TOTAL

One-Stop Tools Station

HAMMER DRILL

TG109136

850W

Security instructions

Caution

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

Note: Save all warnings and instructions for future reference.

1) **Work area safety**
   a. Keep the work area clean and well lit to prevent accidents.
   b. Do not use power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust that can cause fires.
   c. Keep children and other unauthorized persons away while using a power tool. Distractions can cause you to lose control of the tool.

2) **electrical safety**
   a. Power tool plugs must match the outlet. Never modify the plug in any way. Using a suitable plug reduces the risk of electric shock.
   b. Avoid bodily contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
   c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electrical shock.
   d. Never use the cord to carry, pull or unplug the power tool. Keep the cable away from heat or oil.
   e. When using a power tool outdoors, use an extension cord suitable for outdoor use.
   f. If using the tool in a damp location is unavoidable, use a Residual Current Device (RCD) protected supply to reduce the risk of electric shock.
   g. Make sure the mains voltage is the same as the voltage on the tool's nameplate. Remove plug from outlet before making any adjustments or servicing.

3) **Personal security**
   a. Always stay alert, watch what you are doing and use common sense when using the tool.
   b. Do not use a power tool if you are tired or under the influence of medication or other substances.
   c. Wear personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-slip safety shoes, hard hat, or hearing protection used in the proper conditions will reduce personal injury. Also don't wear loose clothing or jewelry.
   d. Prevent the tool from turning on unintentionally. Make sure the switch is in the off position before connecting to power source and moving.
   e. Remove any adjusting wrenches or wrenches before turning on the power tool. An adjustable wrench or wrench placed in a rotating part of the power tool can cause serious injury.
   f. If devices are used for dust extraction and collection, make sure they are properly connected. Properly use these devices and you will reduce dust-related hazards.

4) Use and care of power tools

a. Do not force the tool. Use the correct power tool for each use.
b. Do not use the power tool if its power switch does not work. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
c. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool to avoid accidental starting of the tool.
d. Use the power tool, accessories and bits etc. in accordance with these instructions, taking into account the working conditions and the work to be carried out. Using the power tool for operations other than those intended could result in a hazardous situation.
e. Store power tools out of the reach of children and do not allow people unfamiliar with the tool to use it.
f. Keep power tools in good condition. Check for misalignment or binding of moving parts, breakage of parts, and any other conditions that may affect the operation of power tools. If it is damaged, have the power tool repaired before using it. Many accidents are caused by poorly maintained power tools.
g. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

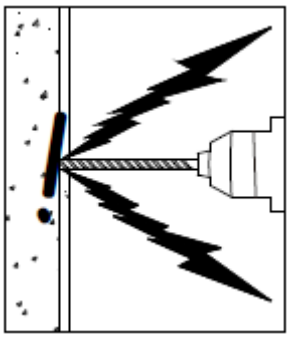
5) Service

a. Have your power tool serviced by a qualified person and use replacement parts recommended by the manufacturer. This will ensure that the safety of the power tool is maintained.

Safety rules for correct use

	Double insulation for additional protection
	Please read the instruction manual before use.
	CE conformity.
	Wear safety glasses, hearing protection and a dust mask.
	Waste electrical products must not be disposed of with household waste. Please recycle at the appropriate facilities. Check with your local authority or retailer for recycling advice.
	Security alert. Use only accessories supported by the manufacturer.

Additional security warnings



- Wear ear and eye protection. Exposure to noise can cause hearing loss.
- Use auxiliary handles, 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 bit may contact hidden wiring or its own cord.
- Bits coming into contact with a live pipe or cable could cause electric shock and other injury to the operator.
- Always route the cable to the rear, away from the machine.
- Do not carry the machine by the cable.
- When working with the machine, always hold it firmly with both hands and stand firm.
- During breaks in work or when the tool is not in use (for example, changing work tools, repairs, cleaning, adjustment), disconnect the tool from the mains.
- Unqualified people cannot use this tool.
- Keep tool accessories out of the reach of children.
- Use only original accessories recommended by the manufacturer.

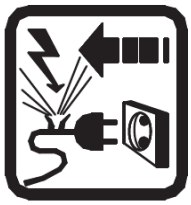
Other risks

Even when the power tool is used as prescribed, it is not possible to eliminate all residual risk factors:

a. Health defects resulting from vibration emission if the power tool is used for a longer period of time or if it is not managed and maintained properly.
b. Injuries and property damage due to broken fixtures breaking suddenly.

Caution

This power tool produces an electromagnetic field during operation. This field can, in some circumstances, interfere with active or passive medical implants.



To reduce the risk of serious injury, we recommend that persons with medical implants consult their physician before using this power tool.

If the cable is damaged or cut during work, do not touch the cable, immediately unplug the tool. Never use the machine with a damaged cable.

The machine must not be damp and must not be used in a humid environment.

Attention

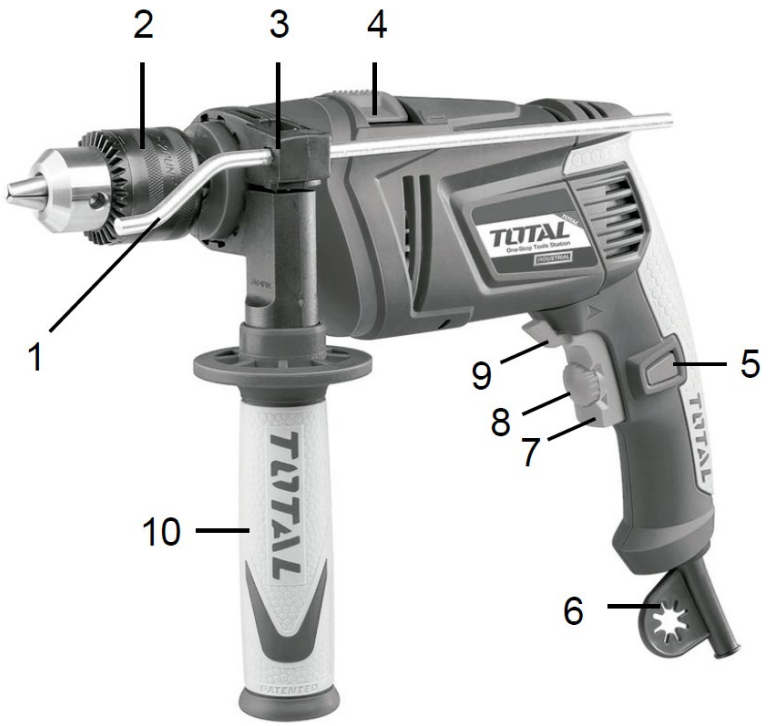
Safe operation of this machine is only possible when the operating or safety information is fully read and the instructions contained therein are strictly followed.

Technical data

Technical sheet	
Power	850W
Voltage	220-240V~50/60Hz
No load speed	0-2700/min
Strokes per minute	0-43200/min
Mandrel	1.5-13mm

Product description

1. Depth stop
2. Drill chuck
3. Locking screw for depth stop
4. Drill/Impact Action Selector Switch
5. Switch lock button
6. Cable sleeve
7. On/off switch
8. Variable speed control
9. Forward/reverse selector switch
10. Auxiliary handle



Note: Not all accessories illustrated or described may not be included in the standard delivery.

Note 2: Double insulation: The tool is double insulated. This means that all external metal parts are electrically isolated from the mains. This is done by placing isolation barriers between electrical and mechanical components, making it unnecessary to ground the tool.

Set up

Installation of the auxiliary handle

(Fig. 1) For your personal safety, we recommend using the auxiliary handle at all times. For your installation:

- Loosen the set screw counterclockwise.
- Slide the handle over the neck of the drill.
- Rotate handle around neck to desired position.
- Adjust the locking screw clockwise to fix the handle.
- If you are right-handed, adjust the auxiliary handle as shown in Imag. two.

- If you are left-handed, adjust the handle backwards

Install depth gauge

(Imag. 2) The depth stop can be used as a stop to make holes with a specific measurement. To set the depth gauge:

- Misalign auxiliary handle
- Insert the stopper through the hole
- Calibrate the distance you want
- adjust the handle

drill bits and chucks

To mount a bit in the chuck:

- remove the key
- Insert it into the key pin housing
- Turn it counterclockwise to the size of the bit you want to install.
- Then turn the key counterclockwise until it is snug.

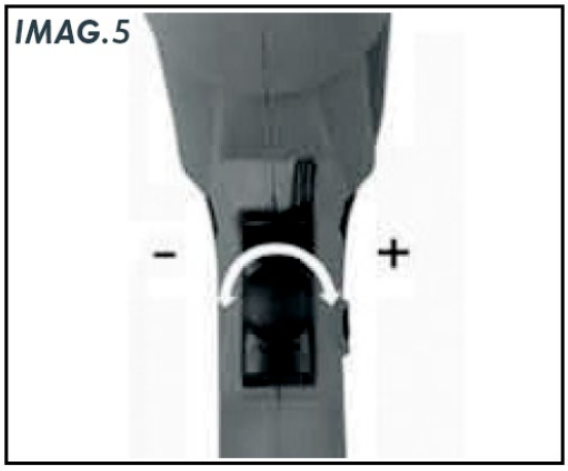
Ignition switch

(Imag. 4) Press the switch to turn on your drill, if you want to keep it on continuously secure it with the side button. To unlock it just press the switch.

Variable speed selector

(Imag. 5) This selector allows you to keep the speed constant:

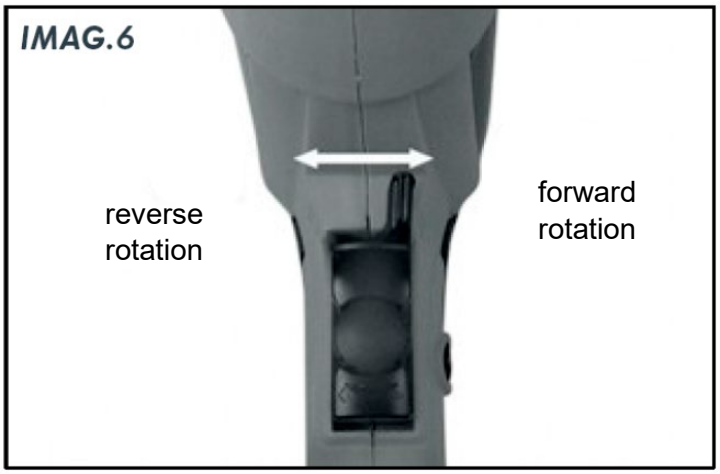
- Turn control knob clockwise to maintain high speed
- Counterclockwise to decrease it.



Change direction of rotation

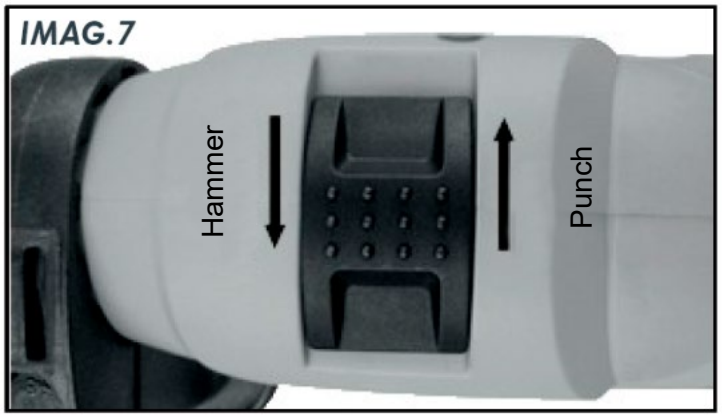
(Imag. 6) To change the direction of rotation, turn the knob or switch to the left or right according to your need.

Note: Never move the switch or knob while the drill is on, this maneuver will damage your tool..



hammer selector

(Fig. 7) When drilling in wood or metal select and when for drilling.



Suggestions

Masonry and concrete drilling

- Set the drill/impact action selector switch to the "hammer symbol" position

Note: Tungsten carbide bits should always be used for drilling masonry, concrete, etc. with a high speed.

drilling in steel

Set the drill/impact switch to the "drill symbol" position. HSS Low revolution should always be used for drilling metals

screwing function

- Select drilling function in steel for screwdriving function.

Note: This operation must be done at low revolution.

pilot holes

To drill a large hole in a strong material such as steel, we recommend drilling a small pilot hole before using a larger diameter drill bit.

ceramic perforated

It is recommended to drill ceramics in the drilling position for steel, once the surface has been undercut and if the material allows it, change to the impact position and do it at low revolution.

engine cooling

If your hammer drill gets too hot, set the speed to maximum and run the tool with no load for 2-3 minutes to cool down the motor.

Maintenance

- This tool does not require periodic lubrication so maintenance is not up to the end user.
- Never use water or chemicals to clean your tool, after each use clean it with a dry cloth or pressurized air.
- Always store your tool in a dry place.
- Keep the ventilation slots clear and clean.
- If you notice some sparks inside your tool it is normal due to the brushes rubbing against the commutator.
- If the electrical cable is damaged or deteriorated, it must be replaced by one with the same characteristics.

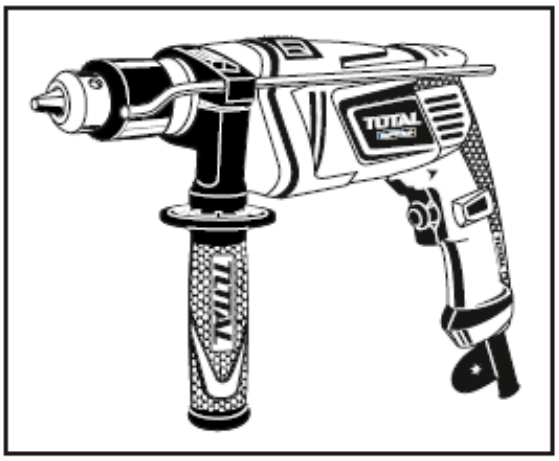
Problem solving

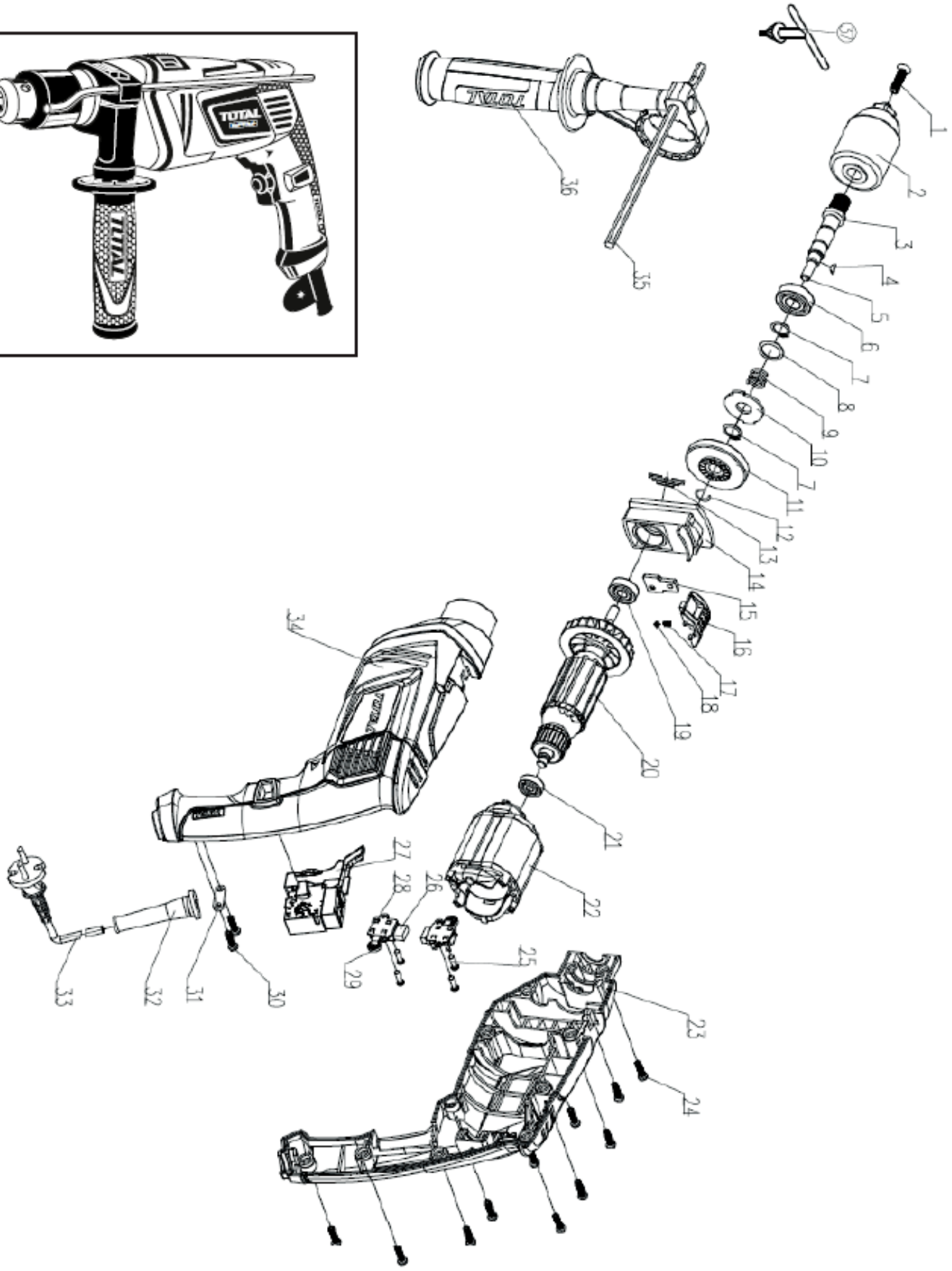
- If your drill doesn't work, check to see if the outlet has power and if the tool is plugged in.
- If the bit is not cutting properly, check that it is sharp, or replace it. Also check the direction of rotation of your drill.
- If after checking these recommendations it does not work, take it to the Total authorized service center.

Environment

- Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
- Contact your local authority for information on available collection systems.
- If electrical appliances are disposed of in landfills, hazardous substances can seep into the groundwater and enter the food chain, harming your health and well-being.
- Recycle raw materials instead of disposing of them as waste.
- The machine, accessories and packaging must be sorted for environmentally friendly recycling.
- Plastic components are labeled for categorized recycling.

Exploded view





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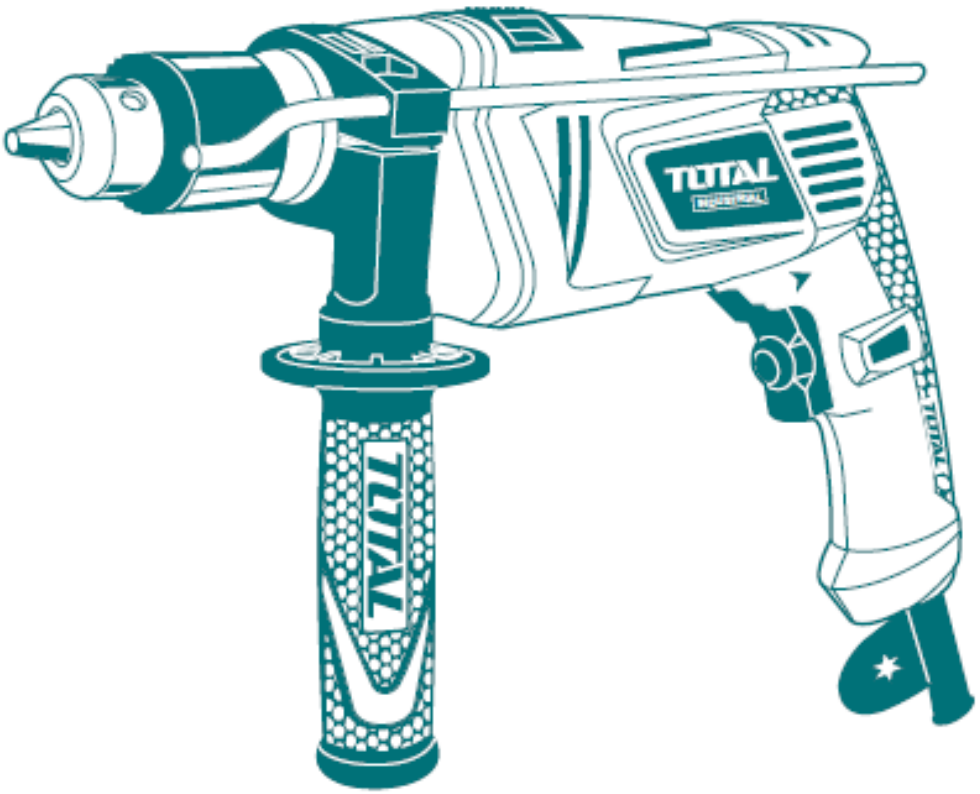

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