



BOSCH

Professional

GST 18V-125 B | GST 18V-125 S

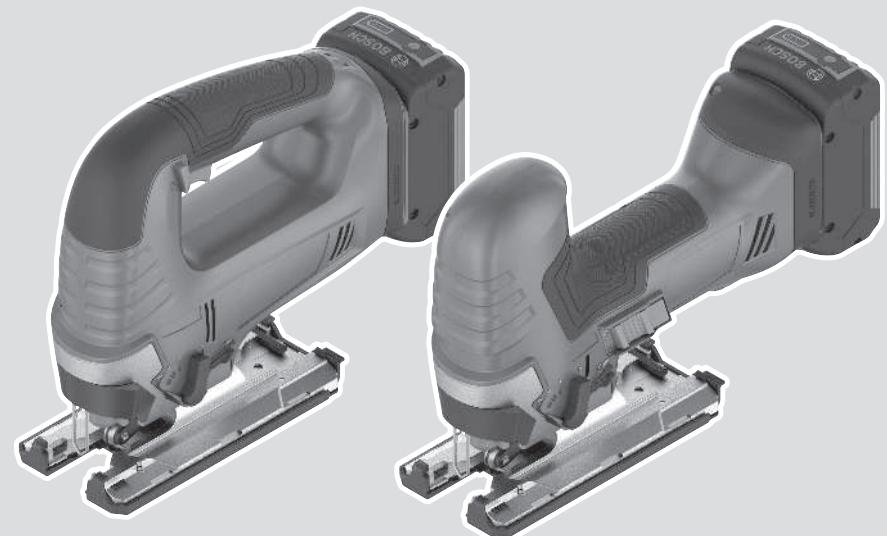
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GERMANY

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en Original instructions

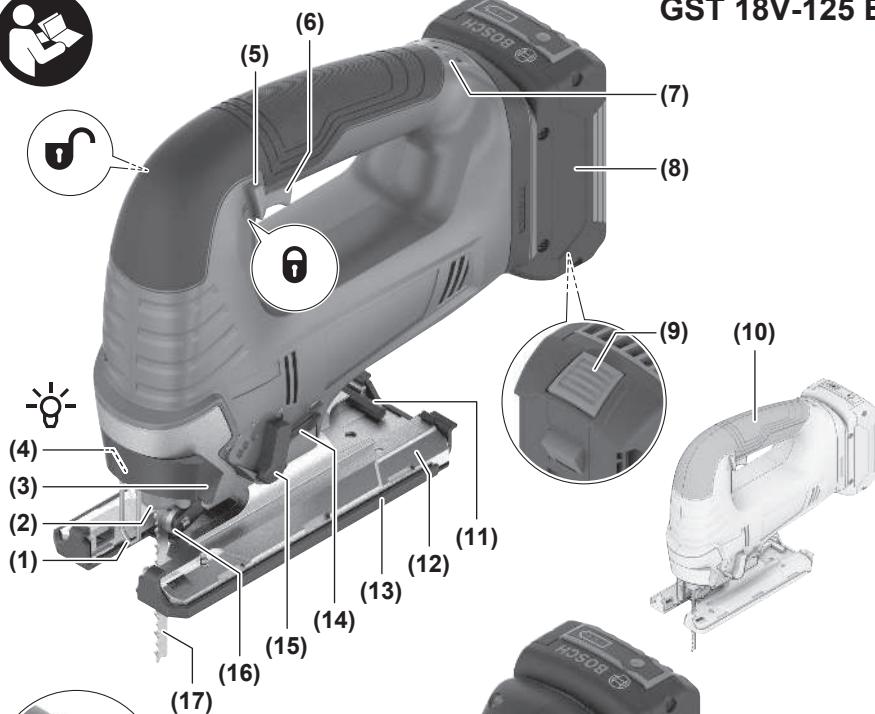


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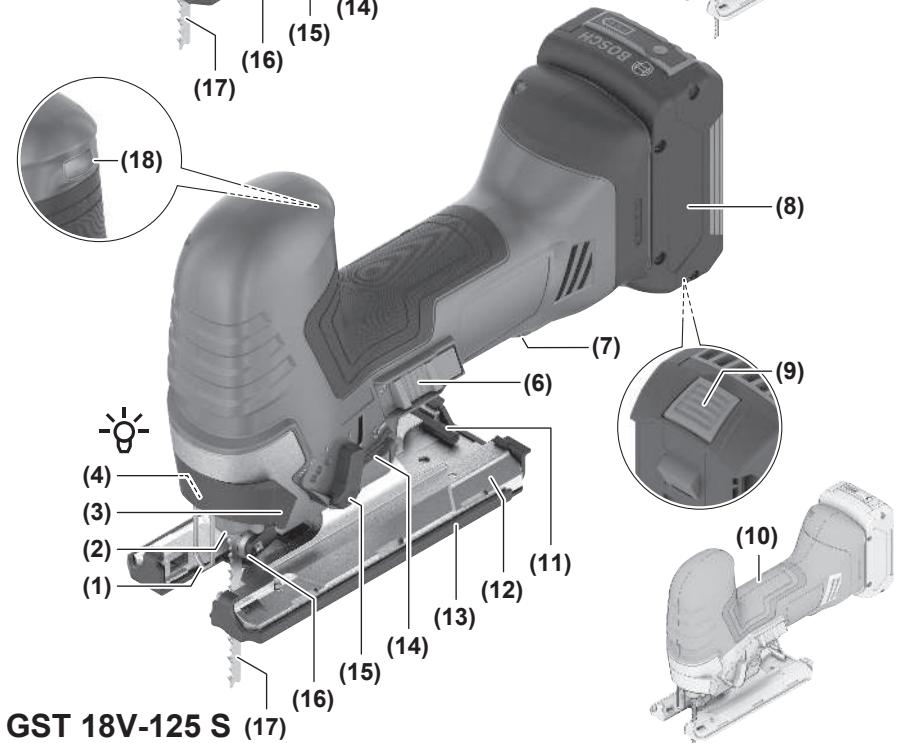
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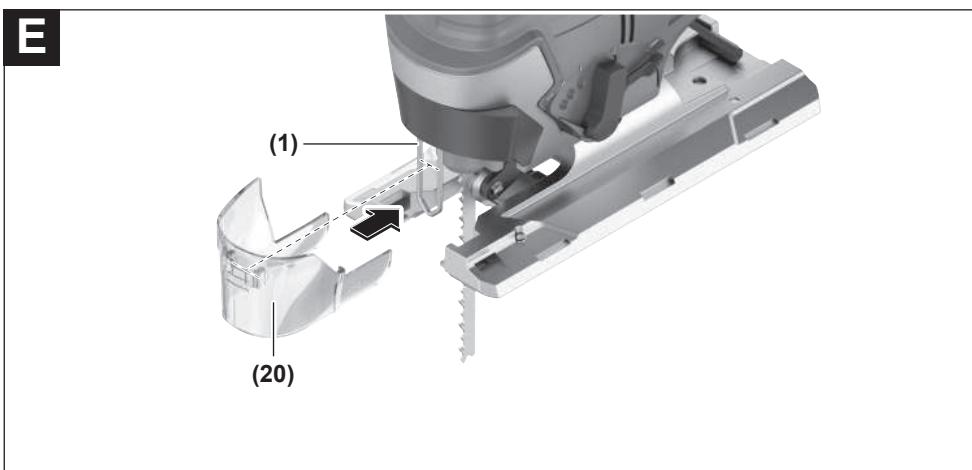
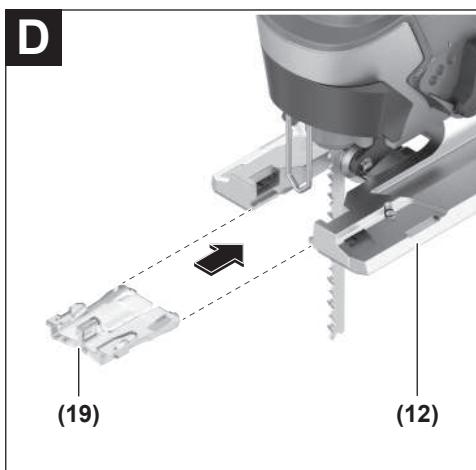
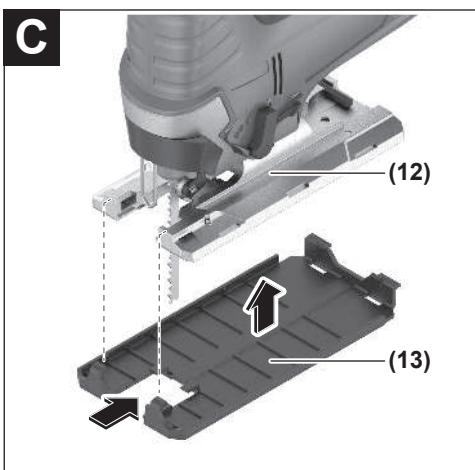
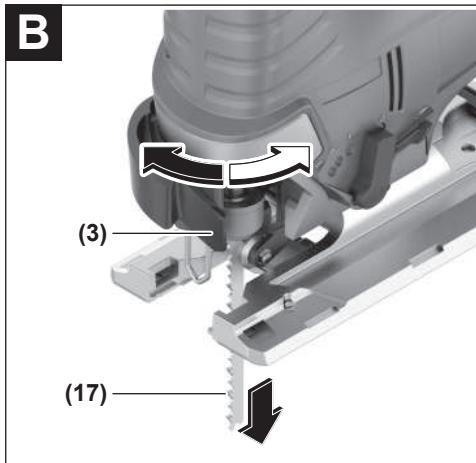
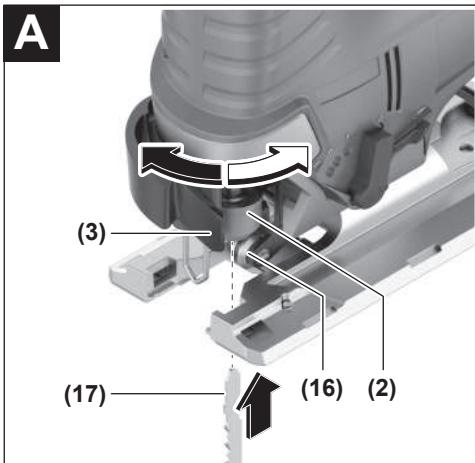
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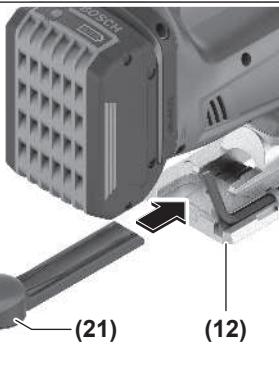


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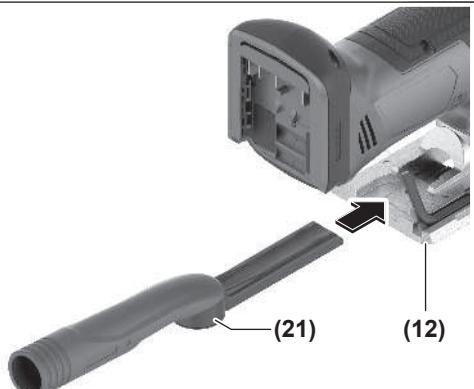


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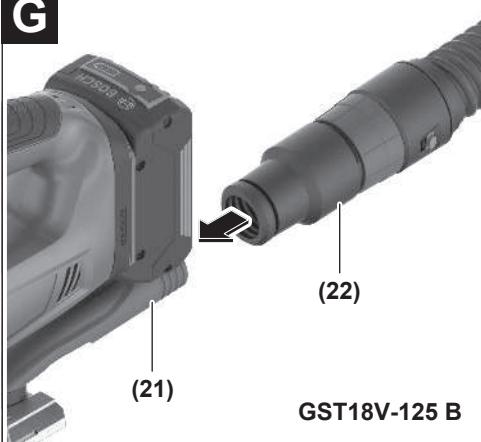


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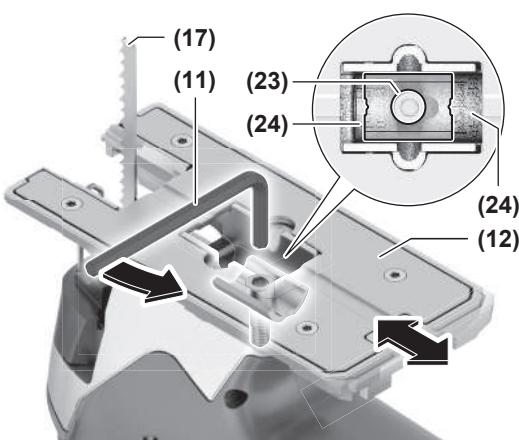
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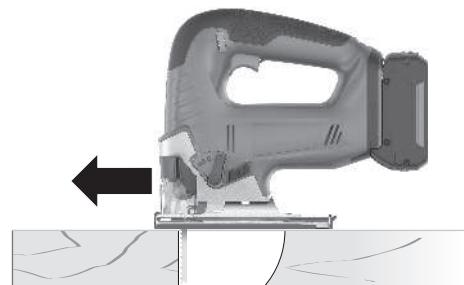
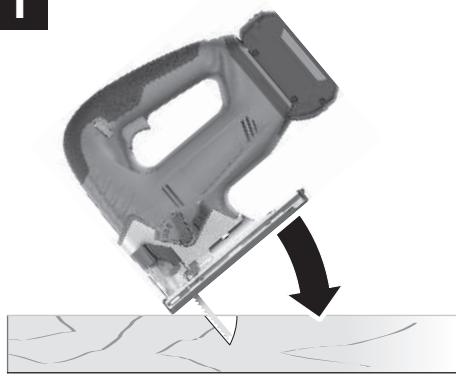
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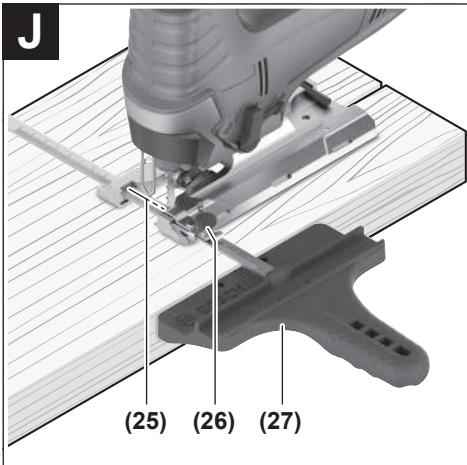
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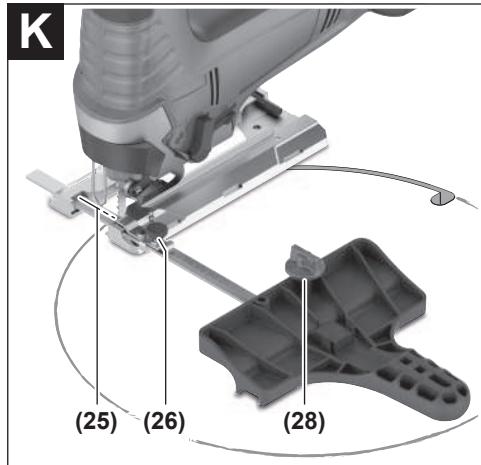
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English

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 jigsaws

- ▶ **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- ▶ **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.
- ▶ **Keep hands away from the sawing area. Do not reach under the workpiece.** Contact with the saw blade can lead to injuries.
- ▶ **Only bring the power tool into contact with the workpiece when switched on.** Otherwise there is danger of kickback if the cutting tool jams in the workpiece.
- ▶ **Ensure that the footplate always rests securely while sawing.** A jammed saw blade can break or lead to kickback.
- ▶ **When the cut is completed, switch off the power tool and then pull the saw blade out of the cut only after it**

has come to a standstill. In this manner you can avoid kickback and can place down the power tool securely.

- ▶ **Always wait until the power tool has come to a complete stop before placing it down.** The application tool can jam and cause you to lose control of the power tool.
- ▶ **Use only undamaged saw blades that are in perfect condition.** Bent or dull saw blades can break, negatively influence the cut, or lead to kickback.
- ▶ **Do not brake the saw blade to a stop by applying side pressure after switching off.** The saw blade can be damaged, break or cause kickback.
- ▶ **Only use the power tool with the base plate.** If you do not use the base plate, you are at risk of not being able to control the power tool.
- ▶ **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.
- ▶ **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 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 battery against heat, e.g. against continuous intense sunlight, fire, dirt, water and moisture. There is a risk of explosion and short-circuiting.

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 intended for making separating cuts and cut-outs in wood, plastic, metal, ceramic plates, rubber and laminate/HPL (High Pressure Laminate) while resting firmly on the workpiece. It is suitable for straight and curved cuts with mitre/bevel angles of up to 45°. The saw blade recommendations are to be observed.

Product Features

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

- (1) Shock protection guard
- (2) Saw blade receptacle
- (3) SDS lever for saw blade release
- (4) Worklight
- (5) Lock-off function for on/off switch
(GST 18V-125 B)
- (6) On/off switch
- (7) Stroke rate preselection thumbwheel
- (8) Rechargeable battery^{a)}
- (9) Rechargeable battery release button^{a)}
- (10) Handle (insulated gripping surface)
- (11) Hex key
- (12) Base plate
- (13) Glide shoe^{a)}

- (14) Sawdust blower device switch
- (15) Orbital action adjusting lever
- (16) Guide roller
- (17) Saw blade^{a)}
- (18) Worklight button **(GST 18V-125 S)**
- (19) Anti-splinter guard
- (20) Hood for dust extraction^{a)}
- (21) Extraction outlet^{a)}
- (22) Extraction hose^{a)}
- (23) Base plate screw
- (24) Scale for mitre/bevel angles
- (25) Guide for parallel guide^{a)}
- (26) Locking screw for parallel guide^{a)}
- (27) Parallel guide with circle cutter^{a)}
- (28) Circle cutter centring tip^{a)}

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

Technical Data

Cordless jigsaw		GST 18V-125 B	GST 18V-125 S
Article number		3 601 EB3 0..	3 601 EB2 0..
Rated voltage	V=	18	18
No-load stroke rate n_0	min ⁻¹	0–3500	500–3500
Stroke	mm	26	26
Max. cutting depth			
– In wood	mm	125	125
– In aluminium	mm	20	20
– In steel (unalloyed)	mm	10	10
Max. cutting angle (left/right)	°	45	45
Weight ^{a)}	kg	2.0	1.9
Recommended ambient temperature during charging	°C	0 to +35	0 to +35
Permitted ambient temperature during operation ^{B)} and during storage	°C	-20 to +50	-20 to +50
Compatible rechargeable batteries		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...	GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Recommended rechargeable batteries for maximum performance		GBA18V... ≥ 4.0 Ah GBA 18V... ≥ 4.0 Ah ProCORE18V... ≥ 4.0 Ah EXPERT18V...	GBA18V... ≥ 4.0 Ah GBA 18V... ≥ 4.0 Ah ProCORE18V... ≥ 4.0 Ah EXPERT18V...
Recommended battery chargers		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18...	GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18...

Cordless jigsaw**GST 18V-125 B****GST 18V-125 S**

GAX 18...

EXAL...

GAX 18...

EXAL18...

A) With dust extraction adapter, 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 62841-2-11**.**GST 18V-125 B:**

Typically, the A-weighted noise level of the power tool is:

Sound pressure level **87** dB(A); sound powerlevel **95** dB(A). Uncertainty K = **3** dB.**Wear hearing protection!****GST 18V-125 S:**

Typically, the A-weighted noise level of the power tool is:

Sound pressure level **84** dB(A); sound powerlevel **92** dB(A). Uncertainty K = **3** dB.**Wear hearing protection!****GST 18V-125 B/GST 18V-125 S:**Vibration values a_h (continuous vibrations), p_F (repeated shock vibrations) and uncertainty K determined according to **EN 62841-2-11**.**GST 18V-125 B:**Cutting boards with saw blade **T 144 D**: $a_{h,B} = 4.9 \text{ m/s}^2$ (K = **1.5** m/s²), $p_{F,B} = 169 \text{ m/s}^2$ (K = **2** m/s²)Cutting sheet metal with saw blade **T 118 A**: $a_{h,M} = 3.9 \text{ m/s}^2$ (K = **1.5** m/s²), $p_{F,M} = 166 \text{ m/s}^2$ (K = **16** m/s²)**GST 18V-125 S:**Cutting boards with saw blade **T 144 D**: $a_{h,B} = 7.4 \text{ m/s}^2$ (K = **1.6** m/s²), $p_{F,B} = 280 \text{ m/s}^2$ (K = **128** m/s²)Cutting sheet metal with saw blade **T 118 A**: $a_{h,M} = 7.4 \text{ m/s}^2$ (K = **1.5** m/s²), $p_{F,M} = 297 \text{ m/s}^2$ (K = **36** m/s²)**GST 18V-125 B/GST 18V-125 S:**

The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and may be used to compare power tools. They may 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 may differ. This may 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 may 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.

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 BatteryTo 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.

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

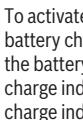
LED	Capacity
3× continuous green light	60–100 %
2× continuous green light	30–60 %
1× continuous green light	5–30 %
1× flashing green light	0–5 %

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.

Assembly

► **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.

Inserting/changing the saw blade

► **When fitting or changing the saw blade, wear protective gloves.** Blades are sharp and can become hot when used for prolonged periods of time.

Selecting the saw blade

You will find an overview of recommended saw blades at the end of these operating instructions. Only use saw blades with single lug shank (T shank). The saw blade should not be longer than required for the intended cut.

Use a narrow saw blade when sawing tight curves.

Inserting the saw blade (see figure A)

► **Clean the shaft on the saw blade before inserting it.** A dirty shaft cannot be securely fixed in place.

Press the SDS lever (3) forward to the stop and hold it down. Push the saw blade (17), with the teeth in the cutting direction, into the saw blade receptacle (2) until it clicks into place.

Make sure when inserting the saw blade that the back of the saw blade is in the groove on the guide roller (16).

► **Check that the saw blade is seated securely.** A loose saw blade can fall out and lead to injuries.

Removing the saw blade (see figure B)

Push the SDS lever (3) all the way forwards and remove the saw blade (17).

Glide shoe (see figure C)

When machining sensitive surfaces, you can place the glide shoe (13) on the base plate (12) in order to prevent the surface from being scratched.

To position the glide shoe (13), hook it to the front of the base plate (12), push it up at the back and allow it to click into place.

Anti-splinter guard (see figure D)

The anti-splinter guard (19) can prevent splintering of the surface while sawing wood. The anti-splinter guard can only be used with certain saw blade types and only at a cutting angle of 0°. When sawing with the anti-splinter guard, the base plate (12) must not be moved to the rear for sawing close to edges.

Slide the anti-splinter guard (19) into the base plate (12) from the front.

When using the glide shoe (13), the anti-splinter guard (19) is inserted into the glide shoe rather than the base plate (12).

Dust/Chip Extraction

Do not perform work without taking dust-reducing measures. Using a suitable dust extraction attachment will reduce exposure to harmful dust. Provide good ventilation at the workplace. Always use suitable breathing protection. Use a dust extraction system that is suitable for the material wherever possible. The regulations on the materials being machined that apply in the country of use must be observed.

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

Requirements for the Dust Extractor

Recommended hose nominal diameter	mm	35
Required vacuum pressure ^{A)}	mbar hPa	≥ 230 ≥ 230
Required flow rate ^{A)}	l/s m ³ /h	≥ 36 ≥ 129.6
Recommended filter efficiency	Dust class M ^{B)}	

A) Power value at the power tool's dust extractor connection
B) According to IEC/EN 60335-2-69

Refer to the dust extractor's instructions. If there is reduced suction power, stop working and eliminate the cause.

Hood (see figure E)

Fit the hood (20) before you connect the power tool to the dust extraction system.

Attach the hood (20) to the power tool so that the bracket locks into place on the safety guard (1).

Remove the hood (20) when working without a dust extraction system and for mitre/bevel cuts. To do this, pull the hood forwards off the safety guard (1).

Connecting the dust extraction (see figures F–G)

Fit the extraction outlet (21) in the recesses of the base plate (12).

Connect a dust extraction hose (22) to the extraction outlet (21). Connect the dust extraction hose (22) to a dust extractor (accessory).

You will find an overview of connecting to various dust extractors at the end of these operating instructions.

For optimum dust extraction, where possible use the anti-splinter guard (19).

Switch off the sawdust blower device when you have connected the dust extraction system.

The dust extractor must be suitable for the material being worked.

When extracting dry dust that is especially detrimental to health or carcinogenic, use a special dust extractor.

Operation

Operating modes

► **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.

Pendulum action settings

The pendulum action can be adjusted using four different settings, allowing the cutting speed, cutting capacity and the cut itself to be optimally adapted to the material that you want to cut.

You can also adjust the pendulum action during operation using the adjusting lever (15).

Level 0	No pendulum action
Level I	Low pendulum action
Level II	Moderate pendulum action
Level III	High pendulum action

The optimum pendulum level for each application can be determined by a practical test. Note the following recommendations:

- Select a lower pendulum level or switch off the pendulum action completely if you wish to produce a finer or cleaner cutting edge.
- Switch off the pendulum action when machining thin materials (e.g. sheets).
- Work on hard materials (e.g. steel) with low pendulum action.
- You can work on soft materials and saw wood using maximum pendulum action.

Adjusting the mitre/bevel angle (see figure H)

The base plate (12) can be swivelled to the right or left to make mitre cuts up to 45°.

The hood (20), the extraction outlet (21) and the anti-splinter guard (19) cannot be used while mitre/bevel cuts are being made.

- Push the extraction outlet (21) downwards slightly and pull it out of the base plate (12).
- Remove the hood (20) and the anti-splinter guard (19).
- Loosen the screw (23) with the hex key (11) and slide the base plate (12) slightly towards the rechargeable battery.
- To adjust mitre/bevel angles, swivel the base plate (12) to the required position according to the scale (24). Other mitre/bevel angles can be adjusted using a protractor.
- Then push the base plate (12) towards the saw blade (17) as far as it will go.
- Retighten the screw (23).

Moving the base plate (see figure H)

You can move the base plate (12) back for sawing close to edges.

Loosen the screw of the base plate (23) with the hex key (11) and slide the base plate (12) all the way towards the battery (8).

Retighten the screw (23).

Sawing with an offset base plate (12) is only possible with a mitre/bevel angle of 0°. In addition, the parallel guide with circle cutter (27) as well as the anti-splinter guard (19) must not be used.

Sawdust blower device

The cutting line can be kept clear of chips using the airflow from the sawdust blower device.

 To switch on the sawdust blower device: When working with high material removal in wood, plastic and other similar materials, push the switch (14) towards the extraction outlet.

 To switch off the sawdust blower device: When working in metal and with a dust extraction system connected, push the switch (14) towards the saw blade.

Starting Operation

Switching On and Off (GST 18V-125 B)

To **switch on** the power tool, press the lock-off button (5) next to the symbol  first, thereby deactivating it. Then press the on/off switch (6) and keep it pressed.

The worklight lights up when the on/off switch (6) is lightly or fully pressed allowing the work area to be illuminated in poor lighting conditions.

► **Do not look directly into the worklight; it can blind you.**

To **switch off** the power tool, release the on/off switch (6). Activate the lock-off button (5) by pressing the lock-off button next to the symbol .

Switching On and Off (GST 18V-125 S)

► **Make sure that you are able to press the On/Off switch without releasing the handle.**

To **switch on** the power tool, slide the on/off switch (6) forwards so that "I" appears at the switch.

To **switch off** the power tool, slide the on/off switch (6) backwards so that "O" appears at the switch.

Switching On the Worklight (GST 18V-125 S)

To switch the worklight (4) on or off, press the worklight button (18).

► **Do not look directly into the worklight; it can blind you.**

Controlling/preselecting the stroke rate (GST 18V-125 B)

You can variably adjust the stroke rate of the power tool when it is on by pressing in the on/off switch (6) to varying extents.

Applying light pressure to the on/off switch (6) results in a low stroke rate. Applying increasing pressure to the switch increases the stroke rate.

You can preselect the stroke rate and change it during operation using the stroke rate preselection thumbwheel (7).

The required stroke rate depends on the material and the working conditions and can be ascertained through practical tests.

A reduction in the stroke rate is recommended:

- When positioning the saw blade on the workpiece in order to be able to position the saw blade more precisely,
- When sawing plastic and aluminium to prevent the material from melting.

During prolonged periods of use at a low stroke rate, the power tool may heat up significantly. Remove the saw blade and let the power tool run at the maximum stroke rate for around three minutes to cool down.

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Temperature-dependent overload protection

In normal conditions of use, the power tool cannot be overloaded. If the power tool is overloaded or not kept within the permitted battery temperature range, the speed is reduced or the power tool switches off. At reduced speed, the power tool will run again at full speed once the permitted battery temperature is reached or the load is reduced. If it automatically shuts down, switch the power tool off, allow the battery to cool down, then switch the power tool back on.

Working Advice

- **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.
- **Switch the power tool off immediately if the saw blade becomes blocked.**
- **Always use a sturdy support when working on small or thin workpieces.**

Before sawing into wood, chipboard, building materials, etc., check for and remove any foreign objects such as nails, screws, etc.

Jigsaws are primarily designed for curved cuts. The range of products from **Bosch** also includes accessories which enable straight cuts or circular cuts (depending on the jigsaw model, e.g. parallel guide, guide rail or circle cutter).

Hand-held jigsaws generally tend to go off at an angle, i.e. under certain circumstances the angle and cutting accuracy can no longer be ensured. Decisive influencing factors on the accuracy are the saw blade thickness, cutting length and the material thickness and strength of the workpiece.

Therefore, always check using test cuts whether the cutting result of the selected system meets the requirements of your application.

Plunge cutting (see figure I)

- **Plunge cuts may only be applied to soft materials, such as wood, gypsum board, etc.**

For plunge cutting, use only short saw blades. Plunge cutting is possible only with a mitre angle of 0°.

Place the power tool so that the front edge of the base plate (**12**) rests on the workpiece, without the saw blade (**17**) touching the workpiece, and switch it on. On power tools with stroke rate control, select the maximum stroke rate. Press the power tool firmly against the workpiece and allow the saw blade to plunge slowly into the workpiece.

As soon as the base plate (**12**) rests fully on the workpiece, continue sawing along the required cutting line.

Parallel guide with circle cutter

When working with the parallel guide with circle cutter (**27**), the workpiece must be no more than 30 mm thick.

Parallel cuts (see figure **J**): Loosen the locking screw (**26**) and slide the scale on the parallel guide through the guide (**25**) in the base plate. Adjust the desired cutting width as a scale value on the inside edge of the base plate. Retighten the locking screw (**26**).

Circular cuts (see figure **K**): Drill a hole large enough to push the saw blade through on the cutting line within the circle to be cut. Machine the drill hole with a router or file so that the saw blade can lie flush with the cutting line.

Position the locking screw (**26**) on the other side of the parallel guide. Slide the scale on the parallel guide through the guide (**25**) into the base plate. Drill a hole in the workpiece in the middle of the section to be cut out. Insert the centring tip (**28**) through the inner opening of the parallel guide and into the drilled hole. Adjust the radius as a scale value on the inside edge of the base plate. Retighten the locking screw (**26**).

Coolant/lubricant

As the material heats up along the cutting line when cutting metal, you should apply coolant or lubricant.

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.**

Clean the saw blade receptacle regularly. For this, remove the saw blade from the power tool and lightly tap out the power tool on a level surface.

If the power tool becomes very dirty, this can lead to serious faults. For this reason, do not cut materials which generate large quantities of dust from below or overhead.

If the dust outlet becomes blocked, switch off the power tool, disconnect the dust extraction system and remove the dust and chips.

Apply a drop of oil to the guide roller (**16**) from time to time. Check the guide roller (**16**) regularly. If worn, it must be replaced through an authorised **Bosch** after-sales service centre.

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

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:

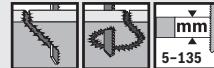
Electrical and electronic equipment or used batteries that are no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems. Incorrect disposal may cause harmful effects on the environment and human health, due to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



for wood

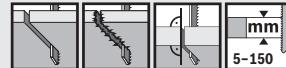
speed  **Wood**

T 144 D, ...



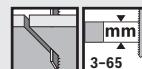
precision  **Wood**

T 308 BP, ...



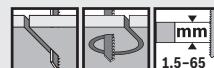
progressor  **Wood**

T 234 X, ...



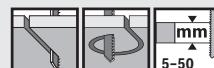
clean  **Wood**

T 101 A0, ...



extra-clean  **Wood**

T 308 B, ...





for hardwood

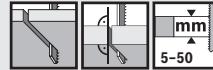
speed  **HardWood**

T 144 DF, ...



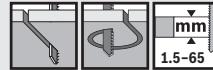
precision  **HardWood**

T 308 BFP, ...



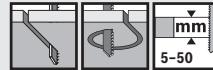
clean  **HardWood**

T 101 AOF, ...



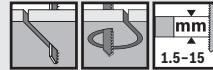
extra-clean  **HardWood**

T 308 BF, ...



special  **Laminate**

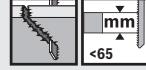
T 101 AOF, ...



for wood and metal

progressor  **Wood+Metal**

T 345 XF, ...

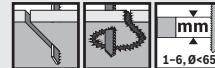




for metal

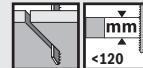
flexible  **Metal**

T 118 AF, ...



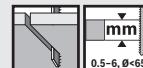
flexible  **Metal Sandwich**

T 718 BF, ...



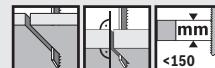
speed  **Metal**

T 121 GF, ...



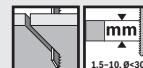
precision  **Metal Sandwich**

T 1018 AFP, ...



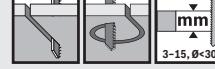
progressor  **Metal**

T 123 XF, ...



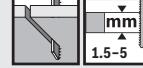
special  **Alu**

T 127 D, ...



endurance  **StainlessSteel**

T 118 AHM, ...

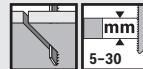




for plastics

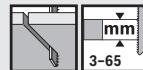
clean **PP**

T 102 D, ...



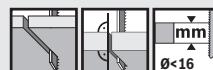
clean **PVC**

T 102 H, ...



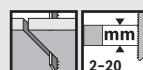
precision **PVC**

T 1044 HP, ...



clean **PMMA**

T 102 BF, ...



clean **PC**

T 101 A, ...



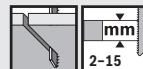
clean **CarbonFiber**

T 108 BHM, ...



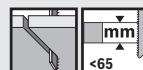
clean **HPL**

T 128 BHM, ...



clean **PlasticComposites**

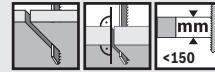
T 301 CHM, ...



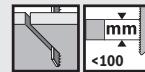


for special materials

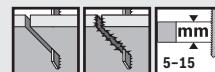
precision  **SoftMaterial T 1013 AWP, ...**



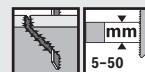
special  **SoftMaterial T 113 A, ...**

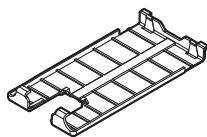


special  **Ceramic T 130 RF, ...**



endurance  **FiberPlaster T 141 HM, ...**





1 619 P16 710



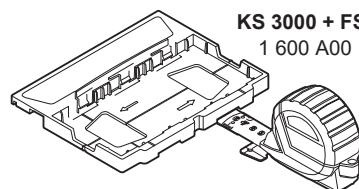
2 601 016 096



1 619 P07 166



1 619 P17 472

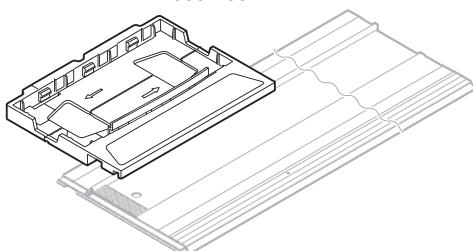


KS 3000 + FSN SA

1 600 A00 1FT



2 608 040 289



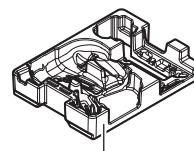
FSN SA

1 600 A00 1FS

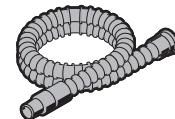
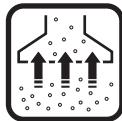


L-BOXX 136

1 600 A01 2G0



1 600 A02 HB7



Ø 28 mm:
2 608 000 772 (3.2 m)



GAS 18V-12 MC



Ø 28 mm:
2 608 000 885 (4 m)



GAS 12-40 MA



GAS 35 M AFC



Ø 22 mm:
2 608 000 567 (5 m)
Ø 35 mm:
2 608 000 565 (5 m)



GAS 55 M AFC



Ø 22 mm:
2 608 000 568 (5 m)
Ø 35 mm:
2 608 000 566 (5 m)

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