

GWS Professional

710 | 750-100 | 750-100 S | 750-100 II | 750-115 | 750-115 S | 750-125 | 750-125 S



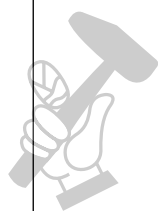
BOSCH

- en Original instructions
- zh 正本使用说明书
- zh 原始使用說明書
- ko 사용 설명서 원본
- th หนังสือนคู่มือการใช้งานฉบับ
ต้นแบบ
- id Petunjuk-Petunjuk untuk Penggun-
aan Orisinal
- vi Bản gốc hướng dẫn sử dụng
- fr Notice originale
- ar دليل التشغيل الأصلي
- fa دفترچه راهنمای اصلی

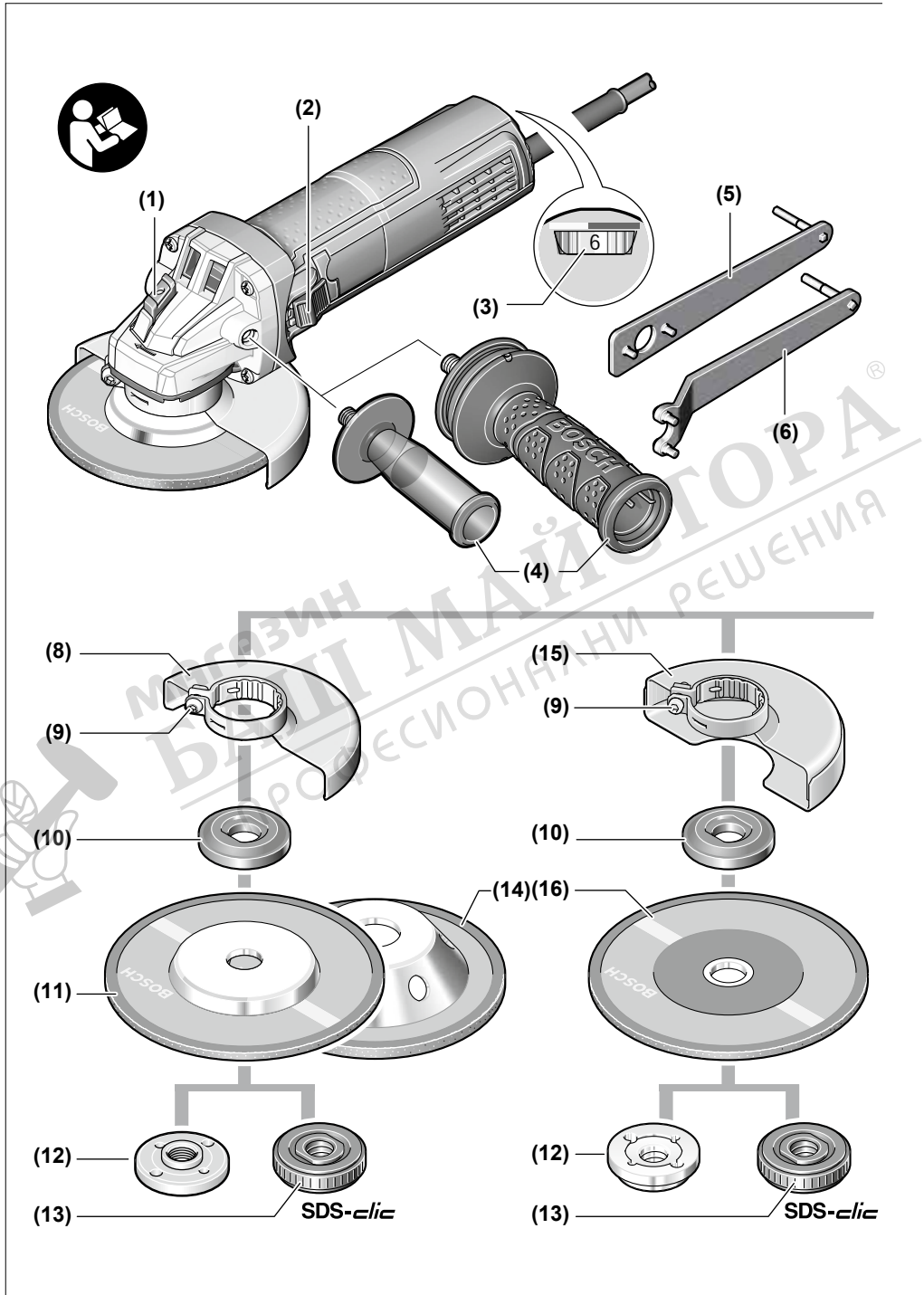
English	Page	6
中文	页	16
繁體中文	頁	23
한국어	페이지	31
ไทย	หน้า	39
Bahasa Indonesia	Halaman	49
Tiếng Việt	Trang	59
Français	Page	68
عربي	الصفحة	79
آفارسى	صفحه	89

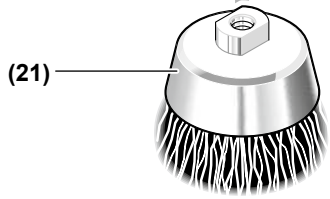
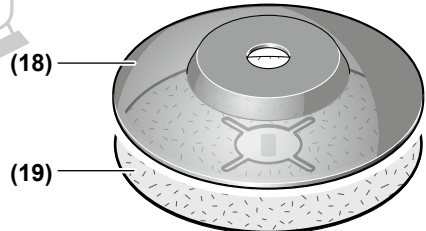
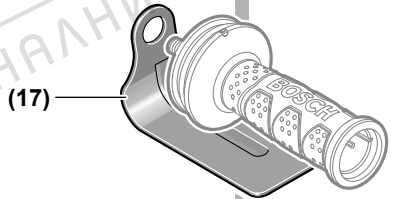
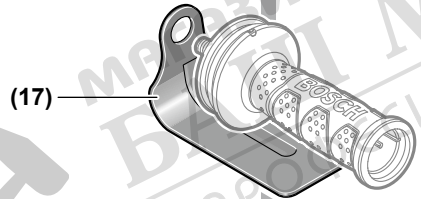
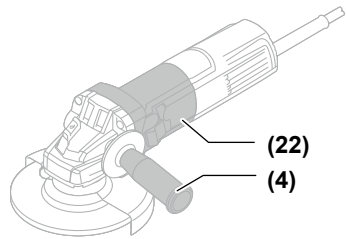
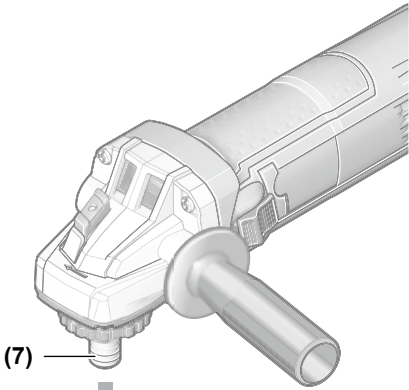


МАГАЗИН
БАШ МАЙСТОРА[®]
 ПРОФЕСИОНАЛНИ РЕШЕНИЯ



МАГАЗИН
БАШ МАЙСТОРА[®]
ПРОФЕССИОНАЛНИ РЕШЕНИЯ





GWS 750-... S

English

Safety instructions

General Power Tool Safety Warnings

⚠ WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

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

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

- ▶ **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- ▶ **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- ▶ **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- ▶ **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- ▶ **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock..
- ▶ **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

Personal safety

- ▶ **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.

- ▶ **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- ▶ **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- ▶ **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- ▶ **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- ▶ **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- ▶ **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

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 the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ▶ **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. 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 per-**

formed. Use of the power tool for operations different from those intended could result in a hazardous situation.

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.

Safety information for the angle grinder

Safety Warnings common for Grinding, Sanding, Wire Brushing or Abrasive Cutting Off operations

- ▶ **This power tool is intended to function as a grinder, sander, wire brush or cut-off tool. Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.
- ▶ **Operations such as polishing are not recommended to be performed with this power tool.** Operations for which the power tool was not designed may create a hazard and cause personal injury.
- ▶ **Do not use accessories which are not specifically designed and recommended by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.
- ▶ **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** Accessories running faster than their rated speed can break and fly apart.
- ▶ **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately guarded or controlled.
- ▶ **Threaded mounting of accessories must match the grinder spindle thread. For accessories mounted by flanges, the arbour hole of the accessory must fit the locating diameter of the flange.** Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.
- ▶ **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no load speed for one minute.** Damaged accessories will normally break apart during this test time.
- ▶ **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments.** The eye protection must be capable of stopping flying debris gen-

erated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.

- ▶ **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment.** Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.
- ▶ **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- ▶ **Position the cord clear of the spinning accessory.** If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.
- ▶ **Never lay the power tool down until the accessory has come to a complete stop.** The spinning accessory may grab the surface and pull the power tool out of your control.
- ▶ **Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- ▶ **Regularly clean the power tool's air vents.** The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- ▶ **Do not operate the power tool near flammable materials.** Sparks could ignite these materials.
- ▶ **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock.

Kickback and Related Warnings

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

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

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

- ▶ **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction**

during start-up. The operator can control torque reactions or kickback forces, if proper precautions are taken.

- ▶ **Never place your hand near the rotating accessory.** Accessory may kickback over your hand.
- ▶ **Do not position your body in the area where power tool will move if kickback occurs.** Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.
- ▶ **Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory.** Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.
- ▶ **Do not attach a saw chain woodcarving blade or toothed saw blade.** Such blades create frequent kickback and loss of control.

Safety Warnings specific for Grinding and Abrasive Cutting-Off operations

- ▶ **Use only wheel types that are recommended for your power tool and the specific guard designed for the selected wheel.** Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.
- ▶ **The grinding surface of centre depressed wheels must be mounted below the plane of the guard lip.** An improperly mounted wheel that projects through the plane of the guard lip cannot be adequately protected.
- ▶ **The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator.** The guard helps to protect operator from broken wheel fragments, accidental contact with wheel and sparks that could ignite clothing.
- ▶ **Wheels must be used only for recommended applications. For example: do not grind with the side of cut-off wheel.** Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.
- ▶ **Always use undamaged wheel flanges that are of correct size and shape for your selected wheel.** Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.
- ▶ **Do not use worn down wheels from larger power tools.** Wheel intended for larger power tool is not suitable for the higher speed of a smaller tool and may burst.

Additional Safety Warnings specific for Abrasive Cutting Off operations

- ▶ **Do not "jam" the cut-off wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut.** Overstressing the wheel increases the loading and susceptibility to twisting or binding of the wheel in the cut and the possibility of kickback or wheel breakage.
- ▶ **Do not position your body in line with and behind the rotating wheel.** When the wheel, at the point of operation, is moving away from your body, the possible kick-

back may propel the spinning wheel and the power tool directly at you.

- ▶ **When wheel is binding or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur.** Investigate and take corrective action to eliminate the cause of wheel binding.
- ▶ **Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully re-enter the cut.** The wheel may bind, walk up or kickback if the power tool is restarted in the workpiece.
- ▶ **Support panels or any oversized workpiece to minimize the risk of wheel pinching and kickback.** Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the wheel.
- ▶ **Use extra caution when making a "pocket cut" into existing walls or other blind areas.** The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.

Safety Warnings specific for Sanding operations

- ▶ **Do not use excessively oversized sanding disc paper. Follow manufacturers recommendations, when selecting sanding paper.** Larger sanding paper extending beyond the sanding pad presents a laceration hazard and may cause snagging, tearing of the disc, or kickback.

Safety Warnings specific for Wire Brushing operations

- ▶ **Be aware that wire bristles are thrown by the brush even during ordinary operation. Do not overstress the wires by applying excessive load to the brush.** The wire bristles can easily penetrate light clothing and/or skin.
- ▶ **If the use of a guard is recommended for wire brushing, do not allow any interference of the wire wheel or brush with the guard.** Wire wheel or brush may expand in diameter due to work load and centrifugal forces.

Additional safety information



Wear safety goggles.

- ▶ **Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance.** Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage or may cause an electric shock.
- ▶ **Do not touch grinding and cutting discs until they have cooled down.** The discs can become very hot while working.
- ▶ **Release the On/Off switch and set it to the off position when the power supply is interrupted, e. g., in case of**

a power failure or when the mains plug is pulled. This prevents uncontrolled restarting.

Products sold in GB only:

Your product is fitted with an BS 1363/A approved electric plug with internal fuse (ASTA approved to BS 1362).

If the plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place by an authorised customer service agent. The replacement plug should have the same fuse rating as the original plug.

The severed plug must be disposed of to avoid a possible shock hazard and should never be inserted into a mains socket elsewhere.

- ▶ **Secure the workpiece.** A workpiece clamped with clamping devices or in a vice is held more secure than by hand.

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 cutting, roughing and brushing metal and stone materials without the use of water.

A special protective guard for cutting must be used when cutting bonded abrasives.

Sufficient dust extraction must be provided when cutting stone.

With approved abrasive tools, the power tool can be used for sanding with sanding discs.

Technical Data

Angle grinder		GWS 710	GWS 750-100	GWS 750-115	GWS 750-125
Article number		3 601 C94 0..	3 601 C94 0..	3 601 C94 0..	3 601 C94 0..
Rated power input	W	750	750	750	750
Power output	W	380	380	380	380
Rated speed	rpm	11,000	11,000	11,000	11,000
Speed adjustment range	rpm	-	-	-	-
Max. grinding disc diameter	mm	125	100	115	125
Grinding spindle thread		M14	M10	M14	M14
Max. thread length of grinding spindle	mm	22	22	22	22
Speed preselection		-	-	-	-
Kickback stop		-	-	-	-
Restart protection		-	-	-	-
Starting current limitation		-	-	-	-

Weight according to EPTA-Procedure 01:2014

Product Features

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

- (1) Spindle lock button
- (2) On/off switch
- (3) Speed preselection thumbwheel (GWS 750-100 S/GWS 750-115 S/GWS 750-125 S)
- (4) Auxiliary handle (insulated gripping surface)
- (5) Combination wrench for grinding spindle M14^{A)}
- (6) Combination wrench for grinding spindle M10^{A)}
- (7) Grinding spindle
- (8) Protective guard for grinding
- (9) Locking screw for protective guard
- (10) Mounting flange with O-ring
- (11) Grinding disc^{A)}
- (12) Clamping nut
- (13) Quick-clamping nut **SDS-*clix***^{A)}
- (14) Carbide grinding head^{A)}
- (15) Protective guard for cutting^{A)}
- (16) Cutting disc^{A)}
- (17) Hand guard^{A)}
- (18) Rubber sanding pad^{A)}
- (19) Abrasive disc^{A)}
- (20) Round nut^{A)}
- (21) Cup brush^{A)}
- (22) Handle (insulated gripping surface)

^{A)} **Accessories shown or described are not included with the product as standard. You can find the complete selection of accessories in our accessories range.**

Angle grinder		GWS 710	GWS 750-100	GWS 750-115	GWS 750-125
– with additional low-vibration auxiliary handle	kg	1.9	1.9	1.9	1.9
– with standard auxiliary handle	kg	1.8	1.8	1.8	1.8
Protection class		□/II	□/II	□/II	□/II

The specifications apply to a rated voltage [U] of 230 V. These specifications may vary at different voltages and in country-specific models.

Angle grinder		GWS 750-100 S	GWS 750-115 S	GWS 750-125 S	GWS 750-100 I
Article number		3 601 C94 1..	3 601 C94 1..	3 601 C94 1..	3 601 C94 2..
Rated power input	W	750	750	750	750
Power output	W	380	380	380	410
Rated speed	rpm	11,000	11,000	11,000	11,000
Speed adjustment range	rpm	2800–11,000	2800–11,000	2800–11,000	–
Max. grinding disc diameter	mm	100	115	125	100
Grinding spindle thread		M10	M14	M14	M10
Max. thread length of grinding spindle	mm	22	22	22	22
Speed preselection		●	●	●	–
Kickback stop		–	–	–	●
Restart protection		●	●	●	●
Starting current limitation		●	●	●	●
Weight according to EPTA-Procedure 01:2014					
– with additional low-vibration auxiliary handle	kg	1.9	1.9	1.9	1.9
– with standard auxiliary handle	kg	1.8	1.8	1.8	1.8
Protection class		□/II	□/II	□/II	□/II

The specifications apply to a rated voltage [U] of 230 V. These specifications may vary at different voltages and in country-specific models.

Fitting

Fitting protective equipment

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**

Note: If the grinding disc breaks during operation or the holding fixtures on the protective guard/power tool become damaged, the power tool must be sent to the after-sales service immediately; see the "After-sales service and advice on using products" section for addresses.

Protective guard for grinding

Place the protective guard (8) on the spindle collar. Adjust the position of the protective guard (8) to meet the requirements of the operation. Lock the protective guard (8) by tightening the locking screw (9) using the combination wrench (5)/(6).

- ▶ **Adjust the protective guard (8) such that sparking in the direction of the operator is prevented.**

Note: The coding cams on the protective guard (8) ensure that only a protective guard that is suitable for the power tool can be fitted.

Protective guard for cutting

- ▶ **Always use the protective guard for cutting (15) when cutting bonded abrasives.**
- ▶ **Provide sufficient dust extraction when cutting stone.**

The protective guard for cutting (15) is fitted in the same way as the protective guard for grinding (8).

Side handle

- ▶ **Do not operate your power tool without the side handle (4).**

Screw the side handle (4) on the left or right of the machine head depending on how you are working.

Hand guard

- ▶ **Always fit the hand guard (17) when working with the rubber sanding pad (18) or with the cup brush/disc brush/flap disc.**

Attach the hand guard (17) to the side handle (4).

Fitting the abrasive tools

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**

- ▶ **Do not touch grinding and cutting discs until they have cooled down.** The discs can become very hot while working.

Clean the grinding spindle (7) and all the parts to be fitted. Lock the grinding spindle with the spindle lock button (1) before clamping and releasing the abrasive tools.

- ▶ **Do not press the spindle lock button while the grinding spindle is moving.** The power tool may become damaged if you do this.

Grinding/cutting disc

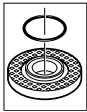
Pay attention to the dimensions of the abrasive tools. The diameter of the hole must match that of the mounting flange. Do not use an adapter or reducer.

When using diamond cutting discs, ensure that the arrow indicating the direction of rotation on the diamond cutting disc matches the direction of rotation of the power tool (see the direction of rotation arrow on the machine head).

See the graphics page for fitting instructions.

To fasten the grinding/cutting disc, screw on the clamping nut (12) and tighten it with the combination wrench (5)/(6); see the "Quick-clamping nut" section.

- ▶ **After fitting the abrasive tool, check that the abrasive tool is fitted correctly and can turn freely before switching on the power tool. Make sure that the abrasive tool does not brush against the protective guard or other parts.**



Mounting flange for grinding spindle M 14: A plastic part (O-ring) is fitted around the centring collar in the mounting flange (10). If the O-ring is missing or damaged, the mounting flange (10) must be replaced before operation

can resume.

Mounting flange for grinding spindle M 10: The mounting flange can be used on either side.

Flap disc

- ▶ **Always fit the hand guard (17) when working with the flap disc.**

Rubber sanding pad

- ▶ **Always fit the hand guard (17) when working with the rubber sanding pad (18).**

See the graphics page for fitting instructions.

Screw on the round nut (20) and tighten it with the combination wrench (5)/(6).

Cup brush/disc brush

- ▶ **Always fit the hand guard (17) when working with the cup brush or disc brush.**

See the graphics page for fitting instructions.

The cup brush/disc brush must be screwed onto the grinding spindle until it rests firmly against the grinding spindle flange at the end of the grinding spindle thread. Tighten the cup brush/disc brush with an open-ended spanner.

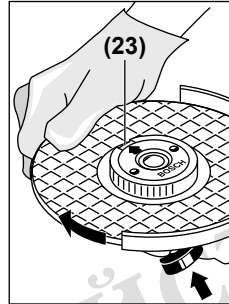
Quick-clamping nut SDS-*clic*

To change the abrasive tool easily without having to use any additional tools, you can use the quick-clamping nut (13) instead of the clamping nut (12).

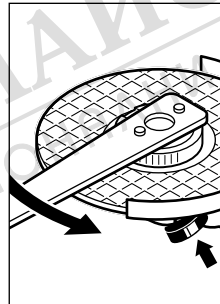
- ▶ **The quick-clamping nut (13) may be used only for grinding or cutting discs.**

Only use quick-clamping nuts (13) that are in good working order and not damaged.

When screwing on, make sure that the printed side of the quick-clamping nut (13) is not facing the grinding disc; the arrow must be pointing towards the index mark (23).



Press the spindle lock button (1) to lock the grinding spindle. To tighten the quick-clamping nut, turn the grinding disc firmly clockwise.

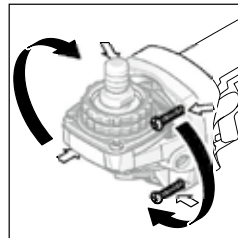


If the quick-clamping nut has been attached correctly and is not damaged, you can loosen it by hand by turning the knurled ring anticlockwise. **Never loosen a tight quick-clamping nut with pliers. Always use the combination wrench.** Insert the combination wrench as shown in the figure.

Rotating the machine

head

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**



The machine head can be rotated in 90° increments. In this way, the on/off switch can be brought into a more favourable handling position for particular applications, e.g. for left-handed tool users.

Completely unscrew the four screws. Rotate the machine head carefully,






without removing it from the housing, into the new position. Screw in and retighten the four screws.

Approved abrasive tools

You can use all the abrasive tools mentioned in these operating instructions.

The permissible speed [rpm] or the circumferential speed [m/s] of the abrasive tools used must at least match the values given in the table.

It is therefore important to observe the permissible **rotational/circumferential speed** on the label of the abrasive tool.

	max. [mm]	[mm]		
	D	b	d	[rpm] [m/s]
	100	7	16.0	11,000 80
	115	7	22.2	11,000 80
	125	7	22.2	11,000 80
	100	–	–	11,000 80
	115	–	–	11,000 80
	125	–	–	11,000 80
	70	30	M 10	11,000 45
	75	30	M 14	11,000 45

Dust/chip extraction

The dust from materials such as lead paint, some types of wood, minerals and metal can be harmful to human health. Touching or breathing in this dust can trigger allergic reactions and/or cause respiratory illnesses in the user or in people in the near vicinity.

Certain dusts, such as oak or beech dust, are classified as carcinogenic, especially in conjunction with wood treatment additives (chromate, wood preservative). Materials containing asbestos may only be machined by specialists.

- Use a dust extraction system that is suitable for the material wherever possible.
- Provide good ventilation at the workplace.
- It is advisable to wear a P2 filter class breathing mask.

The regulations on the material being machined that apply in the country of use must be observed.

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

Operation

Start-up

- ▶ **Pay attention to the mains voltage. The voltage of the power source must match the voltage specified on the rating plate of the power tool. Power tools marked with 230 V can also be operated with 220 V.**
- ▶ **Hold the tool by the insulated gripping surfaces and auxiliary handle only. The application tool could come**

into contact with hidden wiring or its own cord. Contact with live wires may make metal parts of the tool live, posing a risk of electric shock.

When operating the power tool using a mobile generator that does not have sufficient reserve capacity or an adequate voltage control system with inrush current boost converter, loss of performance or atypical behaviour may occur upon switch-on.

Please check the suitability of the power generator you are using, particularly with regard to the mains voltage and frequency.

- ▶ **Products that are only sold in AUS and NZ:** Use a residual current device (RCD) with a nominal residual current of 30 mA or less.

Switching on/off

To **start** the power tool, push the on/off switch **(2)** forward.

To **lock** the on/off switch **(2)** in position, push the on/off switch **(2)** forward and down until it clicks into place.

To **switch off** the power tool, release the on/off switch **(2)**; or, if the switch is locked, briefly push the on/off switch **(2)** backward and down and then release it.

- ▶ **Always check abrasive tools before using them. The abrasive tool must be fitted properly and be able to move freely. Carry out a test run for at least one minute with no load. Do not use abrasive tools that are damaged, run untrue or vibrate during use.** Damaged abrasive tools can burst apart and cause injuries.

Kickback stop (GWS 750-100 I)



If there is a sudden drop in the speed of the power tool, e.g. jamming in a separating cut, the power supply to the motor will be interrupted electronically.

To **restart** the tool, set the on/off switch **(2)** to the "off" position and then switch the power tool on again.

Restart protection (GWS 750-100 S/GWS 750-115 S/GWS 750-125 S/GWS 750-100 I)

The restart protection prevents an uncontrolled start-up of the power tool after an interruption in the power supply.

To **restart** the tool, set the on/off switch **(2)** to the "off" position and then switch the power tool on again.

Starting current limitation (GWS 750-100 S/GWS 750-115 S/GWS 750-125 S/GWS 750-100 I)

The electronic starting current limitation restricts the power consumption when the power tool is switched on and enables operation with a 16 A fuse.

Speed preselection (GWS 750-100 S/GWS 750-115 S/GWS 750-125 S)

You can preselect the required speed using the speed preselection thumbwheel **(3)**, even during operation. The information in the table below describes the recommended values.

Material	Application	Application tool	Thumbwheel position
Metal	Removing paint	Abrasive disc	2-3
Wood, metal	Brushing, removing rust	Cup brush, abrasive disc	3
Metal, stone	Grinding	Grinding disc	4-6
Metal	Rough grinding	Grinding disc	6
Metal	Cutting	Cutting disc	6

The values specified for speed levels are guide values.

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

Working advice

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**
- ▶ **Exercise caution when cutting slots in structural walls; see the "Information on structures" section.**
- ▶ **Clamp the workpiece if it is not secure under its own weight.**
- ▶ **Do not load the power tool so heavily that it comes to a stop.**
- ▶ **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.**
- ▶ **Do not touch grinding and cutting discs until they have cooled down.** The discs can become very hot while working.

Rough grinding

- ▶ **Never use cutting discs for rough grinding.**

The best rough grinding results are achieved with a set angle of 30° to 40°. Move the power tool back and forth with moderate pressure. This will ensure that the workpiece does not become too hot or discoloured and that grooves are not formed.

Flap Disc

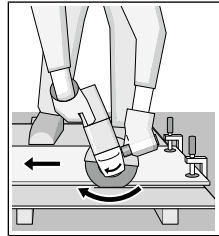
With the flap disc (accessory), curved surfaces and profiles can be worked. Flap discs have a considerably higher service life, lower noise levels and lower sanding temperatures than conventional sanding sheets.

Cutting Metal

- ▶ **Always use the protective guard for cutting (15) when cutting bonded abrasives.**

When carrying out abrasive cutting, use a moderate feed that is suited to the material being machined. Do not exert pressure on the cutting disc and do not tilt or swing the power tool.

Do not attempt to reduce the speed of a cutting disc coming to a stop by applying pressure from the side.



The power tool must always work in an up-grinding motion. Otherwise, there is a risk that it will be pushed **uncontrolled** out of the cut. For best results when cutting profiles and rectangular tubing, start at the smallest cross section.

Cutting stone

- ▶ **Provide sufficient dust extraction when cutting stone.**
- ▶ **Wear a dust mask.**
- ▶ **The power tool may be used only for dry cutting/grinding.**

For best results when cutting stone, use a diamond cutting disc.

When cutting especially hard materials such as concrete with a high pebble content, the diamond cutting disc can overheat and become damaged as a result. This is clearly indicated by circular sparking, rotating with the diamond cutting disc.

If this happens, stop cutting and allow the diamond cutting disc to cool down by running the power tool for a short time at maximum speed with no load.

Working noticeably slower and with circular sparking indicate that the diamond cutting disc that has become dull. You can resharpen the disc by briefly cutting into abrasive material (e.g. lime-sand brick).

Information on structural design

Slots in load-bearing walls are subject to DIN 1053 part 1 or country-specific regulations. These regulations must be observed under all circumstances. Seek advice from the responsible structural engineer, architect or construction supervisor before starting work.

Maintenance and Servicing

Maintenance and cleaning

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**
- ▶ **To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.**
- ▶ **In extreme conditions, always use a dust extractor if possible. Blow out ventilation slots frequently and install a residual current device (RCD) upstream.** When

machining metals, conductive dust can settle inside the power tool, which can affect its protective insulation. Store and handle the accessories carefully.

In order to avoid safety hazards, if the power supply cord needs to be replaced, this must be done by Bosch or by a customer service centre that is authorised to repair Bosch power tools.

After-sales Service and Advice on Using Products

Our after-sales service can answer questions concerning product maintenance and repair, as well as spare parts. You can find exploded drawings and information on spare parts at: www.bosch-pt.com

The Bosch product use advice team will be happy to help you with any questions about our products and their accessories.

www.powertool-portal.de, the internet portal for tradespeople and DIY enthusiasts.

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

Cambodia

Robert Bosch (Cambodia) Co., Ltd
Unit 8BC, GT Tower, 08th Floor, Street 169,
Czechoslovakia Blvd, Sangkat Veal Vong
Khan 7 Makara, Phnom Penh
VAT TIN: 100 169 511
Tel.: +855 23 900 685
Tel.: +855 23 900 660
www.bosch.com.kh

People's Republic of China

China Mainland

Bosch Power Tool (China) Co. Ltd.
Bosch Service Center
567, Bin Kang Road
Bin Kang District
Hangzhou, Zhejiang Province
China 310052
Tel.: (0571) 8887 5566 / 5588
Fax: (0571) 8887 6688 x 5566# / 5588#
E-mail: bsc.hz@cn.bosch.com
www.bosch-pt.com.cn

HK and Macau Special Administrative Regions

Robert Bosch Co. Ltd.
21st Floor, 625 King's Road
North Point, Hong Kong
Customer Service Hotline: +852 2101 0235
Fax: +852 2590 9762
E-mail: info@hk.bosch.com
www.bosch-pt.com.hk

India

Bosch Service Center
69, Habibullah Road, (next to PSBB School), T. Nagar
Chennai-600077
Phone: (044) 64561816

Bosch Service Center Rishyamook
85A, Panchkuin Road
New Delhi-110001
Phone: (011) 43166190
Bosch Service Center 79,
Crystal Bldg., Dr. Annie Besant Road, Worli
Mumbai-400018
Phone: (022) 39569936 / (022) 39569959 /
(022) 39569967 / (022) 24952071

Indonesia

PT Robert Bosch
Palma Tower 10th Floor
Jalan RA Kartini II-S Kaveling 6
Pondok Pinang, Kebayoran Lama
Jakarta Selatan 12310
Tel.: (21) 3005-5800
www.bosch-pt.co.id

Malaysia

Robert Bosch Sdn. Bhd. (220975-V) PT/SMY
No. 8A, Jalan 13/6
46200 Petaling Jaya
Selangor
Tel.: (03) 79663194
Toll-Free: 1800 880188
Fax: (03) 79583838
E-mail: kiathoe.chong@my.bosch.com
www.bosch-pt.com.my

Pakistan

Robert Bosch Middle East FZE – Pakistan Liaison Office
2nd Floor Plaza # 10, CCA Block, DHA Phase 5
Lahore, 54810
Phone: +92(303)4444311
E-mail: Faisal.Khan@bosch.com

Philippines

Robert Bosch, Inc.
28th Floor Fort Legend Towers,
3rd Avenue corner 31st Street,
Fort Bonifacio, Global City,
1634 Taguig City
Tel.: (632) 8703871
Fax: (632) 8703870
www.bosch-pt.com.ph

Singapore

Powerwell Service Centre Ptd Ltd
Bosch Authorised Service Centre (Power Tools)
4012 Ang Mo Kio Ave 10, #01-02 TECHplace
Singapore 569628
Tel.: 6452 1770
Fax: 6452 1760
E-mail: ask@powerwellsc.com
www.powerwellsc.com
www.bosch-pt.com.sg

Thailand

Robert Bosch Ltd.
Liberty Square Building
No. 287, 11 Floor
Silom Road, Bangrak

Bangkok 10500
Tel.: 02 6393111
Fax: 02 2384783
Robert Bosch Ltd., P. O. Box 2054
Bangkok 10501
www.bosch.co.th

Bosch Service – Training Centre
La Salle Tower Ground Floor Unit No.2
10/11 La Salle Moo 16
Srinakharin Road
Bangkaew, Bang Plee
Samutprakarn 10540
Tel.: 02 7587555
Fax: 02 7587525

Vietnam

Branch of Bosch Vietnam Co., Ltd in HCMC
14th floor, Deutsches Haus, 33 Le Duan
Ben Nghe Ward, District 1, Ho Chi Minh City
Tel.: (028) 6258 3690
Fax: (028) 6258 3692 - 6258 3694
Hotline: (028) 6250 8555
E-mail: tuvankhachhang-pt@vn.bosch.com
www.bosch-pt.com.vn

Armenia, Azerbaijan, Georgia, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, Uzbekistan

TOO "Robert Bosch" Power Tools, After Sales Service
Rayimbek Ave., 169/1
050050, Almaty, Kazakhstan
Service e-mail: service.pt.ka@bosch.com
Official website: www.bosch.com, www.bosch-pt.com

Bahrain

Hatem Al Juffali Technical Equipment Establishment.
Kingdom of Bahrain, Setra Highway, Al Aker Area
Phone: +966126971777-311
Fax: +973117704257
E-mail: h.berjas@ejb.com.sa

Egypt

Unimar
20 Markaz kadmat
El tagmoa EL Aoul – New Cairo
Phone: +20 2224 76091-95
Phone: +20 2224 78072-73
Fax: +20222478075
E-mail: adelzaki@unimaregypt.com

Iran

Robert Bosch Iran
3rd Floor, No 3, Maadiran Building
Aftab St., Khodami St., Vanak Sq.
Tehran 1994834571
Phone: +9821 86092057

Iraq

Sahba Technology Group
Al Muthana airport road
Baghdad
Phone: +9647901906953
Phone Dubai: +97143973851
E-mail: bosch@sahbatechnology.com

Jordan

Roots Arabia – Jordan
Nasser Bin Jameel street, Building 37 Al Rabiah
11194 Amman
Phone: +962 6 5545778
E-mail: bosch@rootsjordan.com

Kuwait

Al Qurain Automotive Trading Company
Shuwaikh Industrial Area, Block 1, Plot 16, Street 3rd
P.O. Box 164 – Safat 13002
Phone: 24810844
Fax: 24810879
E-mail: josephkr@aaalmutawa.com

Lebanon

Tehini Hana & Co. S.A.R.L.
P.O. Box 90-449
Jdeideh
Dora-Beirut
Phone: +9611255211
E-mail: service-pt@tehini-hana.com

Libya

El Naser for Workshop Tools
Swanee Road, Alfalah Area
Tripoli
Phone: +218 21 4811184

Oman

Malatan Trading & Contracting LLC
P.O. Box 131
Ruwi, 112 Sultanate of Oman
Phone: +968 99886794
E-mail: malatanpowertools@malatan.net

Qatar

International Construction Solutions W L L
P. O. Box 51,
Doha Phone: +974 40065458
Fax: +974 4453 8585
E-mail: csd@icsdoha.com

Saudi Arabia

Juffali Technical Equipment Co. (JTECO)
Kilo 14, Madinah Road, Al Bawadi District
Jeddah 21431
Phone: +966 2 6672222 Ext. 1528
Fax: +966 2 6676308
E-mail: roland@ejb.com.sa

Syria

Dallal Establishment for Power Tools
P.O. Box 1030
Aleppo
Phone: +963212116083
E-mail: rita.dallal@hotmail.com

United Arab Emirates

Central Motors & Equipment LLC, P.O. Box 1984
Al-Wahda Street – Old Sana Building
Sharjah
Phone: +971 6 593 2777
Fax: +971 6 533 2269
E-mail: powertools@centralmotors.ae

Yemen

Abualrejal Trading Corporation
Sana'a Zubiery St. Front to new Parliament Building
Phone: +967-1-202010
Fax: +967-1-279029
E-mail: tech-tools@abualrejal.com

Ethiopia

Forever plc
Kebele 2,754, BP 4806,
Addis Ababa
Phone: +251 111 560 600
E-mail: foreverplc@ethionet.et

Ghana

C. WOERMANN LTD.
Nsawam Road/Avenor Junction, P.O. Box 1779
Accra Phone: +233 302 225 141

Kenya

Robert Bosch East Africa Ltd
Mpaka Road P.O. Box 856
00606 Nairobi

Nigeria

Robert Bosch Nigeria Ltd.
52-54 Isaac John Street P.O. Box
GRA Ikeja - Lagos

Republic of South Africa**Customer service**

Hotline: (011) 6519600

Gauteng - BSC Service Centre

35 Roper Street, New Centre
Johannesburg
Tel.: (011) 4939375
Fax: (011) 4930126
E-mail: bsctools@icon.co.za

KZN - BSC Service Centre

Unit E, Almar Centre
143 Crompton Street
Pinetown
Tel.: (031) 7012120
Fax: (031) 7012446
E-mail: bsc.dur@za.bosch.com

Western Cape - BSC Service Centre

Democracy Way, Prosperity Park
Milnerton
Tel.: (021) 5512577
Fax: (021) 5513223
E-mail: bsc@zsd.co.za

Bosch Headquarters

Midrand, Gauteng
Tel.: (011) 6519600
Fax: (011) 6519880
E-mail: rbsa-hq.pts@za.bosch.com

Tanzania

Diesel & Autoelectric Service Ltd.
117 Nyerere Rd., P.O. Box 70839

Vingunguti 12109, Dar Es Salaam
Phone: +255 222 861 793/794

Australia, New Zealand and Pacific Islands

Robert Bosch Australia Pty. Ltd.
Power Tools
Locked Bag 66
Clayton South VIC 3169
Customer Contact Center
Inside Australia:
Phone: (01300) 307044
Fax: (01300) 307045
Inside New Zealand:
Phone: (0800) 543353
Fax: (0800) 428570
Outside AU and NZ:
Phone: +61 3 95415555
www.bosch-pt.com.au
www.bosch-pt.co.nz

Disposal

The power tool, accessories and packaging should be recycled in an environmentally friendly manner.



Do not dispose of power tools along with household waste.

中文**安全规章****电动工具通用安全警告**

警告！ 警告！ 阅读所有警告和所有说明！ 不遵照以下警告和说明会导致电击、着火和 / 或严重伤害。

保存所有警告和说明书以备查阅。

在所有下列的警告中术语“电动工具”指市电驱动（有线）电动工具或电池驱动（无线）电动工具。

工作场地的安全

- ▶ 保持工作场地清洁和明亮。 混乱和黑暗的场地会引发事故。
- ▶ 不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。 电动工具产生的火花会点燃粉尘或气体。
- ▶ 让儿童和旁观者离开后操作电动工具。 注意力不集中会使操作者失去对工具的控制。

电气安全

- ▶ 电动工具插头必须与插座相配。 绝不能以任何方式改装插头。 需接地的电动工具不能使用任何转换插头。 未经改装的插头和相配的插座将减少电击危险。

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

1 609 92A 4PH (2018.12) 0 / 102



1 609 92A 4PH



МАГАЗИН
ТАШ МАЙСТОРА®
ПРОФЕСИОНАЛНИ РЕШЕНИЯ