

# INSTRUCTION MANUAL

67096c

Read all the instruction carefully before you use the appliance and keep it for future use.



**MARKSMAN**  
QUALITY TOOLS

# 60PC MINI GRINDER SET



**3.6V - 10000RPM**

**5 AMP fuse (max) must be fitted to plug attached to this cable.**



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**RoHS** ✓ **CE**

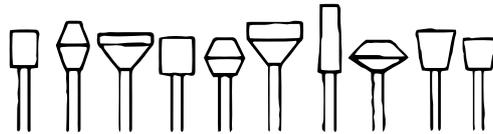
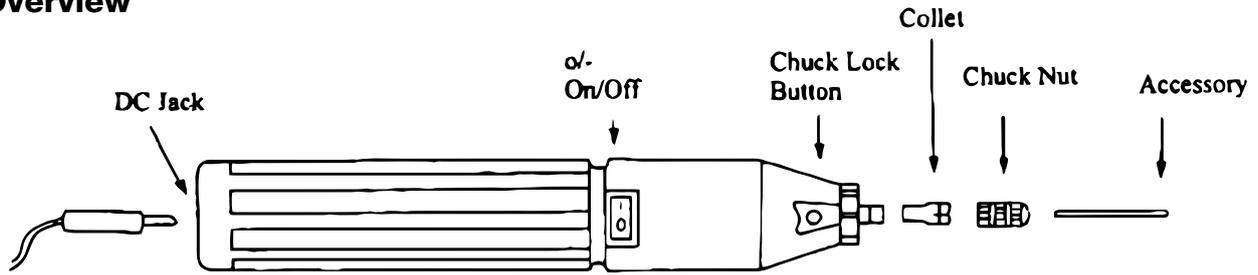


**MARKSMAN B20 3BT UK**

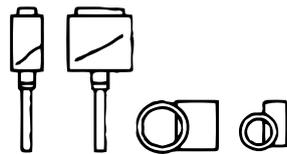
## IMPORTANT SAFEGUARDS

Please read these operating instructions before using the tool for the first time and keep them with the tool at all times.

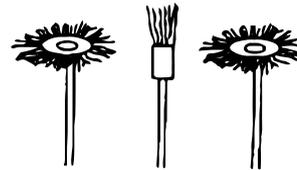
### Overview



10 pcs Mounted Stone Set-2.3mm shank



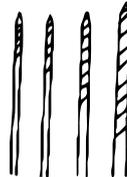
6 pcs Sanding Drum Set  
-3.2mm shank plastic and wood



3 pcs Wire Wheel Set  
-2.3mm shank materials



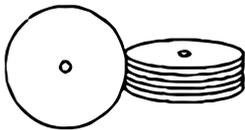
1 pce Grinding stone



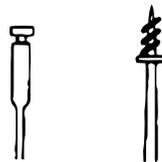
4 pcs Drill Bits  
-1mm, 2.3mm, 3mm, 3.2mm



1 pce Engraving Bit



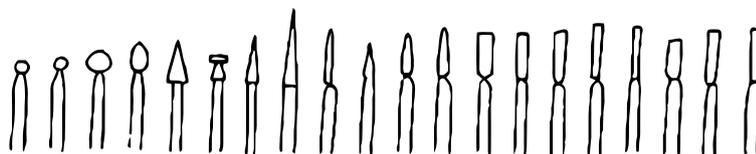
5 pcs Cut-off Wheel Set  
-3.2mm shank



2 pcs Connective Posts



4 pcs Buffing Wheel Set  
-3.2mm shank



20 pcs Diamond Burr Set-2.3mm shank

# INSTRUCTIONS FOR ROTARY TOOLKIT

Please read and save this instructions sheet and the enclosed safety instructions.

## TECHNICAL SPECIFICATIONS:

No load speed: 10000rpm

Voltage: 3.6 VDC

Charging time: 6 hrs

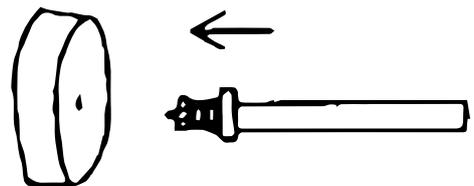
Rated capacity 0 : 3.2mm

## HOW TO CHANGE ACCESSORIES

- 1) Switch drill off and make sure not to accidentally switch 011 while- changing accessories.
- 2) Press down on the CHUCK LOCK BUTTON. Then you can loosen and pull off the CHUCK Nut by turning it anti-clockwise. Under the Chuck Nut is one of the Collets.
- 3) Choose the correct size Collet for the accessory you want to use and insert into place. Replace the Chuck Nut but do not tighten completely.
- 4) Insert the accessory into the Chuck Nut.
- 5) While pressing down on the Chuck Lock Button: tighten the Chuck Nut by turning clockwise.

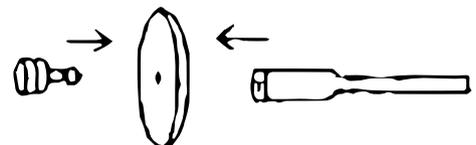
## BUFFING WHEEL

Screw the buff wheel you-want to use onto the buff wheel post provided (Please see diagram)



## CUT OFF WHEEL

To change the Cut-off wheel, unscrew the end screw, replace the wheel and re-screw into place. (please see diagram)



## HOW TO OPERATE

- 1) Grasp the drill firmly. Turn On/Off switch to the On position.
- 2) Press lightly onto the surface on which you want to work.

## **FOR SAFE USE:**

- 01) Wear safety Goggles to protect your eyes.
- 02) When you finish using the unit, switch off the motor and ensure that all moving parts have come to a complete standstill.
- 03) Before using additional accessories not included in this set, always compare the maximum allowed R.P.M. of that specific accessory with the R.P.M. of this 100I.
- 04) In case of electrical or mechanical malfunction, immediately switch off the tool.
- 05) Do not activate switch when changing accessories.
- 06) Never use grinding wheels over 1" (25.4mm) in diameter.
- 07) Never use - drill bits over 1/8" (3.21 mm) diameter.
- 08) Never use the shaft lock when drill is running.
- 09) Ensure that the collet size corresponds with the shaft size of the accessory.
- 10) Charge the rechargeable tool only with the charger supplied with the tool.
- 11) If the unit's case is cracked, do not attempt to recharge the unit.
- 12) Store tool in location when temperature will not exceed 50 degrees Celsius.
- 13) Do not burn the tool for any reason.
- 14) When damaged, the rechargeable unit may start to leak "if liquid comes into contact with the skin, wash quickly with soap and water, then with lemon juice or vinegar. If liquid gets into the eyes, flush eyes with clean water for a minimum of 10 minutes and seek immediate medical attention".
- 15) Never charge the unit outdoors.
- 16) Do not expose unit or adapter to rain or water.
- 17) Continuous charging of machine must not exceed 10 hours.
- 18) FOR INDOOR USE ONLY.

## **WARNING!**

- For your own safety always use only the accessories and attachments specified in the operating instructions or recommended or specified by the tool manufacturer!
- The use of accessories and attachments other than those specified in the operating instructions can cause injuries! .
- Always have your tool repaired by certified technicians!
- This tool meets the relevant safety requirements!
- Repairs are to be carried out only by qualified technicians with original spare parts to avoid the risk of injuries to the user caused by improper repairs!
- Hearing protection: In case of a sound pressure greater than 85.0 dB(A) wear hearing protection to avoid damage to your hearing!

## **SAFETY INSTRUCTIONS**

**Warning!** When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following. Read all these instructions before attempting to operate this product and save these instructions.

### **For safe operation:**

- 01. Keep work area clean** - Cluttered areas and benches invite injuries.
- 02. Consider work area environment** - Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Don't use power tools in presence of flammable liquids or gases.
- 03. Guard against electric shock** - Prevent body contact with earth surfaces (e.g. pipes, radiators, ranges refrigerators)
- 04. Keep children away** - Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
- 05. Store idle Tools** - When not in use, tools should be stored in dry, high, or locked-up place, out of the reach of children.
- 06. Don't force tool** - It will do the job better and safer at the rate for which it was intended.
- 07. Use the right tool** - Don't force small tools or attachments to do the job of heavy duty tool. Don't use tools for purposes not intended for example, don't use circular saw for cutting tree limbs or logs.
- 08. Dress properly** - Do not wear loose clothing or jewellery. They can be caught in moving parts. Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- 09. Use safety glasses** - Also use face or dust mask if cutting operation is dusty.
- 10. Do not abuse the cord** - Never Carry tool by cord or yank it to disconnect it from receptacle, Keep cord from heat, oil and sharp edges.
- 11. Secure work** - Use clamps or a vice to hold work, it's safer than using your hand and it frees both hands to operate tool.
- 12. Do not overreach** - Keep proper footing and balance at all times.
- 13. Maintain tools with care** - Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorised service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.
- 14. Disconnect tools** - When not in use, before servicing, and when changing accessories such as blades, bits and cutters.
- 15. Remove adjusting keys and wrenches** - Form the habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- 16. Avoid unintentional starting** - Don't Carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
- 17. Outdoor use extension cords** - When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
- 18. Stay alert** - Watch what you are doing, Use common sense. Do not operate tool when you are tired.
- 19. Check damaged parts** - Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its

intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation.

- A guard or other part that is damaged should be properly repaired or replaced by an authorised service centre unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by an authorised service centre. Do not use tool if switch does not turn it on and off.

**20. Warning** - The use of any other accessory or attachment other than that recommended in this operating instruction might present a risk of personal injury.

**21. Have your tool repaired by an expert** - This electric appliance is in accordance with the relevant safety rules. Only experts may carry out repairing of electric appliances otherwise it may cause considerable danger for the user.

**22. connect the dust extraction device** - Wherever there are facilities for fitting a dust extraction system, make sure it is connected and used.

**23. Noise level** - The noise level of this power tool is measured according to IEC 59 co 11, IEC 704, DIN 45635 Part 21, NFS 31081 (84/537IEWG). Noise level at work area can exceed 85 dB (A). In that case operators should protect themselves against damage to hearing - wear ear defenders.

**WARNING:**

**THIS PRODUCT OPERATES AT 230 VOLT AC SINGLE PHASE MAINS VOLTAGE.  
READ ALL THE SAFETY INSTRUCTIONS BEFORE USING THE MACHINERY.  
OBSERVE ALL THE LOCAL SAFETY REGULATIONS.**

This product is "CE" marked and complies with all the relevant European CE directives for LVD, EMC and Machinery safety.

# UK PLUG REWIRING

Your appliance operates on 230-240V-50Hz AC Mains and comes fitted with a 3-pin BSI Approved plug, so that it is ready for use by simply plugging into AC Mains. Should you need to change or refit a plug, proceed as follows:

## **IMPORTANT:**

The wires in the mains lead are coloured in accordance with the following code:

BLUE : NEUTRAL (N)

Brown or RED : LIVE (L)

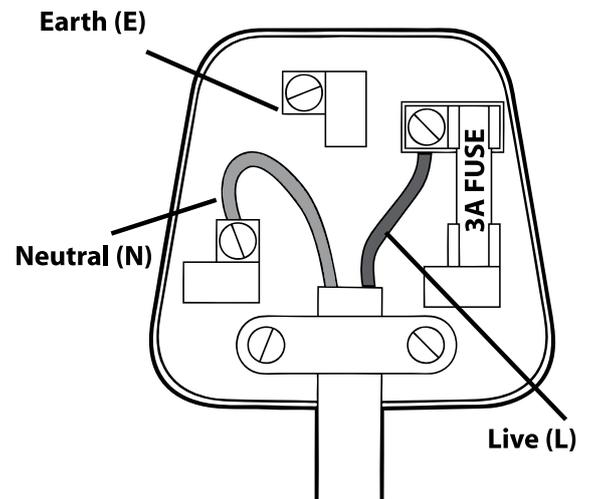
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter "N" or coloured BLACK.

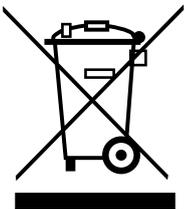
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter "L" or coloured RED.

Always ensure that the Mains Cord is located into the Plug through the Cord Guard or Cable Clamp, and that the Cord Guard screws are lightened to clamp the Cord (outer sheath and inner coloured wires) in position in the Plug. Make sure the Plug top is also fitted securely.

This appliance must be protected by a 3-amp fuse in a 3-amp type (BS1363) plug. Should you need to replace the fuse, use only an ASTA approved BS 1362 fuse.



#### **CORRECT DISPOSAL OF THIS PRODUCT**



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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