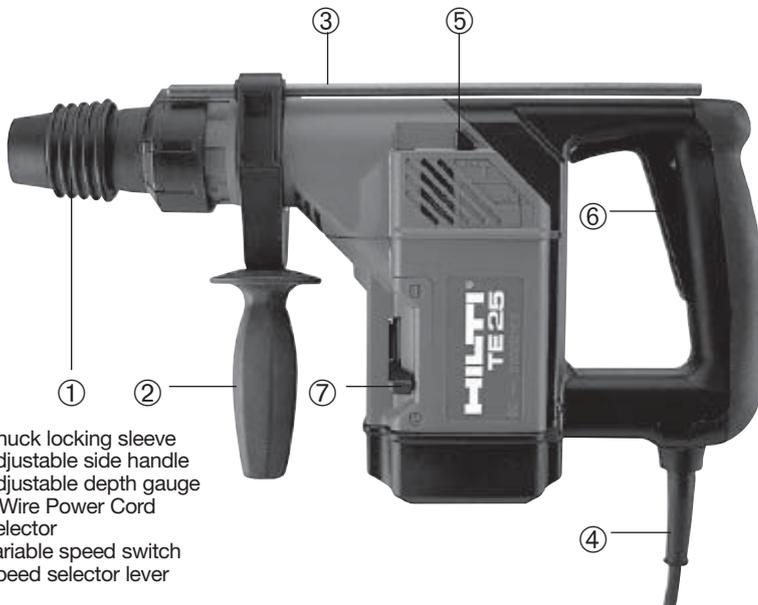


Rotary Hammer Drill 3 Wire Grounded Construction

HILTI



- ① Chuck locking sleeve
- ② Adjustable side handle
- ③ Adjustable depth gauge
- ④ 3 Wire Power Cord
- ⑤ Selector
- ⑥ Variable speed switch
- ⑦ Speed selector lever



Always wear ear protectors.



Always wear protective gloves.



Always wear safety glasses.



Protective earthing

This Product is UL listed



Technical Data

Input power:	830 W
Voltage:	120 Volts AC
Current:	7.0 Amps
Frequency:	50/60 Hz
Full-load speed:	1 st speed 0–310/min. 2 nd speed 0–640/min.
Percussion:	0–3720 impacts/min.
Single impact energy:	3.8 Joule / 2.2 ft lbs.

Dimensions

Length without bit:	13 ¹ / ₈ "
Height:	7 ³ / ₄ "
Width:	3 ¹ / ₂ "
Closest hole to corner:	1 ¹ / ₈ "
Weight:	11 lbs.
Cord Length:	12 feet

Features

- Grounded Construction with 3 Wire Power Cord
- Slip Clutch
- Two drilling modes: hammer drilling and drilling only
- 1/2" keyless chuck accepts twist bits for drilling into wood and steel
- Permanent Lubrication
- Three-finger variable speed switch
- Keyless chuck

Capacity

Drill Bit Range:	
Concrete / Masonry:	3/16–1 ¹ / ₂ "
Wood / Plastic:	3/16–1 ¹ / ₄ "
Steel:	3/16–1 ¹ / ₂ "

Safety Instructions

Warning:
When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

Do not use this product in any way other than as directed by these operating instructions.
The respective regulations of your trade association and the enclosed safety precautions must be observed.
The operating instructions should always be kept with the machine!

General safety rules

1. WARNING!

Read and understand all instructions.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

2. Work Area

2.1 **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.

2.2 **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.

2.3 **Keep bystanders, children and visitors away while operating a power tool.** Distractions can cause you to lose control.

3. Electrical Safety

3.1 **Grounded tools must be plugged into an outlet properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adaptor plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.** If the tools should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.

Applicable only to Class I (grounded) tools.

3.2 **Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.** Double insulation eliminates the need for the three-wire grounded power cord and grounded power supply system.

Applicable only to Class II tools.

3.3 **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is

an increased risk of electric shock if your body is grounded.

3.4 **Don't expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

This instruction need not be provided for tools classified watertight or splashproof.

3.5 **Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.** Damaged cords increase the risk of electric shock.

3.6 **When operating a power tool outside, use an outdoor extension cord marked «W-A» or «W».** These cords are rated for outdoor use and reduce the risk of electric shock.

4. Personal Safety

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

4.2 **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.

4.3 **Avoid accidental starting. Be sure switch is off before plugging in.** Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.

4.4 **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.

4.5 **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.

4.6 **Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat or hearing protection must be used for appropriate conditions.

5. Tool Use and Care

5.1 **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body is unstable and may lead to loss of control.

5.2 **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.

5.3 **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.

5.4 **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.

5.5 **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.

5.6 **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.

5.7 **Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tools operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.

5.8 **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool may become hazardous when used on another tool.

6. Service

6.1 **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.

6.2 **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

Additional Specific Safety Rules:

101 **Hold tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a «live» wire will make exposed metal parts of the tool «live» and shock the operator.

102 **Wear ear protectors when using the tool for extended periods.** Prolonged exposure to high intensity noise can cause hearing loss.

Operation – Set up

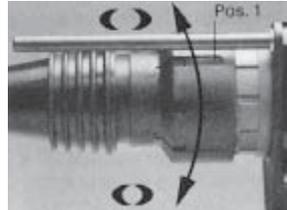
1. Power Source:

Before connecting your TE25 to an outlet, insure that the power supply is 115 volts AC, 50/60 Hz.

Shorten the start-up time at low temperatures by jolting the drill bit briefly against the work surface when starting the TE25.

2. Side Handle and Depth Gauge Adjustment:

The side handle can be moved through 360° and clamped in any desired position. Release the side handle and set the depth gauge to the desired position.



3. Chuck Lubrication:

The connection end of the drill bit should be cleaned regularly and lubricated very sparingly with Hilti grease.

Operation – Hammer Drilling

Fig. 1: Insertion of TE-C drill bit / tool

Insert connection end in any position, turn it until the grooves engage and it can be inserted further. Pull back sleeve (1) and push tool as far as it will go. Release sleeve (1). To remove tool, pull back sleeve (1) and take out tool.

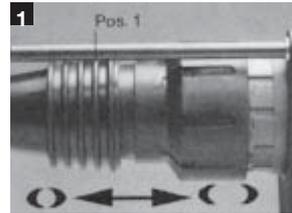


Fig. 2: Rotary hammer drilling

To hammer drill into concrete, masonry and stone, shift setting lever to indicated rotary hammer drilling position (symbol ).



Operation – Rotary Drilling

Fig. 3: Rotary drilling only

Shift setting lever to indicated rotary drilling only position (symbol ). At this setting, only the rotary action is transmitted to the drill bit.



Fig. 4: Changing the chuck

Turn sleeve (1) to right (symbol ) and take off complete chuck. When attaching chuck, press on until it touches striker. Turn sleeve (1) to left (symbol ) and lock. Always make sure the chuck is locked properly.

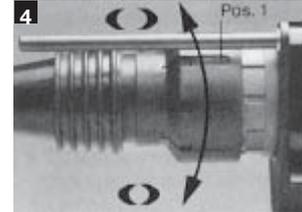


Fig. 5: Selecting the correct speed

If the wrong speed is selected, the life of the TE25 and drill bit / tool will be shortened. Select the correct speed, as shown in the following table:

1 = low r.p.m., 2 = high r.p.m. **Don't change speeds while the TE25 is under load.**

Recommended speeds:

	1 st speed:	2 nd speed:
	0-310 r.p.m.	0-640 r.p.m.
TE-C		
Drill bit	7/8"-1/2" dia.	3/16"-3/4" dia.



Note: A major feature is the infinitely variable speed switch for the RPM and hammering speed

which enables you to drill with pinpoint accuracy.

● Use low drill speed (RPM) for centering the drill bit in the base material.

● Use full speed for drilling the hole.

Light-duty chiselling

Using an additional chisel adaptor from Hilti, the TE25 can also be used for light chiselling work in individual cases. Never

use a chisel in the TE-C chuck. The rotary action could cause accidents and the life of the TE25 will be greatly reduced. Please refer to the separate operating instructions for the chisel adaptor.

Rotary drilling

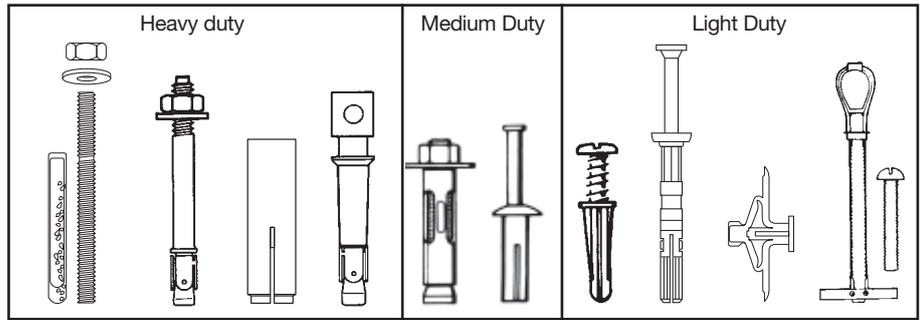
The TE25 can also be used for rotary drilling using an additional quick-release chuck from Hilti. **Change this chuck as under Fig 4.**

TE Bit and Anchor Selector Chart

Setting Tools (HDI Setting Equipment)

HDI Anchor	Manual Setting Device	
Size	Description	Item No.
HDI 1/4	1/4" Hand Setting Tool	00032978
HDI 3/8	3/8" Hand Setting Tool	00032979
HDI 1/2	1/2" Hand Setting Tool	00032980
HDI 5/8	5/8" Hand Setting Tool	00032981
HDI 3/4	3/4" Hand Setting Tool	00032982

HST (Hand Setting Tool)



Bits

Anchors

Item no.	Description	Dia-meter	Length	Effective Drilling Depth	HVA	Kwik-Bolt II	HDI Drop in	HKT II 14	Sleeve Anchor	Metal HIT	Plastic Screw Anchor	HPS	Kwik Tog	Toggle Bolt
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00028024	TE-C ⁺ -3/16-5	3/16"	5"	3"	-	-	-	-	3/16	3/16	3/16	3/16	-	-
00028025	TE-C ⁺ -1/4-4	1/4"	4"	2"	-	1/4	-	1/4	1/4	1/4	1/4	1/4	-	-
00028026	TE-C ⁺ -1/4-6	1/4"	6"	3 1/2"	-	1/4	-	1/4	1/4	1/4	1/4	1/4	-	-
00028027	TE-C ⁺ -1/4-8	1/4"	8"	5 1/2"	-	1/4	-	1/4	1/4	1/4	1/4	1/4	-	-



00028028	TE-C ⁺ -5/16- 6	5/16"	6"	3 1/2"	-	-	-	-	5/16	-	-	5/16	-	-
00028029	TE-C ⁺ -5/16-12	5/16"	12"	9 1/2"	-	-	-	-	5/16	-	-	5/16	-	-
00028030	TE-C ⁺ -3/8- 6	3/8"	6"	3 1/2"	-	3/8	1/4	-	3/8	-	-	-	KT-2	-
00028031	TE-C ⁺ -3/8-12	3/8"	12"	9 1/2"	-	3/8	1/4	-	3/8	-	-	-	KT-3	-
													KT-4	-
00028032	TE-C ⁺ -7/16- 6	7/16"	6"	3 1/2"	-	-	-	-	-	-	-	-	-	-
00028033	TE-C ⁺ -7/16-12	7/16"	12"	9 1/2"	-	-	-	-	-	-	-	-	-	-
00028034	TE-C ⁺ -7/16-18	7/16"	18"	15 1/4"	-	-	-	-	-	-	-	-	-	-
00028035	TE-C ⁺ -15/32- 6	15/32"	6"	3 1/2"	3/8	-	-	-	-	-	-	-	-	-
00028036	TE-C ⁺ -15/32-12	15/32"	12"	9 1/2"	3/8	-	-	-	-	-	-	-	-	-
00028037	TE-C ⁺ -1/2- 6	1/2"	6"	3 1/2"	-	1/2	3/8	-	1/2	-	-	-	-	3/16 1/4
00028038	TE-C ⁺ -1/2-12	1/2"	12"	9 1/2"	-	1/2	3/8	-	1/2	-	-	-	-	3/16 1/4
00028039	TE-C ⁺ -1/2-18*	1/2"	18"	15 1/4"	-	1/2	3/8	-	1/2	-	-	-	-	3/16 1/4
00028040	TE-C ⁺ -9/16- 6	9/16"	6"	3 1/2"	-	-	-	-	-	-	-	-	-	-
00028041	TE-C ⁺ -9/16-12*	9/16"	12"	9 1/2"	1/2	-	-	-	-	-	-	-	-	-
00028042	TE-C ⁺ -9/16-18*	9/16"	18"	15 1/4"	1/2	-	-	-	-	-	-	-	-	-



00028043	TE-C-S-5/8- 8	5/8"	8"	5 1/2"	-	5/8	1/2	-	5/8	-	-	-	-	-
00028044	TE-C-S-5/8-12*	5/8"	12"	9 1/2"	-	5/8	1/2	-	5/8	-	-	-	-	-
00028045	TE-C-S-5/8-18*	5/8"	18"	15 1/4"	-	5/8	1/2	-	5/8	-	-	-	-	-
00028046	TE-C-S-11/16- 6*	11/16"	6"	3 1/2"	-	-	-	-	-	-	-	-	-	-
00028047	TE-C-S-11/16-12*	11/16"	12"	9 1/2"	5/8	-	-	-	-	-	-	-	-	-
00028048	TE-C-S-11/16-18	11/16"	18"	15 1/4"	-	-	-	-	-	-	-	-	-	-
00028618	TE-C-S-3/4- 8*	3/4"	8"	5 1/2"	-	3/4	-	-	3/4	-	-	-	-	3/8 1/2
00028619	TE-C-S-3/4-12*	3/4"	12"	9 1/2"	-	3/4	-	-	3/4	-	-	-	-	3/8 1/2
00028620	TE-C-S-3/4-18*	3/4"	18"	15 1/4"	-	3/4	-	-	3/4	-	-	-	-	3/8 1/2
00028621	TE-C-S-13/16-18*	13/16"	18"	15 1/4"	-	-	-	-	-	-	-	-	-	-
00028622	TE-C-S-27/32- 8*	27/32"	6"	3 1/2"	-	-	5/8	-	-	-	-	-	-	-
00028623	TE-C-S-27/32-12*	27/32"	12"	9 1/2"	-	-	5/8	-	-	-	-	-	-	-
00028624	TE-C-S-7/8-10*	7/8"	10"	7 1/2"	3/4	-	-	-	-	-	-	-	-	-
00028625	TE-C-S-7/8-18*	7/8"	18"	15 1/4"	3/4	-	-	-	-	-	-	-	-	-
00028626	TE-C-S-1-10*	1"	10"	7 1/2"	7/8	1	3/4	-	-	-	-	-	-	-
00028627	TE-C-S-1-18*	1"	18"	15 1/4"	7/8	1	3/4	-	-	-	-	-	-	-
00028060	TE-C-S-1-27*	1"	27"	24 1/4"	7/8	1	3/4	-	-	-	-	-	-	-

TE-C-GB Cruciform Bits



000220629	TE-C-GB 1 1/8-18	1 1/8"	18"	14"	-	-	-	-	-	-	-	-	-	-
000220630	TE-C-GB 1 1/4-18	1 1/4"	18"	14"	-	-	-	-	-	-	-	-	-	-
000220631	TE-C-GB 1 1/2-18	1 1/2"	18"	14"	-	-	-	-	-	-	-	-	-	-

Keyless Chuck

Optional chuck for drilling in wood / steel or plastic using smooth shank bits.



Item no.	Description	For use with:
000302018	1/2" Keyless Chuck	Smooth Shank Bits to 1/2" Diameter
Bit / Accessory Letter Code: Code = Drill		TE-C (SDS-Plus) = TE 10 / TE 10A / TE 12 / TE 12 S / TE 14 / TE 17 / TE 18 TE-C TE 22 / TE 22-P / GP 22 * These bits for TE 12 S / TE 14 / TE 17 / TE 18 / TE 22 / TE 22-P / GP 22

Servicing

All repairs and adjustments to the Hilti TE25 including inspection and replacement of brushes, switch, and power cord, should be performed at a Hilti-Repair Center. When servicing use only identical replacement parts, as shown on the parts list.

Preventive maintenance

Check for worn or frayed cord. Keep the air passages for the motor clear of dirt and dust. The TE25 is permanently lubricated.

Manufacturer's warranty – tools

Hilti warrants that the tool supplied is free of defects in material and workmanship. This warranty is valid so long as the tool is operated and handled correctly, cleaned and serviced properly and in accordance with the Hilti Operating Instructions, and the technical system is maintained. This means that only original Hilti consumables, components and spare parts may be used in the tool.

This warranty provides the free-of-charge repair or replacement of defective parts only over the entire lifespan of the tool. Parts requiring repair or replacement as a result of normal wear and tear are not covered by this warranty.

Additional claims are excluded, unless stringent national rules prohibit such exclusion. In particular, Hilti is not oblig-

ated for direct, indirect, incidental or consequential damages, losses or expenses in connection with, or by reason of, the use of, or inability to use the tool for any purpose. Implied warranties of merchantability or fitness for a particular purpose are specifically excluded.

For repair or replacement, send tool or related parts immediately upon discovery of the defect to the address of the local Hilti marketing organization provided.

This constitutes Hilti's entire obligation with regard to warranty and supersedes all prior or contemporaneous comments and oral or written agreements concerning warranties.

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