





KC36LN SCREWDRIVER

TECHNICAL DATA

SCREWDRIVER		KC36LN
Voltage	V_{DC}	3.6
No Load Speed	min^{-1}	0-180
Max. torque (PTI Rating)	Nm	3
Battery Type		Li-Ion
Battery capacity	Ah	1.3
Weight	kg	0.32
Charger		
Input Voltage	V_{AC}	220
Output Voltage	V_{DC}	9
Current	mA	100
Approx. charge time	Hours	12-15

Intended use

Your Black & Decker screwdriver has been designed for screwdriving applications. This tool is intended for consumer use only.

Safety instructions

General power tool safety warnings



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

Save all warnings and instructions for future reference.

The term "power tool" in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

1. Work area safety

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

- 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.

- 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.
 - Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
 - 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.
 - 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.
 - If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
- Personal safety**
 - 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.
 - Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
 - Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
 - Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - 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.
 - If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4. 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 and/or the battery pack from the power tool 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 the 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 and any other condition that may affect the power tools operation. 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, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5. Battery tool use and care

- a. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

6. Service

- a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Additional power tool safety warnings



Warning! Additional safety warnings for screwdrivers and impact wrenches

- ◆ **Wear ear protectors with impact drills.** Exposure to noise can cause hearing loss.
- ◆ **Use auxiliary handles supplied with the tool.** Loss of control can cause personal injury.
- ◆ **Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- ◆ **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
- ◆ This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- ◆ The intended use is described in this instruction manual. The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury and/or damage to property.



Warning! Impact wrenches are not torque wrenches. Do not use this tool for tightening fasteners to specified torques. An independent, calibrated torque measurement device such as a torque wrench should be used when under tightened or over tightened fasteners can lead to the failure of the joint.

Safety of others

- ◆ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- ◆ Children should be supervised to ensure that they do not play with the appliance.

Residual risks.

Additional residual risks may arise when using the tool which may not be included in the enclosed safety warnings. These risks can arise from misuse, prolonged use etc.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- ◆ Injuries caused by touching any rotating/moving parts.
- ◆ Injuries caused when changing any parts, blades or accessories.
- ◆ Injuries caused by prolonged use of a tool. When using any tool for prolonged periods ensure you take regular breaks.
- ◆ Impairment of hearing.
- ◆ Health hazards caused by breathing dust developed when using your tool (example:- working with wood, especially oak, beech and MDF.)

Labels on tool

The following symbols are shown on the tool:



Warning! To reduce the risk of injury, the user must read the instruction manual.

Additional safety instructions for batteries and chargers

Batteries

- ◆ Never attempt to open for any reason.
- ◆ Do not expose the battery to water.
- ◆ Do not store in locations where the temperature may exceed 40 °C.
- ◆ Charge only at ambient temperatures between 10 °C and 40 °C.
- ◆ Charge only using the charger provided with the tool.
- ◆ When disposing of batteries, follow the instructions given in the section "Protecting the environment".



Do not attempt to charge damaged batteries.

Chargers

- ◆ Use your Black & Decker charger only to charge the battery in the tool with which it was supplied. Other batteries could burst, causing personal injury and damage.
- ◆ Never attempt to charge non-rechargeable batteries.
- ◆ Have defective cords replaced immediately.
- ◆ Do not expose the charger to water.
- ◆ Do not open the charger.
- ◆ Do not probe the charger.



The charger is intended for indoor use only.



Read the instruction manual before use.

Electrical safety



Your charger is double insulated; therefore no earth wire is required. Always check that the mains voltage corresponds to the voltage on the rating plate. Never attempt to replace the charger unit with a regular mains plug.

- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Black & Decker Service Centre in order to avoid a hazard.

Features

This tool includes some or all of the following features.

1. On/off switch with forward/ reverse function
2. Spindle lock collar
3. Bit holder
4. Handle adjustment button
5. Handle
6. Battery connector

Assembly

Fitting and removing a screwdriver bit or socket (fig. A)

Warning! Make certain the tool is locked to prevent switch actuation before installing or removing accessories.

- ◆ To fit a screwdriver bit (7), push it into the bit holder (3) until it locates.
- ◆ To remove a screwdriver bit, pull it straight from the bit holder.

Use

Warning! Let the tool work at its own pace. Do not overload.

Charging the battery (fig. B)

The battery needs to be charged before first use and whenever it fails to produce sufficient power on jobs that were easily done before. The battery may become warm while charging; this is normal and does not indicate a problem.

- ◆ To charge the battery, insert the charger plug (8) into the connector (6).
- ◆ Plug in the charger.
- ◆ Leave the tool connected to the charger for 12 hours.

The charger may hum and become warm while charging; this is normal and does not indicate a problem.

Warning! Do not charge the battery at ambient temperatures below 10 °C or above 40 °C. Recommended charging temperature: approx. 24 °C.

Adjusting the handle (fig. C)

For optimum versatility, the handle can be set to three different positions.

- ◆ Press the handle adjustment button (4).
- ◆ Swivel the handle into the desired position.
- ◆ Release the button.

Manual spindle lock (fig. D)

The manual spindle lock allows you to use the tool as a regular screwdriver. You can give an extra twist to firmly tighten a screw or to loosen a very tight screw.

- ◆ To activate the spindle lock, slide the on/off switch (1) to the centre position.
- ◆ Turn the collar (2) to the † symbol. With the spindle lock activated, the tool cannot be switched on.
- ◆ To release the spindle lock, turn the collar (2) to the ‡ symbol.

Operating the tool (fig. E)

For tightening, use forward (clockwise) rotation. For loosening, use reverse (counterclockwise) rotation.

- ◆ Make sure that the spindle lock is released.
- ◆ To tighten a screw or nut, slide the on/off switch (1) to the right and press it.
- ◆ To loosen a screw or nut, slide the on/off switch (1) to the left and press it.
- ◆ To switch the tool off, release the on/off switch.

Maintenance

Your Black & Decker tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Your charger does not require any maintenance apart from regular cleaning.

Warning! Before performing any maintenance on the tool, remove the battery from the tool. Unplug the charger before cleaning it.

- ◆ Regularly clean the ventilation slots in your tool and charger using a soft brush or dry cloth.
- ◆ Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.
- ◆ Regularly open the chuck and tap it to remove any dust from the interior.

Protecting the environment



Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your Black & Decker product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.



Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

Black & Decker provides a facility for the collection and recycling of Black & Decker products once they have reached the end of their working life. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at: www.2helpU.com

Batteries



If you want to dispose of the product yourself, the battery must be removed as described below and disposed of in accordance with local regulations.

- ◆ Discharge the battery by operating the appliance until the motor stops.
- ◆ Remove the nine screws holding the body of the appliance together.
- ◆ Lift the housing covers away from the assembly.
- ◆ Detach all lead connections from the battery pack.
- ◆ Remove battery pack.
- ◆ Place the battery pack in a suitable package to ensure that the terminals cannot be short-circuited.
- ◆ Take the battery to your service agent or to a local recycling station.

Once removed, the battery cannot be refitted.

Service Information

Black & Decker offers a full network of company-owned and authorized service locations throughout Asia. All Black & Decker Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service. Whether you need technical advice, repair, or genuine factory replacement parts, contact the Black & Decker location nearest to you.

Notes

- Black & Decker's policy is one of continuous improvement to our products and, as such, we reserve the right to change product specifications without prior notice.
- Standard equipment and accessories may vary by country.
- Product specifications may differ by country.
- Complete product range may not be available in all countries. Contact your local Black & Decker dealers for range availability.

KC36LN 充电电起子

技术数据

螺丝起子		KC36LN
电压	V_{DC}	3.6
空载转速	min^{-1}	0-180
最大扭矩 (PTI 额定)	Nm	3
电池类型		锂电池
电池容量	Ah	1.3
重量	kg	0.32
充电器		
输入电压	V_{AC}	220
输出电压	V_{DC}	9
电流	mA	100
大约充电时间	小时	12-15

预期用途

您的 Black & Decker 电起子设计用于螺丝安装。本工具适合一般家庭环境下使用。

安全指示

电动工具一般安全警告



警告！ 请阅读所有安全警告和指示说明。请阅读所有安全警告和指示说明。如不遵守以下任何警告和指示说明，可能导致触电、火灾和/或严重伤害。

请保存好所有警告和指示说明，以备将来查阅。以下所有警告中的“电动工具”一词是指电源驱动（有线）电动工具，或者电池驱动（无线）电动工具。

1. 工作场地安全

- 保持工作区域清洁、通亮。杂乱或阴暗的地方容易引发事故。
- 不要在易爆环境中操作电动工具，如有易燃液体、气体或粉尘的环境。电动工具产生的火花会点燃粉尘或气体。

- 操纵电动工具时请让儿童和旁观者离开。干扰可能会导致您控制不当。

2. 电气安全

- 电动工具插头必须与同规格的插座搭配。禁止以任何方式改装插头。需接地的电动工具不能使用任何转换插头。未经改装的插头与相配的插座将减少触电风险。
- 避免人体接触接地表面，如管道、散热片、炉灶和冰箱。如果您的身体接地，会增加触电危险。
- 请勿将电动工具暴露在雨中或潮湿环境中。水进入电动工具会增加触电危险。
- 切勿滥用电线。切勿使用电线搬运、拉动电动工具或拔下插头。保持电线远离热源、油、锐边或运动部件。受损或缠绕的电线会增加触电危险。
- 在户外操作电动工具时，请使用适合户外使用的延长线。适合户外使用的电线会减少触电的危险。
- 如果必须在潮湿的地方操作电动工具，请使用漏电保护器 (RCD)。使用漏电保护器可减少触电的危险。

3. 人身安全

- 保持警觉。当操作电动工具时，请留意所从事的操作并保持清醒。切勿在疲倦，或受到药物、酒精或治疗的影响下使用电动工具。操作电动工具时注意力分散会导致严重人身伤害。
- 使用个人防护装备。始终佩戴护目镜。防护装备，例如适当条件下使用的防尘面具、防滑安全鞋、安全帽或听力保护等装备将能减少人身伤害。
- 避免意外启动。在连接电源和/或电池组之前，以及拿起或搬动工具之前，请确保开关处于关闭位置。搬动电动工具时把手指放在开关上，或开关处于接通状态时插入插头均可引发危险。
- 在电动工具接通之前，取下所有调节钥匙或扳手。连接在电动工具旋转零件上的扳手或调节钥匙会导致人身伤害。
- 手不要伸得太长。时刻注意脚下和身体平衡。这样在意外情况下才能更好地控制电动工具。
- 着装适当。切勿穿宽松衣服或佩戴首饰。让您的头发、衣服和手套远离运动部件。宽松衣服、首饰或长发可能会卷入运动部件中。

g. 如果提供了与排屑装置和集尘设备连接用的装置，请确保这些装置连接完好且使用得当。使用这些装置可减少碎屑引起的危险。

4. 电动工具使用和注意事项

a. 禁止强制使用电动工具。根据用途选用适当的电动工具。选用适当的设计额定值的电动工具会使您工作更有效、更安全。

b. 禁止使用开关不能打开和关闭的电动工具。任何不能用开关控制的电动工具都很危险，必须进行修理。

c. 进行任何调节、更换附件或存储电动工具之前，请将电动工具和电源插头或电池组断开。这种防护性措施将减少电动工具突然启动的危险。

d. 将闲置的电动工具贮存在儿童所及范围之外，并且不要让不熟悉电动工具或对本手册不了解的人操作电动工具。让未经训练的用户操作电动工具是很危险的。

e. 保养电动工具。检查运动部件是否有任何安装偏差或卡住、零件是否破损，以及是否有其他可能影响电动工具操作的情况。如有损坏，必须在使用前对电动工具进行维修。许多事故就是由于电动工具维护不良所导致。

f. 保持刀具锋利和清洁。妥善保养和切割锋利的刀具可使操作时不容易卡住，且更容易控制。

g. 请按照使用手册，并考虑作业条件和具体执行的工作来使用电动工具、附件和工具刀头等。将电动工具用于非预期操作用途可能会导致危险情况。

5. 电池工具使用和注意事项

a. 只能使用制造商指定的充电器为电池充电。使用适用于其他类型电池组的充电器充电可能会引发火灾。

b. 电动工具只能配备明确指定的电池组。使用任何其他电池组可能会造成人身伤害和引发火灾。

c. 电池组放置不用时，要远离回形针、硬币、钥匙、钉子、螺钉以及其它可连通电池两极的金属物品。如果电池短路可能会导致灼伤或火灾。

d. 滥用电池的情况下，电池可能会喷射出液体，请避免接触该液体。如果不小心接触到液体，请用清水冲洗。如果液体接触眼睛，请另外寻求医疗帮助。从电池喷出的液体可能会刺激皮肤或灼伤。

e. 确保开关在插入电池盒前处于断开状态。将电池盒插入到开关状态为接通的电动工具上会引发事故。

6. 维修

a. 本电动工具必须由合格的维修人员且仅采用相同的替换备件进行维修。这将确保电动工具的安全性能。

电动工具附加安全警告



警告！ 螺丝起子和冲击扳手的附加安全警告

- ◆ 使用冲击电钻时请佩戴听力保护器。暴露在噪音中会损伤听力。
- ◆ 请使用电钻随附的辅助手柄。工具失控会导致人身伤害。
- ◆ 当在紧固件有可能接触到暗线的场所进行操作时，只能通过绝缘手柄表面握住电动工具。紧固件接触到带电导线会使电动工具外露的金属部件带电，从而导致操作人员触电。
- ◆ 使用夹具或采取其他可行的方法，将工件可靠地固定在稳定的平台上。手持或用身体顶住工件都是不稳定的，会导致操作失控。
- ◆ 本工具不适合体力、感觉或智力不足，或者缺乏经验及知识的人员（包括小孩）使用，除非负责他们安全的人员已经为他们提供关于使用此工具的监督或指示。监督儿童以确保他们不把设备当玩具。
- ◆ 本手册描述了工具的预期用途。除了本手册中所建议的之外，使用其他任何附件、附加装置或执行任何操作，均可能存在人身伤害和/或财产损害的危险。



警告！ 冲击扳手并非扭矩扳手。不建议使用本工具来固定有扭力需求的紧固件。如果紧固件固定过紧或过松都有可能导致失效，应使用标有刻度的扭矩设备，如扭矩扳手。

他人安全

- ◆ 本工具不适合体力、感觉或智力不足，或者缺乏经验及知识的人员（包括小孩）使用，除非负责他们安全的人员已经为他们提供关于使用此工具的监督或指示。
- ◆ 监督儿童以确保他们不把设备当玩具。

其他风险

使用工具时，可能出现本安全警示之外的其他风险。这些风险可能来自使用不当，使用时间过长等。尽管遵守了相关的安全法规并采用了安全装备，某些剩余风险仍然是无法避免的。这些风险包括：

- ◆ 接触旋转/移动部件时的伤害风险。
- ◆ 更换部件、刀具或配件时的伤害风险。
- ◆ 长期使用工具的伤害风险。长期使用任何工具时，均应定期休息。
- ◆ 听力损伤。
- ◆ 吸入工具使用过程中产生的粉尘后，导致健康风险（例如：锯切木材，特别是橡木，山毛榉和中密度纤维板时）。

工具上的标签

工具有下列标识：



警告！为降低伤害风险，用户必须阅读使用手册。

电池和充电器的附加安全守则

电池

- ◆ 无论任何理由，都禁止打开电池。
- ◆ 请勿将电池暴露在水中。
- ◆ 请勿将电池存放在温度可能超过 40 °C 的地方。
- ◆ 只在环境温度介于 10 °C 和 40 °C 之间的情况下充电。
- ◆ 只能使用本工具随附的充电器为电池充电。
- ◆ 处理电池时，请遵循“保护环境”部分所提供的说明进行。



禁止为损坏的电池充电。

充电器

- ◆ 只能使用工具随附的 Black & Decker 充电器为工具内的电池充电。其他非原厂电池可能会爆裂，导致人身伤害和损害。
- ◆ 切勿尝试为不可再充电的电池充电。
- ◆ 立即更换出现故障的电线。
- ◆ 请勿将充电器暴露在水中。

- ◆ 请勿打开充电器。
- ◆ 请不要刺破充电器。



充电器仅供室内使用。



使用前请阅读使用手册。

电气安全



您的充电器采用双重绝缘，因此无须接地线。请务必检查电源电压是否和铭牌上的电压一致。切勿尝试使用一般的电源插头取代充电器。

- ◆ 如果电源线损坏，必须让制造商或授权的 Black & Decker 服务中心更换以避免发生危险。

功能部件

本工具包含如下部分或全部部件。

1. 具备正/反转功能的 On/off 开关
2. 主轴锁轴环
3. 钻头夹持器
4. 手柄调节按钮
5. 手柄
6. 电池连接器

组装步骤

安装或卸下螺丝起子头或套筒（图 A）

警告！安装或卸下附件之前，请确保锁定工具，防止开关启动。

- ◆ 若要安装螺丝起子头 (7)，将其推入钻头夹持器 (3)，直至其定位。
- ◆ 若要卸下螺丝起子头，将其从钻头夹持器拉出。

使用步骤

警告！请让工具在自有速度下工作。切勿使它过载。

为电池充电（图 B）

电池在首次使用之前，以及无法像从前一样为工作轻松提供足够的电量时，就需要充电。电池在充电时可能会变热；这是正常现象，而且并不表示出现问题。

- ◆ 如果要为电池充电，请将充电器插头 (8) 插入充电器连接器 (6)。
- ◆ 插入充电器。
- ◆ 让工具与充电器保持连接 12 个小时。

电池器在充电时可能会发出声音和变热，这是正常现象，而且并不表示出现问题。

警告！ 请勿在环境温度低于 10 °C 或高于 40 °C 的情况下为电池充电。建议的充电温度：约 24 °C。

调整手柄 (图 C)

手柄可调整到三个不同的位置，以获得最佳适用性。

- ◆ 按下手柄调节按钮 (4)。
- ◆ 将手柄转入所需位置。
- ◆ 松开按钮。

手动主轴锁 (图 D)

手动主轴锁让您可以使用本工具作为普通螺丝起子。您可以使用此工具来转紧螺钉或松开非常紧的螺钉。

- ◆ 若要使用主轴锁，将 on/off 开关 (1) 拨到中间位置。
- ◆ 将轴环 (2) 转向标识 ↓。使用主轴锁后，本工具的开关将被锁定。
- ◆ 要松开主轴锁，将轴环 (2) 转向标识 ↗。

工具操作步骤 (图 E)

如果要转紧螺钉，请向前（顺时针）旋转。如果要转松螺钉，请向后（逆时针）旋转。

- ◆ 确保主轴锁处于释放状态。
- ◆ 如果要转紧螺钉或螺母，将 on/off 开关 (1) 拨到右边位置并按下。
- ◆ 如果要转松螺钉或螺母，将 on/off 开关 (1) 拨到左边位置并按下。
- ◆ 如果要关闭工具电源，请放开 on/off 开关。

维护

您的 Black & Decker 工具设计精良，可以长期使用，仅需极少维护。要连续获得令人满意的工作效果，需要进行合适的工具维护和定期清洁。

除了定期清洁外，本充电器无须其他保养。

警告！ 在工具上执行任何保养工作之前，请取出工具内的电池。清洁充电器前，拔下电源插头。

- ◆ 定期使用软刷或干布清洁工具的通风槽和充电器。
- ◆ 定期使用湿布清洁电动机外壳。请勿使用任何研磨性或溶剂型清洁剂。
- ◆ 定期打开并轻拍夹头以清除内部粉尘。

保护环境



单独收集。本产品不得与普通家庭垃圾一起处理。

如果您发现您的 Black & Decker 产品需要进行替换，或您已经不再需要使用这些产品，请不要将它们与家庭垃圾一起处理。请将它们单独分类回收。



单独收集使用过的产品和包装能够让材料得以再循环和再利用。再生材料的再利用有助于防止环境污染，并降低对原材料的需求。

当地法规可能要求由市政废物处理点或向您出售新产品的零售商提供从家庭中单独收集电器产品的服务。

Black & Decker 提供设施收集和再循环利用使用寿命到期的 Black & Decker 产品。若要享受这项服务，请将产品送回任一授权维修代理，他们将代表我们回收您的产品。

请根据本手册所提供的地址与当地 Black & Decker 办事处联系，查询离您最近的授权维修代理的位置。或者，您也可以登陆以下网站查询 Black & Decker 授权维修代理名单，以及我们售后服务和联系方式的详细信息，网址是：www.2helpU.com

电池



如您要自己处理本产品，必须按下述要求取下电池，并按照您当地的法规进行处理。

- ◆ 让工具运行直至马达停转，以让电池的电量完全耗尽。
- ◆ 手持工具，同时取下九个螺钉。

- ◆ 将盖板从工具上拉下。
- ◆ 断开电池组的所有连接。
- ◆ 取出电池组。
- ◆ 将电池组放入适当的包装内，以防止电池电极短路。
- ◆ 将电池送往您的服务代理或当地的回收站。

不可将已卸下的电池再放入工具内。

服务信息

Black & Decker 提供覆盖整个亚洲的公司隶属和授权服务地点。所有 Black & Decker 服务中心都具有训练有素的人员，为客户提供高效和可靠的电动工具服务。不论您是需要技术建议、维修或原厂替换部件，请联系最靠近您的 Black & Decker 服务中心。

备注

- Black & Decker 的政策是持续改进我们的产品，因此，我们保留随时更改产品规格的权利，恕不另行通知。
- 标准设备和附件可能会因为不同的国家而有所不同。
- 产品规格可能会因为不同的国家而有所不同。
- 并非所有的国家都有提供完整的产品系列。有关各产品系列的供应情况，请联系您当地的 Black & Decker 代理商。

制造厂：深圳市宝安区石岩捷和百得制造厂

地址：广东省深圳市宝安区石岩街道水田社区捷和工业城