

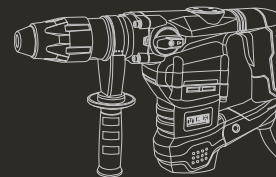


www.tehtools.com

Rotary Hammer

TH4016

To Be Your Exclusive Helper



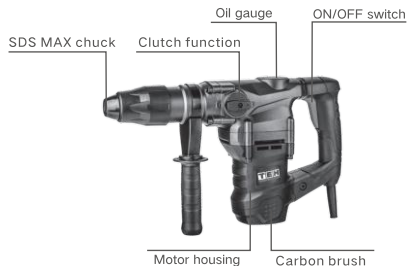
TEH

®

TECHNICAL SPECIFICATION

Model	TH4016
Max drilling diameter	40mm
Rated voltage	220V
Rated frequency	50Hz
Rated input power	1600w
No-load speed	630r/min
Impact force	9.0J
Max impact rate	3800bpm

COMPONENTS AND ACCESSORIES



Accessories included:

- 1 wrench
- 1 drill bit: 18x320mm
- 1 pointed chisel: 18x320mm
- 1 oil tube
- 1 instruction manual
- 2 spare carbon brushes

SAFETY INSTRUCTIONS

WARNING ⚠

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or other serious injury. The term “power tools” in all of the warnings listed below refers to mains-operated (corded) power tool or battery operated (cordless) power tool.

WORK AREA

- 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.

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 tools. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increases 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.

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 tools may result in serious personal injury.
- b) Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce the risk of personal injuries.
- c) Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in the 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 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.

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 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 power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, breakage or parts and any other condition that may affect the power tools operations. 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.

SERVICE






- a) Tool service must performed only by qualified personnel. Service or maintenance performed by unqualified personnel could result in risk of injury.
- b) When servicing a tool, use only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY INSTRUCTIONS FOR ROTARY HAMMER

- a) Use only accessories recommended for this electric hammer chisel. Follow instructions that accompany accessories. Use of improper accessories may cause injury to the operator or damage to the rotary hammer.
- b) If any part is missing or damaged, do not plug the chisel into the power source until the missing or damaged part is replaced.
- c) To avoid fire or toxic reaction, never use gasoline, naphtha, acetone, lacquer thinners or similar highly volatile solvents to clean the tool.

IMPORTANT NOTE

SYMBOLS

-  Read the manual
-  Warning
-  Wearing protection
-  Double insulation
-  WEEE marking

NOTE

- 1) This electric hammer chisel does not have reverse direction, so always take care not to force the chisel in case the chisel bit gets stuck. Always make sure you keep the chisel going in and out to remove debris.
- 2) This chisel does not have torque facility. It is not recommended to use any other bit other than masonry or chisels do not use metal cutting drills, this could cause serious injury.
- 3) Chiseling for an extended period of time may cause the chisel motor to overheat. If the chisel gets hot, stop chiseling and allow it to cool for at least 15 minutes.

ASSEMBLY & OPERATION INSTRUCTION

APPLICATIONS

Crushing concrete, chipping, digging, and squaring. (Application Examples)
Installation of piping and wiring, sanitary facility installation, machinery installation, water supply and drainage work, interior jobs, harbor facilities and other civil engineering work.

PRIOR TO OPERATION

1. Power source

Ensure that the power source to be utilized conforms to the power requirements specified on the product nameplate.

2. Grounding

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with a three conductor cord and grounding type plug to fit the proper grounding type receptacle. The green or yellow) wire to a live terminal.

3. Power switch

Ensure that the switch in the OFF position. If the plug is connecting to a power receptacle while the switch in the ON position, it operates immediately, which invites serious accident.

4. Extensional cord

When the work area is remote from the power source, use an extension cord of sufficient thickness and rated capacity.

The extension cord should be kept as short as practicable.

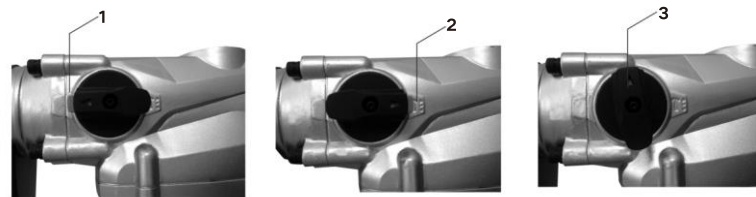
HANDLE ATTACHMENT

For reasons of safe, only use the hammer drill with handle attachment.

You will be able to obtain a safe body position when work by rotating the handle attachment in an anticlockwise.

SAFETY CLUTCH

The safety clutch is activated if the drill becomes jammed or caught. This prevents the machine from being wrenched from the operator's hand.



Notice: Three clutch functions

1: Only Hammer 2: Hammer & drill 3: Spindle Lock

AUXILIARY HANDLE

The machine must not be used without auxiliary handle and must always be held with both hands. Loose handle by rotating counter-clockwise rotate.

Auxiliary handle adjust the working position. The handle must be re-tightened.



CHANGING THE TOOL (SDS-MAX)

Note: It is a characteristic of the system that product a radial eccentricity when the machine is running at no-load speed. This does not affect the accuracy of the drilled hole as the bit is automatically centered during drilling.

The tool holder is maintenance-free. The dust cap prevents drilling dust from entering the machine during operation.

Inserting tools

Clean and lightly grease tool shank before inserting.

Twist the tool into the holder and push it in until it engages. The tool shank locks in position automatically. Pull the tool to check if it is locked correctly.

Removing the tool

Push back the locking sleeve of the tool holder and remove the tool.



HOW TO USE THE HAMMER

1) After placing the tip of in the base hole. Switch ON. In some cases. It is necessary to punch the up of the bit against the crushing position forcibly in order to begin the striking stokes. This is not due to malfunction of the tool. It means that the safe guard mechanism against no-load striking is working.

2) By utilizing the weight of the machine and by firmly holding the hammer with both hands, one can effectively control the subsequent recoil motion.

Proceed at a moderate mark-rate, the use of too much force will impair efficiency.

Caution: Sometimes the tool does not begin the striking stroke even when the motor rotates because the oil has become thick. If the tool is used at low temperatures or if it is used running in for five minutes in order too warm it up.

MAINTENANCE AND INSPECTION

OIL FEEDING

Caution: Prior to oil feeding, always disconnect the plug from the power supply receptacle. Since an oil chamber is built in this Electric Hammer, it can be used for approximately 20days without supplying lubricating oil, assuming that the hammer is used continuously 3~4 hours daily.

Feeding oil into the oil tank as described below before using this hammer.

- 1) Just before no oil is visible in the oil gauge windows when the device is held upright feed oil to warm it up.
- 2) Before feeding oil, use the wrench to remove the oil gauge. Be careful not to lose the rubber packing attached below the oil gauge.
- 3) Check the oil level once daily, confirming that oil is filled.
- 4) After feeding oil, securely clamp the oil gauge.

Inspecting the tool

Since use of a dull tool will cause motor malfunctioning and degraded efficiency, when it or replace with a new one without delay when abrasion is noted.

Inspecting the mounting screws

Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose retighten them immediately. Result in serious hazard.

Maintenance of the motor

The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and/or wet with oil.

WARNING

Every time you use the machine you should verify the following:

- 1) Hex bit is secure.
- 2) Oil level is full.
- 3) Select to the function you want to do before you engage in the proposed operation
- 4) All safety apparel. Safety Glasses Safety Shoes. Safety Gloves. Ear Defenders and Safety Hat are being worn.

Failure to adhere to these safety rules can greatly increase the chances of injury.

WARRANTY CARD

Dear customers, the warranty service for purchasing TEH products is as follows:

Under normal use, the wear of the rotor steering gear is less than 0.2 mm within three months from the date of purchase. It is guaranteed that the damage is caused by the quality of the tool.

The following conditions occur during the warranty period, not covered by the warranty:

- a. Any valid legal document (single ticket) certifying the date of purchase
- b. Any damage caused by natural wear and overload
- c. Any damage caused by the use of low-priced inferior accessories
- d. Any damage caused by improper carrying, transportation or storage
- e. Any product that has been opened, repaired, replaced, or modified by itself
- f. Any damage caused by misuse, beyond the scope of use of the tool, and failure to use and maintain in accordance with the instructions

 ladies/gentlemen: _____ employer: _____

contact number: _____ fax number: _____

contact address: _____

warranty record: _____

post code: _____

IMPORTANT NOTE

1. The invoice and warranty card must be presented at the time of warranty.
2. The fuselage number on the invoice is the same as the fuselage number on the warranty card.
3. Once this warranty card is issued, if it is lost, it will not be reissued. Please keep it properly.

Note: The company reserves the right to amend the above provisions and has the final interpretation right in the case that the warranty service does not violate national laws.