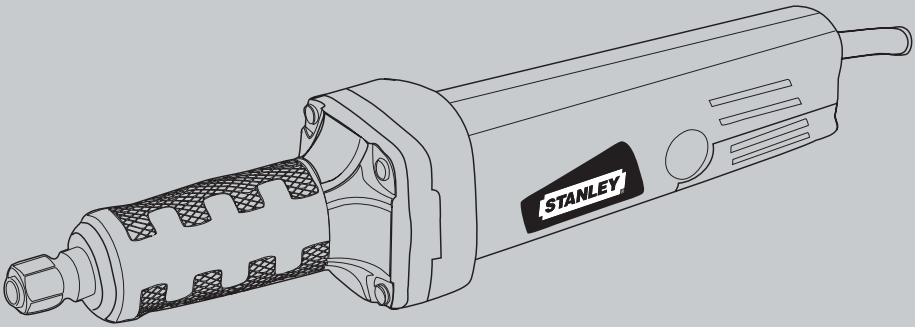
STANLEY®



STEL861

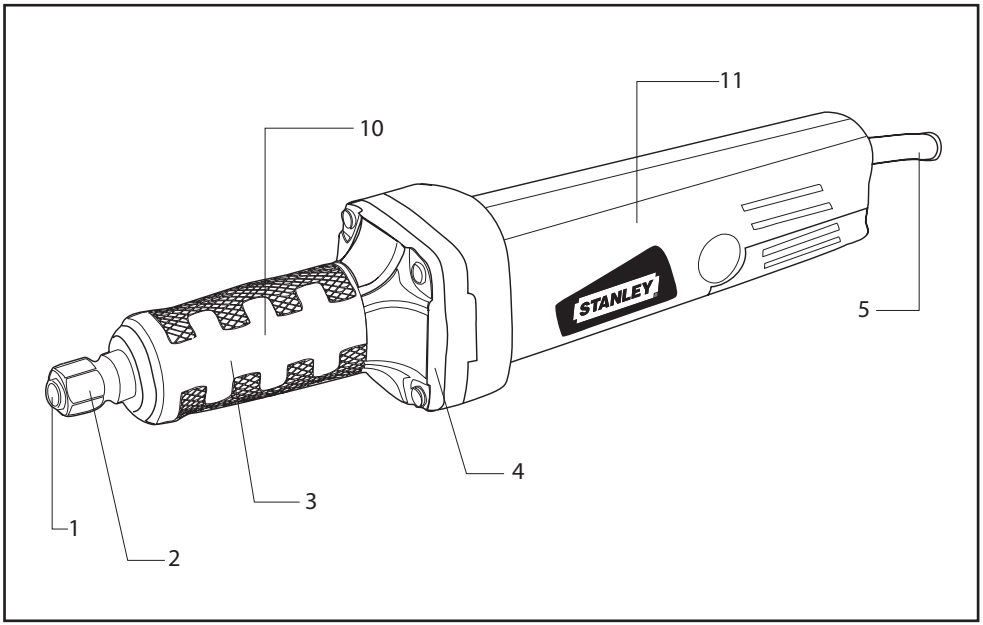


Figure A

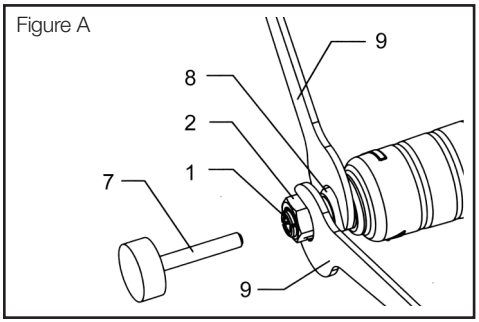


Figure B

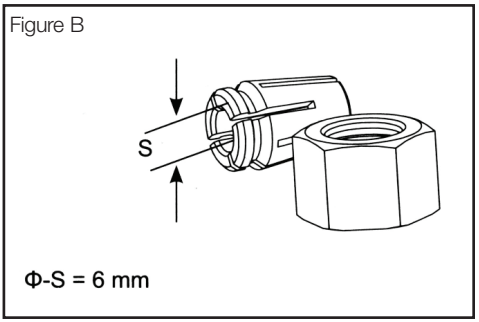


Figure C

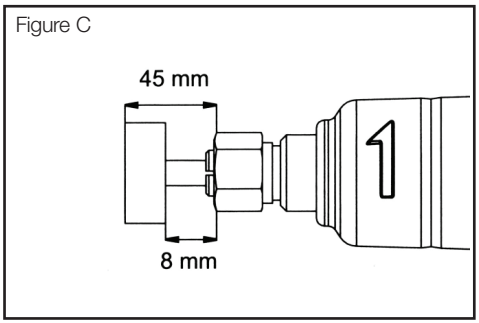
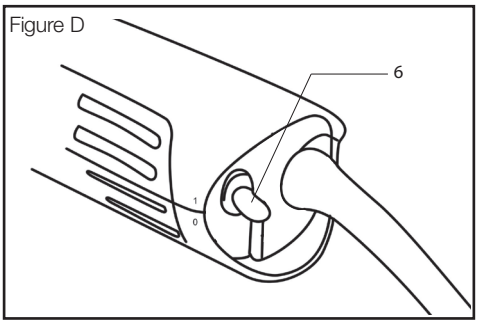


Figure D



STEL861
DIE GRINDER

Technical Data

		STEL861
POWER	W	500
VOLTAGE	V	220
NO-LOAD SPEED	r/min	27000
MAX CHUCK CAPACITY	mm	6

INTENDED USE

This Stanley die grinder has been designed for professional grinding.

GENERAL SAFETY RULES

WARNING! Read all safety warnings and all 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.

SAVE THESE INSTRUCTION.

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

1) WORK AREA SAFETY

a) **Keep work area clean and well lit.** Cluttered or 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.

2) 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 tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase 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.

f) **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.

3) 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 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.

c) **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.

d) **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.

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 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 tool's 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) 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.

SAFETY WARNINGS COMMON FOR GRINDING OPERATIONS:

a) **This power tool is intended to function as a grinder tool and Cutting-off tool. Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

b) **Do not recommend use this power tool operations as sander, wire brush and so on.** Used this power tool do besides appointed function will cause hazards and personal injuries.

c) **Do not use accessories which are not specifically designed and recommended by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.

d) **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** Accessories running faster than their rated speed can break and fly apart.

e) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately guarded or controlled.

f) **The arbour size of wheels, flanges, backing pads or any other accessory must properly fit the spindle of the power tool.** Accessories with arbour holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

g) **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute.** Damaged accessories will normally break apart during this test time.

h) **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron**

capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations . The dust mask or respirator must be capable of filtrating particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.

i) **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment.** Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.

j) **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

k) **Position the cord clear of the spinning accessory.** If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.

l) **Never lay the power tool down until the accessory has come to a complete stop.** The spinning accessory may grab the surface and pull the power tool out of your control.

m) **Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.

n) **Regularly clean the power tool's air vents.** The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.

o) **Do not operate the power tool near flammable materials. Sparks could ignite these materials.**

p) **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock.

FURTHER SAFETY INSTRUCTIONS FOR ALL OPERATIONS

Kickback and Related Warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up.** The operator can control torque reactions or kickback forces, if proper precautions are taken.

b) **Never place your hand near the rotating accessory.** Accessory may kickback over your hand.

c) **Do not position your body in the area where power tool will move if kickback occurs.** Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.

d) **Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory.** Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.

e) **Do not attach a saw chain woodcarving blade or toothed saw blade.** Such blades create frequent kickback and loss of control.

ADDITIONAL SAFETY INSTRUCTIONS FOR GRINDING AND CUTTING-OFF OPERATIONS

Safety Warnings Specific for Grinding and Abrasive Cutting-Off Operations:

a) **Use only wheel types that are recommended for your power tool and the specific guard designed for the selected wheel.** Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.

b) **The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator.** The guard helps to protect the operator from broken wheel fragments, accidental contact with wheel and sparks that could ignite clothing.

c) **Wheels must be used only for recommended applications. For example:** do not grind with the side of cut-off wheel. Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.

d) **Always use undamaged wheel flanges that are of correct size and shape for your selected wheel.** Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.

e) **Do not use worn down wheels from larger power tools.** Wheel intended for larger power tool is not suitable for the higher speed of a smaller tool and may burst.

ADDITIONAL SAFETY INSTRUCTIONS FOR CUTTING-OFF OPERATIONS

Additional Safety Warnings Specific for Abrasive Cutting-Off Operations:

a) **Do not "jam" the cut-off wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut.** Overstressing the wheel increases the loading and susceptibility to twisting or binding of the wheel in the cut and the possibility of kickback or wheel breakage.

b) **Do not position your body in line with and behind the rotating wheel.** When the wheel, at the point of operation, is moving away from your body, the possible kickback may propel the spinning wheel and the power tool directly at you.

c) **When wheel is binding or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur.** Investigate and take corrective action to eliminate the cause of wheel binding.

d) **Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully re-enter the cut.** The wheel may bind, walk up or kickback if the power tool is restarted in the workpiece.

e) **Support panels or any oversized workpiece to minimize the risk of wheel pinching and kickback.** Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the wheel.

f) **Use extra caution when making a "pocket cut" into existing walls or other blind areas.** The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.

SAFETY WARNINGS SPECIFIC FOR WIRE BRUSHING OPERATIONS:

a) **Be aware that wire bristles are thrown by the brush even during ordinary operation. Do not overstress the wires** by applying excessive load to the brush. The wire bristles can easily penetrate light clothing and/or skin.

b) **If the use of a guard is recommended for wire brushing, do not allow any interference of the wire wheel or brush with the guard.** Wire wheel or brush may expand in diameter due to work load and centrifugal forces.

LABEL ON TOOL

The following symbols are shown on the tool:


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


Wear eye protection.


The tool is double insulated; therefore no earth wire is required. Always check that power supply corresponds to the voltage on the rating plate.

If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Stanley Service Center in order to avoid a hazard.

FEATURES

This tool includeds some or all of the following features.

1) Collet chuck
2) Collet nut
3) Shaft cover
4) Ventilation slots
5) Cable

6) Toggle switch
7) Grinding Wheel
8) Spindle
9) Spanner
10) Front handle
11) Primary handle

OPERATING INSTRUCTIONS

1) **POWER SUPPLY**
The power tool supply must match the nameplate data.
2) **INSTALLING WHEEL** (**Fig A**)
⚠ **WARNING!** Only use grinding wheels with maximum safe operating speed rated at or above 40m/s. Ensure the grinding wheel is correctly mounted and tightened, run the tool at no-load speed for 30 secondes in safe position before using. Stop immediately if there is considerable vibration or other defects are detected. Never use damaged grinding wheels or rimous ones.
a) Mount the spanner (9) to the spindle (8) and loosen the clamping nut (2) with another spanner.
b) Insert the grinding wheel (7) shaft into the collet chuck (1) as far as it can go.
c) Tighten the collet chuck (1) securely by spanners.
3) **SWITCHING ON AND OFF**
⚠ **WARNING!** Make sure you can control the switch freely and keep it off before plugging in.
a) **ON:** Shift switch (6) to "**1**". (**Fig D**)
b) **OFF:** Shift switch (6) to "**0**". (**Fig D**)
c) Let the wheel reach full speed before grinding.
d) Once the safety brush worn, grinder turns off automatically to avoid motor damage. Motor was damaged.
e) After inspecting and installing an accessory, run the power tool at maximum no-load speed for five minutes before any work.

STANDARD ATTACHMENTS

1) Collet
2) Two Spanners (17mm)

Be sure to check the attachments as it is subject to change by areas and models.

APPLICATION

⚠ **WARNING!** To reduce the risk of injury, electric shock and damage to the tool, before any work check the utility lines electricity, gas or water supply line are hidden in the work area.

⚠ **WARNING!** Firmly grasp primary hold part of tool and side handle before starting.

Grinding Application

1) Optimum grinding results are achieved when the grinding tool is moved uniformly back and forth with light pressure.
2) Pressure that is too strong reduces the performance capability of the tool and cause the grinding to exhaust more quickly.
c) Be sure that the distance between the top of collet chuck and bottom of the grinding wheel is less than 8mm and between the top of collet chuck and top of grinding wheel is less than 45mm to prevent vibration of the tool and unexpected accidents.(**Fig C**)
⚠ **WARNING!** Sparks generated when grinding metal.Take care that no combustible material presented on the area of flying sparks.

MAINTENANCE

Your 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.

⚠ **WARNING!** Before performing any maintenance, switch off and unplug the tool.
- Regularly clean the ventilation slots in your tool 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.

⚠ **IMPORTANT!** To assure product Safety and reliability, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified service personnel, always using identical replacement parts.

LUBRICATION

Stanley tools are properly lubricated and are ready for use.

PROTECTING THE ENVIRONMENT

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

Should you find one day that your Stanley 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 material 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.

STEL861
电磨

技术数据

规格		STEL861
电压	伏特	220
额定输入功率	瓦特	500
空载转速	转/分	27000
夹头最大直径	毫米	6

用途

本史丹利电磨设计用于专业打磨。

一般电动工具安全规则

警告！阅读并理解所有指示说明。如不遵守以下任何指示说明，可能导致触电、火灾和 / 或严重人身伤害。

请保存好所有指示说明

安全说明

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。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. **工作区域**

a. **保持工作场地清洁和明亮。**混乱和黑暗的场地会引发事故。

b. **不要在易爆环境，如有易燃液体、气体或粉尘环境中操作电动工具。**电动工具产生的火花会点燃粉尘或气体。

c. **请让儿童和旁观者离开后操纵电动工具时。**分心会使你放松控制。

2. **电气安全**

a. **电动工具的插头必须与插座相配。切勿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。**未经改装的插头和相配的插座将减少触电危险。

b. **避免人体接触接地表面，如管道、散热片、炉灶和冰箱等。**如果您的身体接地会增加触电危险。

c. **不得将电动工具暴露在雨中或潮湿环境中。**水进入电动工具将增加触电危险。

d. **不得滥用电源线。绝不能用电线搬运、拉动电动工具或拔出其插头。让电线远离热、油、锐边或运动部件。**受损或缠绕的电线会增加触电危险。

e. **在户外使用电动工具时，使用适合户外使用的外接电线。**适合户外使用的电线将减少触电危险。

f. **如果必须在潮湿场合使用电动工具，请使用漏电保护器（RCD）。**使用RCD可减小电击危险。

3. **人身安全**

a. **保持警觉。操作电动工具时，关注所从事的操作并保持清醒。切勿在疲倦、药物、酒精或治疗反应的情况下操作电动工具。**操作电动工具期间精力分散会导致严重人身伤害。

b. **使用安全防护装备。始终佩戴护目镜。**安全装置，诸如用于适当条件下的防尘面具、防滑安全鞋、安全帽或听力保护等装置能减少人身伤害。

c. **避免意外启动。确保开关在插入插头时处于关断位置。**手指放在开关上搬运电动工具，或开关处于接通状态时插入插头均可引发危险。

d. **在电动工具接通之前，取下所有调整钥匙或扳手。**遗留在电动工具旋转零件上的扳手或钥匙可能会导致人身伤害。

e. **手不要伸得太长。时刻保持身体平衡，并找到合适的落脚点。**这样在意外情况下才能更好地控制电动工具。

f. **着装适当。不要穿宽松衣服或佩戴饰品。让您的头发、衣服和手套远离运动部件。**宽松衣服、佩饰或长发可能会卷入运动部件。

g. **如果提供了与排屑装置、除尘设备连接用的装置，请确保他们连接完好且使用得当。**使用这些装置可减少粉尘引起的危险。

4. **电动工具使用和注意事项**

a. **不要滥用电动工具。根据用途使用适当的电动工具。**按额定速率使用的适当电动工具会让您更有效、更安全地执行工作。

b. **工具开关不能接通或关断电源时，请勿使用工具。**不能用开关来控制的电动工具是危险的且必须进行修理。

c. **在进行任何调节、更换附件或存放工具之前，必须从电源上拔掉插头和 / 或取下电池组。**这种防护性措施将降低电动工具意外启动的风险。

d. **将闲置的电动工具存放在儿童所及范围之外，并且不要让不熟悉电动工具或对这些使用须知不了解的人操作电动工具。**电动工具在未经培训的用户手中会发生危险。

5. **维修**

a. **将你得电动工具送交专业维修人员，必须使用同样得备件进行更换。**这样将确保所维修的电动工具的安全性。

所有操作的使用说明

a) **该电动工具是用于实现砂轮机工具功能的**。阅读随该电动工具提供的所有安全警告、说明、图解和规定。不了解以下所列所有说明将导致电击、着火和/或严重伤害。

b) **不推荐用该电动工具进行诸如刷光、砂光、抛光或切断等操作**。电动工具不按照指定的功能去操作，可能会发生危险和引起人身伤亡。

c) **不使用非工具制造商推荐和专门设计的附件**。否则该附件可能被装到你的电动工具上，而它不能安全操作。

d) **附件的额定转速必须至少等于电动工具上标出的最大速度**。附件以比其额定转速大的速度运转会发生爆裂和飞溅。

e) **附件的外径和厚度必须在电动工具额定能力范围内**。不正确的附件尺寸不能得到充分保护或 控制。

f) **砂轮、法兰盘、靠背垫或任何其他附件的轴孔尺寸必须适合于安装到电动工具的主轴上**。带轴孔、与电动工具安装件不配的附件将会失稳、过度振动并会引起失控。

g) **不要使用损坏的附件**。在每次使用前要检查附件，例如砂轮是否有碎片和裂痕，靠背垫是否有裂缝、撕裂或过度磨损，钢丝刷是否松动或金属丝是否断裂。如果电动工具或附件跌落了，检查是否有损坏或安装没有损坏的附件。检查和安装附件后，让自己和旁观者的位置远离旋转附件的平面，并以电动工具最大空载转速运行一分钟。破损的附件通常在该试验时会碎裂。

h) **戴上防护用品**。根据适用情况，使用面罩、安全护目镜或安全眼镜。适用时，戴上防尘面具、听力保护器、手套和能挡小磨料或工件碎片的工作围裙。眼防护罩必须挡住各种操作产生的飞屑。防尘面具或口罩必须能够过滤操作产生的颗粒。长期暴露在高强度噪声中会引起失聪。

i) **让旁观者与工作区域保持一定安全距离**。任何进入工作区域的人必须戴上防护用品。工件或破损附件的碎片可能会飞出并引起紧靠着操作区域的旁观者的伤害。切割附件触及带电导线会使电动工具外漏的金属零件带电， 并使操作者触电。

j) **当在切割附件有可能切割到暗线或自身电线的场所进行操作时，只能通过绝缘握持面来握住电动工具**。切割附件碰到一根带电导线会使电动工具外露金属零件带电并使操作者发生电击危险。

k) **使软线远离旋转的附件**。如果控制不当，软线可能被切断或缠绕，并使得你的手或手臂可能被卷入旋转附件中。

l) **直到附件完全停止运动才放下电动工具**。旋转的附件可能会抓住表面并拉动电动工具而让你失去对工具的控制。

m) **当携带电动工具时不要开动它**。意外地触及旋转附件可能会缠绕你的衣服而使附件伤害身体。

n) **经常清理电动工具的通风口**。电动机风扇会将灰尘吸进机壳，过多的金属粉尘沉积会导致电气危险。

o) **不要在易燃材料附近操作电动工具**。火星可能会点燃这些材料。

p) **不要使用需用冷却液的附件**。用水或其他冷却液可能会导致电腐蚀或电击。

对所有操作的进一步安全说明

反弹和相关警告：

反弹是因卡住或缠绕住的旋转砂轮、靠背垫、钢丝刷或其他附件而产生的突然反作用力。卡住或缠绕会引起转动附件的迅速堵转，随之使失控的电动工具在卡住点产生与附件旋转方向相反的运动。例如，如果砂轮被工件缠绕或卡住，伸入卡住点的砂轮边缘可能会进入材料表面而引起砂轮爬出或反弹。砂轮可能会飞向或飞离操作者，这取决于砂轮在卡住点的运动方向。在此条件下砂轮也可能会碎裂。

反弹是电动工具误用和/或不正确的操作工序或条件的结果。可以同工采取以下给出的适当预防措施得以避免：

a) **保持紧握电动工具，使您的身体和手臂处于正确状态以抵抗反弹力**。如有辅助手柄，则要一直使用，以便最大限度地控制住起动时的反弹力或反力矩。如采取合适的预防措施，操作者就可以控制反力矩或反弹力。

b) **绝不能将手靠近转动附件。附件可能会反弹碰到手**。

c) **不要站在发生反弹时电动工具可能移动到的地方**。反弹将在缠绕点驱使工具逆砂轮运动方向运动。

d) **当尖角、锐边等处作业时要特别小心。避免附件的弹跳和缠绕**。尖角、蠕变和弹跳具有缠绕旋转附件的趋势并引起反弹的失控。

e) **不要附装上锯链、木雕刀片或带齿锯片**。这些锯片会产生频繁的反弹和失控。

砂磨和切割操作的附加安全说明

对磨削和砂磨切割操作的专用安全警告：

a) **只使用所推荐的砂轮型号和为选用砂轮专门设计的护罩**。不是为电动工具设计的砂轮不能充分得到保护，是不安全。

b) **砂轮只用作推荐的用途**。例如：不要用切割砂轮的侧面进行磨削。施加到砂轮侧面的力可能会使其碎裂。

c) **始终为所选砂轮选用未损坏的、有恰当规格和形状的砂轮法兰盘**。合适的砂轮法兰盘支撑砂轮可以减小砂轮破裂的可能性。切割砂轮的法兰盘可以不同于砂轮的法兰盘。

d) **不要使用从大规格电动工具上用剩的磨损砂轮**。用于大规格电动工具上的砂轮不适于较小规格工具的高速工况并可能会爆裂。

工具上的标识

工具上有下列标志：


使用前请阅读使用手册。


请佩戴护目装备。


本工具采用双重绝缘，因此无需接地线。请务必检查电源是否与铭牌上的电压一致。

电源线损坏时必须采用服务机构专门制备的电线更换。 为了避免对安全性产生危害，必须有制造商或其代理商进行更换。

功能部件

1. 夹头
2. 夹头螺母
3. 轴套
4. 出风口
5. 电源线
6. 后开关
7. 磨头
8. 输出轴
9. 开口扳手
10. 握持部位
11. 主握持部位

操作说明

1. 检查供电电压，须与铭牌数据相符！

2. 安装砂轮 （ 见图A ）

不得使用安全线速度低于40m/s的磨头，确保磨头在使用前被正确安装、紧固，并在安全位置空载转速运转30秒。如果震动剧烈或有其它异常，应立即停止工具运转。严禁使用损坏、龟裂的磨头。

a) 将扳手（ 9 ）卡在输出轴（ 8 ）上，用另一把扳手拧松夹头螺母（ 2 ）；

b) 将磨头（ 7 ）盘轴插入夹头（ 1 ），直到转动；

c) 用扳手拧紧夹头（ 1 ）。

3. 开关机操作

检查工具的开关操作是否自如，确保插电前开关处于关停状态。

a) 开机：将开关推钮（ 6 ）向图示的上方拨到“**1**”位置。 **（ 见图D ）**

b) 关机：将开关推钮（ 6 ）向图示的上方拨到“**0**”位置。 **（ 见图D ）**

c) 开动工具后方可移动工作。

d) 在保险子碳刷磨损后，电动工具将自动关机从而避免电击受损。

e) 如果是新磨片，必须在保护良好的区域内，以最高空载转速运转至少5分钟。

实际运用

⚠ 为减少爆炸、电击等危险和伤害，作业前必须检查工作表面下有无隐蔽的电线、气体、供水管道。

⚠ 请操作者牢固握持工具的主握持部位后再行操作。

1) 研磨

a) 欲达到最佳之研磨效果，必须再砂轮上轻轻施压并有规律地来回移动砂轮；

b) 如果再研磨过程中用力过大，不仅会降低机器工作效率，也容易磨损砂轮；

c) 夹头顶部和砂轮底盘部间隙务必小于8mm，且夹头顶部和砂轮顶部的间隙控制再45mm以内，以防工具振动和发生意外事故（ **见图C** ）。

⚠ 打磨金属时会产生火花，火花散射范围内，严禁存放任何可燃物料，以免火灾。

维护

您的工具设计精良，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，需要您进行正确的保养和定期的清洁。

⚠ **警告**！在进行任何维护前关闭电源并拔下插头。

- 定期使用软刷或干布清洁工具内的通风槽。
- 定期使用湿布清洁电动机外壳。请勿使用任何研磨性或基于溶剂的清洁剂。

⚠ **重要**！为了确保产品安全及可靠，所有的维修、保养和调节，除了本手册中列出的以外，均应该由授权的检修中心或合格的维修服务人员执行，并始终使用相同的备件。

润滑

史丹利工具已在工厂经过充分润滑，可立即使用。

简体中文

保护环境

分类回收。本产品不得与普通家庭垃圾一起处理。

如果您发现您的史丹利产品需要进行替换，或您已经不再需要使用这些产品，请不要将它们与家庭废物一起处理。请单独对本产品进行分类回收。

旧产品及包装的分类回收可使回收材料得以再度循环和利用。再循环材料的重新利用 有助于防止环境污染和减少原料需求。

当您购买新产品时，可从家庭、城市垃圾站或通过零售商获得电气产品分类收集的当地法规。

制造商:百得(苏州)精密制造有限公司

地址:苏州工业园区苏虹中路200号出口加工区

产地:浙江永康