



BOSCH

PRO

GBC18V-32PS

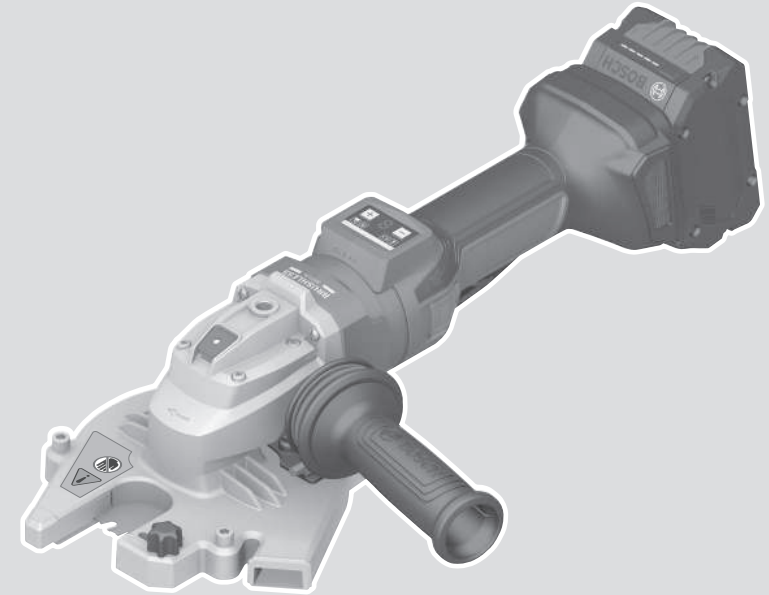
Robert Bosch Power Tools GmbH
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GERMANY

www.bosch-pt.com

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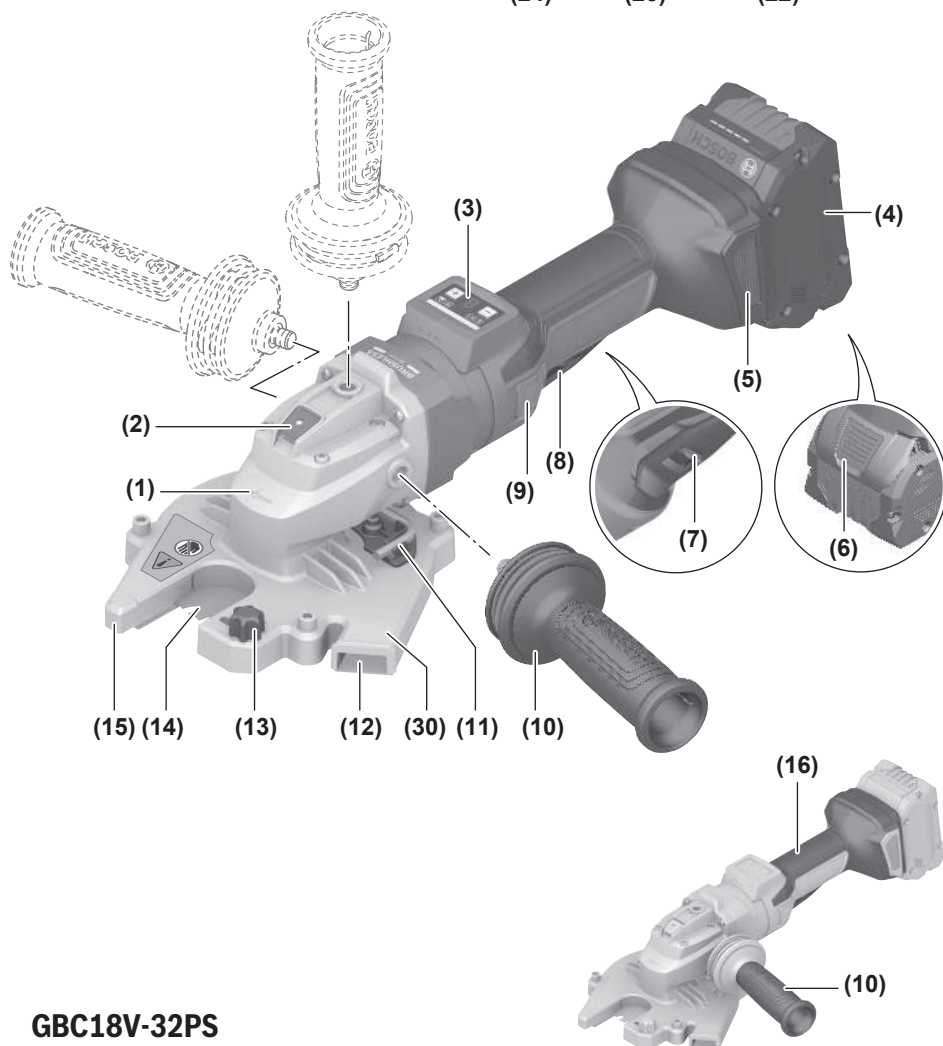
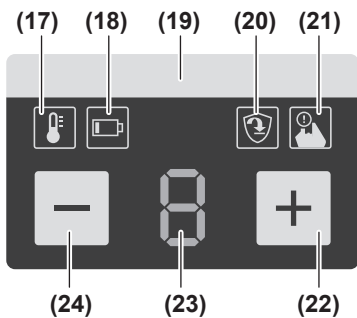
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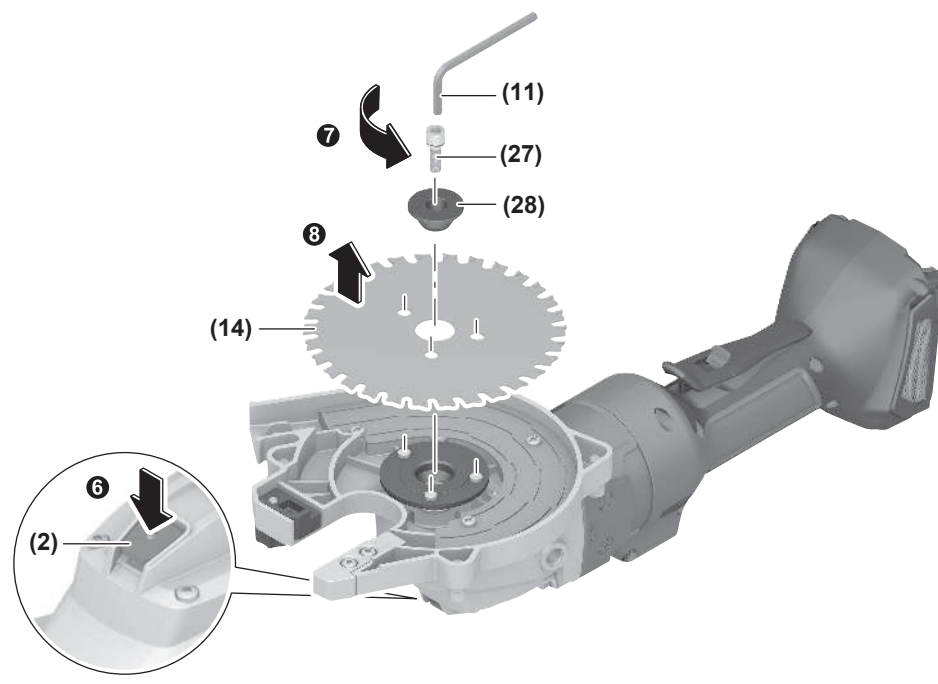
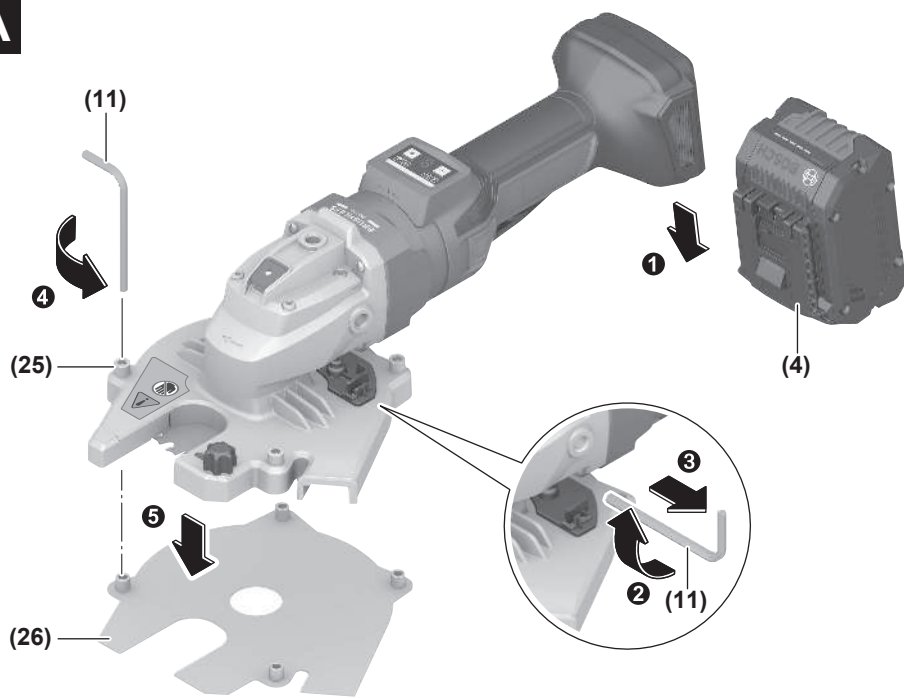
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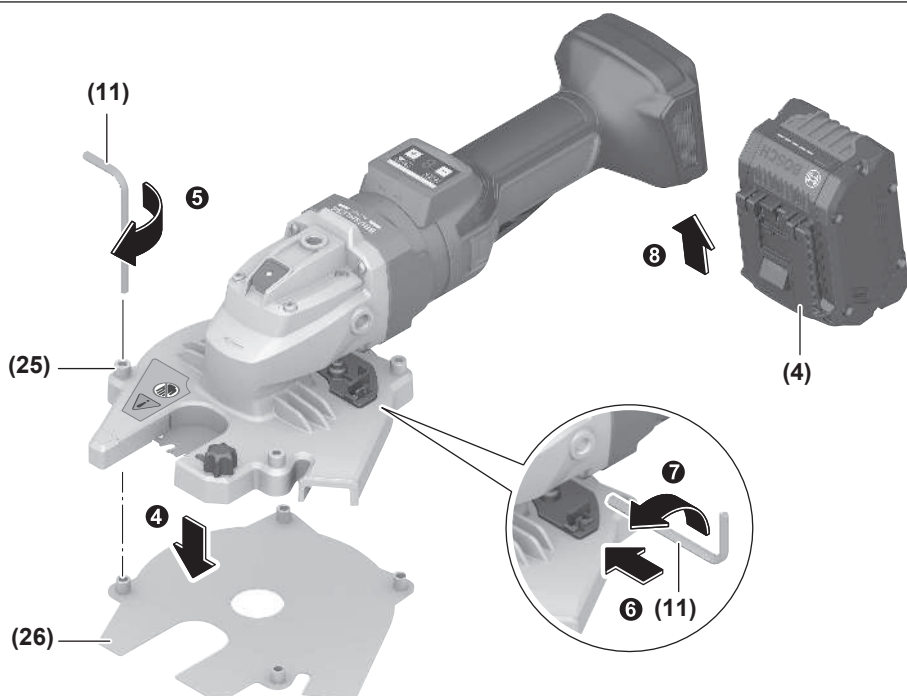
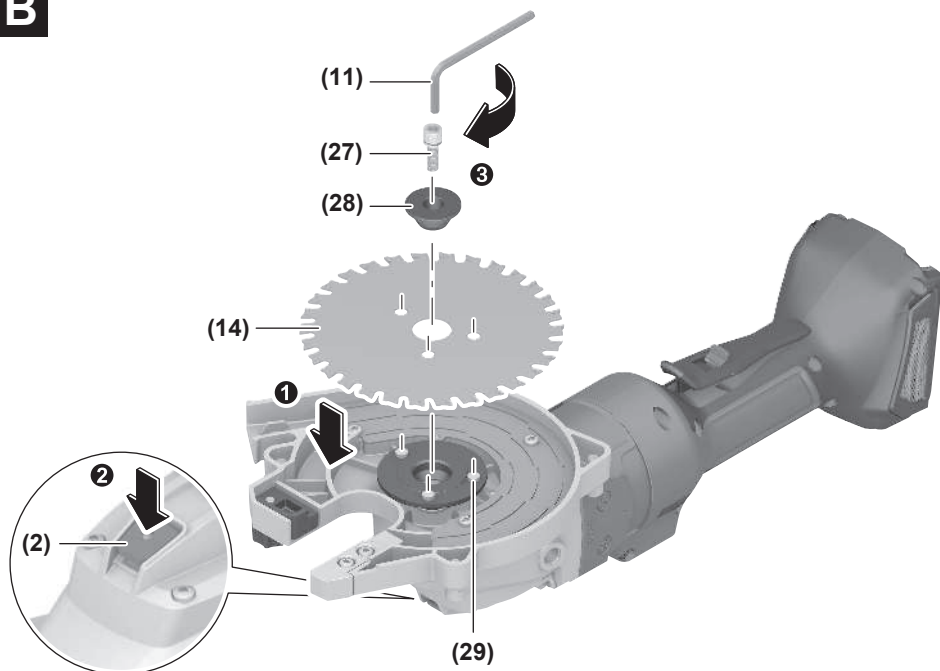


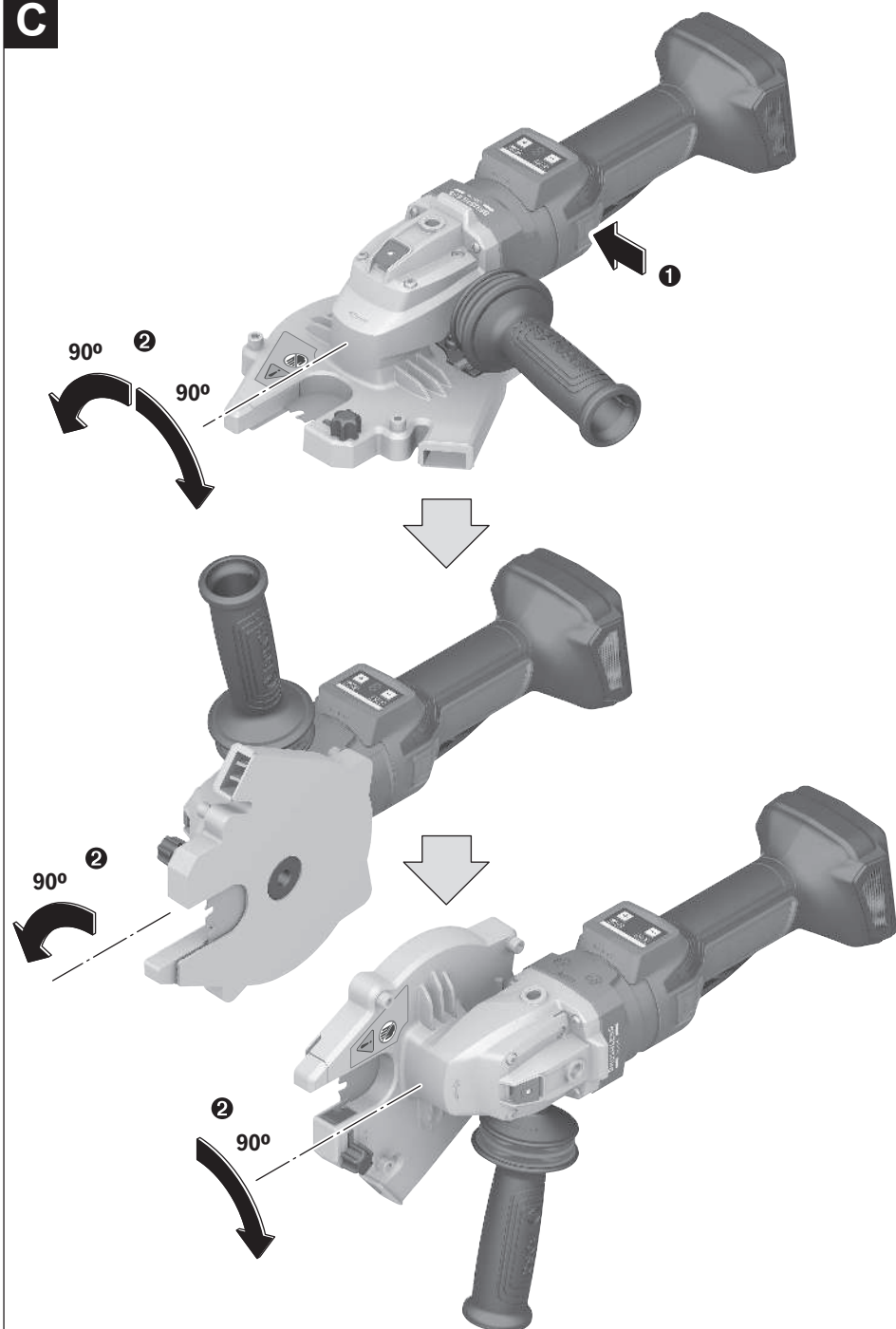


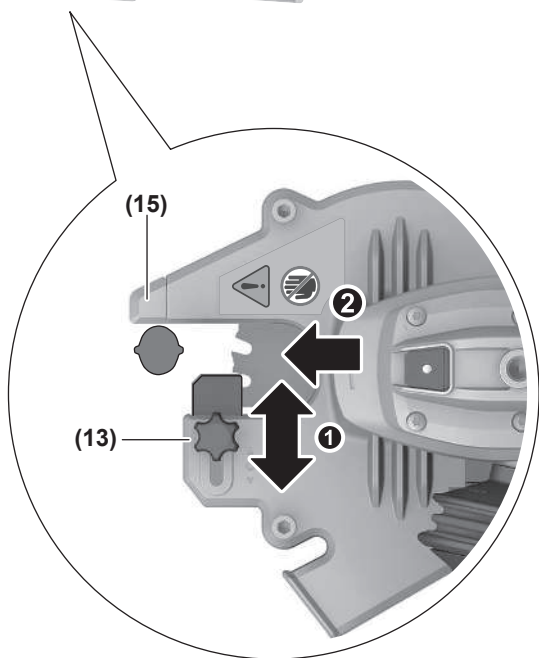
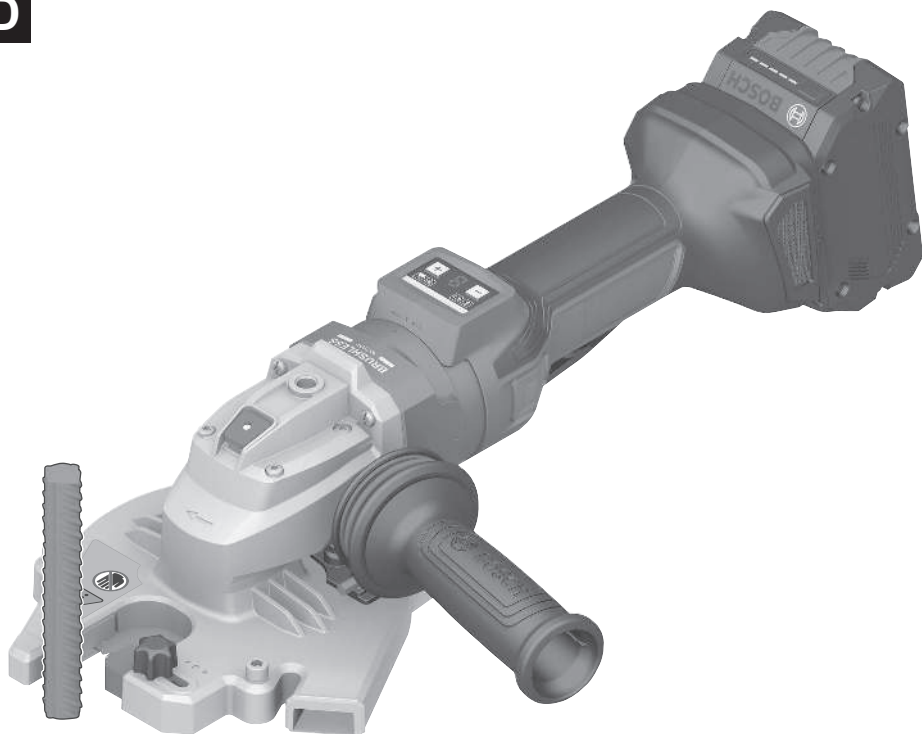


GBC18V-32PS

A

B



D

English

Safety Instructions

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.

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.

Electrical safety

- ▶ **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase 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 a 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 and clothing 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.
- ▶ **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.

Power tool use and care

- ▶ **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.
- ▶ **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.
- ▶ **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.
- ▶ **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.
- ▶ **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.
- ▶ **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- ▶ **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.
- ▶ **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.

Battery tool use and care

- ▶ **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.

- ▶ **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- ▶ **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.
- ▶ **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.
- ▶ **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.
- ▶ **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C may cause explosion.
- ▶ **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.

Service

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

Safety Instructions for Rebar Cutters



Keep your hands away from the cutting area and the rotating saw blade. You could seriously injure yourself.



Always hold the product with both hands on the intended handles and never reach into the cutting area during operation. Keep the handles dry, clean, and free from oil and grease. This allows you to work effectively and

safely.

- ▶ **Never use the power tool without the base plate.** You can only work properly and safely with the base plate mounted.
- ▶ **Only use saw blades approved for the product that meet the specifications in the technical data.** Using the saw blade for other applications may result in excessive wear, blade detachment, reduced cutting performance and excessive heat build-up, which may damage the saw blade and cause serious injury.
- ▶ **Do not use a blunt or damaged saw blade.** A saw blade with blunt or misaligned teeth causes increased friction, jamming of the saw blade and kickback due to a kerf that is too narrow.
- ▶ **Use suitable detectors to determine if there are hidden supply lines or contact the local utility company for assistance.** Contact with electric cables can cause fire and electric shock. Damaging gas lines can lead to explosion. Breaking water pipes causes property damage.
- ▶ **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting tool may contact hidden wiring.** Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- ▶ **Only switch on the power tool once you have moved it into the working position and hold it firmly with both hands.** This will help you avoid uncontrolled kickback.
- ▶ **Hot and sharp metal chips can be produced during work and can cause cuts and burns upon skin contact.** Wear close fitting clothing.
- ▶ **Only start cutting once the power tool has reached its maximum speed.** Touching the workpiece with the saw blade before starting the motor will overload and damage the saw blade and may result in serious injury.
- ▶ **Do not restart the cutting operation in the workpiece if kickback occurs. Remove the power tool from the workpiece and let the saw blade reach full speed and carefully re-enter the cut.** The saw blade may bind again or kickback if the power tool is restarted in the workpiece.
- ▶ **If the saw blade gets stuck or jammed during cutting, it will block and kickback may occur.** This may cause the power tool to move uncontrollably.
- ▶ **Sparks and hot metal chips can be generated during work, potentially igniting flammable materials in the environment or damaging surfaces.** Ensure that no flammable materials are present in the working area and protect sensitive surfaces.
- ▶ **Avoid touching the head of the power tool during operation.** It can become very hot and you could injure yourself.
- ▶ **The saw blade and other metal parts may be hot or have sharp edges.** Wear protective gloves when changing the saw blade.
- ▶ **When working at height, ensure that no one is standing below.** Falling chips or material residues can cause accidents.
- ▶ **Never place the power tool down before the application tool has come to a complete stop.** The rotating application tool can seriously injure your hand or touch the work surface and move uncontrollably.
- ▶ **In case of damage and improper use of the battery, vapours may be emitted. The battery can set alight or explode.** Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.
- ▶ **Do not modify or open the battery.** There is a risk of short-circuiting.

- **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.**

An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.

- **Only use the battery in the manufacturer's products.**

This is the only way in which you can protect the battery against dangerous overload.



Protect the rechargeable battery against heat, e.g. including prolonged sun exposure, fire, water, and moisture. There is a risk of explosion and short circuit.

Symbols

The following symbols may be important for the operation of your power tool. Please take note of these symbols and their meaning. Correctly interpreting the symbols will help you to operate the power tool more effectively and safely.



Wear safety goggles.

Product Description and Specifications



Read all the safety and general instructions.

Failure to observe the safety and general instructions may result in electric shock, fire and/or serious injury.

Please observe the illustrations at the beginning of this operating manual.

Intended use

The power tool is designed for flush or free cutting of rebar and soft steel threaded rods used in the building trade.

Product Features

The numbering of the product features refers to the diagram of the power tool on the graphics page.

- (1) Direction of rotation arrow on housing
- (2) Spindle lock button
- (3) User interface
- (4) Rechargeable battery^{a)}
- (5) Dust filter (2x)
- (6) Battery release button^{a)}
- (7) Unlocking lever for on/off switch
- (8) On/off switch
- (9) Button for rotating the gearing
- (10) Low-vibration auxiliary handle (insulated gripping surface)
- (11) Hex key

- (12) Outlet
- (13) Screw for adjusting the opening width
- (14) Saw blade
- (15) Guide
- (16) Handle (insulated gripping surface)
- (17) Temperature indicator (user interface)
- (18) Indicator for low state of charge of the battery (user interface)
- (19) Power tool status indicator (user interface)
- (20) KickBack Control indicator (user interface)
- (21) Overload indicator (user interface)
- (22) Button for increasing the speed (user interface)
- (23) Speed setting/mode indicator (user interface)
- (24) Button for reducing the speed (user interface)
- (25) Screw (4 x)
- (26) Base plate
- (27) Clamping bolt
- (28) Clamping flange
- (29) Centring pin (3 x)
- (30) Holder for chip collection bag

a) **This accessory is not part of the standard scope of delivery.**

Technical Data

Rebar cutter		GBC18V-32PS
Article number		3 601 JS7 0..
Rated voltage	V=	18
No-load speed	min ⁻¹	1700–2000
Cutting capacity for rebar	mm	10–32
Saw blade diameter	mm	136
KickBack Control		●
Restart protection		●
Run-out brake		●
Soft start		●
Drop Control		●
Overload protection		●
Speed preselection		●
Weight ^{A)}	kg	3.3
Dimensions (length x width x height)	mm	445 x 186 x 114
Recommended ambient temperature during charging	°C	0 to +35
Permitted ambient temperature during operation ^{B)} and during storage	°C	–20 to +50
Compatible rechargeable batteries		GBA18V... GBA 18V... ProCORE18V... EXPERT18V...

Rebar cutter	GBC18V-32PS
	EXBA18V... CORE18V...
Recommended rechargeable batteries for maximum performance	ProCORE18V... ≥ 8.0 Ah EXPERT18V... ≥ 5.5 Ah
Recommended battery chargers	GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

A) Without rechargeable battery (you can find the battery weight at www.bosch-professional.com)

B) Limited performance at temperatures < 0 °C

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Noise/Vibration Information

Noise emission values determined according to **EN 62841-1**.

Typically, the A-weighted noise level of the power tool is: Sound pressure level **96 dB(A)**; sound power level **104 dB(A)**. Uncertainty **K = 3 dB**.

Wear hearing protection!

Vibration values a_h (continuous vibrations), p_F (repeated shock vibrations) and uncertainty **K** determined according to **EN 62841-1**:

$a_h = 3.8 \text{ m/s}^2$, $K = 1.5 \text{ m/s}^2$, $p_F = 410.8 \text{ m/s}^2$ ($K = 82.8 \text{ m/s}^2$)

The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and can be used to compare power tools. They can also be used for a preliminary estimation of vibration and noise emissions.

The stated vibration level and noise emission value represent the main applications of the power tool. However, if the power tool is used for other applications, with different accessories or is poorly maintained, the vibration level and noise emission value can differ. This can significantly increase the vibration and noise emissions over the total working period.

To estimate vibration and noise emissions accurately, the times when the tool is switched off or when it is running but not actually being used should also be taken into account. This can significantly reduce vibration and noise emissions over the total working period.

Implement additional safety measures to protect the operator from the effects of vibration, such as servicing the power tool and accessories, keeping their hands warm, and organising workflows correctly.

KickBack Control



If there is a sudden kickback in the power tool, e.g. jamming in a separating cut, the power supply to the motor will be interrupted electronically. The kickback control indicator **(20)** lights up. When kickback control is activated, the status indicator **(19)** flashes red.

To **restart** the tool, set the on/off switch **(8)** to the off position and then switch the power tool on again.

Restart protection



The restart protection feature prevents the power tool from uncontrolled starting after the power supply to it has been interrupted.

To **restart** the tool, set the on/off switch **(8)** to the off position and then switch the power tool on again.

Run-out brake



The power tool is fitted with an electronic run-out brake. When the power tool is switched off, the saw blade is brought to a complete stop within a few seconds.

Soft start

The electronic soft start limits the torque when the power tool is switched on and enables a smooth start-up.

Note: If the power tool runs at full speed immediately after being switched on, this means that the soft start and restart protection mechanisms have failed. The power tool must be sent to the after-sales service immediately; see the "After-Sales Service and Application Service" section for addresses.

Drop control



The integrated impact shutdown switches the power tool off as soon as it hits the floor. To **restart** the tool, set the on/off switch **(8)** to the "off" position and then switch the power tool on again.

Overload protection

In normal conditions of use, the power tool cannot be overloaded. In the event of excessive load or temperatures outside of the permitted battery temperature range, it will automatically switch off. Then switch off the power tool and stop the work that caused the power tool to be overloaded. Switch the power tool back on to restart the work process.

Speed preselection

The factory settings include 2 preset speeds.

Speed preselection level	[min ⁻¹]
1	1700

Speed preselection level [min⁻¹]

2	2000
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The specified speed setting values depend on the rechargeable battery in use, the battery's state of charge and the tool's operating temperature.

With the speed setting buttons **(22) (24)**, you can preselect the required speed. The figures in the table below are recommended values.

Material	Application	Application tool	Speed setting
Rebar	Cutting	Saw blade	1/2
Soft steel threaded rods	Cutting	Saw blade	1/2

Do not start cutting until the product has reached maximum speed. If you bring the saw blade into contact with the workpiece before starting the motor, the saw blade will be overloaded and damaged, which could result in serious injury. Select setting 2 for the highest cutting speed. Select setting 1 to reduce spark formation.

Rechargeable battery

Bosch sells some cordless power tools without a rechargeable battery. You can tell whether a rechargeable battery is included with the power tool by looking at the packaging.

Charging the battery

► **Use only the chargers listed in the technical data.** Only these chargers are matched to the lithium-ion battery of your power tool.

Note: Lithium-ion rechargeable batteries are supplied partially charged according to international transport regulations. To ensure full rechargeable battery capacity, fully charge the rechargeable battery before using your tool for the first time.

Inserting the Battery

Push the charged battery into the battery holder until it clicks into place.

Removing the Battery

To remove the rechargeable battery, press the battery release button and pull the battery out. **Do not use force to do this.**

The rechargeable battery has two locking levels to prevent the battery from falling out if the battery release button is pressed unintentionally. The rechargeable battery is held in place by a spring when fitted in the power tool.

Battery charge indicator

Note: Not all battery types have a battery charge indicator. The green LEDs on the battery charge indicator indicate the state of charge of the battery. For safety reasons, it is only possible to check the state of charge when the power tool is not in operation.

Press the button for the battery charge indicator  or  to show the state of charge. This is also possible when the battery is removed.

If no LED lights up after pressing the button for the battery charge indicator, then the battery is defective and must be replaced.

The state of charge of the battery is also displayed on the user interface (see "Status indications", page 14).

Rechargeable battery type GBA 18V... | GBA18V...



LED	Capacity
3 × continuous green light	60–100 %
2 × continuous green light	30–60 %
1 × continuous green light	5–30 %
1 × flashing green light	0–5 %

Battery model ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Capacity
5 × continuous green light	80–100 %
4 × continuous green light	60–80 %
3 × continuous green light	40–60 %
2 × continuous green light	20–40 %
1 × continuous green light	5–20 %
1 × flashing green light	0–5 %

Battery defect risk detection

EXPERT18V... | EXBA18V...

In addition to the state of charge of the rechargeable battery, the LEDs on the battery charge indicator can also indicate the risk of a battery defect.

To activate the function, press and hold the button for the battery charge indicator  for 3 seconds. The analysis of the battery is signalled by a moving light on the battery charge indicator. The result of is shown on the battery charge indicator.



1 LED: The rechargeable battery has a high defect risk. Performance and runtime may already be reduced. Replacing the rechargeable battery is recommended.



5 LEDs: The rechargeable battery is in good condition and has a low defect risk.

Please note: The rechargeable battery defect risk assessment works in a binary manner and offers a simplified status assessment, indicating either that the rechargeable battery is in good condition or that the rechargeable battery has an increased defect risk. A percentage of the battery status is not shown.

Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water.

Only store the battery within a temperature range of -20 to 50 °C. Do not leave the battery in your car in the summer, for example.

Occasionally clean the ventilation slots on the battery using a soft brush that is clean and dry.

A significantly reduced operating time after charging indicates that the battery has deteriorated and must be replaced. Follow the instructions on correct disposal.

Fitting

- **Only use saw blades the maximum permitted speed of which is higher than the no-load speed of the power tool.**

Mounting/Removing the Saw Blade

- **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.
- **Wear protective gloves when fitting the saw blade.** Danger of injury when touching the saw blade.
- **Only use saw blades that match the specifications given in this operating manual and on the power tool.**

Removing the Saw Blade (see figure A)

- Loosen the 4 screws (25) using the hex key (11) supplied.
- Remove the base plate (26).
- Press and hold the spindle lock button (2).
- **Do not press the spindle lock button (2) while the saw spindle is moving.** The power tool may become damaged if you do this.
- Fully unscrew the clamping bolt (27) using the hex key (11).
- Remove the clamping flange (28) and the saw blade (14).

Mounting the Saw Blade (see figure B)

- Clean the saw blade (14) and all the clamping elements to be fitted.
- Put the saw blade (14) on. The cutting direction of the teeth (direction of the arrow on the saw blade) must match the rotational direction of the arrow (1) on the housing. Make sure that the 3 centring pins (29) engage in the drill hole of the saw blade.
- Fit the clamping flange (28) and screw in the clamping bolt (27).
- Press and hold the spindle lock button (2).
- Tighten the clamping bolt (27) with the hex key (11).
- Fit the base plate (26) and screw it on with the 4 screws (25).

Low-vibration auxiliary handle

Note: The rebar cutter **GBC18V-32PS** is supplied with a low-vibration auxiliary handle (10). Always use the low-vibration auxiliary handle (10) described in this operating manual to ensure operational safety and optimum ergonomics.

Screw the auxiliary handle (10) on the right or left or on the top of the machine head depending on the working method.

- **Do not operate your power tool without the auxiliary handle (10).**
- **Do not continue to use the power tool if the auxiliary handle (10) is damaged. Do not make any alterations to the auxiliary handle (10).**



The low-vibration auxiliary handle (10) reduces vibration, enabling the tool to be used safely and more comfortably.

Dust/Chip Extraction

Do not perform work without taking dust-reducing measures. Using a suitable dust box will reduce exposure to harmful dust. Provide good ventilation at the workplace. Always use suitable breathing protection. In order to ensure optimum dust extraction, empty the dust box in good time and clean the filter element regularly.

- **Avoid dust accumulation at the workplace.** Dust can easily ignite.

Self-Generated Dust Extraction

Place the open end of the chip collection bag on the holder (30) and secure it with the pull straps. Pull firmly on the chip collection bag to ensure that it is secured correctly.

Rotating the Gear Head (see figure C)

- **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.

You can rotate the gearing 90° to the left or right relative to the handle. In this way, the on/off switch (8) can be brought into a more favourable handling position for particular applications.

Set the on/off switch (8) to the "Off" position.

Press the (9) button and turn the gearing to the required position (see figure C).

The on/off switch (8) can only be activated if the gearing is in the correct position.

Operation

- **Do not load the power tool so heavily that it comes to a stop.**
- **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.

- ▶ **Clamp the workpiece if it is not secure under its own weight.**
- ▶ **If the power tool has been subjected to a heavy load, continue to run it at no-load for several minutes to cool down the accessory.**
- ▶ **Do not use the power tool with a cut-off stand.**

Adjusting the Opening Width (see figure D)

Loosen the screw for adjusting the opening width (13). Push the width adjustment block to the left or right to select the required opening width. Before carrying out any work, make sure that the screw (13) is tightened.

Working Advice

Cutting Rebar

Select the suitable setting for the cut to be made (see "Adjusting the Opening Width (see figure D)", page 14).

Do not touch any rotating parts as this can lead to serious injury.

Do not start cutting immediately after switching on the motor. Bring the saw blade up to full speed before making the cut.

Select a lower speed setting to reduce flying sparks.

User Interface

The user interface (3) is used to preselect the speed and to indicate the status of the power tool.

Status indications

Temperature indicator (17)	Meaning/cause	Solution
Yellow	Critical temperature has been reached (electronics, battery)	Run the power tool at no load and allow it to cool down
Red	Power tool is overheated and will switch off	Leave the power tool to cool down

Battery charge indicator (user interface) (18)	Meaning/cause	Solution
Yellow	Battery almost empty	Replace or charge battery soon
Red	Battery empty	Replace or charge battery

Power tool status indicator (19)	Meaning/cause	Solution
Green	Status OK	–
Yellow	Critical temperature has been reached, or rechargeable battery is almost empty, or overload has been detected	Run the power tool at no load and allow it to cool down or reduce the load so that the power tool works properly
Illuminated red	Power tool has overheated or rechargeable battery is empty	Allow the power tool to cool down, or replace or charge the battery
Flashing red	KickBack Control, restart protection or Drop Control has been triggered	Turn the power tool off and on again

Overload indicator (user interface) (21)	Meaning/cause	Solution
Yellow	Overload detected	Reduce the load so that the power tool works properly

Slow down the forwards movement (cutting movement) at the start and end of the cutting process.

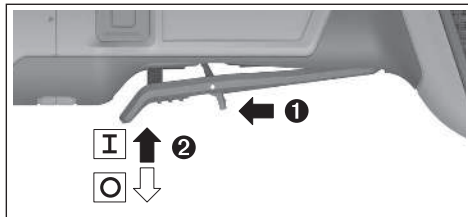
Do not cut rebar with a diameter less than **10 mm**.

Do not cut rebar less than **20 mm** long since the section between the saw blade (14) and the base plate (26) may get stuck and cause damage and/or serious injury.

After switching on the power tool, place the guide (15) firmly on the rebar. Push the power tool forwards slowly to start cutting the rebar.

Start-Up

Switching On/Off



To **start** the power tool, push the unlocking lever (7) forwards and then push the on/off switch (8) up.

To **switch off** the power tool, release the on/off switch (8).

Maintenance and Service

Maintenance and Cleaning

- ▶ **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.
- ▶ **To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.**

Store and handle the accessories carefully.

After-Sales Service and Application Service

Great Britain

Tel. Service: (0344) 7360109

GB Importer:

Robert Bosch Ltd.
Broadwater Park
North Orbital Road
Uxbridge
UB9 5HJ

Malaysia

Tel.: (03) 79663194

You can find the link to our service addresses and warranty conditions on the last page.

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

Disposal

Power tools, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.



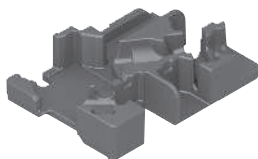
Do not dispose of power tools and batteries/rechargeable batteries into household waste!

Only for EU countries and United Kingdom:

Electrical and electronic equipment or used batteries that are no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems. Incorrect disposal may cause harmful effects on the environment and human health, due to the potential presence of hazardous substances.



L-BOXX
1 605 438 1L4



6 082 850 7T3



1 602 025 0A0



1 619 PS7 651



2 608 847 416

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1.6 - NanoPb 0.3.9.9

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1.7 - picolibc 1.8.8

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