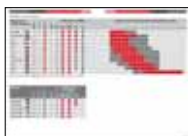


# Drilling and Demolition

Hilti. Outperform. Outlast.





**Introduction**

Application and tool selector Page 20-21



**Cordless rotary hammers**

Cordless rotary hammer TE 2-A22 Page 22  
 Cordless rotary hammer TE 6-A36-AVR Page 23  
 Accessories for cordless rotary hammers Page 24



**Corded rotary hammers**

Rotary hammer TE 2 Page 25  
 Rotary hammer TE 2-M Page 26  
 Rotary hammer TE 7 Page 27  
 Rotary hammer TE 7-C Page 28  
 Rotary hammer TE 30 Page 29  
 Rotary hammer TE 30-C-AVR Page 30  
 Rotary hammer TE 40 Page 31  
 Accessories for corded rotary hammers Page 32



**Combihammers**

Combihammer TE 50 Page 35  
 Combihammer TE 70B Page 36  
 Accessories for combihammers Page 37



**Demolition hammers and breakers**

























































































Breaker TE 500 Page 39  
 Breaker TE 700-AVR Page 40  
 Breaker TE 1000-AVR Page 41  
 Breaker TE 1500-AVR Page 42  
 Breaker TE 3000-AVR Page 43  
 Accessories for hammers and breakers Page 44








































**Consumables**

Hammer drill bits TE-CX Page 33-34  
 Hammer drill bits TE-YX Page 38  
 Chisels Page 45-48

Application and tool selector

Rotary and combi hammer	Wattage (W) / Voltage (V)	Weight (kg)	Ratio drilling / chiselling	Working direction	Drill bit connection end	Material for drilling			
						Highly reinforced concrete	Concrete/ Granite/ Stone/ Solid brick	Hollow brick/ Tile	Wood/ Metal
TE 2-A22 	22 V	2.7							
TE 6-A36-AVR 	36 V	4.0							
TE 2 	650 W	2.7							
TE 2-M 	650 W	2.9							
TE 7 	710 W	2.9							
TE 7-C 	720 W	3.5							
TE 30 	850 W	4.0							
TE 30-C-AVR 	850 W	4.2							
TE 40 	1010 W	5.5							
TE 50 	1050 W	5.7							
TE 70 	1600 W	7.7							

 = approx. 50% drilling, 50% chiselling  = approx. 90% drilling, 10% chiselling  = optimal  = occasional

Breaker	Wattage (W)	Weight (kg)	Ratio drilling / chiselling	Working direction	Chisel connection end	Material for chiselling			Page
						Highly reinforced concrete	Concrete / Granite / Stone / Solid brick	Hollow brick/ Tile	
TE 500-AVR 	1100 W	5.7							39
TE 700-AVR 	1300 W	7.9							40
TE 1000-AVR 	1600 W	11.8							41
TE 1500-AVR 	1800 W	14.2							42
TE 3000-AVR 	2070 W	29.9							43

	Anchor holes / through holes (diameters in mm)																				Page	
	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	35	38	40	50			
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### Cordless rotary hammer TE 2-A22



#### Applications

- Construction: light-duty drilling in concrete and masonry
- Interior finishing: installing partition walls and suspended ceilings
- Metal fabricators: fastening metal items such as handrails, stair-cases, sun blinds, barriers, etc.
- Electricians: electrical installation work
- Telecom contractors: installing telecom equipment, cables and switchgear

#### Advantages

- Cordless freedom with the performance of a corded tool
- Compact size and light weight for superior handling
- LED working light provides better visibility in dark areas
- Best-in-class system durability backed by Hilti Lifetime Service covering the tool and accessories

#### Technical data

Rated voltage	21.6 V
Battery capacity	3.3 Ah
Single impact energy	1.5 J
Full hammering frequency	5040 impacts/minute
Weight according to EPTA Procedure 01/2003	2.7 kg
Dimensions (LxWxH)	322 x 94 x 238 mm
Hammer drill bits (optimum dia. range)	5 - 12 mm
Drilling diameter range for hammer drill bits	5 - 16 mm
Working mode	Hammer drilling, Drilling only
A-weighted emission sound pressure level acc. to EN 60745	92 dB (A)



reddot design award winner 2013



Ordering designation	Package contents	Sales pack quantity	Item number
TE 2-A22	1x Cordless rotary hammer TE 2-A22, 1 x Case	1	2034358

**Cordless rotary hammer TE 6-A36-AVR**



**Applications**

- Drilling and hammer drilling in concrete and masonry
- Occasional drilling in wood and steel with optional quick-release chuck
- Screwdriving using the special bit holder with TE-C (SDS Plus) connection end
- Drilling in concrete in clean areas using the integrated dust removal system (DRS-6-A)

**Advantages**

- High battery capacity - drills more holes per battery charge than other cordless rotary hammers in the same class
- Hilti CPC Li-ion technology featuring accurate battery charge status display and individual battery cell monitoring for maximum service life
- Excellent performance and best battery capacity for a tool of this weight
- Outstanding working comfort thanks to AVR Active Vibration Reduction
- Virtually dustless drilling with the DRS-6-A dust removal system
- Interchangeable TE-C Click chuck system for versatility and ease of use

**Technical data**

<b>Rated voltage</b>	36 V
<b>Battery capacity</b>	3.0 Ah
<b>Single impact energy</b>	2 J
<b>Full hammering frequency</b>	5283 impacts/minute
<b>Weight according to EPTA Procedure 01/2003</b>	4 kg
<b>Dimensions (LxWxH)</b>	344 x 94 x 215 mm
<b>Hammer drill bits (optimum dia. range)</b>	5 - 16 mm
<b>Drilling diameter range for hammer drill bits</b>	5 - 20 mm
<b>Working mode</b>	Hammer drilling, Drilling only
<b>Active Vibration Reduction</b>	Yes



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Ordering designation	Package contents	Sales pack quantity	Item number
TE 6-A36-AVR	1x Cordless rotary hammer TE 6-A36-AVR, 1 x Case	1	2040910

Accessories for Cordless Rotary Hammers.

Ordering designation		TE 2-A22	TE 6-A36-AVR	Sales pack quantity	Item number
Angular chuck TE-AC 1			■	1	272701
Battery charger C 4/36-350 230V box		■	■	1	2028876
Battery pack B 22/3.3 Li-Ion		■		1	2007431
Battery pack B 36/3.0 Li-Ion			■	1	418009
Dust removal system TE DRS-6-A box			■	1	2040914
Quick-release chuck TE 2M/7C/7A/6A Li			■	1	224119

## Rotary hammer TE 2



### Applications

- Everyday hammer drilling in concrete, masonry and natural stone
- Occasional drilling in steel, wood and plastics using the optional chuck adaptor
- Driving screws using the optional bit holder
- Reverse rotation is useful for removing stuck drill bits
- Drilling in the 3-13 mm diameter range in solid metal / up to 20 mm in sheet metal
- Driving screws using the special bit holder

### Advantages

- Dual-mode SDS rotary hammer (hammer drilling and drilling)
- Sturdy motor with high load rating for maximum reliability
- “TE-C Click” chuck and user-friendly selector switch for high working comfort
- Electronic switch for precise hole-starting
- 360° side handle adjusts easily for preference or for use in tight spaces
- Lock-on button for continuous fatigue-free use



SDS plus

### Technical data

<b>Rated power</b>	650 W
<b>Optimum drilling diameter in concrete</b>	5 - 12 mm
<b>Drilling diameter range for hammer drill bits</b>	5 - 22 mm
<b>Single impact energy</b>	1.8 J
<b>A-weighted emission sound pressure level acc. to EN 60745</b>	91 dB (A)
<b>Dust removal module</b>	TE DRS-S (optional)
<b>Full hammering frequency</b>	4600 impacts/minute
<b>Dimensions (LxWxH)</b>	352 x 89 x 203 mm
<b>Weight according to EPTA Procedure 01/2003</b>	2.7 kg



Ordering designation	Description	Sales pack quantity	Item number
TE 2 Rotary Hammer	1 X Rotary hammer TE 2 230V, 1 X case	1	228091



## Rotary hammer TE 2-M



### Applications

- Everyday hammer drilling in concrete, masonry and natural stone
- 2 gears for optimal drilling speed in steel, wood and plastics using the optional quick-release chuck
- Driving screws using the optional bit holder
- Reverse rotation is useful for removing stuck drill bits

### Advantages

- Triple-mode SDS rotary hammer (hammer drilling plus 2 gears for rotary-only drilling)
- Sturdy motor with high load rating for maximum reliability
- Quick-change “TE-C Click” chuck and user-friendly selector switch for high working comfort
- Electronic switch for precise hole-starting
- 360° side handle adjusts easily for preference or for use in tight spaces
- Quick-release chuck for drilling in steel, wood and plastics

### Technical data

Rated power	650 W
Optimum drilling diameter in concrete	5 - 12 mm
Drilling diameter range for hammer drill bits	5 - 22 mm
Single impact energy	1.8 J
A-weighted emission sound pressure level acc. to EN 60745	91 dB (A)
Dust removal module	TE DRS-S (optional)
Full hammering frequency	4600 impacts/minute
Dimensions (LxWxH)	360 x 89 x 203 mm
Weight	2.9 kg



reddot design award winner 2008



Ordering designation	Description	Sales pack quantity	Item number
TE 2-M Rotary Hammer	1 X Rotary hammer TE 2-M 230V, 1 X case, interchangeable quick-release chuck	1	228117

**Rotary hammer TE 7**



Drilling and Demolition

**Applications**

- Drilling and hammer drilling in concrete and masonry
- Occasional drilling in wood and steel with optional quick-release chuck
- Cutting socket recesses in masonry

**Advantages**

- Robustly built and superbly engineered for maximum reliability and long life
- Virtually dustless drilling with the DRS-M dust removal system
- Excellent performance to weight ratio, with a compact design
- Interchangeable “TE-C Click” chuck system for versatility and ease of use
- Electronic switch for precise hole-starting
- Forward / reverse switch

**Technical data**

<b>Rated power</b>	710 W
<b>Optimum drilling diameter in concrete</b>	6 - 16 mm
<b>Drilling diameter range for hammer drill bits</b>	5 - 24 mm
<b>Single impact energy</b>	1.8 J
<b>A-weighted emission sound pressure level acc. to EN 60745</b>	89 dB (A)
<b>Dust removal module</b>	TE DRS-M (optional)
<b>Full hammering frequency</b>	4980 impacts/minute
<b>Dimensions (LxWxH)</b>	320 x 75 x 215 mm
<b>Weight according to EPTA Procedure 01/2003</b>	2.9 kg



Ordering designation	Description	Sales pack quantity	Item number
TE 7 Rotary Hammer	1x Rotary hammer TE 7 230V, 1x Case	1	428634

## Rotary hammer TE 7-C



### Applications

- Drilling and hammer drilling in concrete and masonry
- Corrective chiseling and small channel openings in concrete
- Occasional drilling in wood and steel with optional quick-release chuck
- Drilling in concrete in clean areas using the integrated dust removal system (DRS-M)
- Cutting socket recesses in masonry

### Advantages

- Ergonomically designed D-grip for comfortable use over long periods
- Robustly built and superbly engineered for maximum reliability and long life
- Interchangeable “TE-C Click” chuck system for versatility and ease of use
- Virtually dustless drilling with the DRS-M dust removal system
- High drilling performance
- Electronic switch for precise hole-starting



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winner 2007 - best of the best



Technical data	
Rated power	720 W
Optimum drilling diameter in concrete	6 - 16 mm
Drilling diameter range for hammer drill bits	5 - 28 mm
Single impact energy	2.6 J
A-weighted emission sound pressure level acc. to EN 60745	89 dB (A)
Dust removal module	TE DRS-M (optional)
Full hammering frequency	4020 impacts/minute
Dimensions (LxWxH)	343 x 86 x 215 mm
Weight according to EPTA Procedure 01/2003	3.5 kg



Ordering designation	Description	Sales pack quantity	Item number
TE 7C Rotary Hammer	1x Rotary hammer TE 7-C 230V, 1x Case	1	228056

**Rotary hammer TE 30**



Drilling and Demolition

**Applications**

- Drilling anchor holes and through-holes in concrete and masonry, diameter range 5 to 28 mm, recommended range 10 to 20 mm
- Drilling in wood using 10 to 35 mm diameter bits
- Drilling in wood and metal using the keyless chuck and smooth-shank drill bits up to 13 mm dia.
- Drilling in wood and metal using the quick-release chuck and smooth-shank drill bits up to 13 mm diameter
- Driving anchor screws and concrete screw anchors

**Advantages**

- The best power-to-weight ratio in its class
- Superior working comfort: perfect balance, low weight and compact design
- Ruggedly built from high-grade materials and components for unbeaten, extra-long lifetime
- Quick-release chucks for easy, keyless bit changing



SDS plus

**Technical data**

<b>Rated power</b>	850 W
<b>Optimum drilling diameter in concrete</b>	10 - 20 mm
<b>Drilling diameter range for hammer drill bits</b>	5 - 28 mm
<b>Single impact energy</b>	3.3 J
<b>A-weighted emission sound pressure level acc. to EN 60745</b>	90 dB (A)
<b>Full hammering frequency</b>	4080 impacts/minute
<b>Dimensions (LxWxH)</b>	359 x 93 x 213 mm
<b>Weight according to EPTA Procedure 01/2003</b>	4 kg
<b>Rotation speed gear 1 under no load</b>	750 rpm



Ordering designation	Description	Sales pack quantity	Item number
TE 30 rotary hammer	1x Rotary hammer TE 30 230V, 1x Case	1	404248

### Rotary hammer TE 30-C AVR



#### Applications

- Drilling anchor holes and through-holes in the 5 – 26 mm diameter range in concrete and masonry; recommended range 10 – 20 mm
- Mixing applications, e.g. paint, plaster, etc.
- Drilling in wood and metal using the keyless chuck and drill bits with smooth shank up to 13 mm dia.
- Driving anchor screws and concrete screw anchors
- Light chiseling on brick and block, corrective chiseling and finishing on concrete

#### Advantages

- Rotary hammer with chiseling function for wide range of applications
- Optimum speed even under high load: constant-speed electronics maintain speed automatically
- AVR Active Vibration Reduction makes the tool less tiring to use and increases daily productivity
- Superior working comfort: perfect balance, low weight, compact design and low vibration
- Ruggedly built from high-grade materials and components for unbeaten, extra-long lifetime
- Choice of chucks available, can be changed quickly without need for tools



Technical data	
Rated power	850 W
Optimum drilling diameter in concrete	10 - 20 mm
Drilling diameter range for hammer drill bits	5 - 28 mm
Single impact energy	3.3 J
A-weighted emission sound pressure level acc. to EN 60745	90 dB (A)
Full hammering frequency	4080 impacts/minute
Dimensions (LxWxH)	379 x 93 x 213 mm
Weight according to EPTA Procedure 01/2003	4.2 kg
Rotation speed gear 1 under no load	750 rpm



Ordering designation	Description	Sales pack quantity	Item number
TE 30-C AVR rotary hammer	1x Rotary hammer TE 30-C AVR 230V, 1x Case	1	404265

## Rotary hammer TE 40



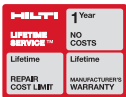
Drilling and Demolition

### Applications

- Hammer drilling in concrete, masonry and natural stone (recommended diameter range: 14 to 24 mm)
- Light chiseling work on concrete and masonry
- Socket cutting using percussion core bits up to 68 mm dia.
- Drilling with high torque in wood and metal

### Advantages

- The most powerful combihammer in the TE-C class (SDS-plus)
- Maximum operating comfort due to perfectly balanced, ergonomic design
- Extremely wide application range due to easily interchangeable chucks: TE-C Click chuck (SDS-plus), 3-jaw key chuck, and keyless quick-release chuck



SDS plus

### Technical data

<b>Rated power</b>	1010 W
<b>Optimum drilling diameter in concrete</b>	14 - 24 mm
<b>Drilling diameter range for hammer drill bits</b>	8 - 28 mm
<b>Single impact energy</b>	4.9 J
<b>A-weighted emission sound pressure level acc. to EN 60745</b>	90 dB (A)
<b>Full hammering frequency</b>	3180 impacts/minute
<b>Dimensions (LxWxH)</b>	425 x 113 x 243 mm
<b>Weight according to EPTA Procedure 01/2003</b>	5.5 kg
<b>Rotation speed gear 1 under no load</b>	550 rpm



Ordering designation	Description	Sales pack quantity	Item number
TE 40 Rotary hammer	1x Rotary hammer TE 40 230V, 1x Case	1	383877

Accessories for Corded rotary hammers

Ordering designation		TE 2	TE 2-M	TE 7	TE 7-C	TE 30	TE 30-C-AVR	TE 40	Sales pack quantity	Item number
Quick-release chuck 13		■	■						1	60208
Chuck spindle TE-C-BFH		■	■						1	60459
Chuck TE 2-M NG/TE 7-C assy			■	■	■				1	273118
Quick-release chuck TE 2M/7C/7A/6A Li				■	■				1	224119
Angular chuck TE-AC 1				■	■				1	272701
SDS plus magnetic bit holder		■	■	■	■	■	■		1	306013
Dust removal system TE DRS-M				■	■				1	267769
Key-type chuck						■	■	■	1	282342
Quick-release chuck TE 16/TE 30						■	■	■	1	282341
Chuck TE-C Click						■	■		1	284095
Chuck TE-C Click TE 40								■	1	305590

**Hammer drill bit TE-CX**



**Applications**

- Drilling holes for metal anchors in reinforced and unreinforced concrete
- Drilling holes for post-installed rebar connections
- Drilling through-holes for pipes and cables

**Advantages**

- New solid carbide head for less wear and more holes with the accuracy required for setting anchors
- The indicator mark at the head ensures suitability for setting anchors - so long as the mark is visible
- Solid carbide head with four carbide cutting edges in innovative X-geometry for optimum material removal

Drilling and Demolition

Ordering designation	Diameter	Working length	Sales pack quantity	Item number
TE-CX 5/17	5 mm	100 mm	1	433786
TE-CX 5.5/17	5.5 mm	100 mm	1	206522
TE-CX 6/22	6 mm	150 mm	1	433790
TE-CX 6/27	6 mm	200 mm	1	433791
TE-CX 6/32	6 mm	250 mm	1	409172
TE-CX 8/17	8 mm	100 mm	1	409176
TE-CX 8/22	8 mm	150 mm	1	409177
TE-CX 8/27	8 mm	200 mm	1	409178
TE-CX 10/17	10 mm	100 mm	1	409188
TE-CX 10/22	10 mm	150 mm	1	409189
TE-CX 10/27	10 mm	200 mm	1	409190
TE-CX 10/37	10 mm	300 mm	1	409191
TE-CX 10/47	10 mm	400 mm	1	409192
TE-CX 12/17	12 mm	100 mm	1	409197
TE-CX 12/22	12 mm	150 mm	1	409198
TE-CX 12/27	12 mm	200 mm	1	409199
TE-CX 12/37	12 mm	300 mm	1	409200
TE-CX 12/47	12 mm	400 mm	1	409201
TE-CX 14/17	14 mm	100 mm	1	409205
TE-CX 14/22	14 mm	150 mm	1	409206
TE-CX 14/27	14 mm	200 mm	1	409207
TE-CX 14/37	14 mm	300 mm	1	409208
TE-CX 14/47	14 mm	400 mm	1	409209
TE-CX 15/27	14 mm	200 mm	1	409212
TE-CX 15/47	14 mm	400 mm	1	409213
TE-CX 16/17	16 mm	100 mm	1	409214
TE-CX 16/22	16 mm	150 mm	1	409215
TE-CX 16/27	16 mm	200 mm	1	409216
TE-CX 16/47	16 mm	400 mm	1	409217
TE-CX 18/22	16 mm	150 mm	1	421956
TE-CX 18/32	18 mm	250 mm	1	421960
TE-CX 18/48	18 mm	400 mm	1	421961
TE-CX 18/61	18 mm	540 mm	1	427806
TE-CX 20/22	20 mm	150 mm	1	421963
TE-CX 20/32	20 mm	250 mm	1	421965
TE-CX 20/48	20 mm	400 mm	1	421966
TE-CX 22/27	22 mm	200 mm	1	421968
TE-CX 22/48	22 mm	400 mm	1	421969
TE-CX 24/27	24 mm	200 mm	1	421971
TE-CX 24/62	24 mm	540 mm	1	427817
TE-CX 25/27	25 mm	200 mm	1	421977
TE-CX 25/48	25 mm	400 mm	1	422660
TE-CX 26/27	26 mm	200 mm	1	421979
TE-CX 26/48	26 mm	400 mm	1	421980
TE-CX 28/27	28 mm	200 mm	1	421981
TE-CX 28/48	28 mm	400 mm	1	421983



Ordering designation	Diameter	Working length	Sales pack quantity	Item number
TE-CX 5/12	5 mm	50 mm	8	2021990
TE-CX 5/15	5 mm	80 mm	8	2021991
TE-CX 5/17	5 mm	100 mm	8	2021992
TE-CX 5.5/12	5.5 mm	50 mm	8	2021994
TE-CX 5.5/15	5.5 mm	80 mm	8	2021995
TE-CX 5.5/17	5.5 mm	100 mm	8	2021996
TE-CX 6/12	6 mm	50 mm	8	2021997
TE-CX 6/17	6 mm	100 mm	8	2021998
TE-CX 6/22	6 mm	150 mm	8	2021999
TE-CX 8/12	8 mm	50 mm	8	2022002
TE-CX 8/17	8 mm	100 mm	8	2022003
TE-CX 8/22	8 mm	150 mm	8	2022004
TE-CX 10/17	10 mm	100 mm	8	2022008
TE-CX 10/22	10 mm	150 mm	8	2022009
TE-CX 10/27	10 mm	200 mm	8	2022010
TE-CX 12/17	12 mm	100 mm	8	2022012
TE-CX 12/22	12 mm	150 mm	8	2022013
TE-CX 12/27	12 mm	200 mm	8	2022014
TE-CX 14/17	14 mm	100 mm	8	2022016
TE-CX 14/22	14 mm	150 mm	8	2022017
TE-CX 14/27	14 mm	200 mm	8	2022018
TE-CX 16/17	16 mm	100 mm	8	2022019
TE-CX 16/22	16 mm	150 mm	8	2022020
TE-CX 16/27	16 mm	200 mm	8	2022021

**Combihammer TE 50**



Drilling and Demolition

**Applications**

- Hammer drilling in masonry, concrete and natural stone 16 - 25 mm)
- Penetrations in masonry using percussion core bits 68 mm dia.)
- Light chiseling in masonry

**Advantages**

- Lightest combihammer in the TE-Y class (SDS Max)
- Top performance with extremely compact design
- Maximum operating comfort due to perfectly balanced, ergonomic design
- Rugged and durable



SDS max

**Technical data**

<b>Rated power</b>	1050 W
<b>Single impact energy</b>	5.2 J
<b>Hammer drill bits (optimum dia. range)</b>	16 - 25 mm
<b>Triaxial vibration value for hammer drilling into concrete (ah,HD)<sup>1)</sup></b>	16.1 m/s <sup>2</sup>
<b>Dimensions (LxWxH)</b>	462 x 113 x 243 mm
<b>Full hammering frequency</b>	3180 impacts/minute
<b>Tool chuck type</b>	TE-Y (SDS-max)
<b>Weight according to EPTA Procedure 01/2003</b>	5.7 kg
<b>Service indicator</b>	Yes
<b>Connection end</b>	TE-Y (SDS-max)
<b>Rotation speed gear 1 under no load</b>	550 rpm

<sup>1)</sup> according to EN 60745



Ordering designation	Description	Sales pack quantity	Item number
TE 50 Combihammer	1x Combihammer TE 50 230V, 1x Case	1	383900

### Combihammer TE 70B



#### Applications

- Hammer drilling in concrete, masonry and natural stone from 20 - 150 mm diameter
- Drilling holes for heavy-duty anchors 20 - 40 mm in diameter
- Breaching and demolition with pointed and flat chisels
- Hammer drilling in concrete, masonry and natural stone in diameters from 3/4" - 6"
- Drilling holes for heavy-duty anchors 3/4" - 1 1/2" in diameter

#### Advantages

- 380 r.p.m for extra drilling performance (std. in this class: approx. 280 r.p.m)
- Optimized mechanical clutch for maximum torque transfer
- Less tiring to use as less contact pressure is required
- Center of gravity close to the grip for optimum balance
- Glass-fiber reinforced housing parts for ruggedness and long life











Technical data	
Rated power	1600 W
Optimum drilling diameter in concrete	22 - 40 mm
Drilling diameter range for hammer drill bits	16 - 40 mm
Single impact energy	11 J
Full hammering frequency	2760 impacts/minute
Dimensions (LxWxH)	524 x 274 x 123 mm
Weight according to EPTA Procedure 01/2003	7.7 kg
Rotation speed gear 1 under no load	250 rpm
Service indicator	Yes



Ordering designation	Description	Sales pack quantity	Item number
TE70 combihammer	1x Combihammer TE 70 230V, 1x Case	1	428453

**Accessories for Combihammers**

Ordering designation		TE 50	TE 70	Sales pack quantity	Item number
Dust removal system TE-DRS-S		■	■	1	340602
Quick-release chuck 13		■	■	1	60208
Chuck Spindle TE-Y-BFH		■	■	1	263359
Adapter TE-Y-AD			■	1	382390
Drill bit extension TE-FY-E35			■	1	1952
Drill bit extension TE-FY-E60			■	1	1953
Drill bit extension TE-FY-E85			■	1	1954
Univ. vacuum cleaner VC 20-U 230V		■	■	1	222209

Drilling and Demolition

## Hammer drill bit TE-YX



## Applications

- Easily drill in hard-to-access locations for mechanical and electrical installation
- Reinforcing foundations of older buildings during renovation
- Installing rebar in bridges and tunnels

## Advantages

- Solid carbide head for top performance, maximum reliability and less jamming when hitting rebar
- Heat treated flute for less wear, and ductile core for a robust drill bit body
- Drill bit head embedded on four sides for maximum durability and longer life

Ordering designation	Diameter	Working Length	Sales pack quantity	Item number
TE-YX 12/35	12 mm	200 mm	1	206499
TE-YX 12/55	12 mm	400 mm	1	206500
TE-YX 14/35	14 mm	200 mm	1	206502
TE-YX 14/55	14 mm	400 mm	1	206503
TE-YX 15/35	15 mm	200 mm	1	206504
TE-YX 15/55	15 mm	400 mm	1	206505
TE-YX 16/35	16 mm	200 mm	1	206506
TE-YX 16/55	16 mm	400 mm	1	206507
TE-YX 18/32	18 mm	200 mm	1	293052
TE-YX 18/52	18 mm	400 mm	1	293053
TE-YX 20/32	20 mm	200 mm	1	293141
TE-YX 20/52	20 mm	400 mm	1	293142
TE-YX 22/32	22 mm	200 mm	1	293161
TE-YX 22/52	22 mm	400 mm	1	293167
TE-YX 24/32	24 mm	200 mm	1	293182
TE-YX 24/52	24 mm	400 mm	1	293193
TE-YX 25/32	25 mm	200 mm	1	293210
TE-YX 25/52	25 mm	400 mm	1	293217
TE-YX 25/92	25 mm	800 mm	1	293229
TE-YX 28/32	28 mm	200 mm	1	293233
TE-YX 28/52	28 mm	400 mm	1	293235
TE-YX 30/37	30 mm	250 mm	1	293239
TE-YX 30/57	30 mm	450 mm	1	293258
TE-YX 30/92	30 mm	800 mm	1	293259
TE-YX 32/37	32 mm	250 mm	1	293408
TE-YX 32/57	32 mm	450 mm	1	293409
TE-YX 32/92	32 mm	800 mm	1	293410
TE-YX 35/57	35 mm	450 mm	1	293412
TE-YX 37/37	37 mm	250 mm	1	293413
TE-YX 37/57	37 mm	450 mm	1	293415
TE-YX 40/37	40 mm	250 mm	1	293418
TE-YX 40/57	40 mm	450 mm	1	293421

**Breaker TE 500**



Drilling and Demolition

**Applications**

- Chiseling work on concrete and masonry walls
- Channeling on concrete and masonry
- Repairing concrete
- Removing plaster and tiles
- Chiseling breaches and penetrations for pipes in walls and floors

**Advantages**

- More power with less weight
- Side handle with full radial and axial adjustment for a secure grip in virtually any position
- Optional DRS-B dust removal system collects up to 95% of hazardous fine dust
- Lockable switch for easy sustained operation during long periods of use
- Perfect starting characteristics and high working comfort

**Technical data**

<b>Rated power</b>	1100 W
<b>Single impact energy</b>	7.5 J
<b>Full hammering frequency</b>	3180 impacts/minute
<b>Dimensions (LxWxH)</b>	471 x 108 x 243 mm
<b>Weight according to EPTA Procedure 01/2003</b>	5.7 kg
<b>Service indicator</b>	Yes
<b>Max. chiselling performance</b>	1050 cm <sup>3</sup> /min



Ordering designation	Package contents	Sales pack quantity	Item number
Breaker TE 500	1x Breaker TE 500 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	274701

## Breaker TE 700-AVR



### Applications

- Heavy wall demolition on masonry and brick
- Large-scale plaster removal
- Tile removal on walls and floors
- Window and door openings
- Bushing applications for roughening or smoothing surfaces
- Correctional work in new construction

### Advantages

- Highest impact energy in the 7kg class (11,5J)
- Brushless SR drive - outstanding lifetime
- Sub-chassis AVR - for greater working comfort (6.5m/s<sup>2</sup>)
- Inline shape - well balanced, great handling
- Power reduction - more flexibility



Technical data	
Rated power	1300 W
Single impact energy	11.5 J
Full hammering frequency	2760 impacts/minute
Dimensions (LxWxH)	564 x 125 x 248 mm
Weight according to EPTA Procedure 01/2003	7.9 kg
Reduced impact energy	Yes
Active Vibration Reduction	Yes
Service indicator	Yes
Brushless motor	Yes
Max. chiselling performance	1020 cm <sup>3</sup> /min



Ordering designation	Description	Sales pack quantity	Item number
Breaker TE 700-AVR	1x Breaker TE 700-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	428937

**Breaker TE 1000-AVR**



Drilling and Demolition

**Applications**

- Universal demolition of concrete and masonry, working at floor level or below waist level
- Corrective chiseling such as adjustments to door and window openings
- Renovation of floors of all kinds

**Advantages**

- Powerful breaking performance thanks to exceptional impact energy and innovative Hilti Polygon chisel design
- Maintenance-free, brushless SR motor and triple-chamber lubrication systems for longer service intervals and tool lifetime
- Optional TE DRS-B dust removal system collects up to 95% of dust
- Symmetrical form with new grip design for perfect handling
- Lowest vibration values in its class thanks to Hilti's innovative sub-chassis Active Vibration Reduction (AVR) system
- The new TE DRS-B dust removal system removes up to 95% of critical fine dust (option)

**Technical data**

<b>Rated power</b>	1600 W
<b>Single impact energy</b>	22 J
<b>A-weighted emission sound pressure level acc. to EN 60745</b>	87 dB (A)
<b>Full hammering frequency</b>	1950 impacts/minute
<b>Dimensions (LxWxH)</b>	700 x 138 x 230 mm
<b>Weight according to EPTA Procedure 01/2003</b>	11.8 kg
<b>Active Vibration Reduction</b>	Yes
<b>Service indicator</b>	Yes
<b>Max. chiselling performance</b>	5250 cm <sup>3</sup> /min



Ordering designation	Package contents	Sales pack quantity	Item number
<b>Breaker TE 1000-AVR</b>	1x Breaker TE 1000-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	<b>248134</b>



## Breaker TE 1500-AVR



### Applications

- Extensive demolition work at or near floor level
- Exposing reinforcement in foundations
- Breaking out openings for stairs, risers and shafts
- Creating large channels in floors, e.g. for waste water pipes
- Breaking up asphalt in surface renewal work, e.g. sewer maintenance

### Advantages

- Powerful electropneumatic hammering mechanism, SR motor and polygon chisels for high breaking performance
- Low weight and great balance for excellent handling in demanding applications
- Optional TE DRS-B dust removal system removes up to 95% of dust
- Active Vibration Reduction (AVR) reduces vibration and extends permissible periods of continuous use

### Technical data

Rated power	1800 W
Single impact energy	30 J
A-weighted emission sound pressure level acc. to EN 60745	89 dB (A)
Full hammering frequency	1620 impacts/minute
Dimensions (LxWxH)	760 x 138 x 230 mm
Weight according to EPTA Procedure 01/2003	14.2 kg
Active Vibration Reduction	Yes
Service indicator	Yes
Brushless motor	Yes
Max. chiselling performance	8830 cm <sup>3</sup> /min



Ordering designation	Description	Sales pack quantity	Item number
TE 1500-AVR breaker	1x Breaker TE 1500-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	248985

**Breaker TE 3000-AVR**



Drilling and Demolition

**Applications**

- The mighty TE 3000-AVR brings impressive hammering power to big concrete demolition jobs
- Breaking up asphalt the quick, easy way - in road building, repair work and pipe laying
- The TE 3000-AVR, unlike air tools, needs no compressor and is therefore easy to transport, highly versatile and ready for use in minutes

**Advantages**

- Awesome hammering impact energy of 68 joules
- Impressive breaking performance - up to 6 tons of concrete per hour
- Minimal vibration - less than 7m/s<sup>2</sup>, i.e. over 4 hours permissible trigger time
- Longer service intervals and long life thanks to the brushless maintenance-free SR motor
- Versatile, easy to operate, easy to transport and ready for use in minutes, which pays off especially in smaller demolition jobs
- Low operating costs as no compressor is required

**Technical data**

<b>Rated power</b>	2070 W
<b>Single impact energy</b>	68 J
<b>Full hammering frequency</b>	860 impacts/minute
<b>Dimensions (LxWxH)</b>	808 x 610 x 209 mm
<b>Weight according to EPTA Procedure 01/2003</b>	29.9 kg
<b>Active Vibration Reduction</b>	Yes
<b>Service indicator</b>	Yes
<b>Brushless motor</b>	Yes
<b>Max. chiselling performance</b>	40000 cm <sup>3</sup> /min
<b>Tool chuck type</b>	HEX 28








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Ordering designation	Description	Sales pack quantity	Item number
TE 3000-AVR breaker	1x Breaker TE 3000-AVR, 1x Trolley, 1x Supply card, 1x instruction manual	1	3494158

Accessories for Breakers

Ordering designation		TE 500-AVR	TE 700-AVR	TE 1000-AVR	TE 1500-AVR	TE 3000-AVR	Sales pack quantity	Item number
Dust removal system TE DRS-B box		■	■	■	■		1	365945
Supply cord TE 3000-AVR GB 110V						■	1	414102
Supply cord TE 3000-AVR GB 230V						■	1	414105
Trolley TE 3000-AVR						■	1	401293

### Pointed chisel TE-CP-SM



#### Applications

- Light chiseling work

#### Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-CP SM 18	180 mm	282298
TE-CP SM 25	250 mm	282299

Drilling and Demolition

### Narrow-flat chisel TE-CP-FM



#### Applications

- Chipping

#### Technical data

Width	15 mm
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#### Advantages

- Innovative design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-CP FM 18	180 mm	282300
TE-CP FM 25	250 mm	282301

### Pointed chisel TE-YP-SM



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#### Applications

- Breaking

#### Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-YP SM 28	280 mm	282263
TE-YP SM 36	360 mm	282264
TE-YP SM 50	500 mm	282265
TE-YP SM 70	700 mm	282266

### Narrow-flat chisel TE-YP-FM



#### Applications

- Breaking

#### Advantages

- Innovative design with self-sharpening tip profile

#### Technical data

Width	26 mm
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Ordering designation	Length	Item number
TE-YP FM 28	280 mm	282267
TE-YP FM 36	360 mm	282268
TE-YP FM 50	500 mm	282269
TE-YP FM 70	700 mm	282270

### Wide-flat chisel TE-YP-SPM



#### Applications

- Chipping

#### Advantages

- Innovative design with self-sharpening blade

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-YP SPM 5/28	280 mm	50 mm	1	282271
TE-YP SPM 8/28	280 mm	80 mm	1	282272
TE-YP SPM 5/36	360 mm	50 mm	1	282273
TE-YP SPM 12/36	360 mm	120 mm	1	282274
TE-YP SPM 12/50	500 mm	120 mm	1	282275

### Bushing tool TE-Y SKHM



#### Applications

- Roughening up smooth surfaces

#### Advantages

- Bushing tool with high quality carbide pins for optimum performance in surface work

#### Technical data

Width	40 mm
Length	250 mm

Ordering designation	Item number
TE-Y SKHM	62893

**Pointed chisel TE-SP SM**



**Applications**

- Breaking

**Advantages**

- Innovative Hilti Polygon design with self-sharpening

Ordering designation	Length	Item number
TE-SP SM 36	360 mm	406765
TE-SP SM 50	500 mm	406766
TE-SP SM 70	700 mm	406767

Drilling and Demolition

**Narrow-flat chisel TE-SP FM**



**Applications**

- Breaking

**Advantages**

- Innovative design with self-sharpening blade

Technical data	
Width	32 mm

Ordering designation	Length	Item number
TE-SP FM 36	360 mm	406770
TE-SP FM 50	500 mm	406771
TE-SP FM 70	700 mm	406772

**Wide-flat chisel TE-SP SPM**



**Applications**

- Chipping

**Advantages**

- Innovative design with self-sharpening blade

Ordering designation	Length	Width	Item number
TE-SP SPM 5/36	360 mm	50 mm	406773
TE-SP SPM 8/36	360 mm	80 mm	406775
TE-SP SPM 8/50	500 mm	80 mm	406776
TE-SP SPM 12/36	360 mm	120 mm	406777
TE-SP SPM 12/50	500 mm	120 mm	406778

### Pointed chisel TE-H28P SM



#### Applications

- Heavy demolition in concrete

#### Advantages

- Fast and powerful penetration

Ordering designation	Length	Item number
TE-H28P SM 40	400 mm	417824
TE-H28P SM 50	500 mm	417825

### Narrow-flat chisel TE-H28P FM



#### Applications

- Controlled concrete demolition

#### Advantages

- Unmatched working length

Technical data	
Width	38 mm
Length	400 mm

Ordering designation	Sales pack quantity	Item number
TE-H28P FM 40	1 pc	417826

### Wide-flat chisel TE-H28P SPM



#### Applications

- Controlled concrete breaking

#### Advantages

- Unmatched working length

Technical data	
Width	80 mm
Length	400 mm

Ordering designation	Item number
TE-H28P SPM 8/40	417828