

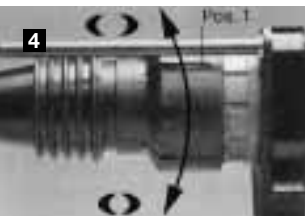
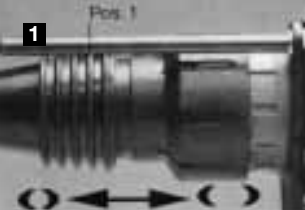
**TE 25**

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**Bedienungsanleitung  
Operating instructions**



# Hilti TE 25 Rotary Hammer Drill



## EG declaration of conformity

Designation: Rotary Hammer

Serial numbers: XX/0000001-9999999/XX

Model/type: TE 25

Year of design: 1996

We declare under our sole responsibility that this product is in conformity with the following standards or standardisation documents:

EN 50144, EN 55014 or EN 55011, EN 60555 according to the provisions of the directives 73/23/EEC, 89/336/EEC, 89/392/EEC

Hilti Corporation

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11/1996

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## Technical data

Input power:	830 W					
Voltage (versions):	100 V	110 V	120 V	220 V	230 V	240 V
Input current:	8.7 A	7.9 A	7.2 A	3.9 A	3.8 A	3.6 A
Frequency:	50–60 Hz					
Machine weight:	4,9 kg					
Speed under load:	1 <sup>st</sup> speed 0–310 r.p.m. 2 <sup>nd</sup> speed 0–640 r.p.m.					
Hammering under load:	0–3720 blows/min.					
Single impact energy:	3.8 Joule					
Drill bits for concrete:	5–38.5 mm dia.					
Recommended diameter range:	12–20 mm dia.					
Drilling performance in medium-grade concrete:	16 mm dia. = 60 cm <sup>3</sup> /min. = 300 mm/min.					
TE-CX/C drill bit	5–17.5 mm dia.					
TE-C-S drill bit	8–28 mm dia.					
TE-C-GB drill bit	30–38.5 mm (1 1/2")					
TE-C-BK percussion core bit	66–90 mm dia.					
TE-C-HB bit for concrete forms	10–35 mm dia.					
Chuck type:	TE-C					
Automatic cut-out brushes						
Double insulation, class II, CENELEC EN 50144						
Radio and T.V. interference suppression as per EN 55014						
Slip clutch for protection against overloading and accidents						
Dust-tight enclosure; permanent lubrication (maintenance free)						
Variable speed control switch						
Adjustable side handle with depth gauge						
Typically the A-weighted noise levels of the tool are:						
– sound pressure level:	89 dB (A)					
– sound power level:	102 dB (A)					
Wear ear protection.						
The typical weighted acceleration is 11 m/s <sup>2</sup> .						
Right of technical modifications reserved						

**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!**

## Remember before starting to work:

When working with the machine, it must be held two hands. Always make sure that you have a safe stance / foothold.

1. The electric supply must be the same as given on the TE25 nameplate.
2. The TE25 is double insulated and **must not**, therefore, **be grounded** (earthed).
3. Applying excessive pressure will not increase the TE25's performance. Just position the bit and guide it into the hole.
4. Check that you have set the right speed.

**Please refer to the enclosed safety precautions.**

**Clean the drill bit:** The chucks is not incorporated in the lubricating system of the TE25. Drill bit connection ends must therefore be cleaned regularly and lubricated with Hilti grease.

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

## Operation:


### 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 ).

### 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 <sup>st</sup> speed: 0-310 r.p.m.	2 <sup>nd</sup> speed: 0-640 r.p.m.
TE-CX/C Drill bit	22-38.5 mm dia.	5-20 mm dia.
TE-C-BK Percussion core bit	66-90 mm dia.	

### Light-duty chiselling:

Using an additional chisel adaptor from Hilti, the TE25, can also be used for light chiselling work 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 procedure: a) put quick-release chuck onto striker; b) turn chuck until it snaps into the double spline; c) lock as shown by photo 4.

### 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 spare parts.**

months from the date of the sale (invoice date), 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. 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 obligated 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 and/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.

## Warranty

Hilti warrants that the tool supplied is free of defects in material and workmanship. This warranty is valid as long as the tool is operated and handled correctly, cleaned and serviced properly and in accordance with the Hilti Operating Instructions, all warranty claims are made within 12