

**IMPORTANT**  
Read Before Using

**IMPORTANT**  
Lire avant usage

**IMPORTANTE**  
Leer antes de usar



**Operating / Safety Instructions**  
**Consignes d'utilisation/de sécurité**  
**Instrucciones de funcionamiento y seguridad**

**HSES-01**



**DREMEL®**

Call Toll Free for Consumer Information and Service Locations

Pour obtenir des informations et les adresses de nos centres de service après-vente, appelez ce numéro gratuit

Llame gratis para obtener información para el consumidor y ubicaciones de servicio





**For English Version**  
See page 2

**Version française**  
Voir page 15

**Versión en español**  
Ver la página 29

## Safety Symbols

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

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

## General Power Tool Safety Warnings

**⚠ WARNING** 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.

### 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. 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 Ground Fault Circuit Interrupter (GFCI) protected supply.** Use of an GFCI reduces the risk of electric shock.

## General Power Tool Safety Warnings

### 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 energizing 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 jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry 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.
- h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

### 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 remove the battery pack, if detachable, 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 and accessories. 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.
- h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

### 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.

## General Power Tool Safety Warnings

- 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.
- e. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 265 °F may cause explosion.
- g. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

### 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.
- b. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

## Safety Rules for Cordless Screwdrivers

- a. **Hold the 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.
- b. **Always turn off power to an electrical circuit before working on anything that is or could be in contact with it, and place a note on the electrical panel to warn others not to turn it on.** Failure to turn OFF the power source prior to installation/removal of cover plates or electrical products can result in electrical shock, fires, permanent injury and/or death.
- c. **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.
- d. **Do not drill, fasten or break into existing walls or other blind areas where electrical wiring may exist.** If this situation is unavoidable, disconnect all fuses or circuit breakers feeding this worksite.
- e. **Battery tools are always in an operative condition.** Be aware of the possible hazards.
- f. **Always wear safety goggles or eye protection when using this tool.**
- g. **Secure the workpiece, never hold it in your hand or across legs.** The drilling action may cause you to lose control of the workpiece and injury may occur.
- h. **When installing a bit, insert the shank of the bit well within the collet.** If the bit is not inserted deep enough, the grip of the collet over the bit is reduced and the loss of control is increased.
- i. **Do not run the tool while carrying it at your side.** A spinning bit could become entangled with clothing and injury may result.
- j. **Do not use dull or damaged bits and accessories.** Dull or damaged bits have a greater tendency to bind in the workpiece.

SAVE THESE INSTRUCTIONS

## Additional Safety Warnings

**⚠ WARNING** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and

- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

## Charger Safety Rules

- This manual contains instructions for battery charger model 510.** Do not substitute any other charger.
- Before using battery charger, read all instructions and cautionary markings on (1) battery charger, and (2) product using battery.**
- Charge only Dremel HSES-01.** Other types of cordless tools may burst causing personal injury and damage.
- Charge tool in temperatures above +41 degrees F (5 degrees C) and below +113 degrees F (45 degrees C). Store tool in locations where temperatures will not exceed 120 degrees F (49 degrees C).** This is important to prevent serious damage to the battery cells.
- Do not recharge tool in damp or wet environment. Do not expose charger to rain or snow.** Water entering battery charger may result in electric shock or fire.
- Battery leakage may occur under extreme usage or temperature conditions. Avoid contact with skin and eyes.** The battery liquid is caustic and could cause chemical burns to tissues. If liquid comes in contact with skin, wash quickly with soap and water. If the liquid contacts your eyes, flush them with water for a minimum of 10 minutes and seek medical attention.
- Place charger on flat nonflammable surfaces and away from flammable materials when recharging tool.** Carpeting and other heat insulating surfaces block proper air circulation, which may cause overheating of the charger and tool. If smoke or melting of the charger or tool is observed, unplug the charger immediately and do not use the tool or charger. Contact customer service immediately.
- Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.** Damaged plug and cord may result in electric shock or fire.
- Disconnect the charger by pulling the plug rather than the cord. Do not operate charger with damaged cord or plug; have them replaced immediately.** Damaged plug or cord may result in electric shock or fire.
- Do not disassemble charger or operate the charger if it has received a sharp blow, been dropped or otherwise damaged in anyway.** Incorrect reassembly or damage may result in electric shock or fire.
- Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery charger. Never open the battery charger yourself, take it to a Dremel Factory Service Center, or qualified serviceman only using original spare parts.** Incorrect reassembly may result in electric shock or fire.
- Do not use attachments not recommended or sold by Dremel.** Using attachments not recommended may result in electric shock or fire.
- Unplug tool from charger when battery in tool is fully charged.** Tool left plugged in the charger over a long period of time could lead to tool damage and fire.
- Unplug charger from outlet before storage, attempting any maintenance or cleaning.** Such preventive safety measures reduce the risk of electric shock or fire.

## Charger Safety Rules

- o. **Keep the battery charger clean by blowing compressed air on charger vents and wiping the charger housing with a damp cloth.** Contamination may result in electric shock or fire.
- p. **Replace battery pack if a substantial drop in operating time per charge is observed.** Battery pack may be nearing the end of its life.

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### Battery Care

- a. **When batteries are not in tool or charger, keep them away from metal objects.** For example, to protect terminals from shorting DO NOT place batteries in a tool box or pocket with nails, screws, keys, etc. Fire or injury may result.
- b. **DO NOT PUT BATTERIES INTO FIRE OR EXPOSE TO HIGH HEAT.** They may explode.
- c. **Battery leakage may occur under extreme usage or temperature conditions. Avoid contact with skin and eyes.** The battery liquid is caustic and could cause chemical burn to tissues. If liquid comes in contact with skin, wash quickly with soap and water. If the liquid contacts your eyes, flush them with water for a minimum of 10 minutes and seek medical attention.

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### Battery Disposal

**⚠ WARNING** Do not attempt to disassemble the tool or remove any component projecting from the tool. Fire or injury may result. Prior to disposal, protect exposed terminals with heavy insulating tape to prevent shorting.

### LITHIUM-ION BATTERIES

If equipped with a lithium-ion battery, the battery must be collected, recycled or disposed of in an environmentally sound manner.



“The EPA certified RBRC Battery Recycling Seal on the lithium-ion (Li-ion) battery indicates Robert Bosch Tool Corporation is voluntarily participating

in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Li-ion batteries into the trash or the municipal waste stream, which may be illegal in your area.

Please call 1-800-8-BATTERY for information on Li-ion battery recycling and disposal bans/restrictions in your area, or return your batteries to a Bosch/Dremel Service Center for recycling. Robert Bosch Tool Corporation's involvement in this program is part of our commitment to preserving our environment and conserving our natural resources.”

**⚠ WARNING** Do not open the tool or attempt to remove battery from your tool. Dispose of tool through your local waste removal authority or a Bosch/Dremel Service Center.

## FCC Caution

The manufacturer is not responsible for radio interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:











- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

**NOTE!** This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Symbols

**Important:** 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.

Symbol	Designation / Explanation
V	Volts (voltage)
A	Amperes (current)
Hz	Hertz (frequency, cycles per second)
∅	Diameter (size of drill bits, grinding wheels, etc.)
$n_0$	No load speed (rotational speed at no load)
.../min	Revolutions or reciprocation per minute (revolutions, strokes, surface speed, orbits etc. per minute)
0	Off position (zero speed, zero torque...)
1, 2, 3, ... I, II, III,	Selector settings (speed, torque or position settings. Higher number means greater speed)
	Infinitely variable selector with off (speed is increasing from 0 setting)
	Arrow (action in the direction of arrow)
	Alternating current (type or a characteristic of current)
	Direct current (type or a characteristic of current)
	Class II construction (designates double insulated construction tools)
	Designates Li-ion battery recycling program
	Alerts user to read manual
	Alerts user to wear eye protection
	This symbol designates that this tool is listed by Underwriters Laboratories, to United States and Canadian Standards.
	This symbol designates that this tool is listed by the Canadian Standards Association, to United States and Canadian Standards.

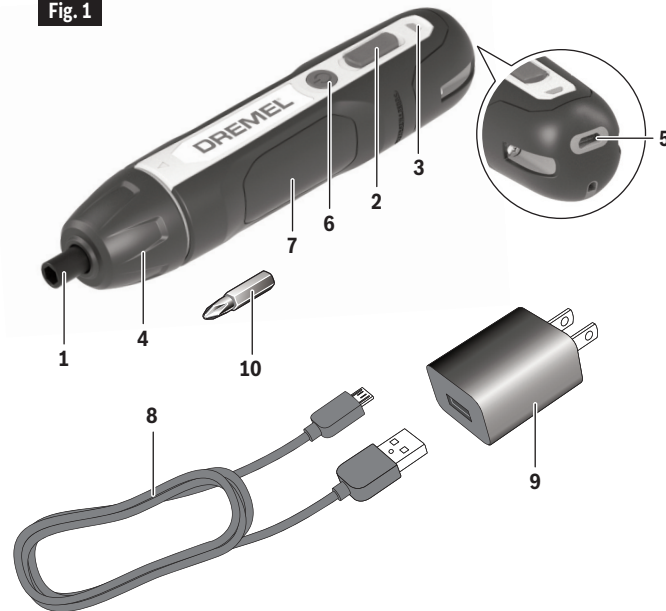
## Functional Description and Specifications

**⚠ WARNING** Battery tools are always in an operative condition. Be aware of the possible hazards.

**SAVE THESE INSTRUCTIONS**

### Dremel HSES-01 Lithium-ion Cordless Screwdriver

Fig. 1



#### Cordless Driver

Model number .....HSES-01  
 Voltage rating .....3.6V / 4V  $\text{---}$  Max  
 No load speed ( $n_0$ ) .....360/min  
 Bit holder .....1/4" Hex shank  
 Max. screw diameter .....#12  
 Allowed ambient temperature  
 – during charging .....41...113 °F (5...+45 °C)  
 – during operation/storage ..-4...122 °F (-20...+50 °C)

#### Power Adapter

Model number .....510  
 Voltage rating .....120V  $\sim$  60 Hz  
 Amperage rating .....1A

#### Battery

Chemistry .....Li-ion  
 Capacity .....1.5 Ah  
 Charge time .....approx. 1.5 Hr.

- 1 Bit holder
- 2 Direction of rotation switch and shaft lock
- 3 Battery charge indicator
- 4 Torque selector
- 5 Micro USB port
- 6 On/Off button
- 7 Insulated gripping surface
- 8 USB cable
- 9 Power adapter (or “charger”)
- 10 Screwdriver bit (example)

## Charging the Tool

Your Dremel HSES-01 does not come completely charged from the factory. Be sure to charge tool prior to initial use.

- Insert USB cable **8** into USB port of power adapter **9** (Fig. 1).
- Plug power adapter **9** into standard power outlet.
- Plug micro USB plug into Micro USB port **5**.

The battery charge indicator **3** will blink indicating that the battery is charging. See "Battery Charge Indicator" below for more information.

It is normal for the handle of the tool to get warm during charging.

**Note:** The tool cannot be used during the charging process.

When the battery is fully charged, disconnect the Micro USB end of the cable **8** from the tool.

Unplug the power adapter from the power outlet (unless you are charging another tool).

### BATTERY CHARGE INDICATOR

The battery charge indicator **3** will blink at fast pace when the battery charge falls below 30%. During charging, the battery charge indicator will blink at slower pace. Once the charging process is complete, the battery charge indicator will glow steady green light.

### IMPORTANT CHARGING NOTES

- Lithium-ion battery will hold its charge while in storage for up to 2 years so it's always ready when you need it.
- The charger was designed to fast

charge the battery only when the battery temperature is between 41°F (5°C) and 113°F (45°C).

- A substantial drop in operating time per charge may mean that the battery pack is nearing the end of its life and should be replaced. To replace an old battery, contact Dremel customer service at 1-800-4-DREMEL. The Dremel Service Center can install a new battery and ship it back to you within 48 hours of receiving your tool.
- If battery does not charge properly:
  - a. Check for voltage at outlet by plugging in some other electrical device.
  - b. Check to see if outlet is connected to a light switch which turns power "off" when lights are turned off.
  - c. Check USB terminals for dirt. Clean with cotton swab and alcohol if necessary.
  - d. Check to see if USB cable is properly connected to the tool and the power adapter.
  - e. If you still do not get proper charging, send tool and power adapter to your Dremel Service Center.

**Note:** Use of power adapters or battery packs not sold by Dremel may void the warranty.

## Operating Instructions

### Inserting Bits

Your tool is equipped with a bit holder **1**. Simply push a bit **10** into the bit holder **1** as far as it will go (Fig. 1).

### Direction of Rotation

**⚠ CAUTION** To prevent damage to the tool, do not use the direction of rotation switch while the power tool is in operation.

**⚠ CAUTION** To prevent accidental activation of the tool, slide the direction of rotation switch to middle (locked) position when storing or transporting the tool.

**Clockwise rotation:** To drive screws in, slide the direction of rotation switch **2** down or forward to position **A** (Fig. 2).

**Counterclockwise rotation:** To loosen or unscrew screws, slide the direction of rotation switch **2** up or backwards to position **B** (Fig. 2).

**Locking the shaft in place:** To lock the shaft (bit holder **1**) in place, slide the direction of rotation switch **2** into the middle position **C** (Fig. 3). This enables screws to be screwed in manually, e.g. when the battery is depleted. **Note:** the On/Off button **6** is disabled when the direction of rotation switch is in the middle position.

### Setting the Torque

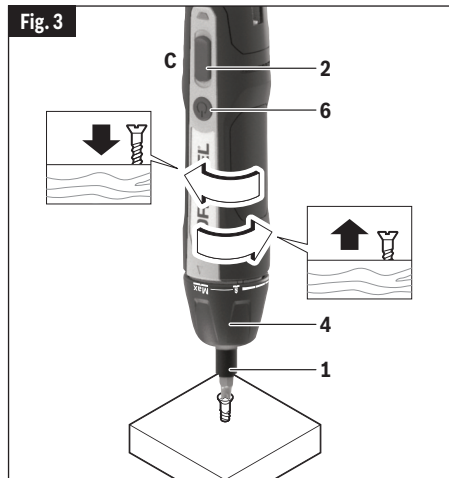
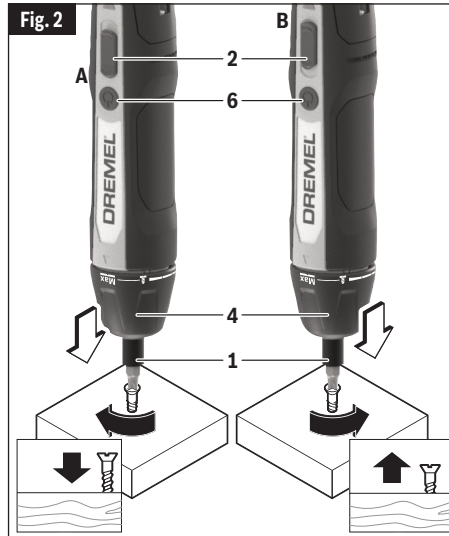
The Electric Screwdriver torque can be set in one of six positions using the torque selector **4**. There are five settings to limit the torque and one setting for maximum power. The tool will automatically stop as soon as the set torque is reached.

Use the lowest torque setting indicated by the small screw icon for soft materials and small screws. Rotate the torque selector to increase the amount of torque for larger screws and harder materials. For maximum power, adjust the torque selector to "Max" position.

### Starting and Stopping the Tool

There are two ways to start the tool:

- To start the power tool, put pressure



on the bit holder **1** and maintain this pressure to continue using the power tool. To switch the tool off, stop putting pressure on the bit holder **1**.

- To start the power tool, press and hold the On/Off button **6**. Release the On/Off button to stop the tool.

### Smart Stop

Your electric screwdriver comes with Smart Stop feature. If the electric screwdriver is misaligned with the screw, it will automatically stop to prevent damage to the screw head (Fig.

## Operating Instructions

- 4). Stop the tool by releasing pressure on the tool and the on/off button, align the electric screwdriver and start again.

### Fastening with Screws

The procedure shown in figure 5 will enable you to fasten materials together with your Cordless Screwdriver without stripping, splitting, or separating the material.

First, clamp the pieces together and drill the first hole  $\frac{2}{3}$  the diameter of the screw. If the material is soft, drill only  $\frac{2}{3}$  the proper length. If it is hard, drill the entire length.

Second, unclamp the pieces and drill the second hole the same diameter as the screw shank in the first or top piece of wood.

Third, if a flat head screw is used, countersink the hole to make the screw flush with the surface. Then, simply apply even pressure when driving the screw. The screw shank clearance hole in the first piece allows the screw head to pull the pieces tightly together.

### Temperature Dependent Overload Protection

When using as intended for, the power tool cannot be subject to overload. When the load is too high or the allowable battery temperature is exceeded, the electronic control switches off the power tool until the temperature is in the optimum temperature range again.

**⚠ CAUTION** Do not continue to apply pressure on the bit holder after the power tool has automatically switched itself off. Do not continue to press the On/Off button after the power tool has automatically switched off. This can damage the battery.

### Protection against Deep Discharging

The lithium-ion battery is protected against deep discharging by the "Electronic Cell Protection (ECP)". When the battery is empty, the machine

Fig. 4

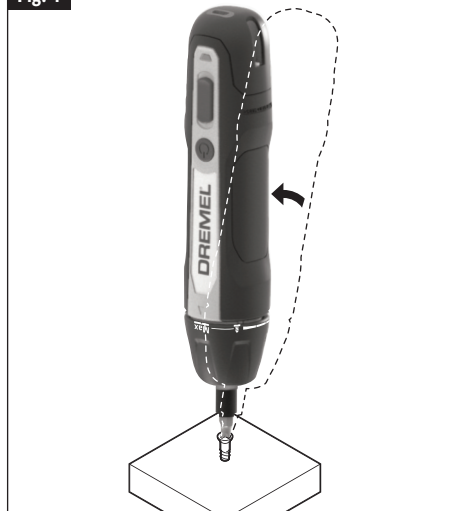
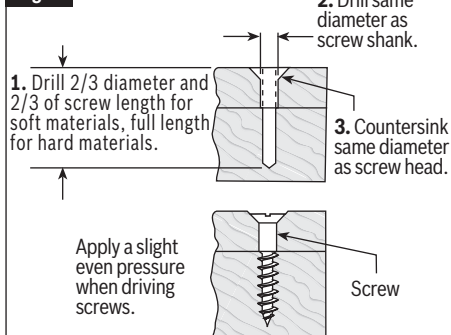


Fig. 5



is switched off by means of a protective circuit: The tool no longer rotates.

## Maintenance

**⚠ WARNING** To avoid accidents, always disconnect the tool and/or charger from the power supply before cleaning.

### Service

**⚠ WARNING** NO USER SERVICE-ABLE PARTS INSIDE.

Preventive maintenance performed by unauthorized personnel may result in misplacing of internal wires and components which could cause serious hazard. We recommend that all tool service be performed by a Dremel Service Center. **SERVICEMEN:** Disconnect tool and/or charger from power source before servicing.

### Batteries

**Be alert for battery packs that are nearing their end of life.** If you notice decreased tool performance or significantly shorter running time between charges then it is time to

replace the battery pack. Failure to do so can cause the tool to operate improperly or damage the charger.

### Cleaning

**⚠ CAUTION** Certain cleaning agents and solvents damage plastic parts. Some of these are: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents that contain ammonia.

Ventilation openings and switch levers must be kept clean and free of foreign matter. Do not attempt to clean by inserting pointed objects through opening.

## Extension Cords

**⚠ WARNING** If an extension cord is necessary, a cord with adequate size conductors that is capable of carrying the current necessary for your tool must be used.

This will prevent excessive voltage drop, loss of power or overheating. Grounded tools must use 3-wire extension cords that have 3-prong plugs and receptacles.

**NOTE:** The smaller the gauge number, the heavier the cord.

### RECOMMENDED SIZES OF EXTENSION CORDS 120 VOLT ALTERNATING CURRENT TOOLS

Tool's Ampere Rating	Cord Size in A.W.G.				Wire Sizes in mm <sup>2</sup>			
	Cord Length in Feet				Cord Length in Meters			
	25	50	100	150	15	30	60	120
3-6	18	16	16	14	0.75	0.75	1.5	2.5
6-8	18	16	14	12	0.75	1.0	2.5	4.0
8-10	18	16	14	12	0.75	1.0	2.5	4.0
10-12	16	16	14	12	1.0	2.5	4.0	–
12-16	14	12	–	–	–	–	–	–

## Dremel™ Limited Warranty

Your Dremel product is warranted against defective material or workmanship for a period of two years from date of purchase. In the event of a failure of a product to conform to this written warranty, please take the following action:

1. DO NOT return your product to the place of purchase.
2. Carefully package the product by itself, with no other items, and return it, freight prepaid, along with:
  - A. A copy of your dated proof of purchase (please keep a copy for yourself).
  - B. A written statement about the nature of the problem.
  - C. Your name, address and phone number to:

We recommend that the package be insured against loss or in transit damage for which we cannot be responsible.

This warranty applies only to the original registered purchaser. DAMAGE TO THE PRODUCT RESULTING FROM TAMPERING, ACCIDENT, ABUSE, NEGLIGENCE, UNAUTHORIZED REPAIRS OR ALTERATIONS, UNAPPROVED ATTACHMENTS OR OTHER CAUSES UNRELATED TO PROBLEMS WITH MATERIAL OR WORKMANSHIP ARE NOT COVERED BY THIS WARRANTY.

No employee, agent, dealer or other person is authorized to give any warranties on behalf of Dremel. If Dremel inspection shows that the problem was caused by problems with material or workmanship within the limitations of the warranty, Dremel will repair or replace the product free of charge and return product prepaid. Repairs made necessary by normal wear or abuse, or repair for product outside the warranty period, if they can be made, will be charged at regular factory prices.

DREMEL MAKES NO OTHER WARRANTY OF ANY KIND WHATEVER, EXPRESSED OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE ABOVE MENTIONED OBLIGATION ARE HEREBY DISCLAIMED BY DREMEL AND EXCLUDED FROM THIS LIMITED WARRANTY.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. The obligation of the warrantor is solely to repair or replace the product. The warrantor is not liable for any incidental or consequential damages due to any such alleged defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

For prices and warranty fulfillment in the continental United States, contact your local Dremel distributor.

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