



228867

TE15

Operating instructions
Mode d'emploi
Manual de instrucciones



Safety precautions for double-insulated tools

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:

Read all instructions

- 1. Keep Work Area Clean.** Cluttered areas and benches invite injuries.
- 2. Consider Work Area Environment.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Do not use tool in presence of flammable liquids or gases.
- 3. Guard Against Electric Shock.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
- 4. Keep Children Away.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
- 5. Store Idle Tools.** When not in use, tools should be stored in dry, and high or locked-up place – out of reach of children.
- 6. Don't Force Tool.** It will do the job better and safer at the rate for which it was intended.
- 7. Use Right Tool.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended – for example – don't use circular saw for cutting tree limbs or logs.
- 8. Dress Properly.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- 9. Use Safety Glasses.** Also use face or dust mask if cutting operation is dusty.
- 10. Don't Abuse Cord.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- 11. Secure Work.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.

12. Don't Overreach / Maintain Control. Keep proper footing and balance at all times.

13. Maintain Tools With Care. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.

14. Disconnect Tools. When not in use, before servicing and when changing accessories, such as blades, bits, cutters.

15. Remove Adjusting Keys and Wrenches. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

16. Avoid Unintentional Starting. Don't carry tool with finger on switch. Be sure switch is off when plugging in.

16A. Extension Cords. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Extension Cord Table

Volts	Total Length of Cord in Feet			
	0-25	26- 50	51-100	101-150
120 V				
240 V	0-50	51-100	101-200	201-300

Ampere Rating AWG

More Than		Not More Than			
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not recommended	

17. Outdoor Use Extension Cords. When tool is used outdoors, use only extension cords intended for use outdoors and so marked.

18. Stay Alert. Watch what you are doing. Use common sense. Do not operate tool when you are tired.

19. Check Damaged Parts. Before further use of the tool, a

guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.

20. Only use accessories and attachments which are given in the operating instructions or in the respective catalogue. The use of accessories or insert tools or attachments other than those specified in the operating instructions can result in personal injury to you.

21. Only have repairs carried out by recognized electrical specialists. This electric tool/machine complies with respective safety regulations. Repairs may only be carried out by an electrical specialist otherwise an accident hazard for the operator can exist.

22. Wear ear protectors when using for extended periods.

23. Always use any supplied side handle, and keep it tightly secured; use both hands during operation. Keep proper footing and balance and don't overreach. Firm control of the tool is necessary should the tool bind.

24. Hold Tool by Handle(s) Provided. Do not touch uninsulated parts of tool when drilling. Exposed metal surfaces may be made live if the tool drills into electrical wiring.

25. Replacement Parts. When servicing use only identical replacement parts.

26. Polarized Plugs. To reduce the risk of electric shock, this equipment has 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 the proper outlet. Do not change the plug in any way.

Please read and take note of these precautions before you use the tool/machine and keep these safety precautions in a safe place!

SAVE THESE INSTRUCTIONS

Hilti TE 15 Rotary Hammer Drill



Technical data

Input power:	650 W
Voltage (versions):	115 V, 230 V,
Input current:	6.3 A, 2.9 A
Frequency:	50–60 Hz
Speed under load:	0–700 r.p.m.
Hammering under load:	0–3800 impacts/min.
Single impact energy:	2.2 Joule / 1.6 ft-lb
Drill bit size range:	5–25 mm / $\frac{3}{16}$ "–1" dia.
Optimal performance dia.:	10–16 mm / $\frac{3}{8}$ "– $\frac{5}{8}$ "
Drilling performance in medium-grade concrete with 12 mm / $\frac{1}{2}$ " dia. drill:	42 cm ³ /min. (2.56 in ³ /min.) $\hat{=}$ 370 mm/min.
Chuck type:	TE-C
Drill bit connection end:	TE-C
Automatic cut-out brushes	
Double insulation, class II	
With slip clutch	
Dust-tight enclosure, central and permanent lubrication (maintenance free)	
Variable speed switch	
Side handle adjustable with depth gauge	



Always wear ear protectors.



Always wear protective gloves.



Always wear safety glasses.



Double insulation

This Product is
UL listed and CSA certified



Before starting to work, please read the enclosed safety precautions.

Right of technical modifications reserved.

Please note before start-up:

1. The electric supply must be the same as given on the machine nameplate.
2. This machine is double insulated and need not be grounded (earthed).
3. Do not exert undue pressure on the machine. This will not increase its performance. Just position the bit and guide it into the hole.

Lubrication of chuck: The chuck is not incorporated in the lubricating system of the machine. The drill bit connection end, therefore, must be cleaned regularly and sprayed sparingly with Hilti lubricant.

Start-up time at low temperatures: Shorten it by jolting the drill bit once against the base material during the start-up.

Servicing:
Electric tools comply with respective safety regulations. Servicing must, therefore, be carried out only by qualified electrical specialists. For your safety, only use original Hilti repair parts.

Operating:

Fig. 1: Insertion of drill bit

Turn chuck to the left (symbol ☺). Insert drill bit in any position until resistance is felt. Then turn it until it moves in farther. Turn chuck to right and lock drill bit in place (symbol ☹).

Fig. 2: Rotary hammer drilling

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

Fig. 3: Rotary drilling

Shift setting sleeve to indicated rotary drilling position (symbol ⚙). Only the rotary action is transmitted to the drill bit in this position.

Fig. 4: Changing the chuck

Pull forward sleeve and completely remove chuck. When attaching chuck pull forward sleeve and hold it there. Press chuck onto guide tube as far as it will go. Release sleeve. Turn chuck until steel balls snap into place.

Note:

On attaching a keyless chuck, the hammering action is automatically cut out i. e. rotary drilling only is obtained.

Fig. 5: Side handle/depth gauge

Unscrew side handle to release depth gauge. Adjust depth gauge and retighten.

Double insulation

The Hilti TE15 Hammer Drill is doubleinsulated for extra operator protection. The tool is equipped with a two-wire cord and two-prong plug which can be used on standard 115 volts outlets. No grounding of the tool is necessary.

