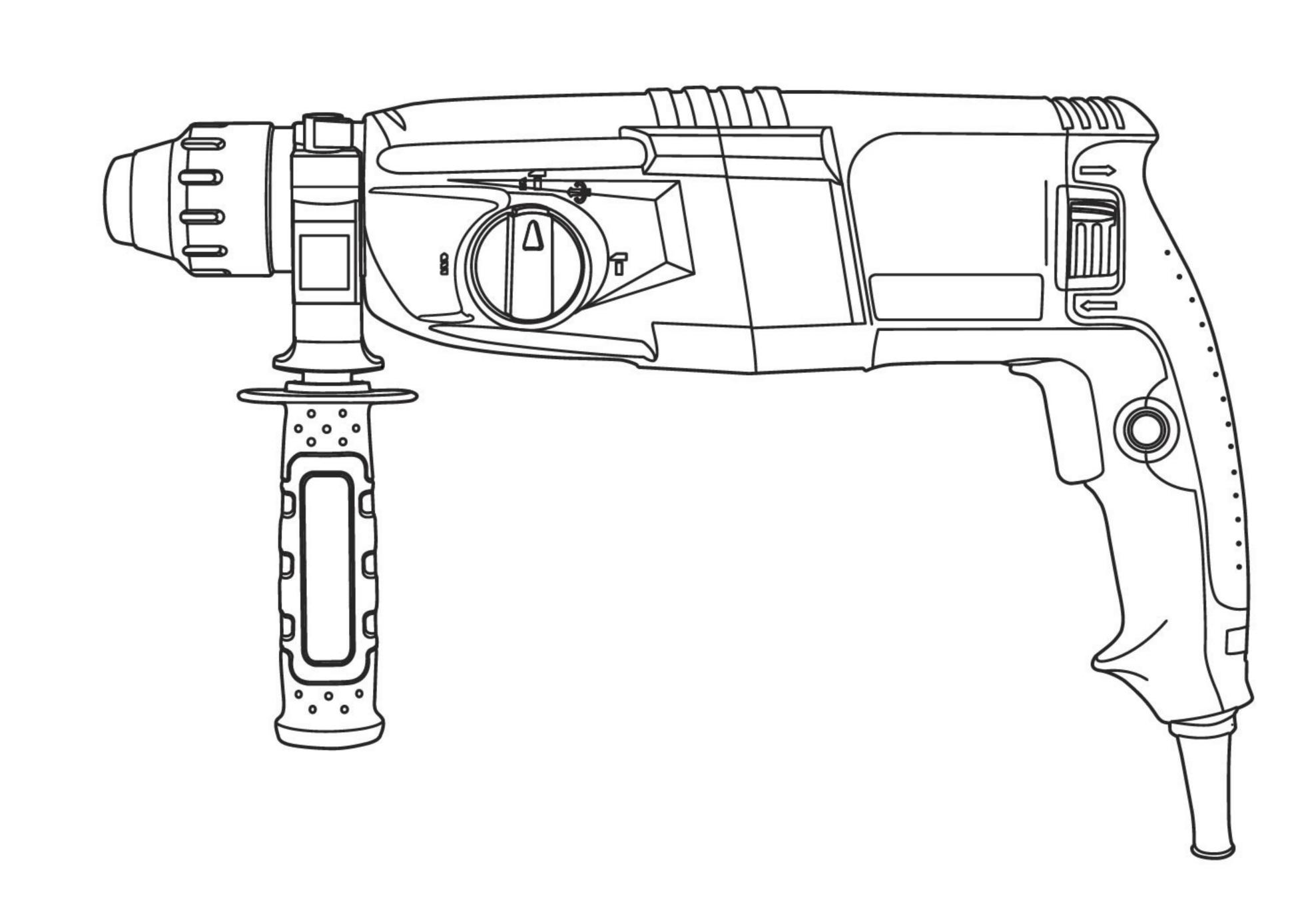
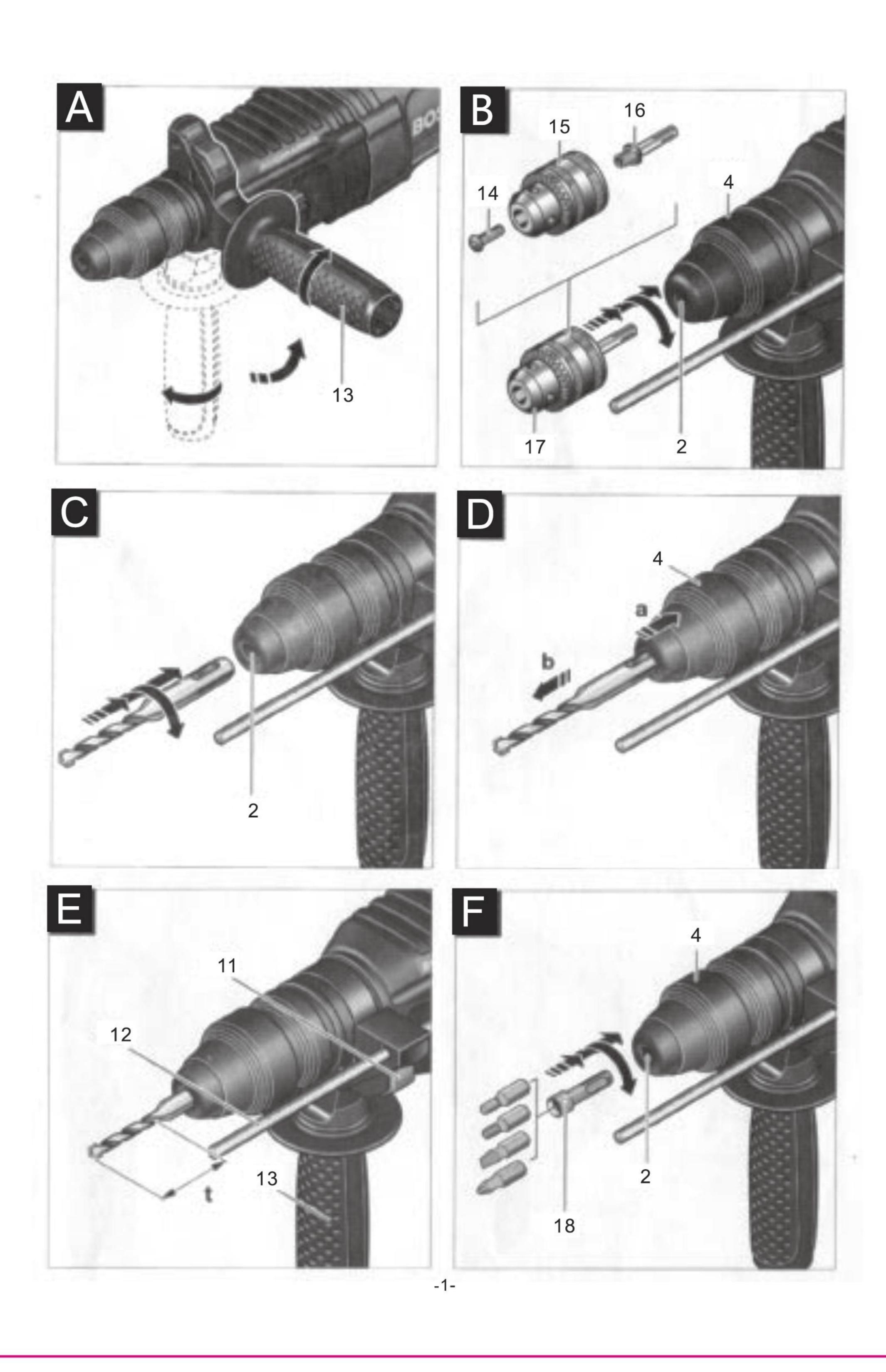


สว่านโรตารี 26 มม. ROTARY HAMMER MODEL PDRE08-M-EU



FOLLOW ALL ITS SAFETY RULES AND OPERATING INSTRUCTIONS.

ORIGINAL INSTRUCTIONS



1 SPECIFIC SAFETY RULES **FOR DRILL HAMMERS**



machine is possible only completely and the instructions contained therein are strictly followed. In addition, the general safety notes in the enclosed booklet must be observed. Before using for the first time, ask for a practical

To prevent damage to hearing, wear hearing protection. Wear safety glasses and sturdy shoes. For long hair, wear hair

Work only with close-fitting clothes. Dust produced while working can be detrimental to health, inflammable or explosive. Suitable protection measures are

Examples: some dusts are considered to be carcinogenic. Use suitable dust/chip extraction and wear a dust protection mask. Light metal dust can burn or explode. Always keep the work place clean since material mixtures are especially dangerous.

If the cable is damaged or cut through while working, do not touch the cable but immediately pull the power plug. Never use the machine with a damaged cable. Connect machines that are used in the open via a residual current device(RCD)with an actuating current of 30 mA maximun. Do not operate the machine in rain or moisture. Always direct the cable to the rear away from

Use suitable detectors to find hidden utility lines or call the local utility company for assistance. Contact with electric lines can lead to fire or electrical shock. Damaging a gas line can result in an explosion. Penetrating a water pipe will cause property damage or an electrical shock.

Operate the machine only with the auxiliary Secure the work piece. A work piece held

with clamping devices or in a vise is more secure than when held by hand. Place the machine on the nut/screw only when switched off.

danger of sliding off. When working, always hold the machine firmly with both hands and provide for a

Be careful when screwing in long screws,

secure stance. Always switch the machine off and wait until it has come to a standstill before placing it Never allow children to use the machine.

Overload Clutch

If the drill bit becomes jammed or caught, the drive to the drill spindle is interrupted. Because of the forces that occur as result, always hold the machine securely with both hands and take a firm stance.

2 FUNCTION

Product specifications

Rotary hammer **PROFESSIONAL**

INOILISIONAL		
Speed control		
Rotation stop		•
Right/ Left rotation		
Quick change drill chuck		
Rated input power	(W)	800
Impact rate at nominal rotational speed	(per min)	0-4900
Impact energy per stroke	(J)	3.0
Nominal speed		•
Right rotation		
Left rotation	(RPM)	0-1100
SDS-plus tool holder		
Spindle collar diameter	(mm)	50
Maximum drill diameter		
Masonry (core drill)	(mm)	68
Concrete	(mm)	26
Wood	(mm)	30
Steel	(mm)	13
Weight (without accessories) approx	(kg)	2.7
Protection class		□/II

The specification apply for the rated voltage of [U]220V. For lower voltages and with models for specific countries, the specifications can vary.

Noise/Vibration Information

Measured values determined according to EN 50 144. The A-weighted noise levels of the tool are typically: Sound pressure level:91 dB(A);

Sound power level: 104 dB(A). Wear ear protection!

The weighted acceleration is typically 12m/s².

Intended Use

drilling in concrete, brick and stone. They are likewise suitable for drilling without impact in wood, metal, ceramic and plastic. Machines with electronic control and right/left rotation are also suitable for screw driving and thread cutting.

These machines are intended for hammer

Product Elements

Please open the fold-out page with illustration of the unit and leave it open while you read these operating instructions.

1 SDS-plus quick change drill chuck 2 Tool holder (SDS-plus)

3 Dust protection cap 4 Locking sleeve

5 Quick change drill chuck locking ring 6 Right/Left rotation switch

7 Locking button 8 On/Off switch with speed control function

9 Unlocking button

10 Operational mode selection switch

11 Button on the auxiliary handle 12 Depth stop

13 Auxiliary handle

14 Screw for drill chuck

15 Drill chuck

16 SDS-plus adaptor for drill chuck

17 Assembled drill chuck 18 Universal holder for screwdriver bits

3 OPERATING INSTRUCTIONS

Auxiliary Handle(see Fig. A)

Operate the machine only with the auxiliary handle 13.By rotating auxiliary handle 13 to a comfortable position, a fatigue-free and therefore safe working position can be

Loosen the auxiliary handle 13 in the counter clockwise direction and adjust the handle to the desired working position. Ensure that the clamping band of the auxiliary handle located in the groove intended for it in the

Then retighten the auxiliary handle 13 by turning in the clockwise direction.

Selecting Drill Chucks and Tools

For hammer drilling and chiseling, SDS-plus tools are required that are inserted in a SDSplus drill chuck. For drilling in steel or wood, for screw driving and for thread cutting, tools without SDS-plus are used (for example, drills with cylindrical shafts). For these tools, a quick change keyless or a ring gear drill chuck

Do not use tools without SDS-plus for hammer drilling or chiseling! Tools without SDS-plus and their chucks are damaged by hammer drilling or chiseling.

The SDS-plus quick change drill chuck can

easily replaced with the keyless drill chuck

Inserting/Replacing the Drill Chuck Inserting the Drill Chuck for Working with

Tools without SDS-plus(see Fig. B) To work with tools without SDS-plus(e.g.drills with cylindrical shafts), a suitable drill chuck must be used. Screw the SDS-plus adaptor 16 (accessory) into the ring gear drill chuck 15. Secure the drill chuck with the screw 14. Clean the adapter shaft and lightly grease the

insertion end before inserting. Insert the shaft of the assembled drill chuck 17 with a twisting motion into the tool holder 2 until it can be heard to lock.

The adapter shaft locks itself. check the locking by pulling on the drill chuck. Removing the Drill Chuck

To remove the drill chuck 17, pull the locking sleeve 4 to the rear, hold in this position and remove the drill chuck from the tool holder.

Inserting/Replacing the Tool Take care when changing tools that the dust

protection cap 4 is not damaged.

SDS-plus Tools

The SDS-plus tool is designed to be freely movable. This causes eccentricity when the machine is not loaded. However, the drill automatically centers itself during operation. This does not affect drilling precision.

Inserting a SDS-plus Tool(see Fig. C) Place on the SDS-plus quick change drill chuck 1 (see Attaching the Quick Change Drill

Clean the tool before inserting and lightly grease the insertion end. Insert the tool with a twisting motion into the

tool holder 2 until it locks. The tool locks itself. Check the locking by pulling on the tool.

Removing SDS-plus Tools(Fig. 1) Pull the locking sleeve 5 to the rear (a), hold it in this position and remove the tool from the Tool without SDS-plus

Do not use tools without SDS-plus for hammer drilling or chiseling! Tools without SDS-plus and their drill are damaged by hammer drilling or chiseling.

Inserting the Tool Place on the ring gear drill chuck 17 (accessory)(see Inserting the Drill Chuck for Working with Tools without SDS-plus).

Turn the sleeve of the ring gear drill chuck in the counter clockwise direction until the tool holder is open wide enough. Insert the tool in the middle of the tool holder and clamp with the drill chuck key uniformly in all three holes. Tool Removal

Turn the sleeve of the ring gear drill chuck with the aid of the drill chuck key in the counter clockwise direction until the tool can be removed.

Setting the Drilling Depth(see Fig. 3) With the depth stop 12, the desired drilling depth t can be set. Press the button 11 of the auxiliary handle

handle 13 so that the grooved side of the depth stop points downward. Insert the SDS-plus tool to the stop into the tool holder 2. Otherwise, the freedom of motion of the SDS tool can lead to an incorrect setting of the drilling depth.

and insert the depth stop into the auxiliary

Pull out the depth stop so far that the distance between the drill tip and the tip of the depth

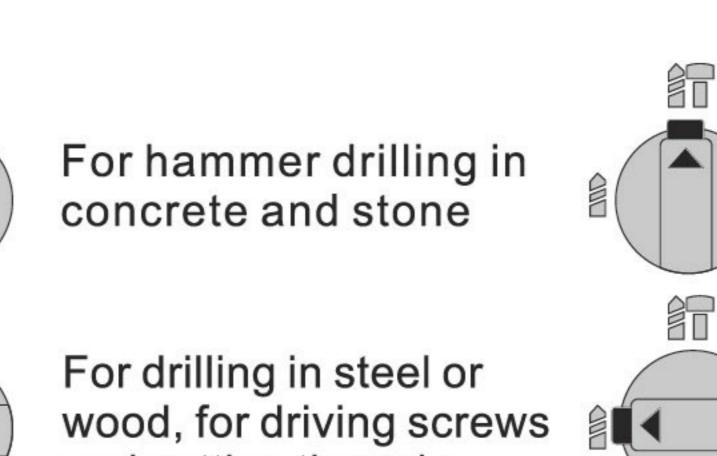
stop correspods to the desired drilling depth t.

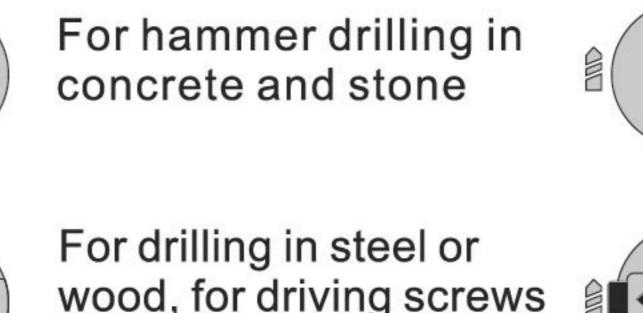
Putting into Operation

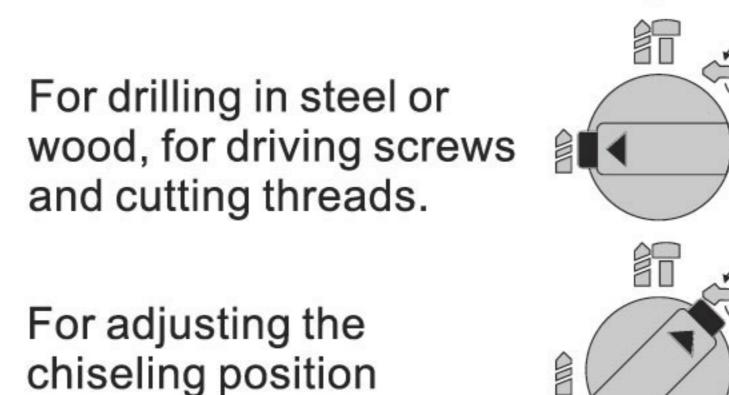
Always use the correct supply voltage! The voltage of the power source must agree with the value given on the nameplate of the machine .Machines designated for 230V can also be operated with 220V.

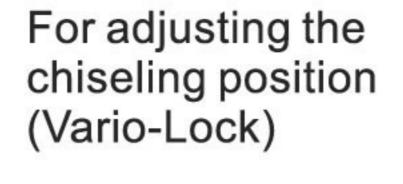
Set the Operating Mode With the operating mode selector switch 11, select the operating mode of the machine. Change the operating mode only when the machine is switched off! Otherwise ,the machine can be damaged.

To change the operating mode, press the locking button 10 and turn the operating mode selector switch 11 to the desired position until it can heard to latch.











Setting the Direction of Rotation

With the right/left rotation switch 6, the rotational direction of the machine can be Change the direction of rotation only when

the machine is switched off! Otherwise, the machine can be damaged. Right rotation: turn the right/left rotation switch 6 on both sides to the

Left rotation: turn the right/left rotation switch

6 on both sides to the stop in the position. Set the direction of rotation for hammer drilling and chiseling always for right rotation.

stop in the position.

Switching On/Off

To switch on the machine, press the on/off switch 8 to lock on, press the on/off switch 8 and lock by pressing the locking button 7. To switch off, release the on/off switch 8 when locked, first press the on/off switch 8 and then

Setting the speed

By increasing or decreasing the pressure on the on/off switch 8, the speed of the switched-on machine can be continuously

Reduced speed of the machine facilitates the starting of holes (e.g.on smooth surfaces such as tiles), prevents the slipping of the drill and the splintering of the drilled hole.

Recommended Speed Ranges: - Hing speed for hammer drilling in concrete or stone as well as for chiseling. - Medium speed for drilling in steel and

-Low speed for driving screws and cutting

Working Instructions

Maintenance

Before any work on the machine itself, pull the power plug.

For safe and efficient working, always keep the machine and the ventilation slots clean. Clean the tool holder each use.

The universal holder locks itself. Check the locking by pulling on the universal holder. To remove the universal holder 18, pull the

The SDS-plus tool can be turned in the tool

holder to various positions to achieve an

Turn the operating mode selection switch 10

position 🐠 (Vario-Lock). Then turn the tool

For chiseling turn the operating mode

selection switch 10 to position This locks the

To use screwdriver bits, a universal holder

with SDS-plus shaft 18 (accessory)is

Clean the adapter shaft and lightly grease the

Insert the universal holder 18 with a twisting

motion into the tool holder 2 until it locks.

optimum and low-fa-tigue working position.

in the tool holder to the desired position.

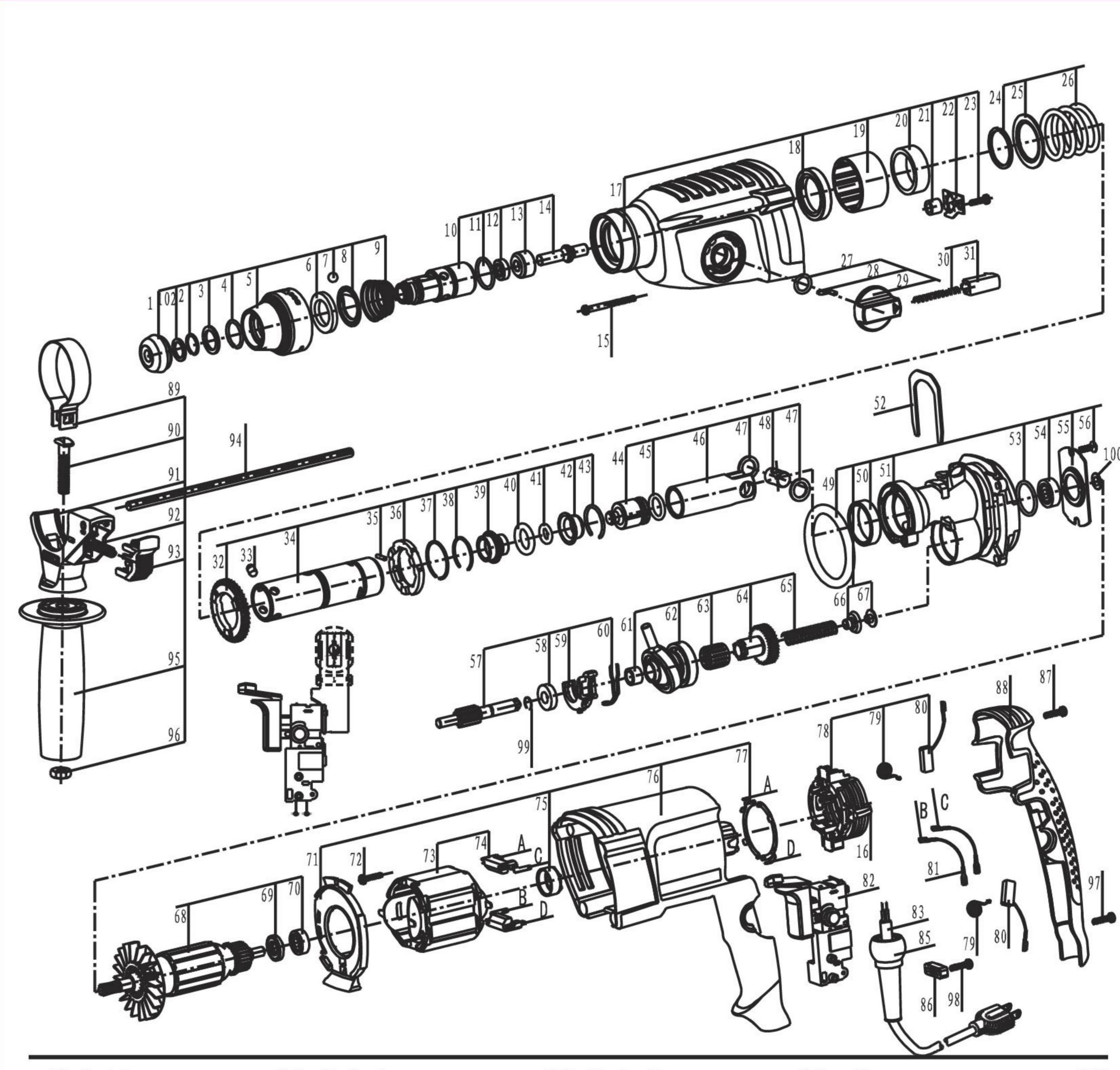
Screw driving (see Fig. 13)

insertion end before inserting.

locking sleeve 4 to the rear, hold it in this position and remove the universal holder from the tool holder.

4 MAINTENANCE AND SERVICE

Replacing the Dust Cap Replace the dust protection cap 4 without delay if it is damaged. A damaged dust protection cap can allow dust to penetrate into the tool holder and lead to malfunctions. Have the replacement of the dust protection cap performed by a customer service agent.



0	Description	QTY	NO	Description	QTY	NO	Description	QTY	NO	Description	QT
	DUST CAP	1	26	ROTOR SLEEVE SPRING	1	51	BRACKET	1	76	GEAR HOUSING	1
	SNAP RING 14x1.5 mm	1	27	MODEL SELECTOR O RING 11x2.5	1	52	BRACKET PRESSURE FORK	1	77	spring piece	2
	WASHER 16x22x1 mm	1	28	MODEL SELECTOR IRON CORE	1	53	609 BEARING O RING 23.2x2.4	1	78	CARBON BRUSH HOLDER	1
	SNAP RING 19x2 mm	1	29	MODEL SELECTOR KNOB	1	54	609 BEARING	1	79	SPRING	2
	PROTECTIVE SLEEVE	1	30	MODEL SELECTOR SPRING 5.8*44	1	55	609 BEARING RETAINER	1	80	CARBON BRUSH	2
	WASHER 21x32x4 mm	1	31	MODEL SELECTOR RED BUTTON	1	56	M4*10 BOLT	2	81	STATOR INSERT LINE 98mm	2
	STEEL BALL C7.14	1	32	40 DENS BIG GEAR	1	57	MD AXIAL	1	82	SWITCH	1
	WASHER	1	33	DRILL COVER POSITION LIMITED STEEL BALL	4	58	699 BEARING	1	83	CABLE	1
	SPRING	1	34	CONNECTING DRILL COVER	1	59	MODEL SELECTOR FORK	1	85	PROTECTIVE SLEEVE	1
)	DRILL COVER	1	35	POSITION PIN 2.5x12 mm	3	60	MODEL SELECTOR FORK SPRING	1	86	PRESS CABLE BOARD	1
	DRILL COVER O RING 21.5x2 mm	1	36	LOCATION RETAINING RING	1	61	HK0908 NEEDLE BEARING	1	87	SELF TAPPING SCREW ST4.2*22	1
	OIL SEAL 9x16x5 mm	1	37	STEEL WIRE RING 28x1.5 mm	1	62	AWAY POLED BEARING	1	88	BACK COVER	1
}	SPINDLE ROD POSITION RING	1	38	SPINDLE SET POSITION LIM ITED SPRING 27.5x1.5 mm	1	63	K15 BEARING	1	89	HANDLE IRON RING	1
	SPINDLE ROD	1	39	SPINDLE SET	1	64	33 DENS SLANTING GEAR	1	90	T BOLT	1
)	SELF TAPPING SCREW ST4.5x44	4	40	SPINDLE SET O RING18*3.5 mm	1	65	GEAR ADJUSTING SPRING	1	91	GRIP BASE	1
,	carbon brush spring	1	41	POSITION LIM ITED O RING 9x3.5	1	66	SPRING SEAT(PLASTIC)	1	92	DEPTH GUAGE LOCK SPRING	1
	CYLINDER HOUSING	1	42	POSITION LIM ITED COVER	1	67	POSITION LIM ITED (IRON) WASHER	1	93	DEPTH GUAGE LOCK	1
}	OIL SEAL 30x41x7 mm	1	43	INNER STEEL WIRE SPRING28x2 mm	1	68	ROTOR	1	94	DEPTH GUAGE	1
)	HK3012 bearing	1	44	PISTON	1	69	DUST PROOF PLASTIC WASHER	1	95	AUXILIARY HANDLE	1
)	HK3012 NEEDLE BEARING	1	45	POSTON O RING 15.1x3 mm	1	70	607 BEARING	1	96	MB NUT	1
	HK0709 NEEDLE BEARING	1	46	CYLINDER	1	71	BOARD AGAINST WIND	1	97	SELF TAPPING SCREW ST4.2x16	1
	9 DENS WASHER	1	47	CYLINDER PIN WASHER	2	72	ST3.5x16 SELF TAPPING SCREW	2	98	SELF TAPPING SCREW ST4x16	2
}	ST4.2*16 SELF TAPPING SCREW	1	48	CYLINDER PIN	1	73	STATOR	1	99	MD AXIAL spring	2
	OUTER FLAT RING	1	49	BEACKET O RING 53x7 mm	1	74	ELECTRIC DISCRETENESS	2	100	609 bearing w asher 9.3*13*0.5	1
)	ROTOR SLEEVE WASHER 30x43x1.	.5 1	50	BRACKET SLEEVE	1	75	MARBLE SET	1	102	dust cap w asher 1 1*17*1	1
											1