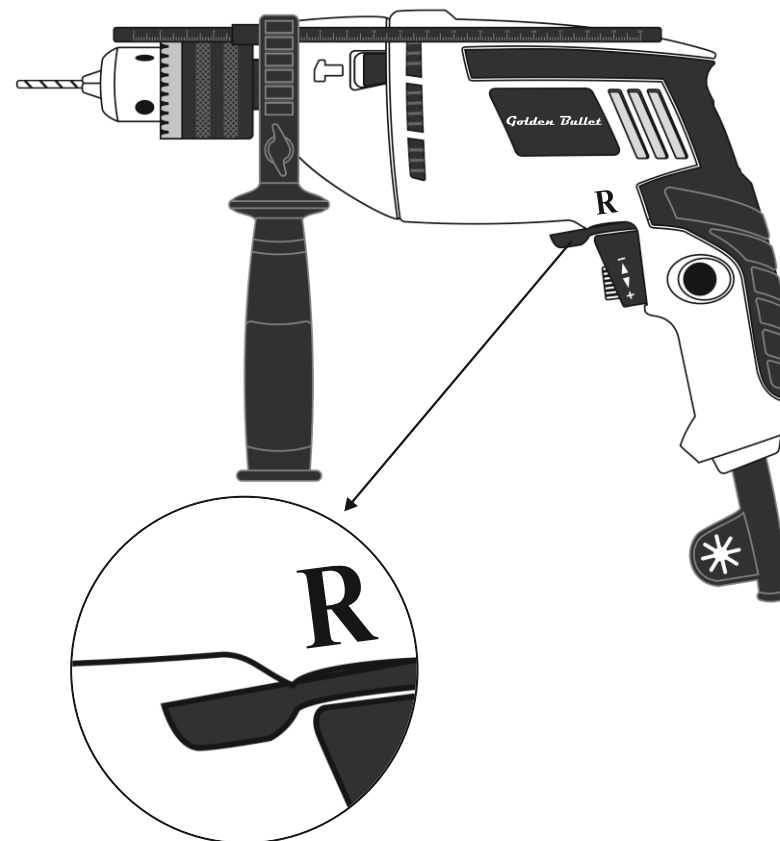
5

Start drilling !



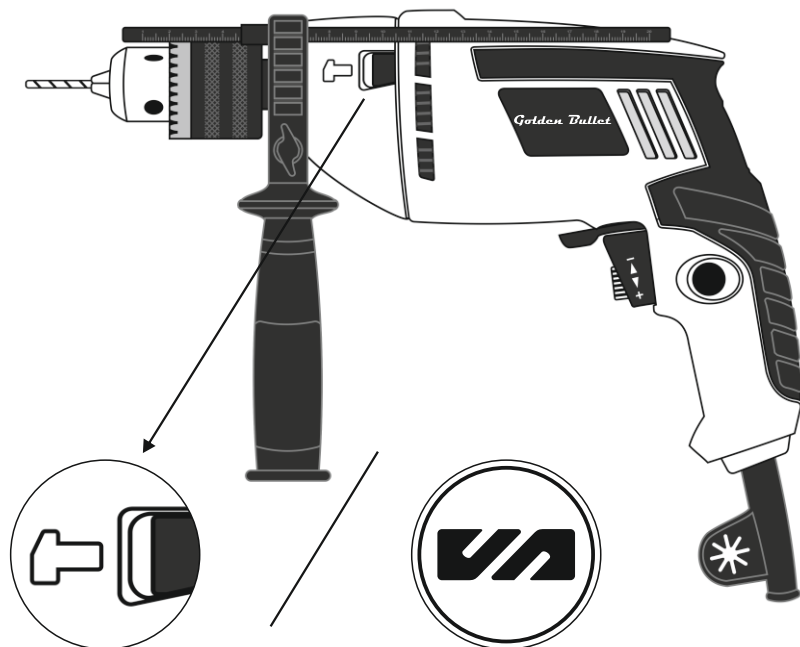
INSTRUCTIONS

Selecting the direction of rotation



- To select forward rotation push the forward/reverse button to the **R** position.
- To select reverse rotation push the forward/reverse button to the **L** position.
- Never change the direction of rotation while the motor is running

Switching between normal and impact mode



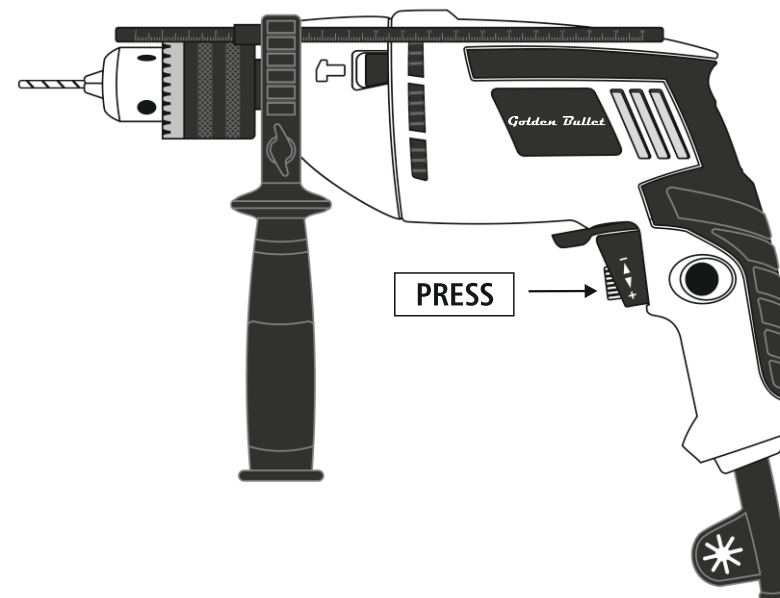
Switch to impact mode
for masonry application
...plaster,bricks,walls.etc

Switch to normal mode
for metal,wood.etc

HOLDING TOOL

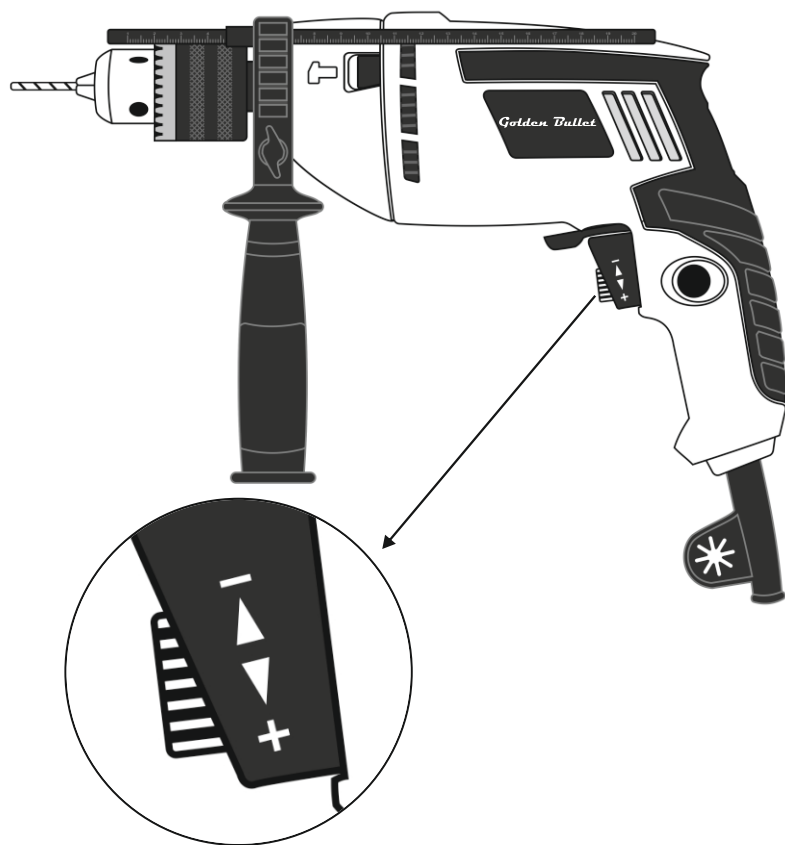
- When drilling a large hole the side grip (auxiliary handle) should be used as a brace to maintain safe control of the tool
- Grasp the rear handle and the front grip firmly when starting or stopping the tool, since there is an initial and final reaction.

Switching ON/OFF



- To switch the tool on press the variable speed switch. The tool speed depends on how far you press the switch, As a general rule use low speed for larger diameter drill bits and higher speeds for diameter drill bits.
- For continuous operation press the lock on button and release the variable speed switch, This operation is available only at full speed in both forward and reverse mode.
- To switch tool off release the variable speed switch, To switch the tool off when in continuous operation press the variable speed switch again and release it.

Adjusting the speed



- Turn the dial towards the '+' side to increase the speed.
- Turn the dial towards the '-' side to decrease the speed.

TECHNICAL CHARACTERISTICS

Rated Voltage	230V
Rated Frequency	50 Hz
Rated Input Power	600 W
Rated No Load Speed	0-2800/min
Max. Capacity of Chuck	13 mm
Weight	1.7 kg
LpA (Sound Pressure Level)	90dB (A) K=3dB
LwA (Sound Power Level)	101dB (A) K=3dB
Vibration Level	ah, ID=9.24m/s ² K=1.5m/s ² ah, ID=2.80m/s ² K=1.5m/s ²
Protection Class	II



WARNING : To reduce risk of injury, user must read instruction manual.

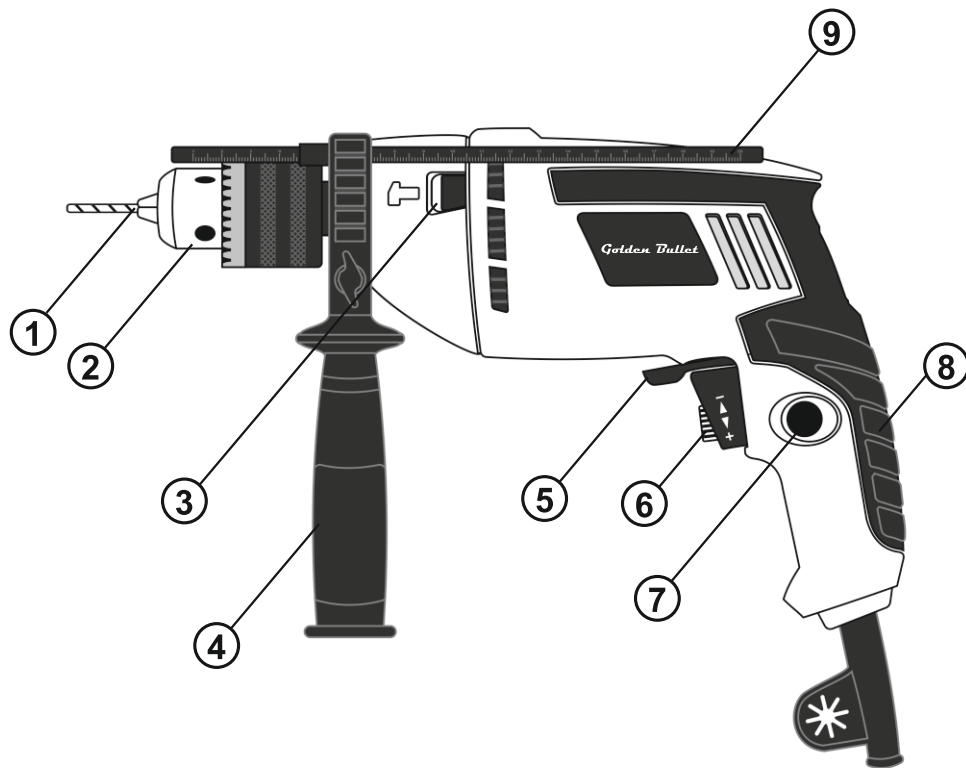


Wear ear protection.




Sight and respiratory protection must be worn.

LABELLED PARTS



1. **Drill Bit** : Used to drill into walls/concrete/plaster etc.
2. **Chuck**
3. **Switch for impact/normal mode**
4. **Auxiliary Handle**: Used to get a more sturdy grip while drilling.
5. **Forward/Reverse switch** : Used to change direction of rotation.
6. **Variable speed dial/ On&Off Switch** : Used to increase/decrease speed of rotation and switch ON/OFF the drill machine.
7. **Lock button** : Used to lock drill while doing job.
8. **Grip**
9. **Depth gauge** : Used to set limit for depth of hole.

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.

1. WORK AREA SAFETY

- a. **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- b. 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.
- c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. ELECTRICAL SAFETY

- a. **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.
- b. 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.

- c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d. **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.
- e. **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.
- f. 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

- a. **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

SAFETY WARNINGS

tools may result in serious personal injury.

b. 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.

c. 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.

d. 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.

e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f. 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.

g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

4. POWER TOOL USE AND CARE

a. 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.

b. 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.

c. 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.

d. 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

SAFETY WARNINGS

dangerous in the hands of untrained users.

e. MAINTAIN POWER TOOLS

Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

5. SERVICE

a. 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.

6. DRILL SAFETY WARNINGS

Wear ear protectors. Exposure to noise can cause hearing loss.

NOTE The above warning applies only to impact drills and may be omitted for drills other than impact drills. 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

MAINTENANCE & SERVICING:

This power tool normally requires no maintenance, however, lubricating the guide roller from time to time with a drop of oil will extend the life of the roller. When the brush is worn to a certain length, the tool may stop. When this state is reached, both brushes should be changed. To guarantee the safety and the dependability of the product, repairing or changing the brushes or other maintenance should be carried out by qualified service person.

SPARE PARTS LIST

Parts No	Parts Name	Qty
1	bolt M5x20(left)	1
2	chuck	1
3	spindle	1
4	stell ball S 3	1
5	steel jacket	1
6	shaft block	1
7	gear	1
8	wire cards 7	1
9	small spring	1
10	steel ball S 5	1
11	impact block	1
12	bearing 608	1
13	rotor	1
14	bearing 607	1
15	stator	1
16	carbon brush	2
17	left housing case	1
18	inductance	2
19	capacitor 0.22uF	1
20	cable pressboard	1
21	screw ST2X12	2
22	cable plug	1
23	cable jacket	1
24	right housing case	1
25	screw ST4.2X14	11
26	impact iron slice	1
27	impact button	1
28	selector lever	1
29	additional handle	1
30	depth guage	1
31	chuck spanner	1

SPARE PARTS LIST

