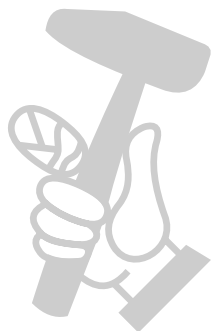


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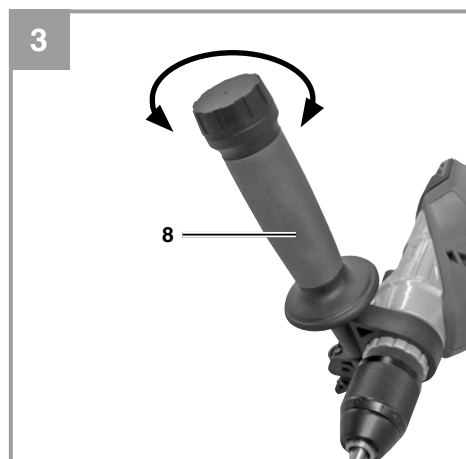
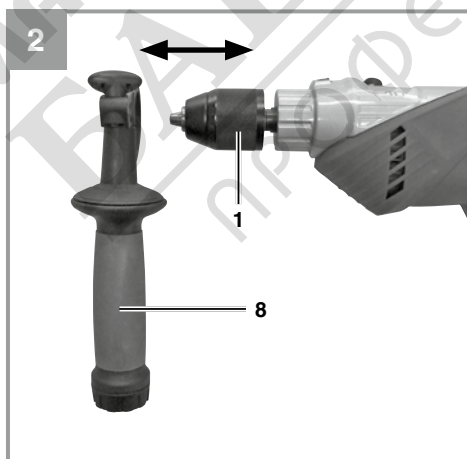
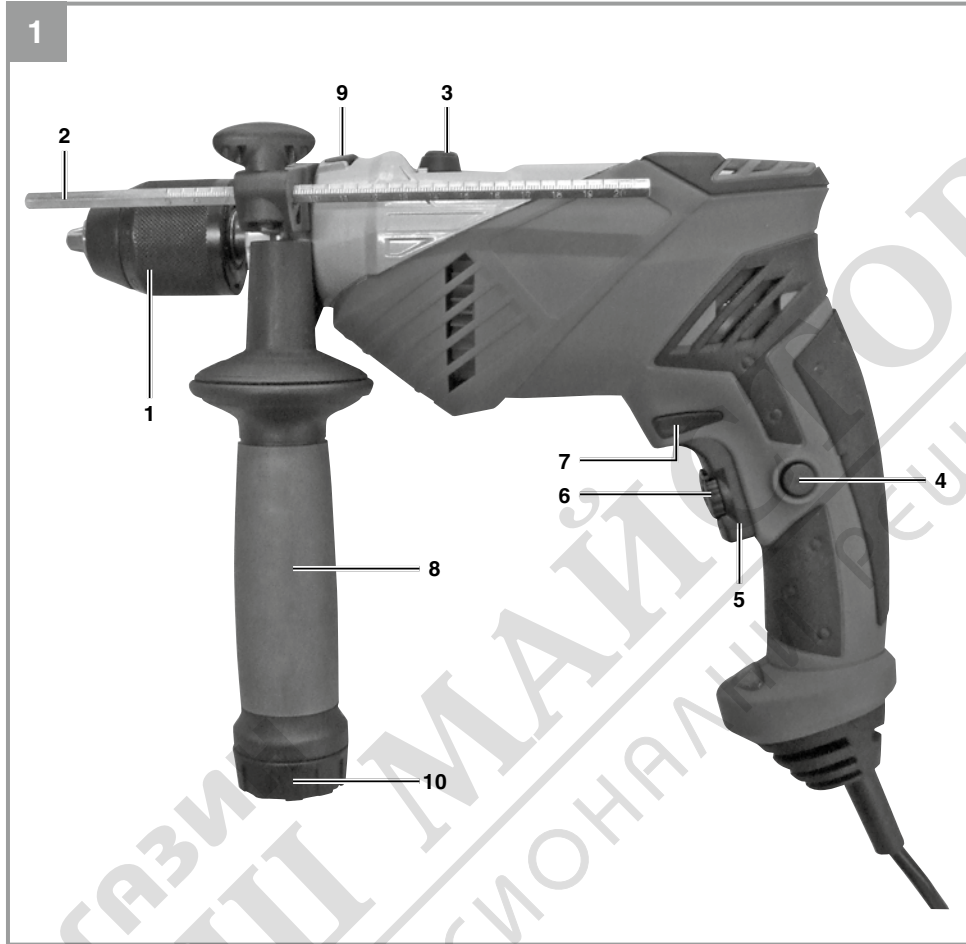
D	Originalbetriebsanleitung Schlagbohrmaschine	SK	Originálny návod na obsluhu Príklepová vrtačka
GB	Original operating instructions Impact Drill	NL	Originele handleiding Klopboormachine
F	Instructions d'origine Perceuse électrique à percussion	E	Manual de instrucciones original Taladro de percutor
I	Istruzioni per l'uso originali Trapano a percussione	FIN	Alkuperäiskäyttöohje Iskuporakone
DK/ N	Original betjeningsvejledning Slagboremaskine	SLO	Originalna navodila za uporabo Udarni vrtalni stroj
S	Original-bruksanvisning Slagbormaskin	H	Eredeti használati utasítás Ütvefűrógép
CZ	Originální návod k obsluze Příklepová vrtačka	GR	Πρωτότυπες Οδηγίες χρήσης Κρουστικό δράπανο

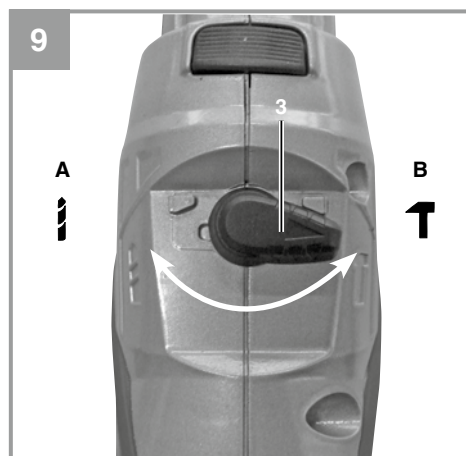
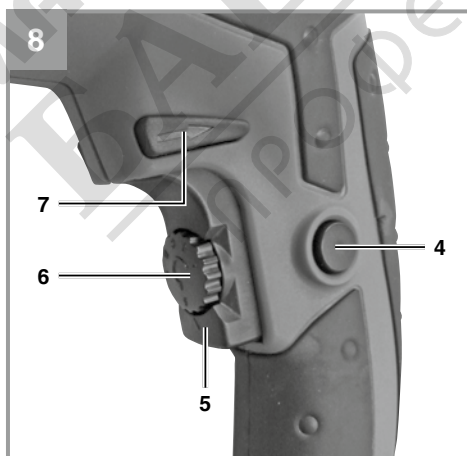
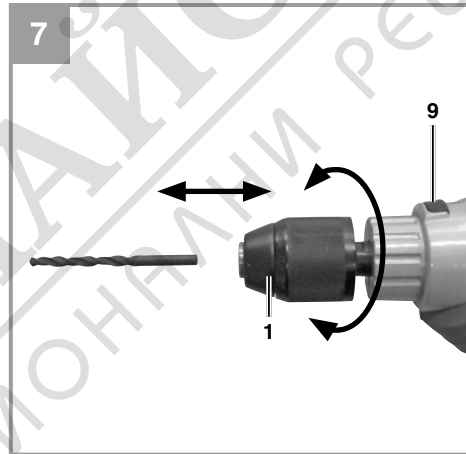
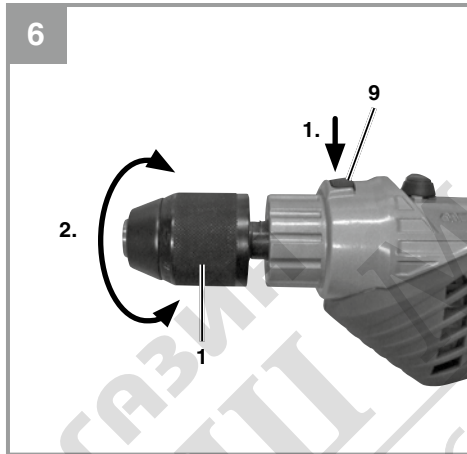
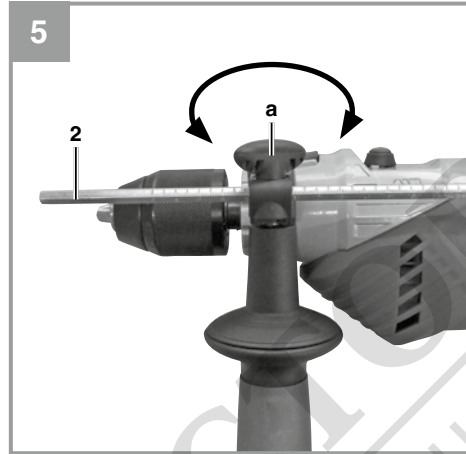
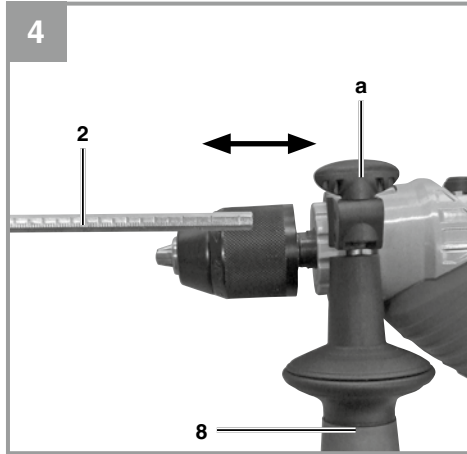


Art.-Nr.: 42.597.35



I.-Nr.: 21061







Danger! - Read the operating instructions to reduce the risk of injury



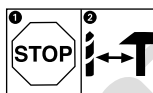
Caution! Wear ear-muffs. The impact of noise can cause damage to hearing.



Caution! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!



Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.



To avoid damaging the gearbox, the drill / hammer drill selector switch should only be moved when the machine is at a standstill



The spindle lock is allowed to be pressed only when the equipment is at a standstill.



Protection class II

Danger!

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

1. Safety regulations**Warning!**

Read all the safety information, instructions, illustrations and technical data provided on or with this power tool. Failure to adhere to the following instructions may result in electric shock, fire and/or serious injury.

Keep all the safety information and instructions in a safe place for future use.

2. Layout and items supplied**2.1 Layout (Fig. 1)**

1. Drill chuck
2. Drill depth stop
3. Drill/hammer drill selector switch
4. Locking button
5. ON/OFF switch
6. Speed controller
7. Clockwise/Counter-clockwise switch
8. Additional handle
9. Spindle lock
10. Storage compartment for drill bits

2.2 Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if

available).

- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

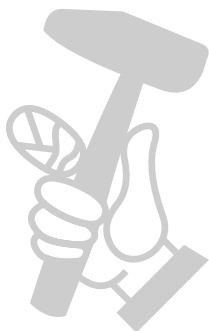
- Hammer drill
- Additional handle
- nDepth stop
- Original operating instructions
- Safety instructions

3. Proper use

The drill is designed for drilling holes into wood, iron, non-ferrous metals and rock using the appropriate bits.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.



4. Technical data

Mains voltage: 230-240 V ~ 50 Hz
 Power input: 650 W
 Idling speed 1: 0-3000 min⁻¹
 Drilling capacity Concrete 13 mm
 Steel 10 mm
 Wood 25 mm
 Protection class: II/□
 Weight: 2.1 kg

Danger!

Sound and vibration

Sound and vibration values were measured in accordance with EN 62841.

L_{pA} sound pressure level 93,3 dB(A)
 K_{pA} uncertainty 3 dB
 L_{WA} sound power level 104,3 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 62841.

Hammer drilling in concrete (handle)

Vibration emission value $a_{h, ID} = 16.306 \text{ m/s}^2$
 K uncertainty = 1.5 m/s²

Hammer drilling in concrete (additional handle)

Vibration emission value $a_{h, ID} = 12.345 \text{ m/s}^2$
 K uncertainty = 1.5 m/s²

Drilling in metal (handle)

Vibration emission value $a_{h, D} = 5.848 \text{ m/s}^2$
 K uncertainty = 1.5 m/s²

Drilling in metal (additional handle)

Vibration emission value $a_{h, I} = 1.818 \text{ m/s}^2$
 K uncertainty = 1.5 m/s²

The stated vibration emission levels and stated noise emission values were measured in accordance with a set of standardized criteria and can be used to compare one power tool with another.

The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

Warning:

The vibration and noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of workpiece it is used for.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

Warning! The electric power tool generates an electromagnetic field during operation. Under certain circumstances this field may actively or passively impede medical implants. To reduce the risk of serious or fatal injuries, we recommend persons with medical implants to consult their doctor and the manufacturer of the medical implant prior to using the equipment.

Caution!

Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

5. Before starting the equipment

Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.

Warning!

Always pull the power plug before making adjustments to the equipment.

5.1. Fitting the additional handle (Fig. 2-3/Item 8)

The additional handle (8) enables you to achieve better stability whilst using the hammer drill. Do not use the tool without the additional handle. The additional handle (8) is secured to the hammer drill by a clamp. During the handle clockwise tightens this clamp. Turning it anti-clockwise will release the clamp.

- The supplied additional handle (8) must first be fitted. To do this, the clamp must be opened by turning the handle until it is wide enough for the additional handle to be slid over the chuck (1) and on to the hammer drill.
- After you have positioned the additional handle (8), turn it to the most comfortable working position for you.
- Now turn the handle in the opposite direction again until the additional handle is secure.
- The additional handle (8) is suitable for both left-handed and right-handed users.

5.2 Fitting and adjusting the depth stop (Fig. 4-5/Item 2)

- Undo the thumb screw (a) on the additional handle (8) and insert the depth stop (2) in the hole of the additional handle.
- Set the depth stop and retighten the thumb screw.
- Now drill the hole until the depth stop touches the workpiece.

5.3 Fitting the drill bit (Fig. 6-7)

- Always pull the power plug before making adjustments to the equipment.
- Release the depth stop as described in 5.2 and push it towards the additional handle. This provides free access to the chuck (1).
- This hammer drill is equipped with a spindle lock (9) and a quick-change drill chuck.
- Press the spindle lock (9) and turn the drill chuck (1) until it engages (see Fig. 6). Keeping the spindle lock (9) pressed, turn the firmly closed drill chuck (1) so that it opens (see Fig. 7). The drill chuck opening must be

large enough to take the drill bit.

- Select a suitable drill bit. Push the drill bit as far as possible into the chuck opening.
- Keeping the spindle lock (9) pressed, turn the drill chuck (1) so that it closes. Check that the drill bit is secure in the chuck (1).
- Check at regular intervals that the drill bit or tool is secure (pull the mains plug).
- When the quick-change drill chuck (1) is open as far as it will go (maximum drill bit opening) and secure, press the spindle lock (9) and turn the drill chuck (1) clockwise (viewed from the front) until you hear a grating noise. Keeping the spindle lock (9) pressed, turn the drill chuck (1) approx. 5 mm in the opposite direction until you hear a clicking noise. Then turn the drill chuck (1) clockwise again to the desired position. This function will prevent damage to the drill chuck.

Important.

Do not press the spindle lock (9) while the drill is in use.

5.4 Storage of the drill (Figure 1 / Item 10)

The additional handle (8) is equipped with a storage compartment for drill bits (10) where you can store drill bits of different sizes.

- Turn the storage compartment (10) anti-clockwise and out of the additional handle (8).
- Insert the required drill bits.
- Mount the storage compartment (10) back on the additional handle. When doing so, make sure that the pins on the inner edge of the storage compartment (10) fit onto the recesses in the additional handle (8).
- Secure the storage compartment by turning it clockwise.

6. Operation

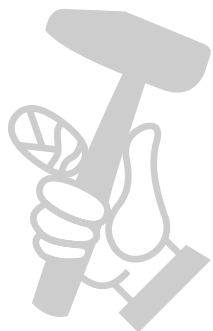
6.1 ON/OFF switch (Fig. 8/Item 5)

- First fit a suitable drill bit into the tool (see 5.3).
- Connect the mains plug to a suitable socket.
- Position the drill in the position you wish to drill.

To switch on:

Press the ON/OFF switch (5)

Continuous operation:



Secure the ON/OFF switch (5) with the locking button (4).

To switch off:

Press the ON/OFF switch (5) briefly.

6.2 Adjusting the speed (Fig. 8/Item 5)

- You can infinitely vary the speed whilst using the tool.
- Select the speed by applying a greater or lesser pressure to the ON/OFF switch (5).
- Select the correct speed: The most suitable speed depends on the workpiece, the type of use and the drill bit used.
- Low pressure on the ON/OFF switch (5): Lower speed (suitable for: small screws and soft materials)
- Greater pressure on the ON/OFF switch (5): Higher speed (suitable for large/long screws and hard materials)

Tip: Start drilling holes at low speed. Then increase the speed in stages.

Benefits:

- The drill bit is easier to control when starting the hole and will not slide away.
- You avoid drilling messy holes (for example in tiles).

6.3 Preselecting the speed (Fig. 8/Item 6)

- The speed setting ring (6) enables you to define the maximum speed. The ON/OFF switch (5) can only be pressed to the defined maximum speed setting.
- Set the speed using the setting ring (6) on the ON/OFF switch (5).
- Do not attempt to make this setting whilst the drill is in use.

6.4 Clockwise/Counter-clockwise switch (Fig. 8/Item 7)

- Change switch position only when the drill is at a standstill!
- Switch the direction of the hammer drill using the clockwise/counter-clockwise switch (7):

Direction	Switch position
Clockwise (forwards and drill)	Pushed in to the right
Counter-clockwise (reverse)	Pushed in to the left

6.5 Drill / hammer drill selector switch (Fig. 9/Item 3)

Change switch position only when the drill is at a standstill!

Drill

Drill / hammer drill selector switch (3) in the drill position. (Position A)

Use for: Wood, metal, plastic

Hammer drill

Drill / hammer drill selector switch (3) in the hammer drill position. (Position B)

Use for: Concrete, rock, masonry

6.6 Tips for working with your hammer drill

6.6.1 Drilling concrete and masonry

- Switch the Drill/Hammer drill selector switch (3) to position B (Hammer drill).
- Always use carbide drill bits and a high speed setting for drilling into masonry and concrete.

6.6.2 Drilling steel

- Switch the drill / hammer drill selector switch (3) to position A (drill).
- Always use HSS drill bits (HSS = high speed steel) and a low speed setting for drilling steel.
- We recommend that you lubricate the hole with a suitable cutting fluid to prevent unnecessary drill bit wear.

6.6.3 Starting holes

If you wish to drill a deep hole in a hard material (such as steel), we recommend that you start the hole with a smaller drill bit.

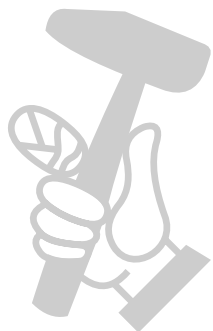
6.6.4 Drilling tiles

- To start the hole, switch the drill / hammer drill selector switch (3) to position A (drill).
- Switch the drill / hammer drill selector switch (3) to position B (hammer drill) as soon as the drill bit has passed through the tiles.

7. Replacing the power cable

Danger!

If the power cable for this equipment is damaged, it must be replaced by the manufacturer or its after-sales service or similarly trained personnel to avoid danger.



8. Cleaning, maintenance and ordering of spare parts

Danger!

Always pull out the mains power plug before starting any cleaning work.

8.1 Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

8.2 Carbon brushes

In case of excessive sparking, have the carbon brushes checked only by a qualified electrician.

Danger! The carbon brushes should not be replaced by anyone but a qualified electrician.

8.3 Maintenance

There are no parts inside the equipment which require additional maintenance.

8.4 Ordering spare parts and accessories

Please provide the following information when ordering spare parts:

- Type of unit
- Article number of the unit
- ID number of the unit
- Spare part number of the required spare part

For our latest prices and information please go to www.Einhell-Service.com



Tip! For good results we recommend high-quality accessories from **kwb !**
www.kwb.eu
welcome@kwb.eu

9. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

10. Storage

Store the equipment and accessories in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.



For EU countries only

Never place any electric power tools in your household refuse.

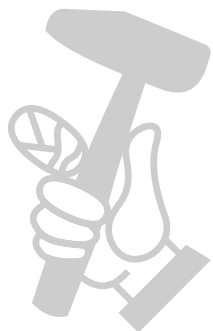
To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request:

As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

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Subject to technical changes



Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

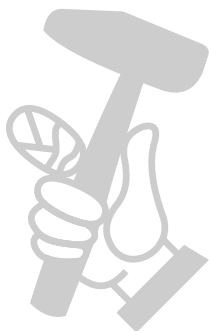
Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Carbon brushes, chuck
Consumables*	Drill bits
Missing parts	

* Not necessarily included in the scope of delivery!

In the effect of defects or faults, please register the problem on the internet at www.Einhell-Service.com. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.



Warranty certificate

Dear Customer,

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the service number shown.

Please note the following terms under which guarantee claims can be made:

1. These guarantee terms apply to consumers only, i.e. natural persons intending to use this product neither for their commercial activities nor for any other self-employed activities. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory rights of guarantee. Your statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.
2. The warranty services cover only defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below and are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer.
Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.
3. The following are not covered by our guarantee:
 - Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
 - Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
 - Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.
4. The guarantee is valid for a period of 24 months starting from the purchase date of the device. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.
5. To make a claim under the guarantee, please register the defective device at: www.Einhell-Service.com. Please keep your bill of purchase or other proof of purchase for the new device. Devices that are returned without proof of purchase or without a rating plate shall not be covered by the guarantee, because appropriate identification will not be possible. If the defect is covered by our guarantee, then the item in question will either be repaired immediately and returned to you or we will send you a new replacement.

Of course, we are also happy offer a chargeable repair service for any defects which are not covered by the scope of this guarantee or for units which are no longer covered. To take advantage of this service, please send the device to our service address.

Also refer to the restrictions of this warranty concerning wear parts, consumables and missing parts as set out in the service information in these operating instructions.

