

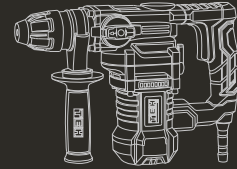


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Rotary Hammer

**TH2610 TH3215**

To Be Your Exclusive Helper



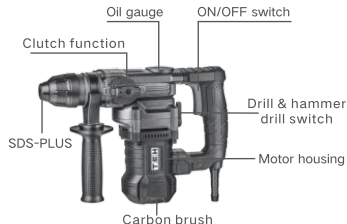
**TEH**



## TECHNICAL SPECIFICATION

Model	TH2610	TH3215
Max drilling diameter	26mm	32mm
Rated voltage	220V	220V
Rated frequency	50Hz	50Hz
Rated input power	1000w	1500w
No-load speed	850r/min	920r/min
Impact force	4.0J	6.0J
Max impact rate	4000bpm	4350bpm

## COMPONENTS AND ACCESSORIES



### Accessories included:

- 1 dust guard
- 1 oil tube
- 3 SDS-PLUS drill bits :
  - 8x150mm ,
  - 10x150mm,
  - 12x150mm
- 2 chisel: pointed and flat
- 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

- 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.
- If any part is missing or damaged, do not plug the chisel into the power source until the missing or damaged part is replaced.
- 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

- 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.
- 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.
- 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

### WARNING

**Always make sure the power tool is isolated from the power supply before fitting any attachment.**

### ASSEMBLY

**Handle. See (Fig 1)**

Always make sure the fixed handle is secure before any job takes place as a loose handle could invite injuries.

## Switching the chisel on/off. See (Fig 2)

The chisel has an On/Off switch (Fig 2) built in to the handle. Holding the chisel with both hands simply squeeze the trigger and the motor will start. To switch off release the trigger.



Fig 1



Fig 2

### WARNING ⚠

The electric hammer chisel continues for a few second after the trigger has been release, be careful when putting it down.

## Fitting a chisel bit into the Hex housing. See (Fig 3).

Put the bit into the hex housing and clamp the bit by turning the stop lever half a turn anti clockwise. This will lock the bit in place. See (Fig 4) .

Do not use the chisel until you are satisfied the bit is secured.

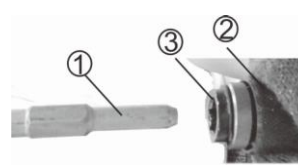


Fig 3

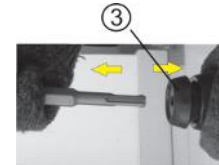


Fig 4

### PRECAUTIONS ON USING ELECTRIC HAMMER CHISEL ⚠

- 1) Before using the electric hammer chisel always make sure the oil supply is to the full level and the screw is tight.
- 2) This electric hammer chisel has a fixed handle always make sure the screws holding the handle are secure before operation takes place. Always use both hands when using this chisel failure to adhere to this could invite injuries.
- 3) Safe operation, always make sure you have a stable posture and safe footing before operating the electric hammer chisel.
- 4) When working at a high level, always make sure that no person or persons are below you, as this could invite injuries to those persons under you.
- 5) Before starting any job like breaking, chipping a wall, floor or ceiling, thoroughly confirm that no items such as an electric cable, water pipe or conduit are buried inside as this could cause injury or flooding.
- 6) Properly set the bit holder.
- 7) The bit can become very hot during operation exercise extreme caution as this could cause injury.

- 8) Always wear protective safety glasses.
- 9) Always wear ear defenders or earplugs.
- 10) Always wear suitable dust mask.
- 11) Always wear protective footwear.
- 12) Always wear hardhat.

## INFORMATION ON HOW TO USE THE ELECTRIC HAMMER CHISEL. 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 receptacle, the green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live or neutral terminal.

### 3) Power switch

Ensure that the power switch is in the off position before any work is carried out on the chisel. If the plug is connected to a power receptacle while the power switch is in the on position, the power tool will start operating immediately this could invite serious injury.

### 4) Extension cord

When the work area is away from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.

## HOW TO USE THE ELECTRIC HAMMER CHISEL

Place the bit you are going to use to do the job in hand as in Fig 3 and 4

- 1) Pull the trigger switch after applying the chisel bit tip to the chiseling position.
- 2) It may be necessary to punch the bit against the crushing position forcibly in order to begin the striking stroke. This is not due to malfunction of the tool, it means that the safe guard mechanism against no-load striking is working.
- (3) By utilizing the weight of the machine and by firmly holding the hammer chisel with both hands, one can effectively control the subsequent recoil motion. See.

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

## WARNING ▲

**Sometimes the tool does not begin the striking stroke even when the motor rotates this may be because the oil has become thick.**

**Due to low temperature or has been standing idle for long period. Run the chisel for approx 5 minutes to bring the oil temperature up.**

## MAINTENANCE

### OIL FEEDING

Prior to oil feeding, always disconnect the plug from the power supply receptacle. Since an oil chamber is built in this electric hammer chisel, it can be used for approximately 20 days without supplying lubrication oil, assuming that the chisel is used continuously 3 – 4 hours daily.

Feed oil into the oil tank as described below before using the hammer chisel. See (Fig5)

- 1) When the chisel is held upright look through the oil gauge window to see if oil is visible, if no oil shows oil must be installed before operating. If chisel is used without oil this could seriously damaged the chisel and forfeit any warranty given.
- 2) Before feeding oil, use the provided 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.



Fig 5

## MAINTENANCE AND INSPECTION

### 1. Inspecting the tool

When using dull tool bits this can cause motor malfunction and degraded efficiency. Always replace dull bits with new ones without delay when abrasion is noted.

### 2. 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. Failure to do so could result in serious injury.

### 3. 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 or water.

### 4. Inspecting the carbon brushes.

The motor employs carbon brushes that are consumable parts; since an excessively worn carbon brush could result in motor trouble, replace the carbon brush. Wear limiter of carbon brush. See (Fig 6)

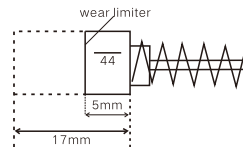


Fig 6



Fig 7

Always keep carbon brushes clean and ensure that they slide freely within the brush holders.

## 5. Replacement steps

The carbon brush can be removed by removing the cap cover, cap rubber and brush cap in that order at the interior. See (Fig 7)

To replace carbon brush, reverse order of removal.

## 6. Installing bits

Never hold the chuck body with one hand and use the chisel power to the chisel body to loosen or tighten bits. You may severely injure your hand.

Be prepared for binding and bit breakthrough. When these situations occur, the chisel bit has the tendency to grab the work piece.

This action will kick the chisel opposite to the direction of chisel bit rotation and could cause loss of control when breaking through material as you complete chiseling the hole. If you are not prepared, this loss of control can result in possible serious injury.

### 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.

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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.