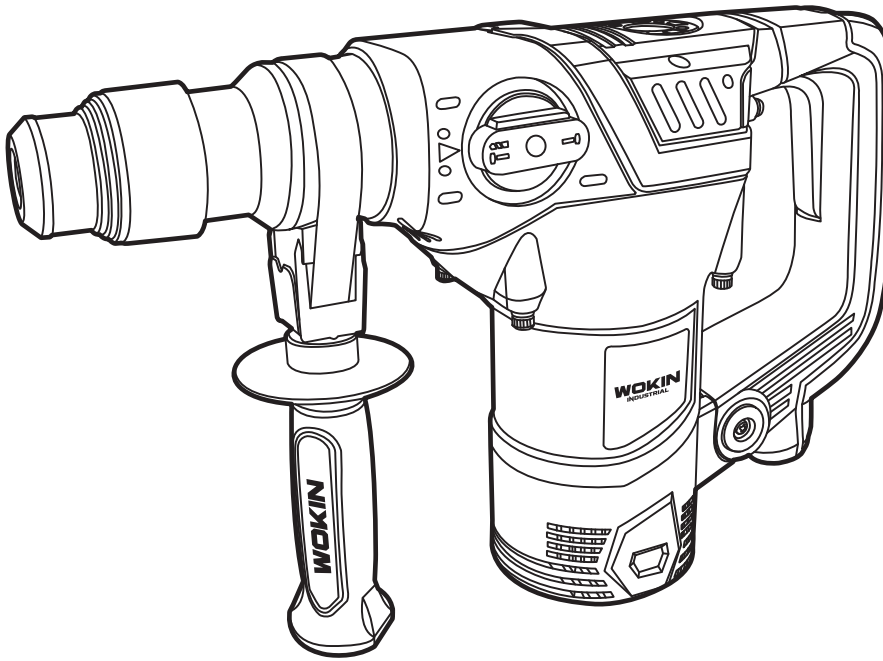
WOKIN

785701

ROTARY HAMMER
INSTRUCTION MANUAL

INDUSTRIAL

1500W
220-240V
~50/60Hz



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QUALITY TOOLS
QUALITY WORK
WOKIN
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SAVE THIS MANUAL!
You will need this manual for safety instructions, operating procedures and warranty.
Put it and the original sales receipt in a safe dry place for future reference.

IMPORTANT SAFETY INFORMATION

General Power Tool Safety Warnings

⚠ WARNING:

Read all safety warnings and 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. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. 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
3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
4. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
5. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
6. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
7. 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.
8. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a
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Rotary Hammer Safety

⚠ WARNING

1. Wear ear protectors with rotary hammers. Exposure to noise can cause hearing loss.
2. Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.
3. Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
4. Let bit cool before touching, changing or adjusting it. Bits heat up dramatically while in use, and can burn you.
5. If the drill bit jams, release the trigger immediately; drill torque can cause injury or break bit.
6. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact TolsenTools for a replacement.
7. Avoid unintentional starting. Prepare to begin work before turning on the tool.
8. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.
9. When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.
10. Do not leave the tool unattended when it is plugged into an electrical outlet. Turn off the tool, and unplug it from its electrical outlet before leaving.
11. This product is not a toy. Keep it out of reach of children.
12. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure. In addition, people with pacemakers should: · Avoid operating alone. · Do not use with power switch locked on. · Properly maintain and inspect to avoid electrical shock. · Any power cord must be properly grounded. Ground Fault Circuit Interrupter (GFCI) should also be implemented – it prevents sustained electrical shock.

DRILL SAFETY

1. **When using electric hammer chisel only use bits that are configured with the correct slots for this chuck.**
2. **BEFORE STARTING** the operation, jog the chisel switch to make sure the chisel bit does not wobble or vibrate.
3. **DO NOT USE** fly cutters or multiple-part hole cutters, as they can come apart or become unbalanced in use.
4. **MAKE SURE** the spindle has come to a complete stop before touching the chuck or attempting to change the chisel bit also beware that the bit will be hot, let it cool down before changing as it could burn and cause injury.
5. **ALWAYS MAKE SURE THE CHISEL OR CHISEL IS FIRMLY SEATED IN THE Hex CHUCK** before starting the job in hand.

Vibration Safety

This tool vibrates during use. Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders. To reduce the risk of vibration-related injury:

1. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.
2. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
3. Wear suitable gloves to reduce the vibration effects on the user.
4. Use tools with the lowest vibration when there is a choice.
5. Include vibration-free periods each day of work.
6. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.
7. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

SPECIFICATIONS

Electrical Rating	220-240V~50/60Hz
No Load Speed	850/min^{-1}
Impact Force	5.5J
Input Power	1500W
Impact Rate	4300bpm
Max In Steel	13mm
Max In Concrete	32mm
Max In Wood	50mm
Chuck Type	SDS-PLUS

⚠ WARNING

The electric hammer chisel power tool noise output may exceed 85dB(A) at the workplace. In this instance, wear ear protection.
Wear safety-hearing protection
Wear Dust mask
Wear safety goggles
Wear safety shoes
Wear hard hat

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Note: Symbology

Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

V	volts
A	amperes
Hz	hertz
W	watt
Kw	kilowatts
F	farads
μF	microfarads
I	litres
Kg	kilograms
bar	bars
Pa	pascals
min	minutes
s	seconds

n_o	No load speed
./min or min^{-1}	revolutions or reciprocations per minute
∿	alternating current
3∿	three-phase alternating current
⏚	protective earthing at earthing terminal, class i tools
Ø	diameter
0	off position
→	arrow
⚠	warning symbol
⚠	splash proof construction
💧💧	watertight construction
⧈	class II construction
	**WARNING mark concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields**
	Read the manual before set-up and/or use.

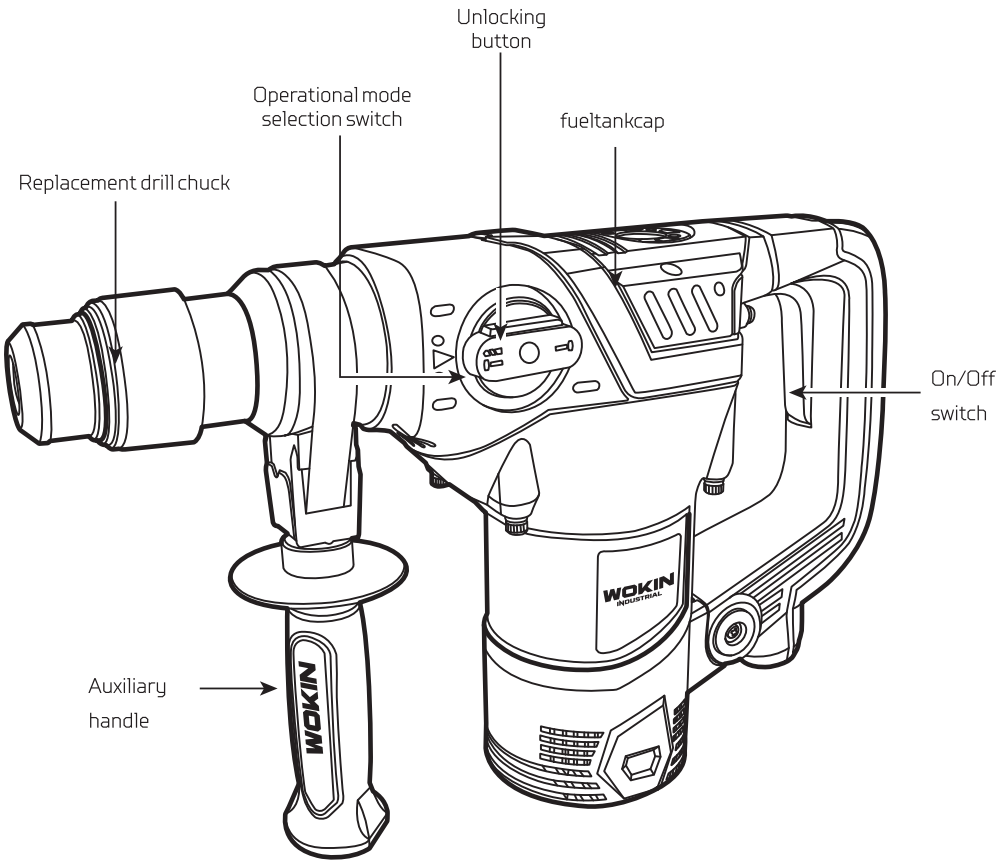
SETUP

Before Use

Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

WARNING:
TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Turn the Power Switch of the tool off and unplug the tool from its electrical outlet before assembling or making any adjustments to the tool.

FUNCTIONS


Unlocking button
Operational mode selection switch
fueltankcap
Replacement drill chuck
On/Off switch
Auxiliary handle
WOKIN
WOKIN INDUSTRIAL

ACCESSORIES & CARTON CONTENTS

	DESCRIPTION	QTY
1	Rotaryhammer	1
2	Chisels	2
3	Drill Bits	3
4	Grease Tube	1
5	Wrench	1
6	Auxiliary Handle	1
7	Carbon Brush	1 pair

⚠ WARNING

If any part is missing or damaged, do not plug the chisel into the power source until the missing or damaged part is replaced.
Carefully unpack the tools see "Components chart" at left hand side of this page.

⚠ WARNING

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 cordless drill.
Do not use any accessory unless you have completely read the instructions or Owner's Manual for that accessory.

⚠ WARNING

To avoid fire or toxic reaction, never use gasoline, naphtha, acetone, lacquer thinners or similar highly volatile solvents to clean the tool.

OPERATING INSTRUCTIONS

⚠ WARNING

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

Handle (Fig1)

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

Fig1

Fitting a chisel bit into the Hex housing (Fig3)

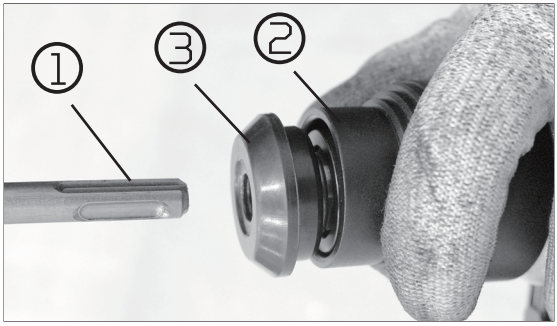


Fig3

Switching the chisel on/off (Fig2)

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.

Fig2

WARNING

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

Put the bit into the hex housing (Fig4)

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)

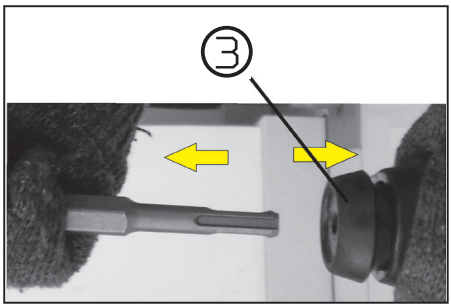


Fig4

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

MAINTENANCE AND SERVICING

⚠ WARNING

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
NOTE: 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.

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

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 Fig 5)

Proceed at a moderate work 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 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.

Fig5

MAINTENANCE

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 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 Fig 6)

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 (4). 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.

Note: Oil for the electric hammer chisel is sold separately, use Shell oil ROTELLA 40 (engine oil) or equivalent, this is sold at most shops or filling stations anywhere.

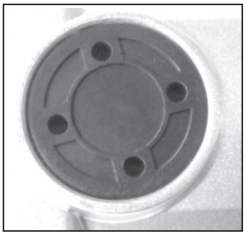


Fig6

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 (6) No of carbon brush (7). (See Fig 7)

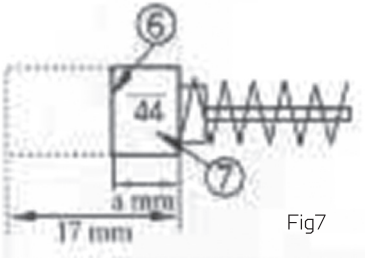


Fig7

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

Replacement steps.
The carbon brush can be removed by removing the cap cover (9), cap rubber and brush cap in that order at the interior (See Fig 8)

Fig8

To replace carbon brush reverse order of removal.

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.

⚠ WARNING

Have you read "POWER TOOL SAFETY", "DRILL SAFETY" and "SYMBOLS" ? If not, please do it now before you operate this drill. Your safety depends on it!
Every time you use the drill 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.

⚠ WARNING

Be prepared for binding and bit break-through. When these situations occur, the chisel bit has the tendency to grab the workpiece.

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.

GENERAL

When servicing, use only identical replace-ment parts. Use of any other part may create a hazard or cause product damage.
DO NOT use solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloth to remove dirt, dust, oil, grease etc.
Do not at any time allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come in contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.
DO NOT abuse power tools. Abusive practices can damage the tool as well as the workpiece.
DO NOT attempt to modify tools or create accessories not recommended. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void any warranty given.

TROUBLESHOOTING

Problem	Possible Causes	Likely Solutions
Tool will not start.	1. Cord not connected. 2. No power at outlet. 3. Tool's thermal reset breaker tripped (if equipped). 4. Internal damage or wear. (Carbon brushes or switch, for example.)	1. Check that cord is plugged in. 2. Check power at outlet. If outlet is unpowered, turn off tool and check circuit breaker. If breaker is tripped, make sure circuit is right capacity for tool and circuit has no other loads. 3. Turn off tool and allow to cool. Press reset button on tool. 4. Have technician service tool.
Tool operates slowly.	1. Excess pressure applied to workpiece. 2. Power being reduced by long or small diameter extension cord.	1. Decrease pressure, allow tool to do the work. 2. Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load. See Extension Cords in GROUNDING section.
Performance decreases over time	Carbon brushes worn or damaged.	Have qualified technician replace brushes.
Excessive noise or rattling.	Internal damage or wear. (Carbon brushes or bearings, for example.)	Have technician service tool.
Overheating. GROUNDING section.	1. Forcing tool to work too fast. 2. Blocked motor housing vents. 3. Motor being strained by long or small diameter extension cord.	1. Allow tool to work at its own rate. 2. Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator while blowing dust out of motor using compressed air. 3. Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load. See Extension Cords in GROUNDING section.
Tool does not grind, sand or brush effectively.	1. Disc accessory may be loose on Spindle.2. Disc accessory may be damaged, worn or wrong type for the material.	1. Be sure disc accessory arbor is correct and Outer Flange/Arbor Nut is tight.2. Check condition and type of disc accessory. Use only proper type of disc accessory in good condition.

WARNING:

Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

CE DECLARATION OF CONFORMITY

WE
ZJG WOKIN INDUSTRIAL CO.,LTD.
350 YANGJIN ROAD, ZHANGJIAGANG,
JIANGSU, CHINA.

Declare that the product
785701 Electric hammer
220-240V~50/60Hz; 1500W Class: II
Serial number: N/A

Complies with the essential health and safety requirements of the following Directices:
EC Machinery Directive 2006/42/EC
The EMC Directive 2014/30/EU

Standards and technical specifications referred to:
EN 60745-1: 2009+A11: 2010
EN 60745-2-6: 2010
EN 55014-1: 2017
EN 55014-2: 2015
EN 61000-3-2: 2014
EN 61000-3-3: 2013

Authorised Signatory and technical file holder
Signed for and on behalf of:
ZJG WOKIN INDUSTRIAL CO.,LTD.
350 YANGJIN ROAD, ZHANGJIAGANG,
JIANGSU, CHINA.
ZHANG XING YU
Group Quality Director

on: 26/05/2020

NOTE

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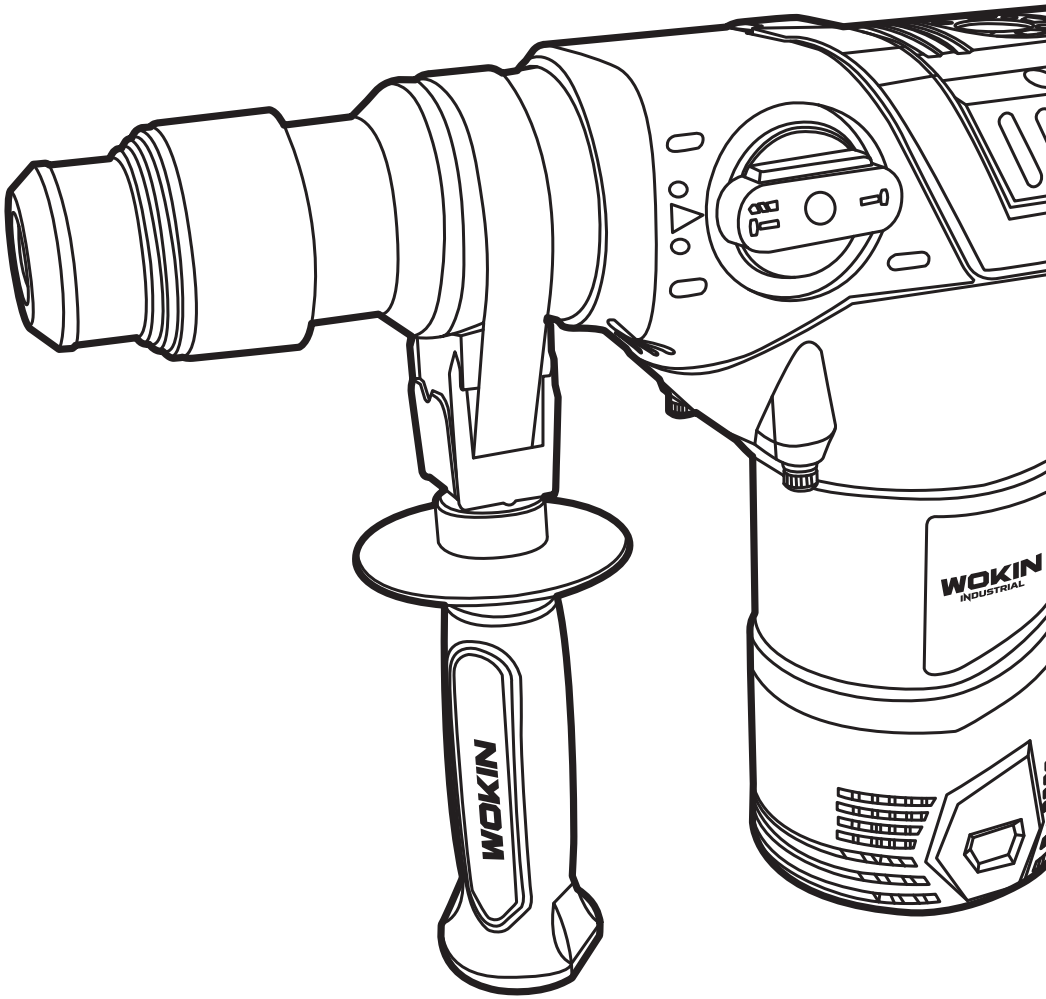

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