

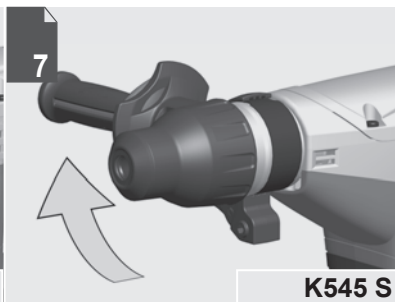
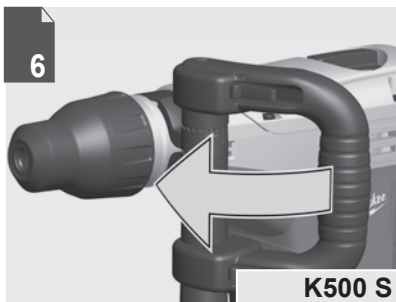
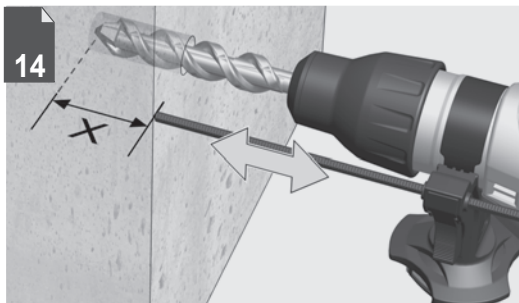
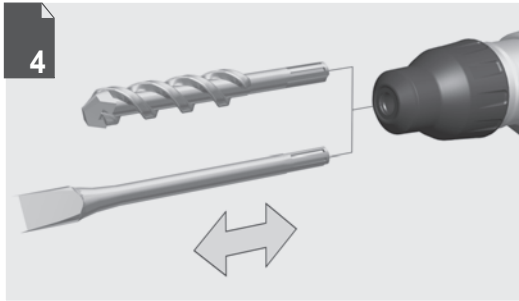
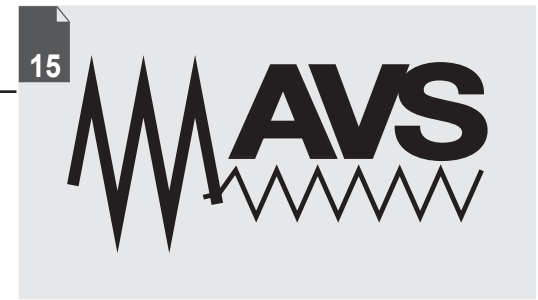
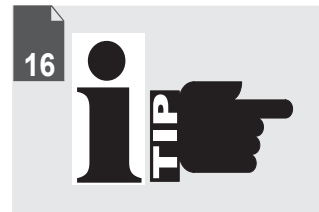
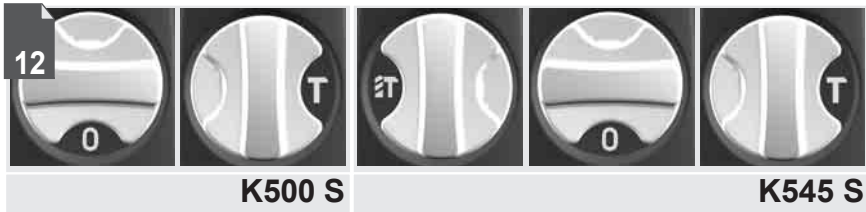
Milwaukee[®]

Nothing but **HEAVY DUTY**[®].



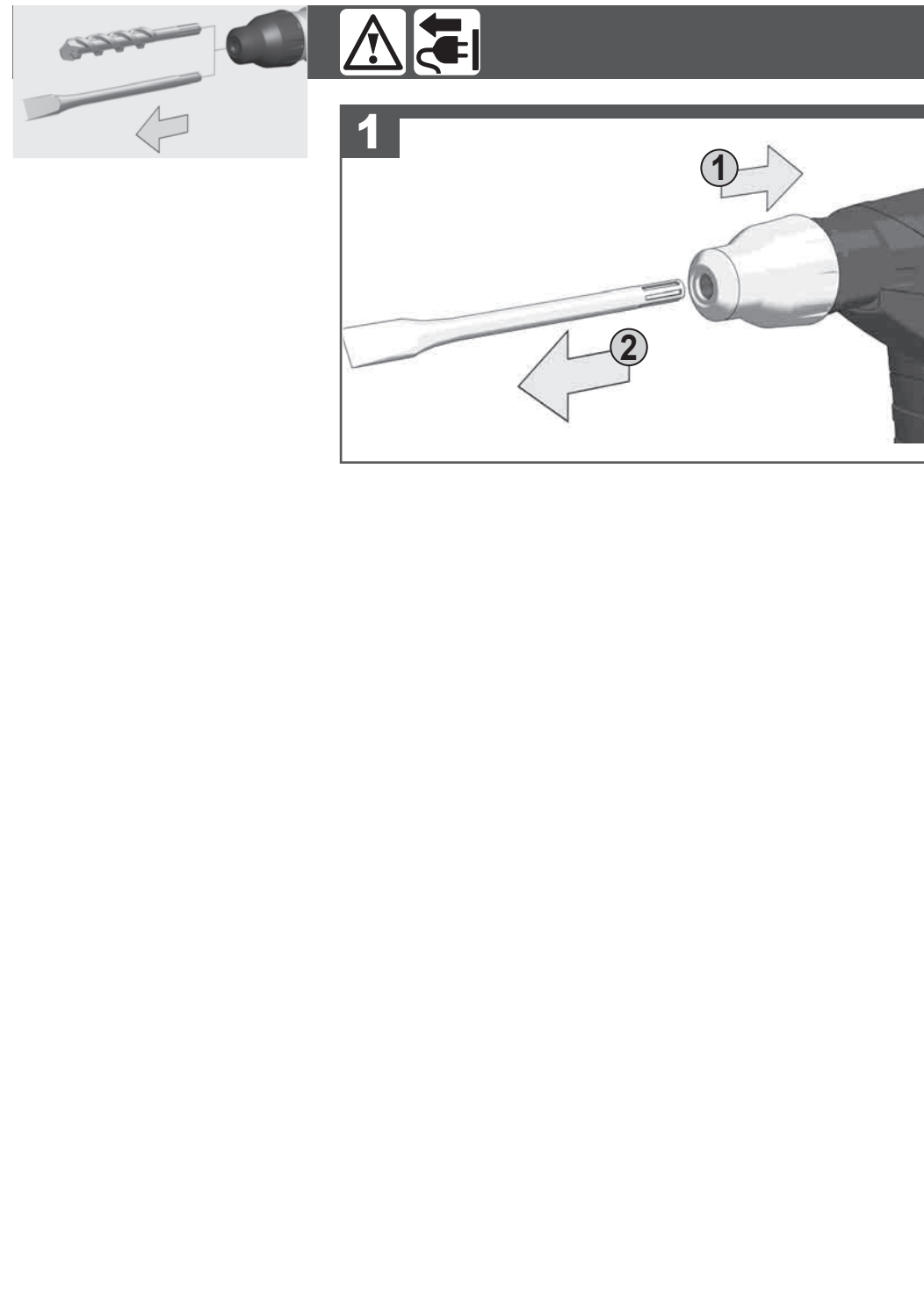
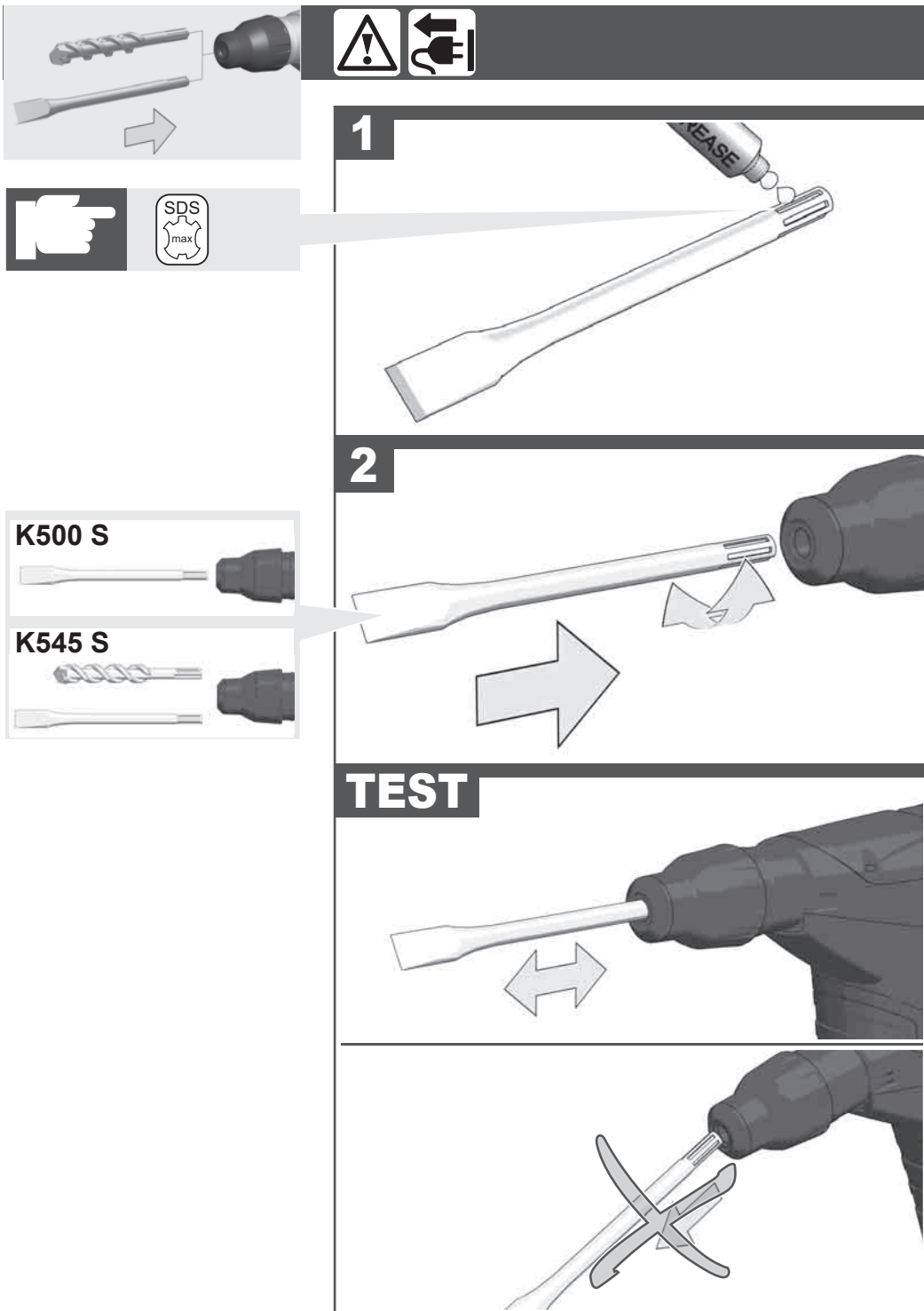
K500 S
K545 S

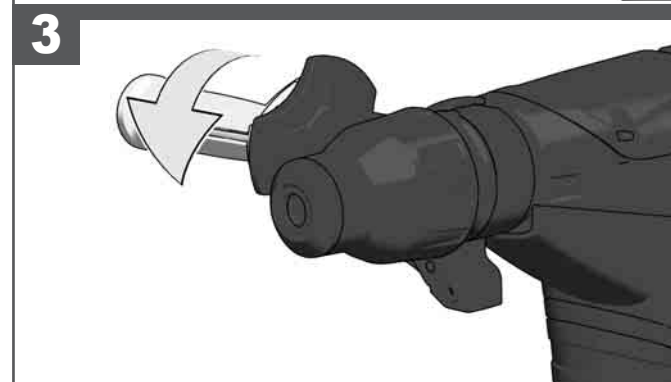
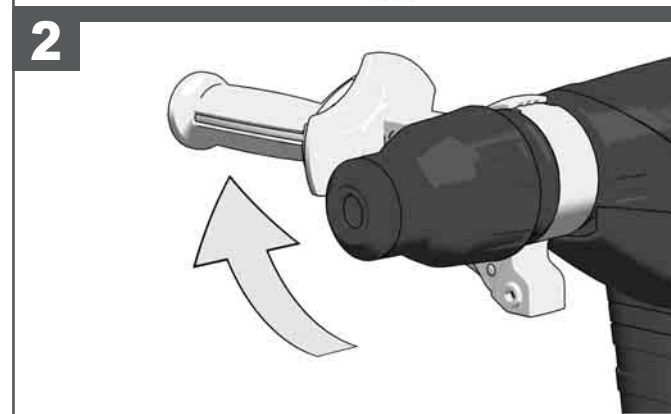
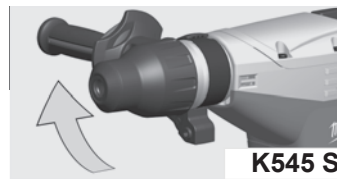
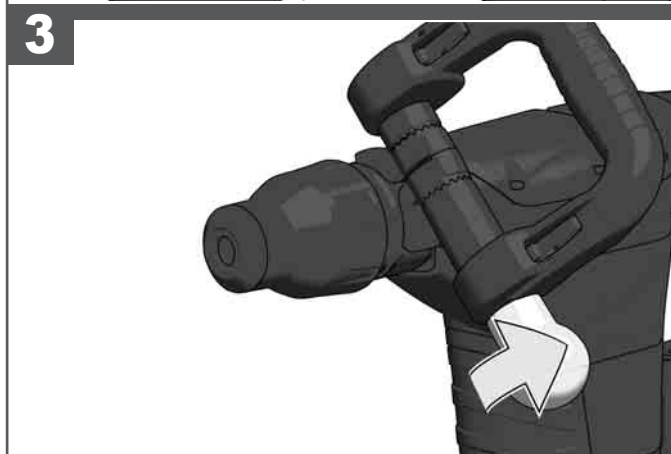
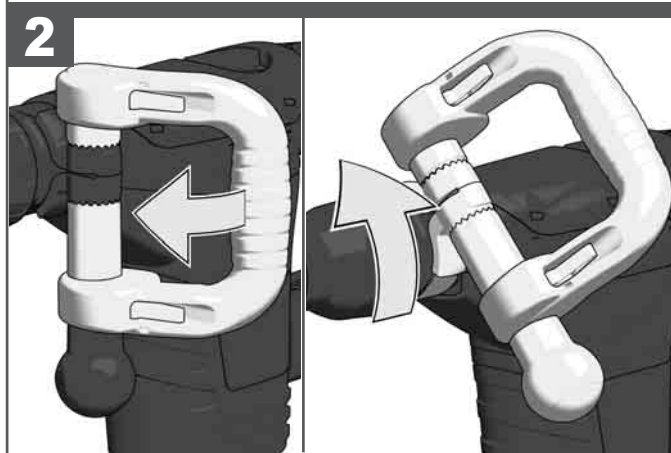
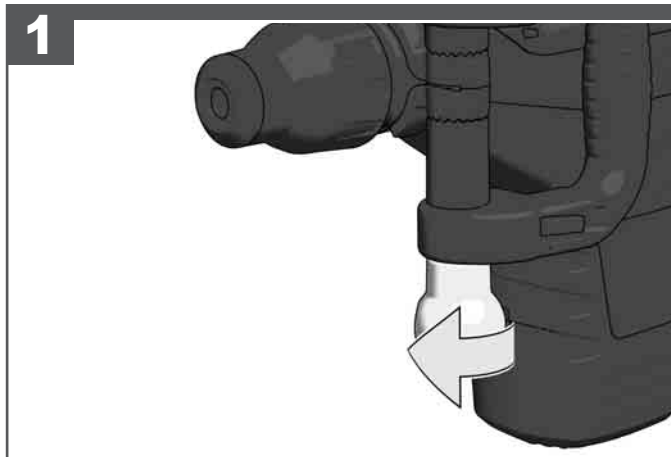
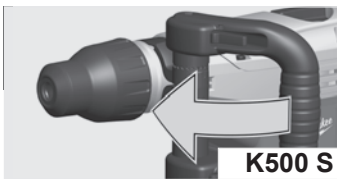
Original instructions



4 Picture section with operating description and functional description

18 Text section with Technical Data, important Safety and Working Hints and description of Symbols







START

STOP



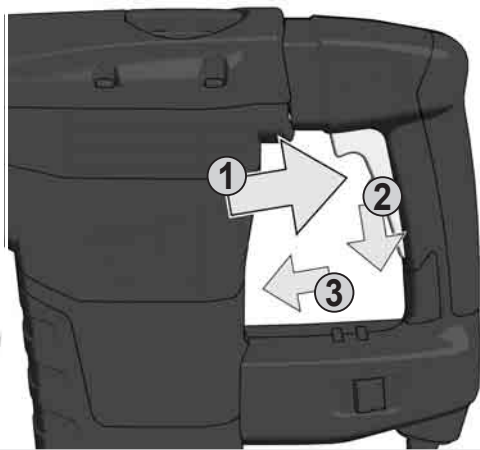
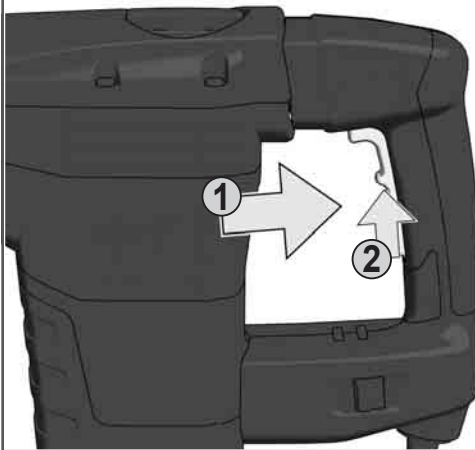
START

STOP



START/LOCK

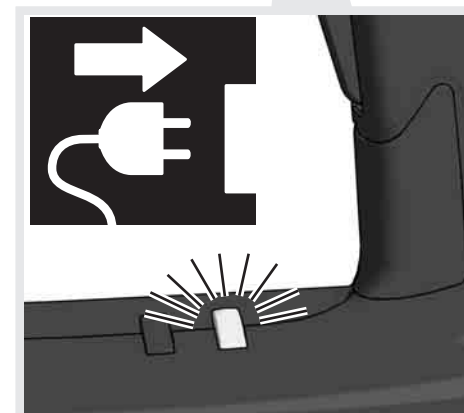
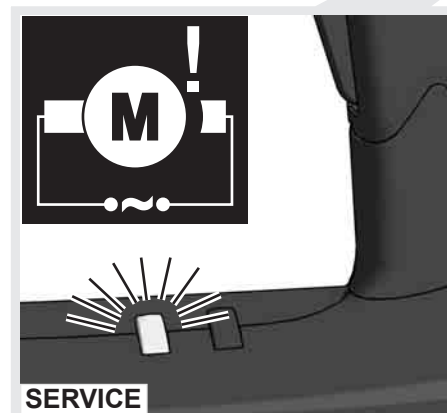
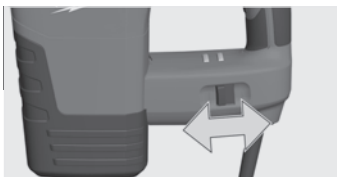
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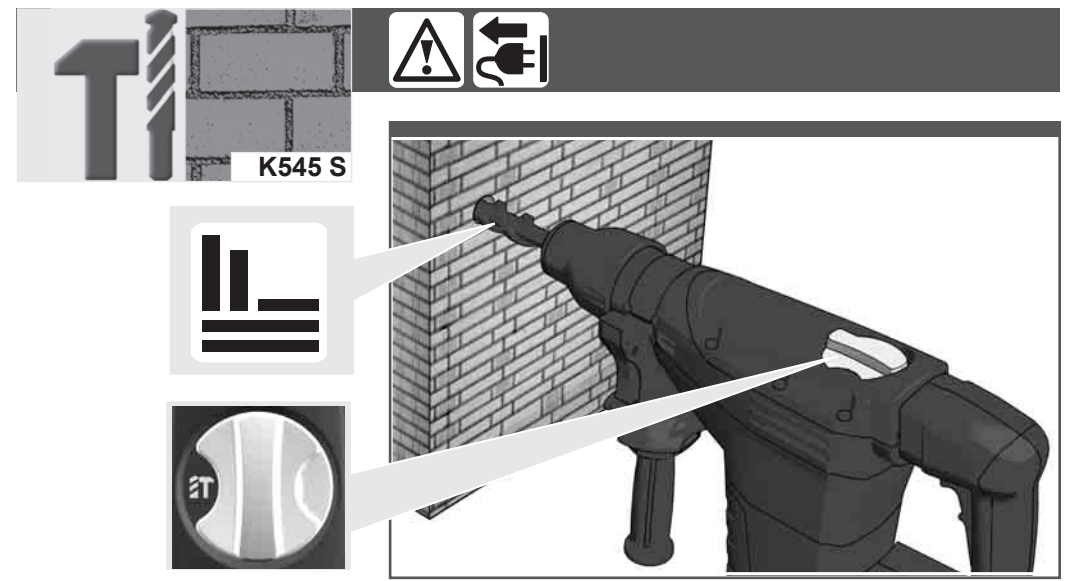
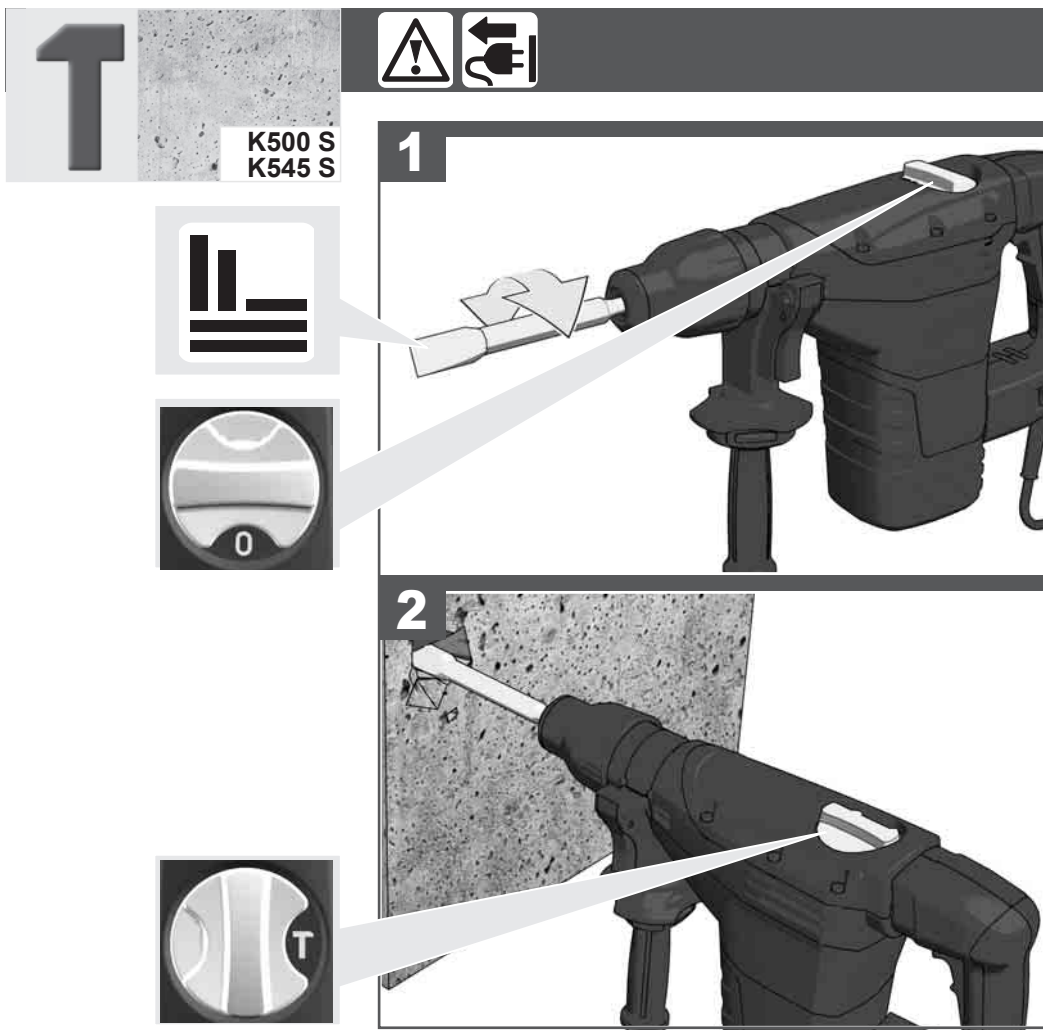


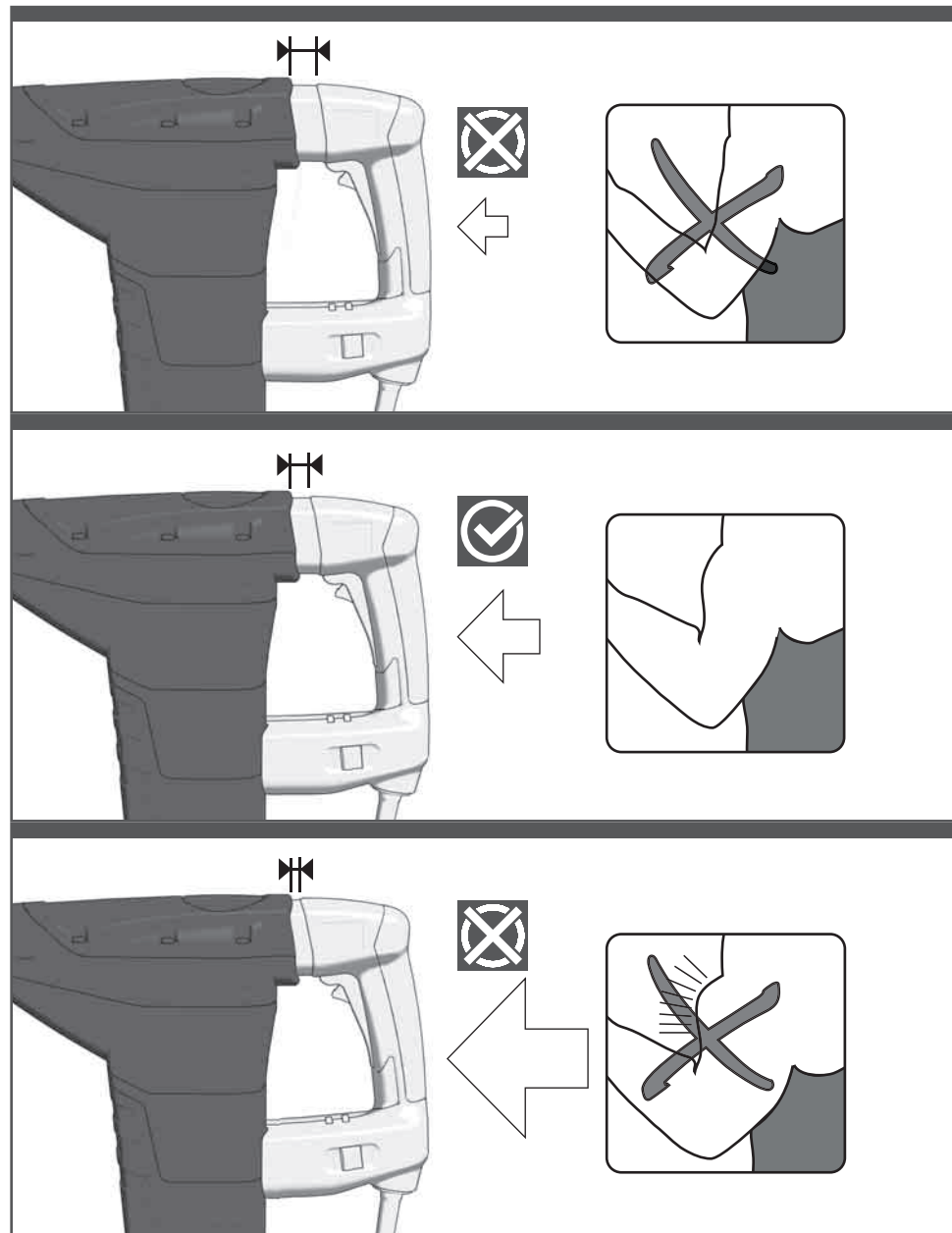
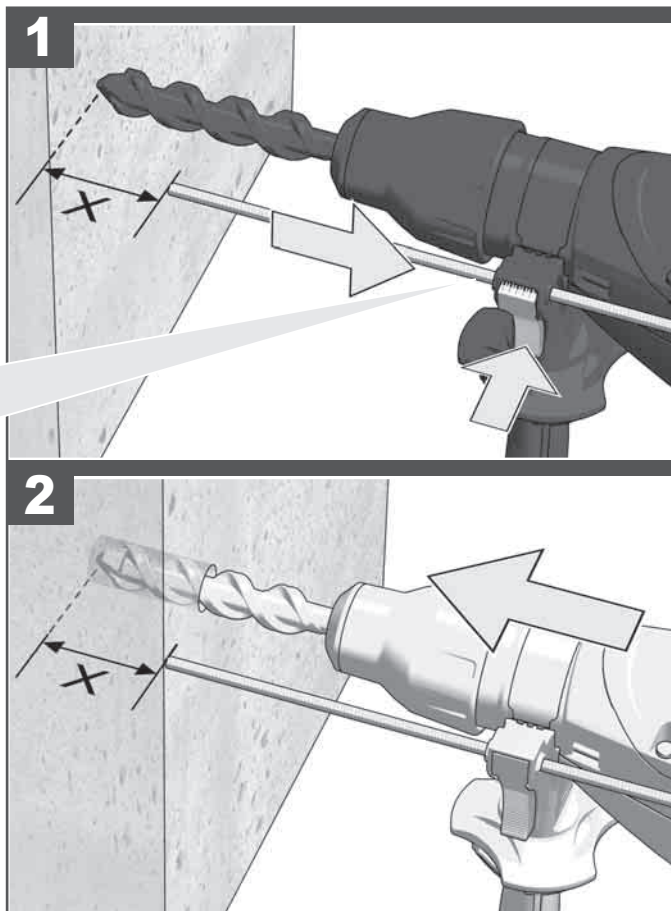
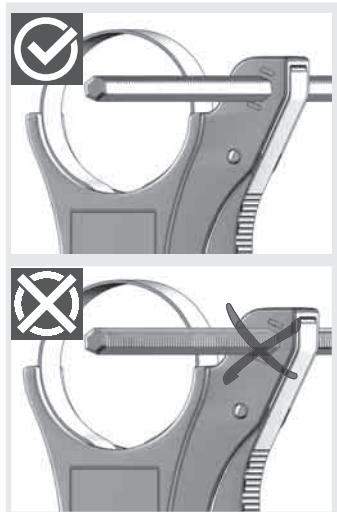
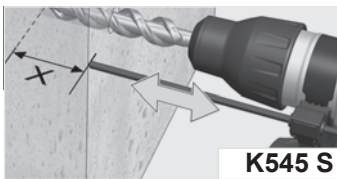
START/LOCK

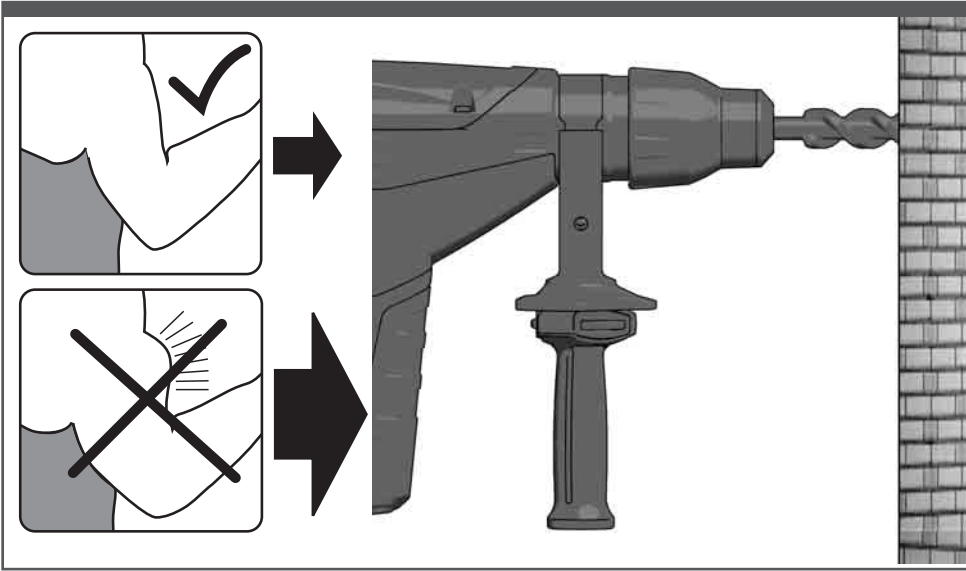
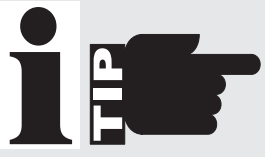
STOP











TECHNICAL DATA

	K500 S Chipping Hammer	K545 S Combi Hammer
Production code.....	4421 66 04...	4632 71 04...
	4421 58 04...	4421 96 04...
	4326 06 04...	4324 51 04...
	000001-999999	000001-999999
Rated input.....	1300 W	1300 W
Output.....	650 W	650 W
No-load speed.....	300 min ⁻¹	300 min ⁻¹
Speed under load max.....	300 min ⁻¹	300 min ⁻¹
Rate of percussion under load max.....	2840 min ⁻¹	2840 min ⁻¹
Impact energy per stroke according to EPTA-Procedure 05/2009.....	8,5 J	8,5 J
Drilling capacity in concrete.....	45 mm	45 mm
Tunnel bit in concrete, bricks and limestone.....	65 mm	65 mm
Core cutter in concrete, bricks and limestone.....	100 mm	100 mm
Chuck neck diameter.....	66 mm	66 mm
Weight according EPTA-Procedure 01/2014.....	6,3 kg	6,7 kg

Noise Information K545 S

Measured values determined according to EN 60 745.

Typically, the A-weighted noise levels of the tool are:

Sound pressure level (Uncertainty K=3dB(A)).....	98,5 dB (A)
Sound power level (Uncertainty K=3dB(A)).....	109,5 dB (A)

Wear ear protectors!

Noise Information K500 S

Typically the A-weighted sound pressure level of the tool is.....

91 dB (A)

Measured values determined according to 2005/88/EG at the user's ear.

2005/88/EC: Conformity assessment procedure according to Annex VI.

Notified Body:

VDE Testing and Certification Institute, Merianstr. 28,
63069 Offenbach, Germany

Measured sound power level.....	101 dB (A)
Guaranteed sound power level.....	104 dB (A)

Wear ear protectors!

Vibration information

Vibration total values (tri-axial vector sum) determined according to EN 60745

Hammer-drilling in concrete:

Vibration emission value a _h	11,5 m/s ²
Uncertainty K=.....	1,5 m/s ²

Chiselling

Vibration emission value a _h	11,5 m/s ²	9 m/s ²
Uncertainty K=.....	1,9 m/s ²	1,9 m/s ²

WARNING

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

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.

ROTARY HAMMER SAFETY WARNINGS

Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss.

Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.

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.

ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

Use protective equipment. Always wear safety glasses when working with the machine. The use of protective clothing is recommended, such as dust mask, protective gloves, sturdy non-slip footwear, helmet and ear defenders.

The dust produced when using this tool may be harmful to health. Do not inhale the dust. Wear a suitable dust protection mask.

Do not machine any materials that present a danger to health (e.g. asbestos).

Switch the device off immediately if the insertion tool stalls! Do not switch the device on again while the insertion tool is stalled, as doing so could trigger a sudden recoil with a high reactive force. Determine why the insertion tool stalled and rectify this, paying heed to the safety instructions.

The possible causes may be:

- it is tilted in the workpiece to be machined
- it has pierced through the material to be machined
- the power tool is overloaded

Do not reach into the machine while it is running.

The insertion tool may become hot during use.

- WARNING!** Danger of burns
- when changing tools
 - when setting the device down

Chips and splinters must not be removed while the machine is running.

Keep mains lead clear from working range of the machine. Always lead the cable away behind you.

When working in walls ceiling, or floor, take care to avoid electric cables and gas or waterpipes.

Clamp your workpiece with a clamping device. Unclamped workpieces can cause severe injury and damage.

Always disconnect the plug from the socket before carrying out any work on the machine.

When working with large drill diameters, the auxiliary handle must be fastened in a right angle with the main handle (see illustrations, section "Twisting the handle").

SPECIFIED CONDITIONS OF USE

K545 S: The pneumatic hammer can be universally used for hammer drilling and chiselling in stone and concrete.

K500 S: The hammer can be used for chiselling in stone and concrete.

Do not use this product in any other way as stated for normal use.

EC-DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under "Technical Data" fulfills all the relevant regulations and the directives 2011/65/EU (RoHS), 2014/30/EU, 2006/42/EC, and the following harmonized standards have been used:

EN 60745-1:2009+A11:2010
EN 60745-2-6:2010
EN 55014-1:2017+A11:2020
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013
EN IEC 63000:2018
Winnenden, 2021-01-21



Alexander Krug
Managing Director

Authorized to compile the technical file

Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany



GB-DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under "Technical Data" fulfills all the relevant provisions of the following Regulations S.I. 2008/1597 (as amended), S.I. 2016/1091 (as amended), S.I. 2012/3032 (as amended) and that the following designated standards have been used:

BS EN 60745-1:2009+A11:2010
BS EN 60745-2-6:2010
BS EN 55014-1:2017+A11:2020
BS EN 55014-2:2015
BS EN 61000-3-2:2014
BS EN 61000-3-3:2013
BS EN IEC 63000:2018
Winnenden, 2021-01-21



Alexander Krug
Managing Director

Authorized to compile the technical file.

Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

WORK WHEN IT'S COLD

If the tool is stored for a long period of time or at cold temperatures, the lubrication may become stiff and the tool may not working initially or the working may be weak. If this happens:

1. Insert a bit or chisel into the tool.
2. Run the tool against a scrap piece of concrete.
3. Pull and release the trigger every few seconds.

After 15 seconds to 2 minutes, the tool will start hammering normally. The colder the tool is, the longer it will take to warm up.

MAINS CONNECTION

Appliances used at many different locations including wet room and open air must be connected via a residual current device (FI, RCD, PRCD) of 30mA or less.

Connect only to single-phase AC current and only to the system voltage indicated on the rating plate. It is also possible to connect to sockets without an earthing contact as the design conforms to safety class II.

Make sure the machine is switched off before plugging in.

This is a device for professional use which may slightly exceed the guide values for current harmonics when it is connected to the public low voltage mains supply. You should therefore contact your energy supply company before you connect the device to the public low voltage mains supply.

MAINTENANCE

The ventilation slots of the machine must be kept clear at all times.












Important note! If the carbon brushes are worn, in addition to exchanging the brushes the tool should be sent to after-sales service. This will ensure long service life and top performance.

If the supply cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, to avoid hazardous situations.

Use only Milwaukee accessories and spare parts. Should components need to be replaced which have not been described, please contact one of our Milwaukee service agents (see our list of guarantee/service addresses).

If needed, an exploded view of the tool can be ordered. Please state the Article No. as well as the machine type printed on the label and order the drawing at your local service agents or directly at: Techtronic Industries GmbH, Max-Eyth-Straße 10, 71364 Winnenden, Germany.

SYMBOLS

	CAUTION! WARNING! DANGER!
	Always disconnect the plug from the socket before carrying out any work on the machine.
	Please read the instructions carefully before starting the machine.
	Accessory - Not included in standard equipment, available as an accessory.
	Do not dispose of electric tools together with household waste material. Electric tools and electronic equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility. Check with your local authority or retailer for recycling advice and collection point.
	Class II tool, tool in which protection against electric shock does not rely on basic insulation only, but in which additional safety precautions, such as double insulation or reinforced insulation, are provided. There being no provision for protective earthing or reliance upon installation conditions.
	European Conformity Mark
	British Conformity Mark
	Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.
	Ukraine Conformity Mark
	EurAsian Conformity Mark

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