



Diamond Drilling and Cutting Systems

Hilti. Outperform. Outlast.

Diamond Drilling and Cutting Systems

Diamond drilling systems (Handheld)

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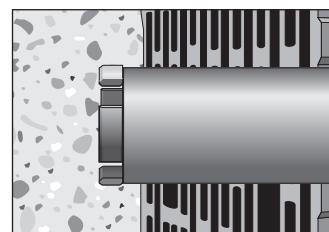
Diamond drilling systems (Handheld)

Product Code

DD EC-1



DD 130



Applications

Wet, Handheld (diameter)	8–35 mm	12–62 mm
Dry, Handheld (diameter)	–	16–162 mm

Technical Data

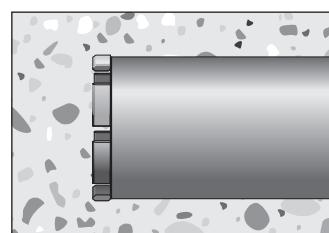
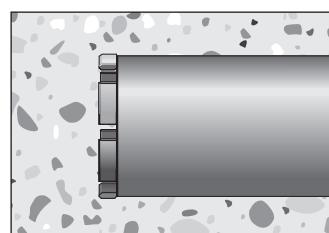
Input power	1450 W	1900 W
Rated voltage	100 / 110 / 220 / 230 / 240 V	110 / 120 / 230 / 240 V

Diamond drilling systems (Rig mounted)

Product Code

DD 200

DD 500



Applications

Wet, Rig mounted	25–400 mm	82–600 mm
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Technical Data

Input power	2600 W	5500 W
Rated voltage	100 / 120 / 220 / 230 / 240 V	–

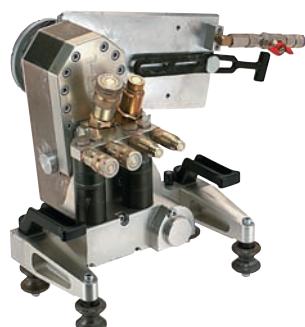
Diamond sawing systems

Product Code

DS-TS5



DLP 15/DS-TS 22



DLP 32/DS-TS 32


Technical Data

Max. cutting depth	-	53 cm	73 cm
Nominal power	5 kW	15 kW	32 kW

Diamond sawing systems

Product Code

DS-WS 10



DS-WS 15



DS-WSS 30


Technical Data

Cutting speed	up to 27 m/sec.	up to 27 m/sec.	up to 20 m/sec.
Wire diameter	8-12 mm	-	-
Nominal power rating	10 kW	15 kW	-

Diamond slitting systems

Product Code

DC-SE 20



Applications

Slitting concrete	✓
Slitting sand-lime block	✓
Slitting brickwork	✓

Technical Data

Input power	1950 W
Disc diameter	125 mm
Max. cutting depth	40 mm
Max. cutting width	46 mm

Diamond cutting systems

Product Code

DG 150

DEG 125-D

DEG 150-D



Applications

Grinding	✓	✓	✓
Sawing	—	✓	✓
Underground	Concrete, screed, coating	Mineral underground, steel, metal	Mineral underground, steel, metal

Technical Data

No load speed	—	11000 rpm	9300 rpm
Max. cutting depth	—	35 mm	47 mm
Max. blade diameter	150 mm	125 mm	150 mm
Output power	1500 W	—	—

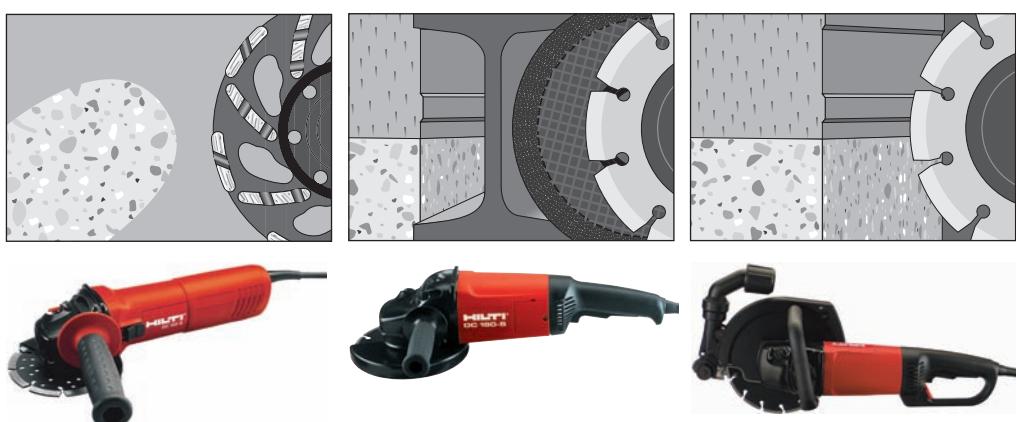
Diamond cutting systems

Product Code

DC 125-S

DC 180-S

DC 230-S/EX



Applications

Grinding	✓	✓	✓
Sawing	—	—	✓
Underground	Concrete, screed, coating	Mineral underground, concrete, natural stone	Mineral underground, steel, metal

Technical Data

No load speed	11000 rpm	8500 rpm	6500 rpm
Max. cutting depth	35 mm	40 mm	60 mm
Max. blade diameter	125 mm	180mm	230 mm
Output power	820 W	1250 W	1750 W

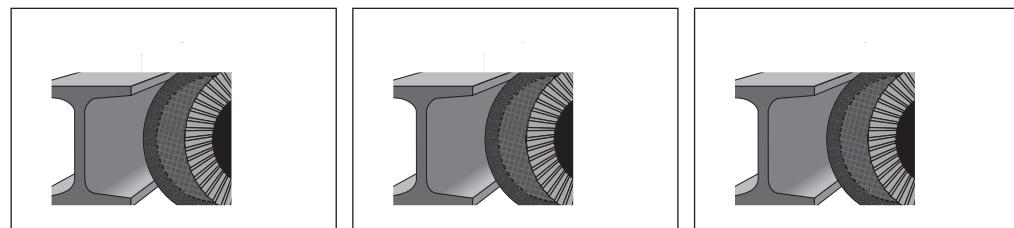
Diamond cutting systems

Product Code

AG 125-S

AG 125-SE

AG 230-S



Applications

Grinding	✓	✓	✓
Sawing	✓	✓	✓
Underground	Steel, metal	Steel, metal	Steel, metal

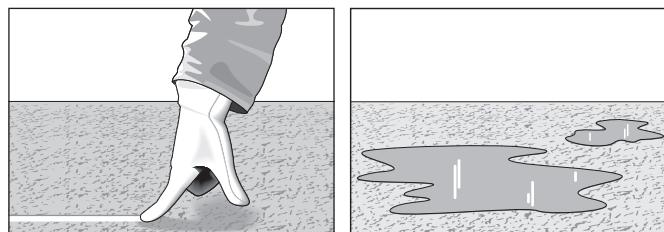
Technical Data

No load speed	11000 rpm	11000 rpm	6500 rpm
Max. cutting depth	35 mm	35 mm	65 mm
Max. blade diameter	125 mm	125 mm	230 mm
Output power	600 W	600 W	1350 W

Vacuum Cleaners**Product Code**

VCD 50

VCU 40

**Applications**

Dry	✓	✓
Wet	-	✓

Technical Data

Input power	1200 W	1200 W
Max. suction performance	50 l/sec.	-
Container volume	50 l	40 l

DD EC-1 Diamond Coring Tool

1450 W, drilling diameters 8 – 35 mm

Applications:

- Precise anchor holes and through holes of 8 - 35 mm can now be drilled quickly and accurately

Technical Data:

Dimension (L x W x H):	423 x 108 x 195 mm
Drilling range:	8 – 35 mm
Drilling range-wet hand held:	8 – 35 mm
Ground fault interrupter:	Yes
Input power:	1450 W
Max. speed no load:	9100 rpm
Max. water pressure:	6 bar
Min. access to corners	46 mm
Power range:	1400 / 1450 W
Rated voltage:	230 / 110 V
Speed range under load:	8400 rpm
Weight:	5.7 kg
Weight of core rig motor:	5.7 kg
Wet or dry:	Wet

**Features and Benefits****DD EC-1 Diamond Coring Tool**

- Unique Top spin technology for maximum efficiency
- Drilling through reinforced bars
- "Plug and drill" - ready for use within seconds

DD -C Core bits

- Thanks to the new Hilti DD-C core bits and Top spin technology, the DD EC-1 drills through various types of steel reinforced concrete, marble, sandstone and tiles with the same single speed setting for all diameter

DD EC-1 Water Recycling Unit

- Independence from external water supplies for maximum mobility
- Drills without dust and leaves no slurry behind

Order Description	Item Number	Sales Quantity
Diamond coring tool DD EC-1 110V GB	00336736	1
Diamond coring tool DD EC-1 230V CH	00336741	1
Diamond coring tool DD EC-1 230V GB	00336742	1



DD-CR 1 drill stand

Applications:

- Drilling 100% straight holes in floors, walls and ceilings. Particularly suitable for anchor fastening applications in the steel construction trade and for fastening machinery in industry

Features and Benefits

- Permits drilling 100% vertical or horizontal holes in fastening applications where demanding requirements must be fulfilled
- Easy, precise positioning
- Can be secured quickly and easily using the vacuum system or quick-release brace.
- Advance lever for comfortable drilling, little force required
- Very convenient for overload drilling, repetitive drilling and deephole drilling
- Compact dimensions (baseplate main section approx. A4 sheet size, weight only 8 kg) for good accessibility even in tight corners

Order Description	Item Number	Sales Quantity
Drilling stand DD-CR1	00376281	1



Fixation

Order Description	Item Number	Sales Quantity
Vacuum pump DD VP4.5 220V	00047034	1

for use with DD EC-1, DD 80, DD 100



Order Description	Item Number	Sales Quantity
Vacuum pump DD VPX 230V EUR	00332158	1

for use with DD 130, DD 200, DD 500



Order Description	Item Number	Sales Quantity
Quick-release column 2 assy	00009870	1

Quick-release column



DD-REC 1 Water Recycling Unit

Order Description	Item Number	Sales Quantity
Water recycling unit DD REC-1 230V	00336750	1
Water recycling unit DD REC-1 110V	00336745	1
Water recycling unit DD REC-1 240V	00336751	1



Filter DD EC-1

Order Description	Item Number	Sales Quantity
Filter assy	00338524	1

Ceramic filter for use with DD-REC 1



DD-C T2 Diamond Core Bits

High coring speed on most current concrete



Working length mm	Order Description	Item Number	Sales Quantity
150	Diamond core bit DD-C 10/150 T2	00336887	1
150	Diamond core bit DD-C 12/150 T2	00336889	1
150	Diamond core bit DD-C 14/150 T2	00336891	1
150	Diamond core bit DD-C 15/150 T2	00336895	1
150	Diamond core bit DD-C 16/150 T2	00336897	1
300	Diamond core bit DD-C 16/300 T2	00336898	1
150	Diamond core bit DD-C 18/150 T2	00336899	1
300	Diamond core bit DD-C 18/300 T2	00336900	1
150	Diamond core bit DD-C 20/150 T2	00336905	1
300	Diamond core bit DD-C 20/300 T2	00336906	1
300	Diamond core bit DD-C 22/300 T2	00336909	1
300	Diamond core bit DD-C 24/300 T2	00336911	1
300	Diamond core bit DD-C 25/300 T2	00336912	1
300	Diamond core bit DD-C 28/300 T2	00336914	1
300	Diamond core bit DD-C 30/300 T2	00336916	1
300	Diamond core bit DD-C 32/300 T2	00336917	1
300	Diamond core bit DD-C 35/300 T2	00336920	1
70	Diamond core bit DD-C 8/70 T2	00336885	1

DD-C T4 Diamond Core Bits

Long lifetime on most current concrete



Working length mm	Order Description	Item Number	Sales Quantity
150	Diamond core bit DD-C 14/150 T4	00336855	1
150	Diamond core bit DD-C 15/150 T4	00336859	1
150	Diamond core bit DD-C 16/150 T4	00336861	1
300	Diamond core bit DD-C 16/300 T4	00336862	1
150	Diamond core bit DD-C 18/150 T4	00336863	1
300	Diamond core bit DD-C 18/300 T4	00336864	1
150	Diamond core bit DD-C 20/150 T4	00336869	1
300	Diamond core bit DD-C 20/300 T4	00336870	1
300	Diamond core bit DD-C 22/300 T4	00336873	1
300	Diamond core bit DD-C 24/300 T4	00336875	1
300	Diamond core bit DD-C 25/300 T4	00336876	1
300	Diamond core bit DD-C 28/300 T4	00336878	1
300	Diamond core bit DD-C 30/300 T4	00336880	1
300	Diamond core bit DD-C 32/300 T4	00336881	1
300	Diamond core bit DD-C 35/300 T4	00336884	1

DD-C T6 Diamond Core Bits

Optimum for very hard concrete



Working length mm	Order Description	Item Number	Sales Quantity
150	Diamond core bit DD-C 18/150 T6	00369124	1
300	Diamond core bit DD-C 18/300 T6	00369125	1
150	Diamond core bit DD-C 20/150 T6	00369130	1
300	Diamond core bit DD-C 20/300 T6	00369131	1
300	Diamond core bit DD-C 22/300 T6	00369134	1
300	Diamond core bit DD-C 24/300 T6	00369135	1
300	Diamond core bit DD-C 25/300 T6	00369136	1
300	Diamond core bit DD-C 28/300 T6	00369138	1
300	Diamond core bit DD-C 30/300 T6	00369140	1
300	Diamond core bit DD-C 32/300 T6	00369141	1
300	Diamond core bit DD-C 35/300 T6	00369144	1

DD-CB Core Breakers

For easy core removal from 8 – 35 mm

Hole depth mm	Working length mm	Order Description	Item Number	Sales Quantity
150	150	Core breaker DD-CB 12	00338346	1
150	150	Core breaker DD-CB 14	00338348	1
150	150	Core breaker DD-CB 15	00338350	1
150	150 mm lub 300	Core breaker DD-CB 16	00338351	1
150	150 mm lub 300	Core breaker DD-CB 18	00338352	1
300	300	Core breaker DD-CB 20	00338355	1
300	300	Core breaker DD-CB 22	00338357	1
300	300	Core breaker DD-CB 24	00338359	1
300	300	Core breaker DD-CB 25	00338360	1
300	300	Core breaker DD-CB 28	00338362	1
300	300	Core breaker DD-CB 30	00338364	1
300	300	Core breaker DD-CB 32	00338365	1
300	300	Core breaker DD-CB 35	00338368	1

DD 130 Diamond Coring Tool

Applications:

- For through holes up to 152 mm diameter in concrete and 162 mm in masonry
- Wet drilling in concrete with drillstand / up to 152 mm
- Wet drilling in concrete hand-held / up to 62 mm
- Dry drilling in masonry hand-held / up to 162 mm
- Anchor holes
- Drilling test cores
- Through holes for plumbing, heating, ventilation, electrical and telecom installations
- Anchoring railings
- Through holes in brittle materials
- Through holes in inhabited buildings
- Through holes close to edges
- Fastening signs, including road signs

Technical Data:

Voltage:	110 V	120 V	230 V	240 V
Nominal power:	1700W	1800W	1900W	1900W
Nominal current	16 A	15 A	8.7 A	8.3 A
Frequency:	50 – 60 Hz			
Coring range - gear 1 (dry):	122 – 162 mm			
Coring range - gear 2 (dry):	67 – 122 mm			
Coring range - gear 3 (dry):	12 – 62 mm			
Coring range - gear 1 (wet):	57 – 152 mm			
Coring range - gear 2 (wet):	28 – 52 mm			
Coring range - gear 3 (wet):	12 – 25 mm			
Speed 1 no load:	780 rpm			
Speed 2 no load:	1400 rpm			
Speed 3 no load:	2600 rpm			
Chuck type:	Quick-release Bl+			
Weight of DD 130 tool:	7.7 kg			
Weight of DD 130 rig:	13 kg			
Weight of complete system:	20.7 kg			
Min. access to walls:	40 mm			
Min. access to corners:	57 mm			
Max. stroke (stationary):	430 mm			



Features and Benefits

- Versatile
- Drills quickly and neatly in reinforced concrete, natural stone, masonry and asphalt
- Designed for both wet and dry coring without modification
- Through holes up to 152 mm in concrete and 162 mm in masonry
- Simple
- Mobile and efficient: can be set-up and operated easily by a single person
- Simple click-action for attaching DD 130 to the drill stand
- Powerful
- High-performance 1900 W motor with plenty of power in reserve
- Three gears for optimum power transmission and to suit the core bit diameter and material

Order Description	Item Number	Sales Quantity
Diamond coring tool DD 130 M 110V	00372452	1
Diamond coring tool DD 130 M 230V	00372449	1

DD 130 rig

Order Description	Item Number	Sales Quantity
Drilling stand DD 130-RIG	00370461	1



Securing the Rig

1. Anchor Fixing

Order Description	Item Number	Sales Quantity
Jack screw assy	00220941	1

Includes clamping spindle and clamping nut



Jack screw DD-CS M12L-SM	00251831	1
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Clamping spindle long

Jack screw DD-CS M12S-SM	00251830	1
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Clamping spindle short

Quick-locking nut DD-CN-SML	00251834	1
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Clamping nut



Quick-release column 2 assy	00009870	1
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Quick-release column



Setting tool HSD-G M12 1/2"X50	00243743	1
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Flush anchor HKD-E M12/50	00258044	100
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2. Vacuum Fixing

DD-VP 4.5 Vacuum Pump

Vacuum pump DD VP4.5 220V	00047034	1
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for use with DD EC-1, DD 80, DD 100



DD-VPX Vacuum Pump

Vacuum pump DD VPX 230V EUR	00332158	1
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for use with DD 130, DD 200, DD 500



Water Collector Systems

Order Description	Item Number	Sales Quantity
Water collector holder DD 130 (hand-held)	00370462	1

Including: water collector holder, water collector ring, 3m hose, centering rings universal splash protector and 2 vacuum attachments.



Water collector holder DD 130 SYSTEM (rig)	00370460	1
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Including: water collector holder, water collector ring, seal adaptor, 3 m hose, 2 universal splash protectors and 2 vacuum attachments



Sealing Discs

Rig drilling

Order Description	Item Number	Sales Quantity
Sealing washer 8 mm	00050230	1
Sealing washer 10-12 mm	00050231	1
Sealing washer 14-16 mm	00050232	1
Sealing washer 18-20 mm	00050233	1
Sealing washer 24-25 mm	00050235	1
Sealing washer 28-30 mm	00050236	1
Sealing washer 32 mm	00050237	1
Sealing washer 37-42 mm	00050238	1
Sealing washer 107-117 mm	00046107	1
Sealing washer 122-132 mm	00046108	1
Sealing washer 47-56 mm	00046103	1
Sealing washer 62-72 mm	00046104	1
Sealing washer 77-87 mm	00046105	1
Sealing washer 92-102 mm	00046106	1



Hand-held drilling

Sealing washer DD-SW-10/12-S	00207304	1
Sealing washer DD-SW-14/16-S	00207305	1
Sealing washer DD-SW-18/20-S	00207306	1
Sealing washer DD-SW-24/25-S	00207307	1
Sealing washer DD-SW-28/30-S	00207308	1
Sealing washer DD-SW-32-S	00207309	1
Sealing washer DD-SW-42-S	00207310	1
Sealing washer DD-SW-47/56-S	00207311	1
Sealing washer DD-SW-62/72-S	00207312	1
Sealing washer DD-SW-77/87-S	00207313	1
Sealing washer DD-SW-8-S	00207303	1



Additional accessories

Order Description	Item Number	Sales Quantity
Wheel DD-BW assy	00232228	1
Sharpening plate (319x319x18mm)	00051343	1
Water supply unit 10L (with 3.5m flexible tube)	00009829	1



DD 200 Diamond Coring Tool

2600 W drilling range: 25 – 400 mm
optimum range: 50-250 mm

Applications:

- Penetrations for ducts, pipes and cables
- Openings for ventilation
- Stitch drilling for breaches
- Holes for service entries
- Core drilling in ceilings, walls and floors without hammering or vibration
- Demolition work
- Diamond drilling service contractors

Technical Data:

Drilling diameter range:	25 - 400 mm
Voltage:	100 / 120 / 220 / 230 / 240 V
Rated power input:	2600 W
Rated current input:	11.3 A
Speed under no load:	Diameter range:
gear 1: 320 rpm	202 - 400 mm
gear 2: 550 rpm	102 - 182 mm
gear 3: 1120 rpm	25 - 97 mm
Weight of complete system:	30 kg
Weight (drive unit):	12.7 kg



Features and Benefits

- Diamond coring made easy: Easy to handle, easy to understand and easy to operate
- Simple control panel
- Powerful motor, air-cooled 2600 Watt drive unit with 3-speed gearing and convenient controls. Compact design, weight only 12.7 kg
- BL core bit connection
- Quick-release chuck for diamond core bits with BL connection end - lighter and easier to use
- A new drill stand: sturdy, versatile and easily set up
- Range of highly convenient and functional accessories

Order Description	Item Number	Sales Quantity
Diamond coring tool DD 200 BL 230V	00283497	1
Diamond coring tool DD 200 BL 110V	00283491	1

Order Description	Item Number	Sales Quantity
Drilling stand DD-HD 30	00305534	1

for use with DD 200, DD 500



HILTI	1 Year
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURERS WARRANTY

DD 500 diamond coring system with high-frequency motor technology

Uses

- Penetrations up to 600 mm diameter in reinforced concrete and all types of stone
- Corner holes for wall-sawing applications
Door and window openings
- Penetrations
Installation of pipes and cables, e.g. ventilation ducts
- Large-diameter coring
Manholes / foundations
- Deep-hole coring
Anchors / foundations / repair work
- Coring applications in highly reinforced concrete
e.g. atomic power stations / bridges

Technical Data:

Drilling diameter range:	82 – 600 mm dia. Optimal: 82 – 500 mm dia. (450 mm dia. and larger with 2 spacers)
Voltage:	400 V three-phase
Rated power:	5500 W
Rated current:	13 A
Gearing	E-gears
min. / max. speed:	10 electronic speeds: 265 r.p.m. – 571 r.p.m.
Weight:	16.6 kg
Core bits:	– New HX Line diamond core bits
Additional features:	<ul style="list-style-type: none"> – Power Controls – Iron Boost function for higher performance on rebar – 3-way water swivel for wet and dry drilling and for draining the core bit

Radio and TV interference suppression in accordance with EN 55014

Protection class I appliance with internal protection class II design
(requires electric supply with earth/ground connection).

Approved in accordance with IEC 61029.



Advantages

- Powerful high-frequency motor with 10 electronic speeds (E-gears)
- Iron Boost function for higher performance when drilling into rebars
- User-friendly Power Controls indicate optimum pressing force
- Range of matched H Line and HX Line core bits up to 600 mm diameter
- Superior system performance for maximum profitability
- IP 55 design provides protection from water splashes



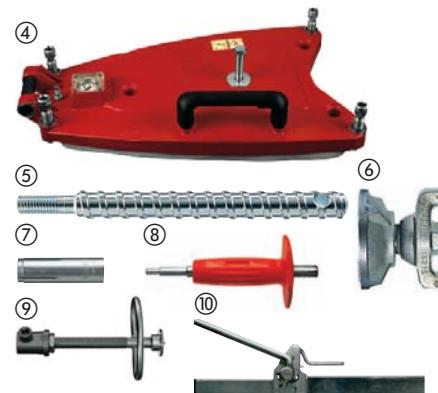
Drive units and drill stands

Description	Package contents	Ordering designation	Item no.
Drive unit with BL chuck	1	DD 500	① 285908
Drive unit with BS chuck	1	DD 500	② 285909
Drill stand, complete	1	DD-HD 30	③ 305534



Fastening components

Description	Package contents	Ordering designation	Item no.
Vacuum base plate	1	DD-HD30-VBP	④ 337378
Vacuum base plate for pipes	1	DD-HD30-VBPP	305944
Vacuum pump	1	DD-VPX	332158
Clamping spindle	1	DD-CS-M16	⑤ 337378
Clamping nut	1	DD-CN-SML	⑥ 251834
HKD-E flush anchor	25	HKD-E M16x65	⑦ 258045
Manual setting tool for HKD-E	1	HSD-G	⑧ 243744
Bracing spindle	1	DD-HD30-SL	⑨ 305940
Quick-release brace	1		⑩ 009870



Accessories for the DD HD-30

Ordering designation	Item no.
DD-HD30-CC cross-column adaptor	305540
DD-HD30-ES depth gauge	305535
DD-HD30-XT extension rail, complete (1 m)	305537
DD-HD30-XT30 extension rail, complete (0.3 m)	285296
DD-HD30-W wheels (set of 2)	⑪ 305541
DD-HD30-SP spacer for core bit dia. > 300 mm (150 mm steps)	⑫ 305539



Water supply and disposal

Description	Package contents	Ordering designation	Item no.
Water collector holder	1	DD-HD30-WCH	⑯ 305536
Water collector ring (8–87 mm dia.)	1	DD-WC-S	⑯ 232204
Water collector ring (25–162 mm dia.)	1	DD-WC-SM	⑯ 232221
Water collector ring (92–250 mm dia.)	1	DD-WC-ML	⑯ 232243
Water flow indicator	1	DD-WFI	⑯ 305939
Water supply unit (capacity 10 liters, with 3.5 m water supply hose)	1		⑰ 009829
VCU 40 Universal dry/wet vacuum cleaner	1	TDA-VC 60	000000



For diameter (mm)	Package contents	For use with DD-WC-S	For use with DD-WC-SM	For use with DD-WC-ML
24– 25	1	207307	207314	–
28– 30	1	207308	207315	–
32– 40	1	207309	207316	–
42	1	207310	207317	–
47– 56	1	207311	207318	–
62– 72	1	207312	207319	–
77– 87	1	207313	207320	–
92–102	1	–	207321	207321
107–117	1	–	207322	207322
122–132	1	–	207323	207323
142–152	1	–	207324	207324
158–162	1	–	207325	207325
172	1	–	–	207338
182	1	–	–	207339
202	1	–	–	207340
225	1	–	–	207341
250	1	–	–	207342



Laser welded dry diamond core bit programme

Core bit programme

		Hilti specification	
The right diamond core bit for each material		HDM 2	HDM 1
Hilti specification	Cement products	Cement bricks and slabs	
		Cement pipes	
		Exposed aggregate slabs	
	Synthetic and natural stone	Synthetic stone slabs	
		Sand stone	
		Granite	
		Marble	
		Porphyre	
	Masonry blocks	Gas concrete	
		Lightweight concrete blocks	
Masonry bricks		Slag-aggregate blocks, firebrick	
		Sand-lime blocks, soft	
		Sand-lime blocks, hard	
		Soft, abrasive brick	
		Hard, low abrasive brick	
Pantiles/tiles/ slabs		Clinker brick	
		Chimney brick	
		Ceramic brick	
		Clay pipes	
		Glazed tiles	
		Ceramic slabs	
		Stoneware items	
		Tiles	

Recommendations for use: Which specification for which material?

Type of concrete	Type of aggregates	Desired characteristics	P2 / P130	P4	P6	HWC
Reinforced concrete with low abrasiveness	High limestone content	Fast cutting	■	■	--	■
		Long life	■	■	--	□
Reinforced concrete with hard aggregates and high quartz sand content	High quartz content High granite content	Fast cutting	■	■	■	■
		Long life	□	■	□	□
Reinforced concrete with high abrasiveness and very hard aggregates	High flint content	Fast cutting	--	■	■	--
		Long life	--	□	■	--
Heavily reinforced concrete		Fast cutting	■	□	--	--
		Long life	■	■	--	--
Pre-cast cement	Cement blocks		■	■	--	■
	Cement pipes		■	■	--	■
Synthetic and natural stone	Synthetic stone slabs		■	--	--	■
	Sandstone		■	■	--	■
	Granite		■	--	--	--
	Marble		■	--	--	--
	Porphyry		■	--	--	--
Clay pantiles, floor and wall tiles, slabs	Clay pipes		--	--	--	■
	Tiles		--	--	--	■
	Ceramic tiles		--	--	--	■
	Earthenware		--	--	--	■
	Floor and wall tiles		--	--	--	■
Asphalt	Asphalt		--	■	--	--

■ = very good

■ = good

□ = not so good

-- = not recommended

DD-BI-HDM 1 core bits

To suit DD100 and DD130 dry hand held
(Abrasive masonry)



Diameter (mm)	Working length (mm)	Ordering designation	With I+ - type connection end Item no.
52	280	DD-B. 52/280-HDM 1	310663
52	430	DD-B. 52/430-HDM 1	310664
67	280	DD-B. 67/280-HDM 1	310665
67	430	DD-B. 67/430-HDM 1	310666
87	280	DD-B. 87/280-HDM 1	310667
87	430	DD-B. 87/430-HDM 1	310668
102	280	DD-B.102/280-HDM 1	331557
102	430	DD-B.102/430-HDM 1	331558
112	280	DD-B.112/280-HDM 1	310671
112	430	DD-B.112/430-HDM 1	310672
122	280	DD-B.122/280-HDM 1	310673
132	280	DD-B.132/280-HDM 1	310674
152	180	DD-B.152/180-HDM 1	310675
162	180	DD-B.162/180-HDM 1	310676

DD-BI-HDM 2 core bits

To suit DD100 and DD130 dry hand held
(Standard masonry)

Diameter (mm)	Working length (mm)	Ordering designation	With I+ - type connection end Item no.
16	280	DD-B. 16/280-HDM 2	239879
22	280	DD-B. 22/280-HDM 2	239880
22	430	DD-B. 22/430-HDM 2	239881
25	280	DD-B. 25/280-HDM 2	239882
25	430	DD-B. 25/430-HDM 2	239883
28	280	DD-B. 28/280-HDM 2	239884
28	430	DD-B. 28/430-HDM 2	239885
37	280	DD-B. 37/280-HDM 2	314812
37	430	DD-B. 37/430-HDM 2	314813
42	280	DD-B. 42/280-HDM 2	314814
42	430	DD-B. 42/430-HDM 2	314815
52	280	DD-B. 52/280-HDM 2	310677
52	430	DD-B. 52/430-HDM 2	310678
67	280	DD-B. 67/280-HDM 2	310679
67	430	DD-B. 67/430-HDM 2	310680
87	280	DD-B. 87/280-HDM 2	310681
87	430	DD-B. 87/430-HDM 2	310682
102	280	DD-B.102/280-HDM 2	331559
102	430	DD-B.102/430-HDM 2	331560
112	280	DD-B.112/280-HDM 2	310685
112	430	DD-B.112/430-HDM 2	310686
122	280	DD-B.122/280-HDM 2	310687
132	280	DD-B.132/280-HDM 2	310688
152	180	DD-B.152/180-HDM 2	310689
162	180	DD-B.162/180-HDM 2	310690

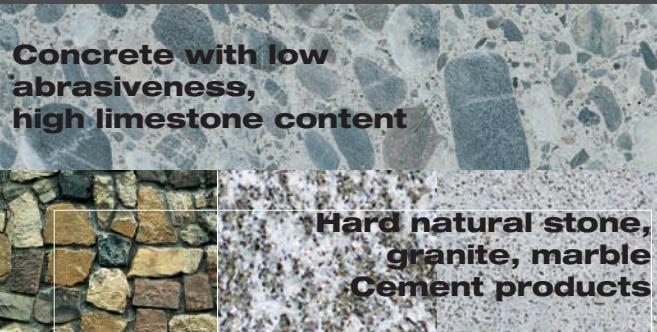
Dry diamond core bit programme**DD-CM change modules**

Diameter (mm)	Ordering designation	Item no.	HDM 1	HDM 2
8	DD-CM 8-..	-		
10	DD-CM 10-..	-		
12	DD-CM 12-..	-		
14	DD-CM 14-..	-		
15	DD-CM 15-..	-		
16	DD-CM 16-..	-	236224	
18	DD-CM 18-..	-		
20	DD-CM 20-..	-		
22	DD-CM 22-..	-	236225	
24	DD-CM 24-..	-		
25	DD-CM 25-..	-	236226	
28	DD-CM 28-..	-	236227	
30	DD-CM 30-..	-		
32	DD-CM 32-..	-		
35	DD-CM 35-..	-		
37	DD-CM 37-..	-	314816	
40	DD-CM 40-..	-		
42	DD-CM 42-..	-	314817	
47	DD-CM 47-..	-		
52	DD-CM 52-..	310691	310700	
56	DD-CM 56-..	-		
62	DD-CM 62-..	-		
67	DD-CM 67-..	310692	310701	
72	DD-CM 72-..	-		
77	DD-CM 77-..	-		
82	DD-CM 82-..	-		
87	DD-CM 87-..	310693	310702	
92	DD-CM 92-..	-		
97	DD-CM 97-..	-		
102	DD-CM 102-..	331561	331562	
107	DD-CM 107-..	-		
112	DD-CM 112-..	310695	310704	
117	DD-CM 117-..	-		
122	DD-CM 122-..	310696	310705	
132	DD-CM 132-..	310697	310706	
142	DD-CM 142-..	-		
152	DD-CM 152-..	310698	310707	
158	DD-CM 158-..	-		
162	DD-CM 162-..	310699	310708	
172	DD-CM 172-..	-		
182	DD-CM 182-..	-		
202	DD-CM 202-..	-		
225	DD-CM 225-..	-		
250	DD-CM 250-..	-		

DD-B-CA centering aids

(To suit HDM 1 and HDM 2 core bits)
metal re-useable hole starting aids.

Diameter (mm)	Ordering designation	Item no.
52	DD-B-CA 52	311059
67	DD-B-CA 67	311060
87	DD-B-CA 87	311061
102	DD-B-CA 102	331563
112	DD-B-CA 112	311063
122	DD-B-CA 122	311064
132	DD-B-CA 132	311065
152	DD-B-CA 152	311066
162	DD-B-CA 162	311067
Replacement pilot drill bits for above:		
52-67	Pilot bit 5/70	300243
87-122	Pilot bit 5/90	300244
132-162	Pilot bit 6/90	300245

DD-B P2 core bits**Uses**

Material: Concrete with low abrasiveness and high limestone content

Features: Very rapid drilling progress, long life

DD100 / DD130**DD160
DD200
DD250**

Diameter mm	Working length mm	Ordering designation	Item no.				
25	320	DD-B 28/320 P2	370244	370275	370256	—	282575
25	430	DD-B 25/430 P2	—	—	370257	—	282576
28	320	DD-B 28/320 P2	370246	370277	370260	—	282577
28	430	DD-B 28/430 P2	—	—	370261	—	282578
30	320	DD-B 30/320 P2	370248	370279	370264	—	282579
30	430	DD-B 30/430 P2	—	—	370265	—	282580
32	320	DD-B 32/320 P2	370249	370280	370266	—	282581
32	430	DD-B 32/430 P2	—	—	370267	—	282582
35	430	DD-B 35/430 P2	370251	370282	370270	—	282583
37	430	DD-B 37/430 P2	370252	370283	370271	—	282584
40	430	DD-B 40/430 P2	370253	370284	370272	—	282585
42	430	DD-B 42/430 P2	370254	370285	370273	—	282586
47	430	DD-B 47/430 P2	370255	370286	370274	—	282587
52	430	DD-B 52/430 P2	370931	370944	370951	370975	282588
57	430	DD-B 57/430 P2	370932	370945	370952	370976	282589
62	430	DD-B 62/430 P2	370933	370946	370953	370977	282590
67	430	DD-B 67/430 P2	370934	370947	370954	370978	282591
72	430	DD-B 72/430 P2	370935	370948	370955	370979	282592
77	430	DD-B 77/430 P2	370936	370949	370956	370980	282593
82	430	DD-B 82/430 P2	370937	370950	370958	370981	282594
87	430	DD-B 87/430 P2	370938	—	370959	370982	282595
92	430	DD-B 92/430 P2	370939	—	370960	370983	282596
102	430	DD-B 102/430 P2	—	—	370961	370984	282597
112	430	DD-B 112/430 P2	—	—	370962	370985	282598
122	430	DD-B 122/430 P2	—	—	370963	370986	282599
132	430	DD-B 132/430 P2	—	—	370964	370987	282600
142	430	DD-B 142/430 P2	—	—	—	—	282601
152	430	DD-B 152/430 P2	—	—	370965	370988	282602
162	430	DD-B 162/430 P2	—	—	370966	370989	282603
182	430	DD-B 182/430 P2	—	—	370967	370990	282604
202	430	DD-B 202/430 P2	—	—	370968	370991	282605
205	430	DD-B 205/430 P2	—	—	370969	370992	282606
225	430	DD-B 225/430 P2	—	—	370970	370993	282607
250	430	DD-B 250/430 P2	—	—	370971	370994	282608
300	500	DD-B 300/500 P2	—	—	370972	370995	282609
350	500	DD-B 350/500 P2	—	—	370973	370996	282610
400	500	DD-B 400/500 P2	—	—	370974	370997	282611

DD-B P4 core bits

Concrete with medium abrasiveness, high quartz content

Uses

Material: Concrete with medium abrasiveness and high quartz content

Features: Rapid drilling progress, very long life

DD100 / DD130**DD160****DD200****DD250**

With I
connection end



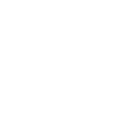
With R
connection end



With U
connection end

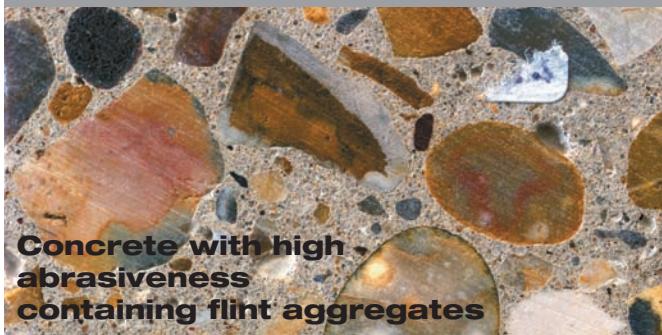


With S
connection end



With L
connection end

Diameter mm	Working length mm	Ordering designation	Item no.				
12	320	DD-B 12/320 P4	370295	370337	—	—	282612
14	320	DD-B 14/320 P4	370297	370339	—	—	282613
16	320	DD-B 16/320 P4	370299	370341	—	—	282614
18	320	DD-B 18/320 P4	370300	370342	—	—	282615
20	320	DD-B 20/320 P4	370302	370344	—	—	282616
22	320	DD-B 22/320 P4	370304	370346	—	—	282617
24	320	DD-B 24/320 P4	370305	370347	—	—	282618
25	320	DD-B 25/320 P4	370306	370348	370318	—	282619
25	430	DD-B 25/430 P4	—	—	370319	—	282620
28	320	DD-B 28/320 P4	370308	370350	370322	—	282621
28	430	DD-B 28/430 P4	—	—	370323	—	282622
30	320	DD-B 30/320 P4	370310	370352	370326	—	282623
30	430	DD-B 30/430 P4	—	—	370327	—	282624
32	320	DD-B 32/320 P4	370311	370353	370328	—	282625
32	430	DD-B 32/430 P4	—	—	370329	—	282626
35	430	DD-B 35/430 P4	370313	370355	370332	—	282627
37	430	DD-B 37/430 P4	370314	370356	370333	—	282628
40	430	DD-B 40/430 P4	370315	370357	370334	—	282629
42	430	DD-B 42/430 P4	370316	370358	370335	—	282630
47	430	DD-B 47/430 P4	370317	370359	370336	—	282631
52	430	DD-B 52/430 P4	370998	371012	371105	371125	282632
57	430	DD-B 57/430 P4	370999	371099	371106	371126	282633
62	430	DD-B 62/430 P4	371000	371100	371107	371127	—
67	430	DD-B 67/430 P4	371001	371101	371108	371128	282635
72	430	DD-B 72/430 P4	371002	371102	371109	371129	—
77	430	DD-B 77/430 P4	371003	371103	371110	371130	282637
82	430	DD-B 82/430 P4	371004	371104	371111	371131	282638
87	430	DD-B 87/430 P4	371005	—	371112	371132	282639
92	430	DD-B 92/430 P4	371006	—	371113	371133	282640
102	430	DD-B 102/430 P4	—	—	371114	371134	282641
112	430	DD-B 112/430 P4	—	—	371115	371135	282642
122	430	DD-B 122/430 P4	—	—	371116	371136	282643
132	430	DD-B 132/430 P4	—	—	371117	371137	282644
142	430	DD-B 142/430 P4	—	—	—	—	—
152	430	DD-B 152/430 P4	—	—	371118	371138	282645
162	430	DD-B 162/430 P4	—	—	371119	371139	282646
182	430	DD-B 182/430 P4	—	—	371120	371140	282647
202	430	DD-B 202/430 P4	—	—	371121	371141	—
205	430	DD-B 205/430 P4	—	—	371122	371142	—
225	430	DD-B 225/430 P4	—	—	371123	371143	—
250	430	DD-B 250/430 P4	—	—	371124	371144	—

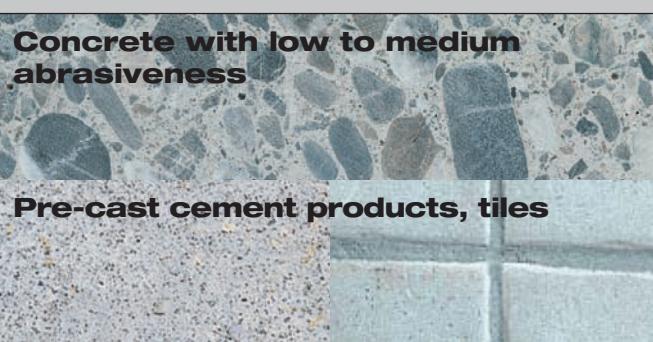
DD-B P6 core bits**Uses**

Material: Concrete with high abrasiveness, containing flint aggregates

Features: Optimum performance under extreme conditions where concrete contains flint aggregates

DD 100 / DD 130**DD 160****DD 200****DD 250**

Diameter mm	Working length mm	Ordering designation	Item no.				
25	320	DD-B 25/320 P6	370374	370405	370386	—	282650
25	430	DD-B 25/430 P6	—	—	370387	—	282649
28	320	DD-B 28/320 P6	370376	370407	370390	—	282650
28	430	DD-B 28/430 P6	—	—	370391	—	282651
30	320	DD-B 30/320 P6	370378	370409	370394	—	282652
30	430	DD-B 30/430 P6	—	—	370395	—	282653
32	320	DD-B 32/320 P6	370379	370410	370396	—	282654
32	430	DD-B 32/430 P6	—	—	370397	—	282655
35	430	DD-B 35/430 P6	370381	370412	370400	—	282656
37	430	DD-B 37/430 P6	370382	370413	370401	—	282657
40	430	DD-B 40/430 P6	370383	370414	370402	—	282658
42	430	DD-B 42/430 P6	370384	370415	370403	—	282659
47	430	DD-B 47/430 P6	370385	370416	370404	—	282660
52	430	DD-B 52/430 P6	371149	371162	371169	371189	282661
57	430	DD-B 57/430 P6	371150	371163	371170	371190	282662
62	430	DD-B 62/430 P6	371151	371164	371171	371191	282663
67	430	DD-B 67/430 P6	371152	371165	371172	371192	282664
72	430	DD-B 72/430 P6	371153	371166	371173	371193	282665
77	430	DD-B 77/430 P6	371154	371167	371174	371194	282666
82	430	DD-B 82/430 P6	371155	371168	371175	371195	282667
87	430	DD-B 87/430 P6	371156	—	371176	371196	282668
92	430	DD-B 92/430 P6	371157	—	371177	371197	282669
102	430	DD-B 102/430 P6	371158	—	371178	371198	282670
112	430	DD-B 112/430 P6	371159	—	371179	371199	282671
122	430	DD-B 122/430 P6	371160	—	371180	371200	282672
132	430	DD-B 132/430 P6	371161	—	371181	371201	282673
142	430	DD-B 142/430 P6	—	—	—	—	—
152	430	DD-B 152/430 P6	—	—	371182	371202	282674
162	430	DD-B 162/430 P6	—	—	371183	371203	282675
182	430	DD-B 182/430 P6	—	—	371184	371204	282676
202	430	DD-B 202/430 P6	—	—	371185	371205	282677
205	430	DD-B 205/430 P6	—	—	371186	371206	282678
225	430	DD-B 225/430 P6	—	—	371187	371207	282679
250	430	DD-B 250/430 P6	—	—	371188	371208	282680

DD-B HWC core bits**Concrete with low to medium abrasiveness****Pre-cast cement products, tiles****DD 130****Uses**

Material: Concrete with low to medium abrasiveness

Features: Rapid drilling progress, sustained suitability for drilling anchor holes with hand-held machines



With I connection end



With R connection end



With U connection end



With S connection end

Diameter mm	Working length mm	Ordering designation	Item no.	Item no.	Item no.	Item no.
8	200	DD-BI 8/200 HWC	239902	-	-	-
10	200	DD-BI 10/200 HWC	239903	-	-	-
12	320	DD-BI 12/320 HWC	370566	-	-	-
14	320	DD-BI 14/320 HWC	370568	-	-	-
16	320	DD-BI 16/320 HWC	370570	-	-	-
18	320	DD-BI 18/320 HWC	370571	-	-	-
20	320	DD-BI 20/320 HWC	370573	-	-	-
22	320	DD-BI 22/320 HWC	370575	-	-	-
24	320	DD-BI 24/320 HWC	370576	-	-	-
25	320	DD-BI 25/320 HWC	370577	-	-	-
28	320	DD-BI 28/320 HWC	370579	-	-	-
30	320	DD-BI 30/320 HWC	370581	-	-	-
32	320	DD-BI 32/320 HWC	370582	-	-	-
35	320	DD-BI 35/320 HWC	370584	-	-	-
40	320	DD-BI 40/320 HWC	370585	-	-	-
42	320	DD-BI 42/320 HWC	370586	-	-	-
52	320	DD-BI 52/320 HWC	370587	-	-	-
62	320	DD-BI 62/320 HWC	370588	-	-	-

DD-B P130 core bits**Concrete with low to medium abrasiveness****Optimised for DD130 tool core bit diameter range 102 - 152 mm****DD 130**

Diameter mm	Working length mm	Ordering designation	Item no.	Item no.	Item no.	Item no.
102	430	DD-BI 102/430 P130	372936	-	-	-
112	430	DD-BI 112/430 P130	372937	-	-	-
122	430	DD-BI 122/430 P130	372938	-	-	-
132	430	DD-BI 132/430 P130	372939	-	-	-
142	430	DD-BI 142/430 P130	372940	-	-	-
152	430	DD-BI 152/430 P130	372941	-	-	-



DD-CM Change modules

Diameter mm	Ordering designation	P2	P4	P6	P130	HWC
		Item no.				
35	DD-CM 35	369953	369977	370001	—	—
37	DD-CM 37	369954	369978	370002	—	—
40	DD-CM 40	369955	369979	370003	—	331651
42	DD-CM 42	369956	369980	370004	—	331654
47	DD-CM 47	369957	369981	370005	—	—
52	DD-CM 52	369958	369982	370006	—	370589
57	DD-CM 57	369959	369983	370007	—	—
62	DD-CM 62	369960	369984	370008	—	370590
67	DD-CM 67	369961	369985	370009	—	—
72	DD-CM 72	369962	369986	370010	—	—
77	DD-CM 77	369963	369987	370011	—	—
82	DD-CM 82	369964	369988	370012	—	—
87	DD-CM 87	369965	369989	370013	—	—
92	DD-CM 92	369966	369990	370014	—	—
102	DD-CM 102	369967	369991	370015	371528	—
112	DD-CM 112	369968	369992	370016	371529	—
122	DD-CM 122	369969	369993	370017	371530	—
132	DD-CM 132	369970	369994	370018	371531	—
152	DD-CM 152	369971	369995	370019	371532	—
162	DD-CM 162	369972	369996	370020	—	—
182	DD-CM 182	369973	369997	370021	—	—
202	DD-CM 202	369974	369998	370022	—	—
225	DD-CM 225	369975	369999	370023	—	—
250	DD-CM 250	369976	370000	370024	—	—

Single segments for retipping

Diameter range (mm)	Segment dimensions LxWxH (mm)	Ordering designation	Item no. Typ 2	Item no. Typ 4	Item no. Typ 6
35– 37	24x3x8	DD-BPSS 35– 37 37371693	371696	371699	—
40– 42	24x3x8	DD-BPSS 40– 42	371694	371697	371700
47	24x3x8	DD-BPSS 47	371695	371698	371701
52	24x3x8	DD-BPSS 52	340545	340554	340563
62– 72	24x3.5x8	DD-BPSS 62– 72	340546	340555	340564
82– 92	24x3.5x8	DD-BPSS 82– 92	340547	340556	340565
102–112	24x3.5x8	DD-BPSS 102–112	340548	340557	340566
122	24x3.5x8	DD-BPSS 122	340549	340558	340567
132–162	24x3.8x8	DD-BPSS 132–16	340550	340559	340568
172–205	24x4x8	DD-BPSS 172–201	340551	340560	340768
225–250	24x4.5x8	DD-BPSS 225–250	340552	340561	340569
300–500	24x5x8	DD-BPSS 300–500	340553	340562	340770

Core bit extension for deep-hole drilling

Extensions (mm)	Min. core bit diameter	Ordering designation	Item no.
300	62	BL core bit extension	305903
200	40	DD-BS-ET 200	202892
500	40	DD-BS-ET 500	202899
300	40	DD-BS-ET 300 (Aluminium)	202900
500	40	DD-BS-ET 500 (Aluminium)	202901
300	40	BI core bit extension	220929
500	40	BR core bit extension	009847
300	40	BU core bit extension	000074

Core bit adaptors (machine end to core bit end)

Ordering designation	Item no.	Ordering designation	Item no.
BL/BU adaptor	282989	BS/BI adaptor	009862
BU/BL adaptor	305909	BS/BU adaptor	009869
BL/BR/BS adaptor	305910	BI/BR adaptor	004429
BI/BR/BS adaptor	373419	BU/BR adaptor	004428
BR/BI adaptor	374230	BU/BS adaptor	004427

Sharpening Plate to sharpen polished segments

Ordering designation	Item no.
Sharpening plate, 319 x 319 x 18 mm	51343



DS-TS5-SE Electric Wall Saw

5 kW, max. cutting depth 300 mm

Applications:

- The professional solution for light-duty wall sawing applications
- Openings for windows and doors
 - Remedial work on facades, partitions and garden walls
 - Flush cutting in all situations
 - Angled cuts, stepped cuts and cutting joints of all kinds
 - Optimal cutting in reinforced concrete, masonry and natural stone up to 28 cm

**Technical Data:**

Nominal power:	5 kW
Nominal current:	16 A
Nominal voltage:	400 V
Nominal speed:	800 – 1200 rpm
Water cooling:	2-4 l/min.
Weight of saw head:	28 kg
Dimensions of saw head:	376x339x269 mm
Protection against water spray:	IP 65
Remote control supply cord length:	7 m
Remote control voltage:	24 V
Remote control weight:	2.2 kg

Features and Benefits

- Compact design
- Saw head with clever water cooling management
- Quick-release mounting system and lateral shift function
- Versatile rail / rail support system with built-in angle adjustment and rail pivot
- Efficient and easy one man transportation, assembly and operation
- excellent performance with short tooth segment-saw blades
- fast, easy and clean for plenty of applications
- Innovative remote control
- User-friendly display panel
- On / Off switch for cooling water

Order Description	Item Number	Sales Quantity
Wall saw DS TS5-SE 400V PR	00305924	1



Blades for the DS-TS5-SE electric wall saw

RC / BC / MC specifications

Saw blade dia. (mm)	No. of segments	Segment dimensions, LxWxH (mm)	Hilti HI mount Ordering designation	Item no.
500	30	40x4x8	DS-BE 500/8 RC	334011
700	40	40x4x8	DS-BE 700/8 RC	334378
745	40	40x4x8	DS-SE 745/8 RC	340987
500	30	40x4x8	DS-BE 500/8 BC	334013
700	40	40x4x8	DS-BE 700/8 BC	334379
745	40	40x4x8	DS-BE 745/8 BC	340894
500	30	40x4x8	DS-BE 500/8 MC	334015
700	40	40x4x8	DS-BE 700/8 MC	334016
500	30	40x4x8	DS-BE 500/8 RC Silent	369060
700	40	40x4x8	DS-BE 700/8 RC Silent	369061
500	30	40x4x8	DS-BE 500/8 BC Silent	340892
700	40	40x4x8	DS-BE 700/8 BC Silent	340893



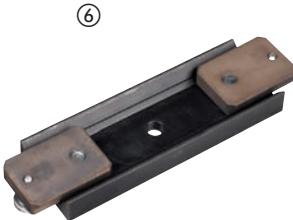
Features

- Short-tooth segments in sandwich design containing high-grade diamonds for high cutting performance and long life.

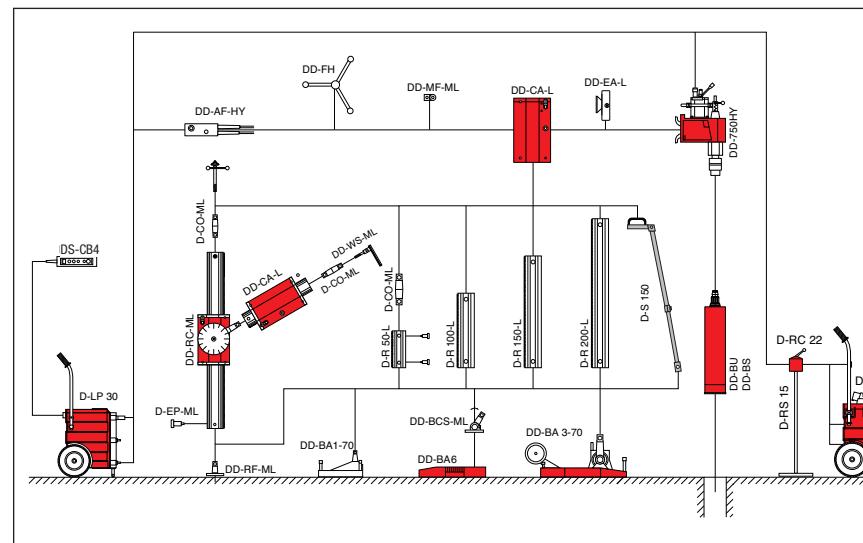
Items contained in the equipment sets

(Also available as individual accessory items)

Ordering designation	Contained in: DS-TS5-E PR	Qty. in package ordered separately	Item no.
DS-TS5-E saw head	1	1	① -
DS-RC-TS5-E remote control		1	② 334176
DS-CA5-E carriage		1	③ 334180
D-R 100, SI rail		2	④ 334188
DS-RFSI rail support		3	⑤ 334194
DS-R FIX SI rail support		2	⑤ 369106
DS-RCSI rail connector	1	1	⑥ 334196
Accessory / tool set		1	⑦ 334159
DS-BG5-ES blade guard	1	1	⑧ 334182
DS-BG5-EF blade guard		1	⑨ 334184
DS-BG5-EC blade guard	1	1	⑩ 334186
DS-TS5-E trolley		1	⑪ 334170



D-LP 15 / DD-750 HY hydraulic drilling



D-LP 15 hydraulic unit



Ordering designation	Standard equipment	Accessory	Number required	Item no.
D-LP 15 hydraulic unit 415 V	●		1	332085

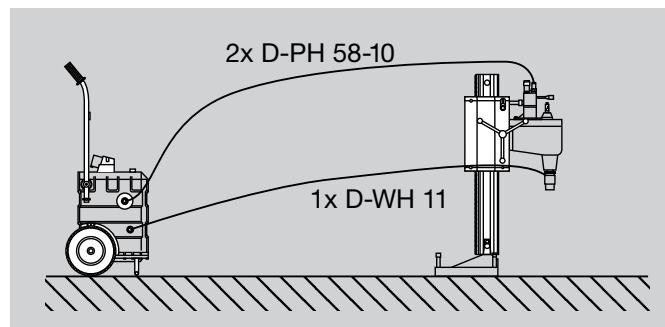
Remote on/off switch for D-LP 15 hydraulic unit



Ordering designation	Standard equipment	Accessory	Number required	Item no.
D-SB 1 remote on/off switch LP 15	●		1	221132

Connecting hoses D-LP 15 hydraulic unit - DD-750 HY drilling unit

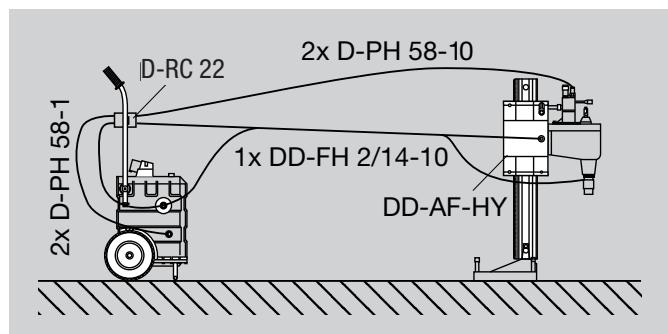
Ordering designation	Standard equipment	Accessory	Number required	Item no.
D-PH 58-10 hydraulic hose	●		2	221130
D-WH 11 water hose	●		1	221131



Remote control equipment for DD-750 HY with automatic drilling feed

Operation from hydraulic unit

Ordering designation	Standard equipment	Accessory	Number required	Item no.
D-PH 58-1 hydraulic hose	●		2	226393
D-RC 22 remote control unit	●		1	310220
D-PH 58-10 hydraulic hose	●		2	221130
DD-AF-HY automatic feed unit	●		1	258438
DD-FH 2/14-10 hydraulic hose unit	●		1	226406



DD-750 HY hydraulic motor unit (without chuck)

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-750 HY-20 ccm hydraulic motor	●	1		258437

Incl. water connector, without chuck

**Chuck for DD-750 HY hydraulic drive unit Adaptors for other connection ends available on request**

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-C-BU chuck	●		1	232234
DD-C-BS chuck		●	1	232235



DD-C-BU DD-C-BS

DD-CA-L carriage

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-CA-L carriage	●		1	207120

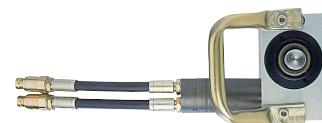
**D-RC 22 remote control unit**

Ordering designation	Standard equipment	Accessory	Number required	Item no.
D-RC 22 remote control unit	●		1	310220

For DD-AF-HY automatic feed unit

**DD-AF-HY automatic feed unit**

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-AF-HY	●		1	258438

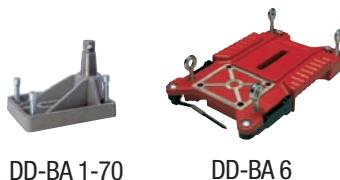
**Feed controls for DD-CA-L carriage**

Ordering designation	Standard equipment	Accessory	Number required	Item no.
Handwheel 1/2"		●	1	009843
D-V007 lever 1/2"	●		1	221202
DD-MF-ML fine feed unit	●		1	232208

**Spacer
(extends drilling range from 500 to 750 mm dia.)**

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-EA-L spacer	●		1	255153



D-LP 15 / DD-750 HY hydraulic drilling**DD-BA baseplates**

DD-BA 1-70

DD-BA 6



DD-BA 3-70



DD-BCR-ML

DD-BCS-ML

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-BA 1-70 baseplate		●	1	370484
DD-BA 3-70 baseplate	●		1	221150
DD-BA 6 baseplate	●		1	232218
DD-BCS-ML baseplate taper* (Tilting)	●			232216
DD-BCR-ML baseplate taper* (Rotating)	●			232217

* 1 baseplate taper required with DD-BA-6 (type depends on application)

Recommended applications

DD-BA 3-70	large baseplate	Up to 750 mm dia.
DD-VH 2	large vacuum baseplate	For DD-BA 3-70 to max. 250 mm dia.
DD-BA 6	medium baseplate (DD-250 E)	Up to 400 mm dia.
DD-BA 1-70	small baseplate	Up to 250 mm dia.
DD-BV-P	vacuum baseplate for pipes	Up to max. 250 mm dia.

Vacuum pad for DD-BA 3-70 baseplate

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-VH 2 vacuum pad		●	1	221182

M16 rapid anchor for baseplate

DD-CN-SML



M16 clamping spindle

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-CS-M16 bracing spindle	●		1	337378
DD-CN-SML clamping nut	●		1	251834

D-R ... L rails / columns

D-R--L rail

D-R-150 T-L
telescopic rail

Ordering designation	Standard equipment	Accessory	Number required	Item no.
D-R 50-L rail / column		●	1	310335
D-R 100-L rail / column	●		1	310336
D-R 150-L rail / column	●		1	310337
D-R 200-L rail / column	●		1	310338
D-R 230-L rail / column	●		1	310339
DD-R 150 T-L rail / column (telescopic)	●		1	207129

Accessories for joining rails / columns

D-EP-ML

D-CO-ML

Ordering designation	Standard equipment	Accessory	Number required	Item no.
D-CO-ML taper	●		1	232241
D-EP-ML eccentric bolt	●		2	232244

Column brace

Ordering designation	Accessory	Number required	Item no.
DS 100/150 column brace	●	1	258597

(for large diameter drilling/plunge saw operations – prevents column flexing – adding stability)

Rail-fastening accessories

Ordering designation equipment	Standard equipment	Accessory required	Number required	Item no.
Spindle	●		1	009854

**Cross column adaptor**

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-RC-ML cross column adaptor		●	1	207131

**Carriage end stop**

Ordering designation	Standard equipment	Accessory	Number required	Item no.
DD-CP-L clamping piece	●		2	235929

**Tools / accessories**

Ordering designation	Standard equipment	Accessory	Number	Item no. required
DS tool set for the TS22/750HY	●		1	258393
Open-end wrench 1 1/4" (for DD-BS core bits)		●	1	221200
Open-end wrench 1 3/8" (35 mm AF) (for DD-C-BS chuck)		●	1	090799
HLP 46 hydraulic oil (25 litres) (for topping up LP 15/LP 32)		●	1	221201

DD-750 HY powered by D-LP 32

Ordering designation	Accessory	Number required	Item no.
MF 3/4" - 5/8" angular coupling	●	1	241622
FM 3/4" - 5/8" angular coupling	●	1	241621



D-LP15/DS-TS22 wall saw systems

Uses

- Professional sawing applications, for example:
- Breaches and openings for windows and doors etc.
 - Concrete demolition and remedial work
 - Effortless flush cutting in all positions
 - Angular cutting and stepped cuts

Materials

- Concrete and reinforced concrete, depth of cut up to 53 cm
- Masonry and stone

Features

- DS-TS 22 with remote control unit
- DS-TS 22 C controlled from the sawing head
- Mounted on quick-release eccentric rollers on a modular rail system
- 360° pivoting arm, blade guard moves with the arm
- Built-in 2-speed blade motor for optimum cutting performance
- Semi-automatic controllable advance independent of material being cut
- Suitable for use with a number of specified power units

D-LP15/DS-TS22 wall saw - premium

Complete set

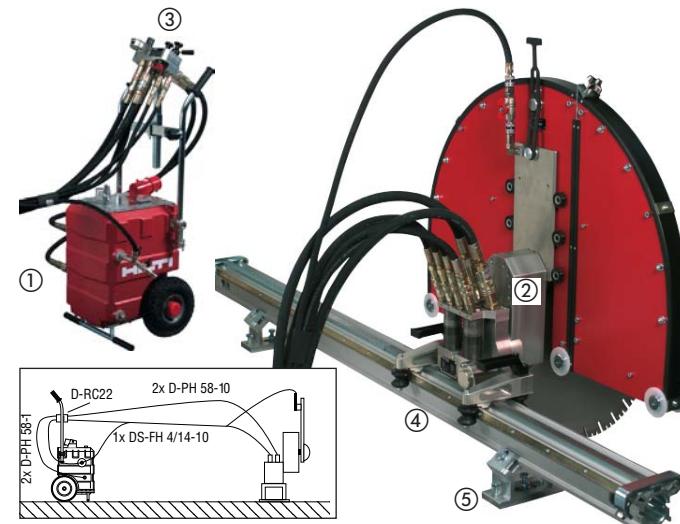
Ordering designation

Qty.

Item no.

Comprising	Qty.	Item no.
D-LP15 415 V hydraulic unit	1	① 332085
DS-TS22 saw head	1	② 310218
D-RC22 remote control unit	1	③ 310220
DS-PH58-10 hydraulic hose	2	221130
DS-PH58-1 hydraulic hose	2	226393
DS-FH4/14-10 hydraulic hose set	1	221129
D-R100L rail	1	④ 310336
D-R200L rail	1	310338
DS-RF rail support	3	⑤ 207136
DS-BG8 blade guard	1	⑥ 370474
LP15-TS-HY tool set	1	258393

supplied on a pallet with frame



D-LP15/DS-TS22C wall saw - economy

Complete set

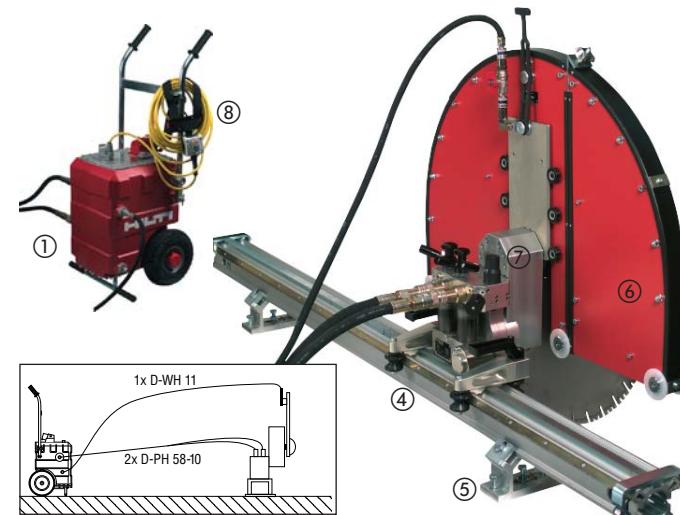
Ordering designation

Qty.

Item no.

Comprising	Qty.	Item no.
D-LP15 415 V hydraulic unit	1	① 332085
DS-TS22C saw head (with DS-SB1 ⑧)	1	⑦ 308912
DS-PH58-10 hydraulic hose	2	221130
D-WH11 water hose	1	221131
D-R100L rail	1	④ 310336
D-R200L rail	1	310338
DS-RF rail support	3	⑤ 207136
DS-BG8 blade guard	1	⑥ 370474
LP15-TS-HY tool set	1	258393
DS-SB1 remote on/off for D-LP15	1	⑧ 371387

supplied with the DS-TS 22C



D-LP15 hydraulic unit

Ordering designation

D-LP15 (415 V)

Qty.

332085



Technical data for the D-LP15

Rated power input at 32 A:	22 kW
Nominal power:	15 kW
Nominal voltage:	400 V ~ 50 Hz 3 P+Pe
Fuse rating, min.:	16 A
Fuse rating, max.:	32 A
Max. operating pressure:	190 bar
Oil flow rate:	45 l/min.
Weight:	113 kg
Hydraulic remote control:	D-RC 22
On/off:	electric



Technical data for the D-RC22 remote control

Remote control for DS-TS 22:	hydraulic
Hydraulic pressure coupling:	5/8"
Hydraulic control coupling:	1/4"



D-RC22



Technical data for the DS-TS 22 / DS-TS 22 C

Hilti motor:	30 cm ³
Oil flow rate:	45 l/min
Max. operating pressure:	180 bar
Blade dia. range 1st gear:	800–1200 mm dia.
	600–800 mm dia.
Max. cutting depth:	53 cm
Weight of DS-TS 22:	27 kg
Weight of DS-TS 22 C:	31 kg
TS 22 operation:	D-RC 22 remote control
TS 22 C operation:	at saw head



DS-TS 22



DS-TS 22C

Right of technical changes reserved

D-LP32 / DS-TS32 modular wall saw system, adaptable to individual requirements

Uses

Universal system for sawing specialists and service contractors:

- Sawing, coring and wire sawing
- Breaches and openings for windows and doors etc.
- Concrete demolition and remedial work
- Powerful, quick and convenient

Materials

- Concrete and reinforced concrete, cutting to a depth of 73 cm
- Masonry and stone



HTC – Hilti traction control



Convenient controls

- Digital remote control for greater convenience, safety and efficiency
- Operating status indicators
- Fault indicators
- For all applications



Powerful drive

- Compact saw head
- Saw arm with built-in hydraulic motor
- Central cooling water supply for motor and saw blade
- Saw arm with synchronised blade guard pivots 360° in both directions



Intelligent advance

- HTC for maximum power transmission and highest cutting performance
- Semi-automatic advance, independent of the material being cut
- Cam-action roller system for rapid saw head mounting

D-LP 32 hydraulic unit



Technical data

Rated power input at 63 A:	43 kW
Nominal power:	32 kW
Nominal voltage:	400 V ~ 50 Hz 3 P+PE
Fuse rating, min.:	32 A
Fuse rating, max.:	63 A
Max. operating pressure:	200 bar
Oil flow rate:	40–100 l/min.
Weight incl. oil:	220 kg
Digital electronic remote control:	24 V

To achieve best possible cutting performance, the Hilti Traction Control System compares the calculated value, up to 100 times per second, with the mains power limiting value, set by the operator on the digital remote control unit.

DS-TS 32 saw head



Technical data

Hilti motor:	54 cm ³
Max. operating pressure:	200 bar
Max. oil flow rate:	100 l/min.
Dia. range, single gear:	800–1600 mm
Max. cutting depth:	73 cm
Weight:	36 kg
Variable speed:	400–900 RPM

Right of technical changes reserved

The new D-LP 32 / DS-TS 32 wall saw system is compatible with the previous D-LP 30 / DS-TS 30 system.

D-LP32 hydraulic unit

Ordering designation

	Qty.	Item no.
D-LP32 (400 V) incl. RC-LP 32 remote control unit	1	① 369313
D-RC-LP32 remote control unit (replacement)	1	② 369312
D-RC-ext. extension cable 10 m, for remote control unit	1	334178

**DS-TS32 saw head**

Ordering designation

	Qty.	Item no.
DS-TS32 – 54 cm³ saw head	1	③ 369315

Premium Kit

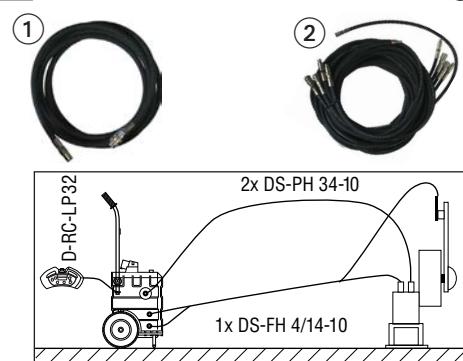
Ordering designation

	Qty.	Item no.
D-LP32/DS-TS 32 Complete kit		370722
Comprising D-LP32 hydraulic unit	1	369313
DS-TS32 saw head	1	369315
DS-PH34-10 hoses	2	221128
DS-FH4/14-10 hose Set	1	221129
D-R-100-L rail	2	310336
DS-RF rail foot	4	207136
DS-BG8 blade guard	1	370474
Tool kit	1	370690

Hoses for connecting D-LP32 hydraulic unit to DS-TS32 saw head and extension

Ordering designation

	Qty.	Item no.
DS-PH34-10 hydraulic hose	2	① 221128
DS-FH4/14-10 hydraulic hose set	1	② 221129

**Blade guard for flush cutting**

DS-BG60/80 center section	284818
DS-BG60 side section, complete	284826
DS-BG80 side section	284827
DS-BG100/120 center section	284819
DS-BG100 side section	284828
DS-BG120 side section	284829
DS-BG16 blade guard	333883

**Blade guard for flush cutting**

DS-BGF60/80 center section	284820
DS-BGF80 side section	284831
DS-BGF100/120 center section	284821
DS-BGF120 side section	284833
DS-BGF16 blade guard	256237

**D-R..L rails**

Ordering designation

	Accessory TS30	Accessory TS32	Qty.	Item no.
D-R50L rail	●	●	1	310335
D-R100L rail	●	●	1	310336
D-R150L rail	●	●	1	310337
D-R200L rail	●	●	1	310338
D-R230L rail	●	●	1	310339

Each D-R..L rail is supplied complete with two end stops.



Parts for mounting and extending D-R..L rails

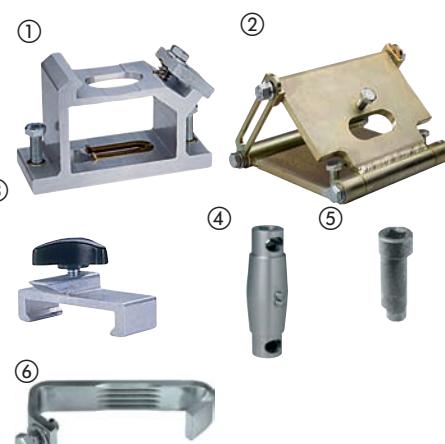
Ordering designation

	Accessory TS30	Accessory TS32	Number required	Item no.
DS-RF rail support	●	●	2	① 207136
DS-RFP angular cutting plate *	●	●	2	② 370483
D-CP-ML rail clamp **	●	●	1	③ 207137 ③
D-CO-ML taper **	●	●	1	④ 232241
D-EP-MIL eccentric pin $\frac{1}{8}$ " **	●	●	2	⑤ 232244
DS-ES-L end stop ***	●	●	1	⑥ 371703

* For angled and stepped cuts

** For connecting all D-R L-type rails (order required number), also included in the D-LP 32 / DS-TS 32 tool set

*** Each D-R..L rail is supplied complete with two end stops.



Accessories and tools

Ordering designation

	Accessory TS30	Accessory TS32	Number required	Item no.
D-LP 32/DS-TS 32 tool set *	●	●	1	① 370690
HVLP 46 hydraulic oil (25 litres)	●	●	1	221201
D-PRT pressure release valve, FH $\frac{1}{4}$ " **	●	●	1	258005
D-PRT pressure release valve, PH $\frac{3}{8}$ " **	●	●	1	258007
D steel wedge, 130x70x20 **	●	●	2-6	② 041910
Y-piece water valve for optimum water regulation	●	●	1	③ 339380
HKD-D M12x50 flush anchor	●	●	50	④ 252961
BB blow-out bulb **	●	●	1	⑤ 059725
HSD-G M12 $\frac{1}{4}$ " hand setting tool **	●	●	1	⑥ 243743
RC-LP32/TS5-E shoulder belt with fastener			1	⑦ 373243

* See separate brochure „LP 32 / TS 32 tools and accessories“ (item no. 00370691) for list of contents and item nos.

** Also included in the D-LP 32 / DS-TS 32 tool set



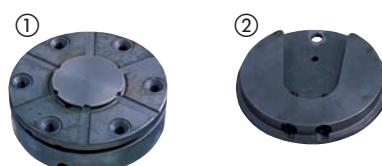
DS-FCA-110 flush-cutting flange

Ordering designation

	Accessory TS30	Accessory TS32	Number required	Item no.
DS-FCA-110 flush-cutting flange, complete *	●	●	1	① 258436
DS-FCA-110FF flange, individual part	●	●	1	② 307188

* Includes screws, seals, grip and tools. Suitable for use with blades with 60 mm dia. mounting hole and 110 mm pitch circle diameter.

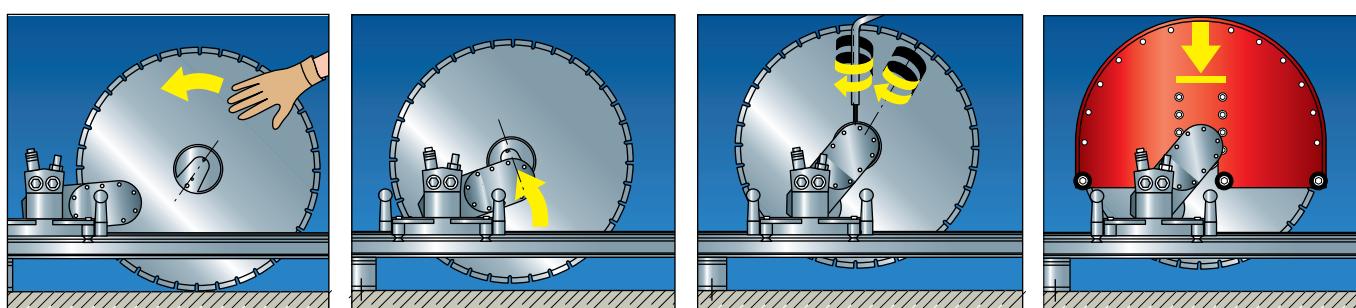
Fits all Hilti TS saw heads with hex. shaft.



Accessories / wearing parts for the DS-FCA-110

Set of 6 screws	●	●	1	242383
Set of 3 seals	●	●	1	242384

The DS-FCA-110 makes setting up easy



Bring the blade into position.

Move the saw arm, under hydraulic power, into the blade-mounting hole.

Secure the blade on the saw arm.

Fit the blade guard and begin sawing.

DS-B Hydraulic wallsaw blade programme

Recommended applications:
The correct specification for the following base material

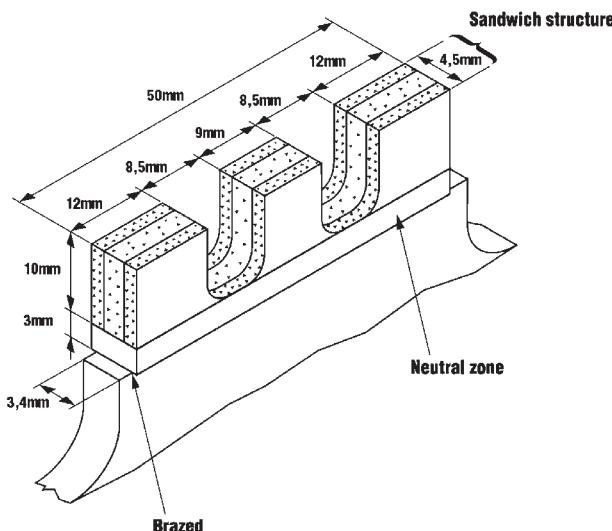
Saw Blade Specification

Sandwich segment

The concentration of diamonds around the outside is greater than in the inner section of the segment.

This has the following advantages:

- The full height of the diamond segment can be used
- Width remains more or less constant over the life of the segment (prevents blade sticking)
- Slightly concave form for better guidance and straighter cutting



Base Material	Type of Aggregate	DS-BE 5kW	DS-B-M 12-18kW	DS-B-H 19-35kW	Desired Performance
Reinforced concrete with soft aggregate and low abrasiveness	High amount of limestone	RC	CS-M	CS-H	Fast cutting
		BC	CM-M	CM-H	Normal speed with long life
				CH-H	Not recommended
Reinforced concrete with a high amount of quartz sand long life	High amount of quartz / granite	RC	CS-M	CS-H	Not recommended
		of quartz / BC	BC	CM-M	CM-H Normal speed with
				CH-H	Not recommended
Reinforced concrete with hard aggregate and high life abrasiveness	High amount of flint	RC	CS-M	CS-H	Not recommended
		BC	CM-M	CM-H	Normal speed with normal
				CH-H	Normal speed with long life
Brick work	High abrasive aggregate	MC			Fast cutting and long life
			CM-M	CM-H	Fast cutting
				CH-H	Fast cutting and long life

Technical Data

Saw Blade Type:	DS-BE	DS-B-M	DS-B-H
Optimised for Power:	5kW	12-18kW	19-35kW
Hilti Wall Saw:	TS-5E	TS-20 / TS-22	TS-30 / TS-32
Segment connection to Core:	Laser welded	Brazed	Brazed
Sandwich configuration:	Yes	Yes	Yes
Neutral Zone:	Yes	Yes	Yes
Precision tensioned (for smooth and accurate cutting performance):	Yes	Yes	Yes
Useable Segment Height	8mm	10mm (8mm for 1500 / 1600mm blades)	10mm (8mm for 1500 / 1600mm blades)

Special Dimensions, specifications and arbor bore holes available on demand.

DS-B-M (optimised for 12 -18 kW machines)**HI CS-M specification**

Diameter (mm)	Segment width (mm)	Segment height (mm)	Segment length (mm)	No. of segments	Ordering designation	Item no.
600	4.5	10	50	31	DS-B 600/HI CS-M	339880
700	4.5	10	50	37	DS-B 700/HI CS-M	339881
750	4.5	10	50	39	DS-B 750/HI CS-M	339882
800	4.5	10	50	42	DS-B 800/HI CS-M	339883
900	4.5	10	50	47	DS-B 900/HI CS-M	339884
1000	4.5	10	50	50	DS-B 1000/HI CS-M	339885
1200	4.5	8	50	58	DS-B 1200/HI CS-M	339886

**HI CM-M specification**

Diameter (mm)	Segment width (mm)	Segment height (mm)	Segment length (mm)	No. of segments	Ordering designation	Item no.
600	4.5	10	50	31	DS-B 600/HI CM-M	339815
700	4.5	10	50	37	DS-B 700/HI CM-M	339816
750	4.5	10	50	39	DS-B 750/HI CM-M	339817
800	4.5	10	50	42	DS-B 800/HI CM-M	339818
900	4.5	10	50	47	DS-B 900/HI CM-M	339819
1000	4.5	10	50	50	DS-B 1000/HI CM-M	339820
1200	4.5	8	50	58	DS-B 1200/HI CM-M	339821

**DS-B-H (optimised for 19 -35 kW machines)****HI CS-H specification**

Diameter (mm)	Segment width (mm)	Segment height (mm)	Segment length (mm)	No. of segments	Ordering designation	Item no.
600	4.5	10	50	31	DS-B 600/HI CS-H	339832
700	4.5	10	50	37	DS-B 700/HI CS-H	339833
750	4.5	10	50	39	DS-B 750/HI CS-H	339834
800	4.5	10	50	42	DS-B 800/HI CS-H	339835
900	4.5	10	50	47	DS-B 900/HI CS-H	339836
1000	4.5	10	50	50	DS-B 1000/HI CS-H	339837
1200	4.5	8	50	58	DS-B 1200/HI CS-H	339838
1500	4.5	8	50	72	DS-B 1500/HI CS-H	339830
1600	4.5	8	50	75	DS-B 1600/HI CS-H	339831

**HI CM-H specification**

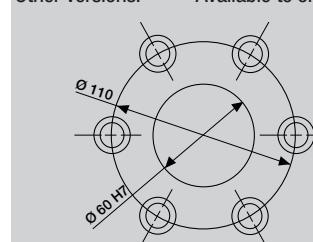
Diameter (mm)	Segment width (mm)	Segment height (mm)	Segment length (mm)	No. of segments	Ordering designation	Item no.
600	4.5	10	50	31	DS-B 600/HI CM-H	339822
700	4.5	10	50	37	DS-B 700/HI CM-H	339823
750	4.5	10	50	39	DS-B 750/HI CM-H	339824
800	4.5	10	50	42	DS-B 800/HI CM-H	339825
800	5	10	50	42	DS-B 800/5/HI CM-H	339826
900	4.5	10	50	47	DS-B 900/HI CM-H	339827
1000	4.5	10	50	50	DS-B 1000/HI CM-H	339828
1200	4.5	8	50	58	DS-B 1200/HI CM-H	339829

**HI CH-H specification**

Diameter (mm)	Segment width (mm)	Segment height (mm)	Segment length (mm)	No. of segments	Ordering designation	Item no.
600	4.5	10	50	31	DS-B 600/HI CH-H	374074
800	4.5	10	50	42	DS-B 800/HI CH-H	374075
900	4.5	10	50	47	DS-B 900/HI CH-H	374076
1000	4.5	10	50	50	DS-B 1000/HI CH-H	374077
1200	4.5	8	50	58	DS-B 1200/HI CH-H	374078

Mounting bore and drive screw spacing

Standard version: 6 countersunk holes for flush-cutting (suitable for use with the Hilti DS-FCA-110 flush-cutting flange and DS-FA30-110)
Other versions: Available to order



Hilti DS-WS 10 compact diamond wire saw Big prospects for small openings

Uses

- Small openings without overcutting at corners (e.g. ventilation / air-conditioning ducts).
- Sawing through columns and beams.
- Cutting or extending openings for doors and windows.
- Cutting openings where access is difficult or where noise must be kept to a minimum.

Materials

- Concrete, masonry



Technical data

Nominal power rating:	10 kW
Oil flow rate:	max. 50 l/min.*
Oil pressure:	max. 210 bar*
Recommended operating pressure:	80–120 bar*
Drive pulley diameter:	280 mm
Guide pulley diameter:	200 mm
Drive speed:	up to 1900 min. r.p.m.
Cutting speed:	up to 27 m/sec.
Diamond wire:	8–12 mm dia.
Wire storage capacity:	max. 7.3 m
Pneumatic advance:	max. 8 bar
Dimensions LxWxH:	692 x 536 x 1221 mm
Weight:	approx. 69 kg
Single module:	approx. 22 kg

* Specifications for other suitable power units: 14–32 kW.



DS-WS 10 compact wire saw basic set

Ordering designation	Package contents	Item no.
DS-WS 10 compact wire saw, complete	1	376766

Items supplied: Positioning template, base plate, guide rail with advance unit, drive unit, guide pulleys, guards, hoses, water nozzles, water valve, tool set, wrench, compressor with control panel.

Advantages

- Hilti's smallest and lightest wire saw.
- Quickly set up and made ready for use (no part heavier than 22 kg).
- Smooth, gentle pneumatic advance for optimum cutting performance, superior operating convenience and maximum safety.
- Low noise, high reliability and little maintenance required.
- Complete, coordinated range of accessories.



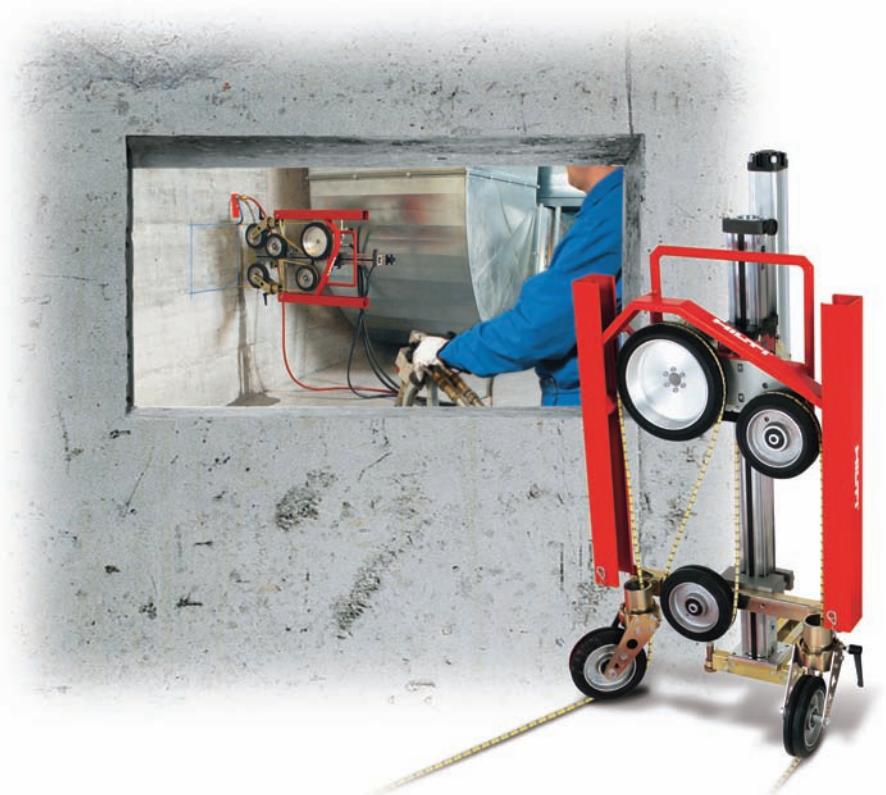
Wire saw system components

Ordering designation	Package contents	Item no.
DS-WS 10 wire storage unit	1	② 378336
DS-WS accessory set	1	③ 339300
DS-WS 10 positioning template	1	④ 378340
DS-WS 10 anchor base plate	1	⑤ 378339
DS-WS-SPP single pair pulley stand	1	⑥ 314372
DS-WSRW release pulley, complete	1	⑦ 315834
Compressor, 230 V	1	⑧ 339306

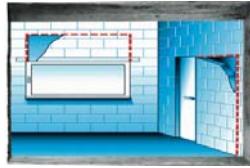


Wearing parts and accessories

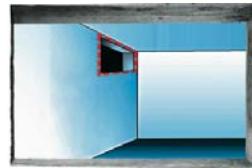
Ordering designation	Package contents	Item no.
Water nozzle, long	1	⑨ 339307
Water nozzle, flexible	1	⑩ 339379
DS-WSWD 280 drive pulley, 280 mm dia.	1	⑪ 339315
DS-WSW 200 guide pulley, 200 mm dia.	1	⑫ 314374
Steel wedge	1	⑬ 041910
DD-EP-S eccentric pin	1	232197
DD-CN-SML clamping nut	1	⑭ 251834
DD-CS M12S-SM clamping spindle	1	⑮ 251830
DD-CS M12L-SL clamping spindle	1	⑯ 251831
HKD-D M12x50 anchor	50	⑰ 252961
BB blow-out bulb	1	⑲ 059725
HSD-G M12 1/4" anchor setting tool	1	⑳ 243743



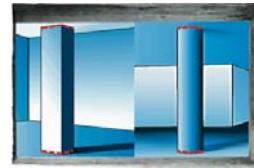
Cutting or extending openings for doors and windows in concrete



Cutting or extending openings for doors and windows in masonry



Small openings for air-conditioning ducts



Sawing through reinforced concrete columns

DS-WS15 diamond wire saw system

The new standard in wire saws

With the Hilti DS-WS15 electric diamond wire saw providing the ability to tackle an almost unlimited range of applications comfortably, conveniently and with maximum efficiency, your future in the technical demolition business takes on entirely new perspectives.

Super system

- Optimum system efficiency from two electric motors that permit smooth starting even in the most difficult situations
- High cutting performance ensures jobs of all sizes can be tackled efficiently
- Infinitely adjustable drive speed for optimum cutting progress
- Robust design with electrical overload protection and maintenance-free compressed air cylinder



Quick and quiet

- Automatically induced twist ensures even rate of wear and long diamond wire life
- Pneumatic control for smooth saw advance - easy on the wire and, once set, the Hilti DS-WS15 saws automatically
- Very simple, quickly-rigged wire storage system
- Saws through components with a thickness of 4 metres in one operation.
- The quickly adjustable, high-grade pivoting wire guide pulleys ensure extremely quiet, precise running.

Simple set-up

- Can be transported in a van and set up extremely quickly. Simply mount the pulley stands and rig the wire, connect the cable set between the drive unit and control unit and start sawing
- Easily understood by operators and safe
- Few accessory items, easy to clean
- Conforms to CE requirements, TÜV tested

Technical data for the Hilti DS-WS15 electric wire saw



DS-WS15 drive unit

Drive wheels	2 x 280 mm dia.
Nominal power	P1 = 2x7.5 kW continuous power rating (= 15 kW)
Wire speed	Infinitely adjustable, 0 – 27 m/s
Wire storage	Max. 9.2 m
Dimensions	1560x790x930 mm
Weight of drive unit	Approx. 266 kg
Protection class	IP 65 (protection against water jets)
Length of cable between system units	7 m
Electric motor cooling	Water cooling with at least 5 l/min. at max. 6 bar, nominal data guaranteed at 20°C water temperature

DS-WS15 control unit

Nominal voltage	400 V ~ 50/60Hz 3P+N+PE oder 3P+PE
Nominal current	25 amps
Fuse rating	32 amps
Min. fuse rating	16 amps
Ground fault interrupter at jobsite power supply	30 mA
Dimensions	520x590x1080 mm
Weight of control unit	Approx. 68 kg
Protection class	IP 44 (protection against splashing water)
Generator operation	Min. 40 kVA

DS-WS15 basic equipment

Ordering designation	Package cont. (pcs)	Item no.
DS-WS15 (400 V), complete	1	339305



Basic equipment set

Description	Package contents (pcs)	Ordering designation	No.	Item no.
Drive unit (400 V)	1	—	①	—
Control unit (400 V)	1	—	②	—
Compressor (230 V)	1	—	③	339306
Single-pair pulley assy.	2	DS-WS-SSP	④	314372
Accessory set	1	—	⑤	339300
Water supply, long	1	—	⑥	339307
Water supply, flexible	1	—	⑦	339379

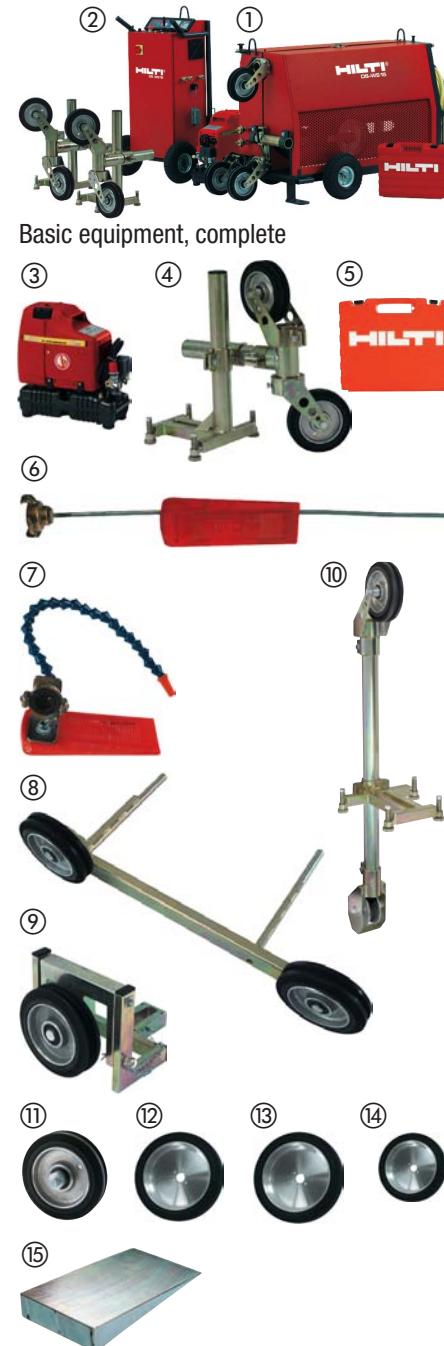
Accessory items

Description	Package contents (pcs)	Ordering designation	No.	Item no.
Single-pair pulley assy.	1	DS-WS-SSP	④	314372
Vertical sawing device	1	DS-WSVC	⑧	339312
Release pulley assy.	1	DS-WSRW	⑨	315834
Plunge pulley assy.*	1	DS-WSPW	⑩	315835

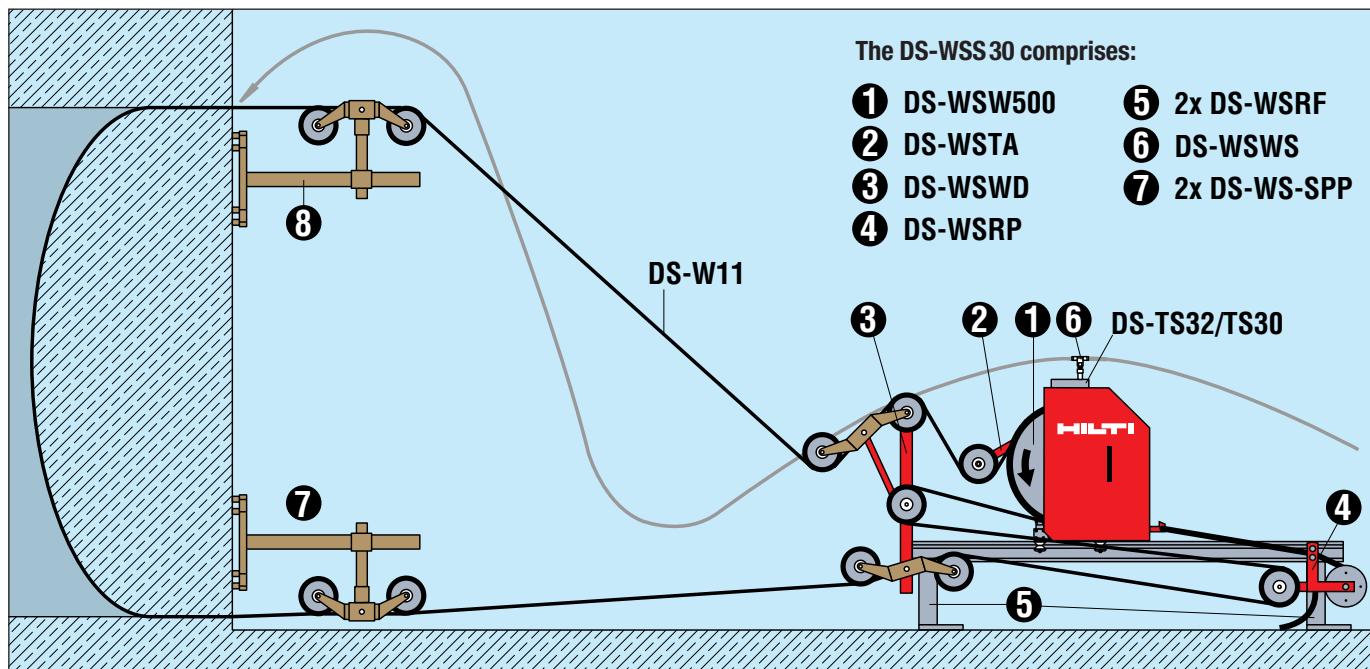
* Minimum of 2 required for plunge applications

Wearing parts

Description	Package contents (pcs)	Ordering designation	No.	Item no.
Guide pulley, 200 mm dia.	1	DS-WSW200	⑪	314374
Guide pulley, 140 mm dia.	1	DS-WSW140	—	340621
Drive wheel, 280 mm	1	DS-WSWD 280	⑫	339315
Storage pulley, 280 mm	1	DS-WSWS 280	⑬	339316
Storage pulley, 280 mm	1	DS-WSWS 200	⑭	340620
Steel wedge	1	—	⑮	41910
Water supply, long	1	—	⑥	339307
Water supply, flexible	1	—	⑦	339379



Hilti DS-WSS 30 diamond wire saw system: the modular system for professionals



The DS-WSS 30 comprises:

- | | |
|-------------|----------------|
| 1 DS-WSW500 | 5 2x DS-WSRF |
| 2 DS-WSTA | 6 DS-WSWS |
| 3 DS-WSWD | 7 2x DS-WS-SPP |
| 4 DS-WSRP | |

Uses

- Cutting large openings of all kinds in thick structural components
- Technical demolition, cutting away foundations, chimneys, supports, etc.
- Sawing heavily-reinforced concrete, thick masonry, etc.
- Underwater applications, low-noise sawing

Features

- Countless applications
- Quick, modular adaptation of the powerful Hilti D-LP 32 (LP 30) / DS-TS 32 (TS 30) wall saw
- The drive unit does not have to be aligned with the cutting line, i.e. it can be set up in the most convenient position.
- Very smooth and easy starting using the infinitely adjustable electric remote control unit
- Automatic sawing advance control, integrated wire store system

D-LP32 hydraulic unit



DS-TS32 saw head



**DS-WSS30
wire saw system**



Technical data

Rated power input at 63 A:	43 kW
Nominal power output:	32 kW
Nominal voltage:	400 V ~ 50 Hz 3 P+PE
Fuse rating, min.:	32 A
Fuse rating, max.:	63 A
Max. operating pressure:	210 bar
Oil flow rate:	30–100 l/min.
Weight:	approx. 210 kg
Digital electric remote control:	24 V

Technical data

Hilti motor:	54 ccm
Max. operating pressure:	200 bar
Max. oil flow rate:	100 l/min.
Blade dia. range, 1 st gear:	800–1600 mm
Max. cutting depth:	73 cm
Weight:	36 kg
Variable speed:	400–900 r.p.m.

Technical data

Drive wheel dia.:	500 mm
Guide pulley dia.:	200 mm
Speed:	approx. 800 r.p.m.
Cutting speed:	approx. 20 m/sec.
Wire store capacity:	8 m diamond wire
Diamond wire length:	10–30 m

Right of technical changes reserved

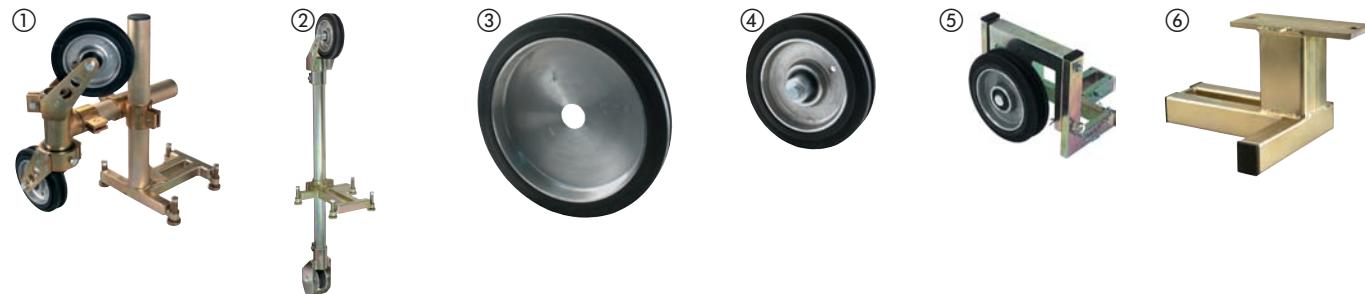
The new D-LP 32 / DS-TS 32 is compatible with the previous D-LP 30 / DS-TS 30.

DS-WSS 30 diamond wire saw system

The parts listed below form a modular extension and adaptation of the D-LP 30 (D-LP 20) / DS-TS 30 hydraulic wall saw system with a 2 m long D-R200L rail.

Basic equipment	Accessory	Comments / uses	Package contents	Ordering designation	Item no.
		Comprises items ① to ⑦	1	DS-WSS 30 wire saw system, complete	314371
●	Additional, as required		1	DS-WS-SPP single-pair pulley assy.	① 314372
●	Single wheel, replacement		1	DS-WSW 500 drive wheel	③ 314373
●	Single wheel, replacement		1	DS-WSW 200 guide pulley	④ 314374
●	Additional, as required		1	DS-WSRF rail support	⑥ 314738
●	As required *		1	DS-WSRW release pulley assy.	⑤ 315834
●	At least 2 required *		1	DS-WSPW plunge pulley assy.	② 315835
●	Single pulley, replacement		1	DS-WSW 140 plunge pulley assy.	④ 340621

* see operating instructions



Recommendations: Which wire specification for which material?

Material	Type of aggregates	Desired characteristics	BC	LC	M
Reinforced concrete with medium-hard or hard aggregates and low to medium abrasiveness	High quartz content High granite content	Universal use, fast cutting	■		
		Long life		■	
Masonry	Very abrasive aggregates	Fast cutting and long life			■

For concrete with a very high steel reinforcement content (up to 20%) we recommend use of our electroplated wires.

Technical data

	BC	LC	M
Hilti wire saw type	WSS 30, WS 15	WSS 30, WS 15	WSS 30, WS 15
Bead diameter	11 mm	11 mm	11 mm
Diamond matrix thickness	1.5 mm	1.5 mm	1.5 mm
No. of beads	40/m	40/m	40/m
Wire color	Yellow	Black	Violet
Long-life couplings	Fitted	Fitted	Fitted

BC Diamond Wires

For most current concrete – balanced cut



Order Description	Item Number	Sales Quantity
Diamond wire DS-W 10.5 BC	00376635	1
Diamond wire DS-W 10.5 BC/10M	00235835	1
Diamond wire DS-W 10.5 BC/100M	00370426	1
Diamond wire DS-W 10.5 BC/14M	00235836	1
Diamond wire DS-W 10.5 BC/150M	00376633	1
Diamond wire DS-W 10.5 BC/18M	00315019	1
Diamond wire DS-W 10.5 BC/22M	00315022	1
Diamond wire DS-W 10.5 BC/26M	00315025	1
Diamond wire DS-W 10.5 BC/30M	00315028	1
Diamond wire DS-W 10.5 BC/4,6M	00376816	1
Diamond wire DS-W 10.5 BC/50M	00370500	1
Diamond wire DS-W 10.5 BC/7,8M	00376817	1

LC Diamond Wires

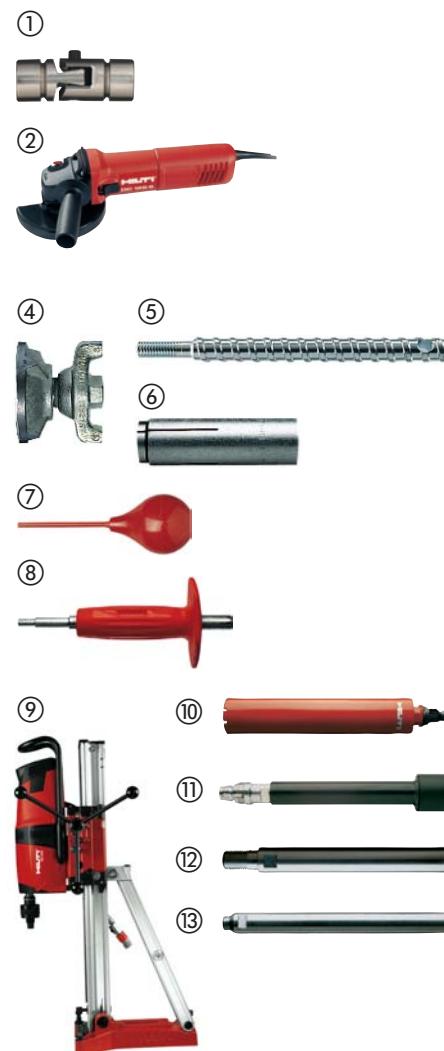
For hard concrete – long cut



Order Description	Item Number	Sales Quantity
Diamond wire DS-W 10.5 LC	00376634	1
Diamond wire DS-W 10.5 LC/10M	00235834	1
Diamond wire DS-W 10.5 LC/100M	00376631	1
Diamond wire DS-W 10.5 LC/14M	00235838	1
Diamond wire DS-W 10.5 LC/150M	00376632	1
Diamond wire DS-W 10.5 LC/18M	00315020	1
Diamond wire DS-W 10.5 LC/22M	00315023	1
Diamond wire DS-W 10.5 LC/26M	00315026	1
Diamond wire DS-W 10.5 LC/30M	00315029	1
Diamond wire DS-W 10.5 LC/4,6M	00376818	1
Diamond wire DS-W 10.5 LC/50M	00376630	1
Diamond wire DS-W 10.5 LC/7,8M	00376819	1

Accessories for Hilti diamond wires

Description	Comments / uses	Package contents	Ordering designation	Item no.
Crimping pliers	for crimping couplings / sleeves	1	DS-WSTHY	235845
Coupling	set, quick-release type	5	DS-WCMV Set	① 371383
Coupling	quick-release type	1	DS-WC MV	① 340427
Pin	replacement pin for couplings	10	DS-WP	235842
Sleeve	repair sleeve	5	DS-WS	235841
O-ring	fitted between coupling / bead	10	O-Ring 10/4,7×2,5	235844
Crimping jaws	replacement jaws for crimping pliers	2	DS-WJ	340426

**Fastening set for wire sawing**

Clamping nut	fastening pulley stand	1	DD-CN-SML	④ 251834
Clamping spindle	fastening pulley stand, short	1	DD-CS M12S-SM	⑤ 251830
Clamping spindle	fastening pulley stand, long	1	DD-CS M12L-SM	251831
Flush anchor	fastening pulley stand	50	HKD-D M12×50	⑥ 252961
Blow-out bulb	blowing out anchor holes	1	BB	⑦ 59725
Manual setting tool	fastening pulley stand	1	HSD-G M12 1/2	⑧ 243743

Diamond coring machine with core bits

Diamond core bit	through holes up to approx 70 cm	1	DD-BR 37	
Diamond core bit	through holes above 70 cm	1	DD-BU 67	⑩
Diamond core bit	through holes at great depth	1	DD-BU 102	
Extension	300 mm, 60 mm dia. (67 mm hole dia.)	1	BU	⑪ 00074
Extension	300 mm, 40 mm dia. (47 mm hole dia.)	1	BS 1 1/2"	⑫ 09850
Extension	600 mm, 40 mm dia. (47 mm hole dia.)	1	BS 1 1/2"-600	⑬ 77639
Extension	300 mm, 30 mm dia. (37 mm hole dia.)	1	R 1 1/2"	⑭ 09847

DG 150 Diamond Grinding System

Revolutionary dry diamond grinding system for exceptionally high material removal performance and long life expectancy

Applications:

For surface grinding of
 ▪ Concrete
 ▪ Screed
 ▪ Tile adhesives
 ▪ Natural stone
 ▪ as well as removing thin coatings (paint, adhesive remains etc.) on concrete

Technical Data:

Input power:	2100 W
Output power:	1500 W
Nominal current:	9.2 A
Nominal voltage:	230 V
Mains frequency:	50/60 Hz
Speed 1 no load:	4700 rpm
Speed 2 no load:	6600 rpm
Weight (without DPC 20):	4.1 kg
Disc diameter:	150 mm
Electrical protection:	Protection class II
Quick stop in two seconds or less after switching off, restart interlock, adjustable grip, dust hood with opening section and adjustable in height	



Features and Benefits

- New SR motor technology with life expectancy at least ten times (!) that of conventional, universal motors
- No more changing carbon brushes
- Quick stop systems
- Two speed settings
- New dust removal system and VCD 50 dry vacuum cleaner
- For professional grinding without causing dust
- easy access to wall edges and tight corners
- New dry diamond cup wheels DG-CW 150/6"
- For incredibly quick grinding of concrete or coatings on concrete

Order Description	Item Number	Sales Quantity
Diamond grinder DG 150 230V EU	00369391	1

DG 150 with DPC 20 in Hilti toolbox, with 1 pair of goggles, 1 wrench, 1 clamping flange, 1 clamping screw (M13), 1 operating instructions



HILTI	6 Months
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURERS WARRANTY

Hilti DG-CW diamond cup wheels

Advantages

- Material removal performance and life expectancy up to twice that of conventional diamond cup wheels
- New, self-sharpening B1 cup wheels for perfect removal of thin coatings and paint from concrete or cement rendering
- Special design for perfect dust removal, optimum cooling of segments and maximum working comfort
- Laser-welded segments for greatest safety

Top grinding performance

Special cup wheels with innovative "boomerang" segment configuration achieve a rate of material removal previously considered impossible, particularly on mineral materials such as concrete.



Diamond cup wheels for the Hilti DG150 (dry grinding applications)

Cup wheel: 150 mm dia., mounting hole: 19 mm dia.

Colour code	No. of segments	Package contents	Ordering designation	Item no.
C1	7	1	DG-CW 150/6" C1	369414
			For concrete	
D1	7	1	DG-CW 150/6" D1	369417
			For fine finishing on concrete, rounding edges	
C2	7	1	DG-CW 150/6" C2	369415
			For flint concrete, hard rock	
A1	7	1	DG-CW 150/6" A1	369413
			For screed, tile adhesive	
B1	16	1	DG-CW 150/6" B1	369418
			For removing coatings on concrete, rendering and screed	

No clogging

Type B1 cup wheels, featuring specially-shaped segments and a new self-sharpening principle, remove thin coatings perfectly without clogging or smearing – the ideal solution for refurbishment and repair work on balconies, walls and floors etc.



The right cup wheel for each material

Concrete

- Medium-hard concrete, medium abrasiveness
- Soft concrete, low abrasiveness
- Hard concrete, low abrasiveness
- Soft concrete, high abrasiveness
- Hard concrete, high abrasiveness

Pre-cast cement

- Cement blocks and slabs
- Composite blocks
- Cement pipes
- Tile adhesive, filler
- Screed, cement rendering

Natural stone

- Synthetic stone slabs
- Marble
- Slate
- Granite

Pantiles, tiles, slabs

- Sand-lime block, hard
- Sand-lime block, soft
- Concrete roof tiles
- Clay roof tiles

Coatings (less than 3 mm thick)

- Protective coatings on concrete
- Remains of coatings on concrete and screed
- Coatings on hard cement rendering

C1	D1	C2	A1	B1
■	■	□	--	--
■	■	□	--	--
□	□	■	--	--
■	■	□	--	--
□	□	■	--	--
■	--	□	■	--
■	--	□	□	--
□	--	□	■	--
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■	--	--	■	--
□	--	■	--	--
--	--	■	--	--
■	--	--	□	--
--	--	--	□	--

■ very suitable, □ suitable, -- unsuitable

DC-SE 20 Slitting Tool

2000 W, 5.6 kg, max. cutting depth 40 mm

Applications:

- Equipped with Ø 125 mm discs, the tool can be used to slit up to 40 mm depths and 46 mm widths all widely used materials, such as concrete, flint, hard stone, etc.

Technical Data:

Current limitation with overloading:	Yes
Disc diameter:	125 mm
Input power:	1950 W
Max. blade diameter:	125 mm
Max. cutting depth:	40 mm
Max. cutting width:	45 mm
No load speed:	7500 rpm
Power range:	1700 / 1950 W
Rated current:	9.2 A
Rated voltage:	230 V
Supply cord length:	5 m
Weight:	5.6 kg

**Features and Benefits**

- Economical
- Very high slitting performance
- Robust and long lasting
- Virtually maintenance free
- Comfortable
- Ergonomic design to reduce tiring
- Low vibration
- Safe
- Discs covered on all sides
- Carriage guidance, even during first plunge cut

Order Description	Item Number	Sales Quantity
Slitting machine DC SE20 230V	00312267	1
Order Description	Item Number	Sales Quantity
Slitting machine DC SE20 110V GB	00312265	1

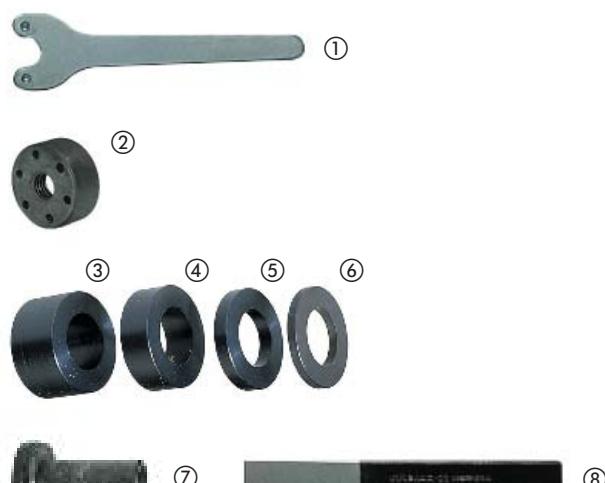
Packed in a professional plastic toolbox, complete with clamping flange, clamping nut, clamping wrench, distance rings (3,6,13,21 mm), break-out tool, protective glasses, operatig instructions and safety precautions



HILTI	1 Year
LIFETIME SERVICE	NO COSTS
Lifetime REPAIR COST LIMIT	Lifetime MANUFACTURERS WARRANTY

Accessories for DC-SE 20 Slitting Tool

Order Description	Item Number	Sales Quantity
Pin type face wrench A30	00237744	① 1
Nut	00237712	② 1
Washer 3MM	00237739	③ 1
Washer 6MM	00237740	④ 1
Washer 13MM	00237741	⑤ 1
Washer 21MM	00237742	⑥ 1
Sleeve	00237711	⑦ 1
Slit breaker DC-ST-E	00251532	⑧ 1
Case DC SE20	00312279	⑨ 1
Sharpening plate DC-SE SP2	00314303	1



DC-D diamond cutting discs for the DC-SE20 slitting machine

Advantages

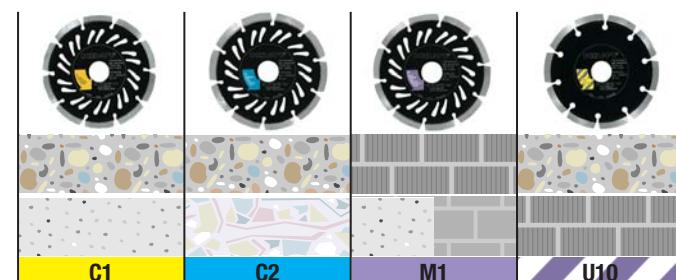
C1 / C2 / M1 specifications

- **Good cooling:** Perforated steel disc for better heat dissipation and removal of dust and fragments.
- **Long life:** New self-sharpening diamond segments with a height of 7 mm. Optimized segment specifications for various materials.
- **High slitting performance:** Segments alternately offset for outstanding cutting performance.
- **Maximum safety:** Segments laser welded to the hardened steel disc for optimum bond strength and thus maximum safety and long life.

U10 specification

- For universal use: Suitable for a wide range of materials, good performance, good value.

The right disc for each material DC-D 125 SE Power Line diamond cutting discs



Pre-cast cement

Screed	■	□	□	□
Concrete	■	□	□	□
Hard concrete	--	■	--	--

Masonry

Hard sand-lime block	■	□	■	□
Clinker	--	--	■	□
Double-fired clay brick	--	--	■	□
Single-fired clay brick	--	--	■	□

■ Very suitable, □ Suitable, -- Not suitable

DC-D diamond cutting discs

Color code	Material	Disc dia. (mm)	Package contents	Ordering designation	Item no.
C1	Concrete / pre-cast cement	125	1	DC-D 125 SE/C1×1	285121
C1	Concrete / pre-cast cement	125	2	DC-D 125 SE/C1×2	285122
C2	Hard concrete / flint	125	1	DC-D 125 SE/C2×1	285123
C2	Hard concrete / flint	125	2	DC-D 125 SE/C2×2	285124
M1	Masonry / sand-lime block	125	1	DC-D 125 SE/M1×1	285125
M1	Masonry / sand-lime block	125	2	DC-D 125 SE/M1×2	285126
U10	Universal	125	2	DC-D 125 SE/U10×2	285127

VCD 50 Dry Vacuum Cleaner

The Hilti VCD 50 dry industrial vacuum cleaner virtually eliminates dust when dry grinding, coring, drilling and cutting with many electric tools, such as the Hilti DG 150, DC 230-EX and DC-SE 20 as well as Hilti DD-BI PCM core bits.

Technical Data:

Container capacity:	50 l
Dust capacity:	20 l
Filter size:	0.7 m ²
Hose diameter:	36 mm
Hose length:	5 m
Input power:	1200 W
Max. vacuum pressure:	23000 Pa
Protection class:	IPx4 (spray water protected)
Rated voltage:	230 V
Suction capacity:	50 l/s
Weight:	22 kg



Features and Benefits

- 1200 W powerful motor
- Provides strong suction
- Large overall filter surface
- For very dusty applications e.g. surface grinding
- Automatic filter cleaning by air blows
- Maintain high suction performance till dust bag is full
- Automatic on/off
- Improves working comfort

Order Description	Item Number	Sales Quantity
Dry vacuum cleaner VCD 50 230V EU	00369408	1
Dry vacuum cleaner VCD 50 230V GB	00369448	1



VCU 40 Universal Dry/Wet Vacuum Cleaner

The Hilti VCU 40 dry/wet vacuum cleaner is ideal for dry as well as wet applications, such as when using the Hilti DC 125-EX diamond cutter or Hilti coring machines.

Technical Data:

Container capacity:	40 l
Dust capacity:	15 l
Filter size:	0.6 m ²
For use with:	Dry and wet
Hose diameter:	36 mm
Input power:	1200 W
Item number:	-
Max. vacuum pressure:	230 mbar
Oil flow rate:	3600 l/min
Protection class:	IPx4 (spray water protected)
Suction capacity:	60 l/s
Supply cord length:	7.5 m
Water capacity:	20 l
Weight (g):	15 kg

Features and Benefits

- 1200 W powerful motor
- Provides strong suction
- Washable filter
- Universal use for dry and wet applications
- Automatic filter cleaning by air blows
- Maintain high suction performance
- Automatic on/off
- Improves working comfort

Order Description	Item Number	Sales Quantity
Universal vacuum cleaner VCU 40 230V	00304366	1
Universal vacuum cleaner VCU 40 110V 16A	00304362	1



Hilti vacuum cleaners: The right model for every job.

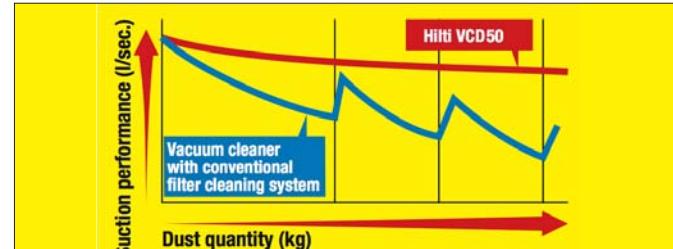
Dry dust removal (dust from concrete and mineral materials)		Wet applications
Volume of dust		VCU 40
Diamond grinding (DG 150), Diamond cutting (DC 230-EX, DC-SE 20), dry coring with DD-BI PCM core bits		Diamond grinding Diamond cutting (DC 125-EX), Dry coring with vacuum dust removal
Dry applications with medium to large amounts of dust		Dry applications with small to medium amounts of dust
Dry applications with small to medium amounts of dust		Wet applications with small volume of liquids

New automatic filter cleaning (VCD 50, VCU 40)

Several benefits come from the automatic air cleaning of the Hilti VCU 40 and VCD 50 filters at set intervals:

Annoying work breaks for cleaning are completely unnecessary and suction remains constantly high until the dust container is full.

You save time, and work more efficiently and economically.



VCD 50 vacuum cleaner accessories

Order Description	Item Number	Sales Quantity
Accessory set	00370636	1
Accessory set small	00376699	1
Dust bag	00370635	5
Tool box VCD 50 UBO	00370638	1
Floor nozzle	00281892	1



VCD 40 vacuum cleaner accessories

Order Description	Item Number	Sales Quantity
Accessory set	00370636	1
Dust bag	00287443	5
Push bar	00287440	1



Spare parts for the VCD 50/VCU 40

Order Description	Item Number	Sales Quantity
Suction hose VCD 50 H5	00370637	1
Suction hose 5m assy	00287441	1
Adapter KONUS	00281893	1
Filter cartridge VCD 50	00371145	1
Filter cartridge	00287442	1



The new Topcut Line Advantages all round

Hilti's new diamond saw blades in the Topcut Line for gasoline-powered cutters, floor saws and bench saws share features and properties that make them fast cutting, long lasting and easy to handle.

Superior cutting performance



As a result of clearly higher cutting performance, the blades in Hilti's Topcut Line offer much better value for money than conventional saw blades.



Pointing the way



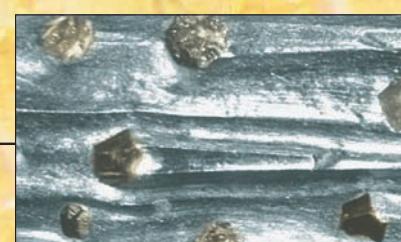
A permanently visible, laser-engraved arrow indicates the direction of rotation, making it easy to ensure that blades are fitted the right way round. Benefits are fast starting of cuts and optimized diamond efficiency.



Brilliant quality



The synthetic diamonds are of top and uniform quality. This ensures constant cutting performance.



A strong bond



Thanks to high-grade laser welding (welded joints according to EN 13236), there is virtually no loss of segments. These blades are suitable for wet and dry cutting.



Steel discs optimized for specific applications

Application	Steel disc version	Blade features
	2.5 mm thick (C1, M1)	<ul style="list-style-type: none"> • Extreme stiffness • Straight cut
	With hardmetal inserts for asphalt and green concrete	<ul style="list-style-type: none"> • Avoidance of premature steel disc wear
	Sandwich (Silent)	<ul style="list-style-type: none"> • Half the noise level of standard versions



DS-BH saw blades for gasoline-powered cutters

	Reinforced concrete	Concrete, universal roof tiles, tiles	Asphalt, abrasive material	Steel profiles ductile material
Specification	C1	U10	M1	Fe1
Blade diameter (mm)	300-400	300-350	300-350	300-350
Arbor size (mm)	20, 22.2, 25.4	20, 22.2, 25.4	20, 22.2, 25.4	20, 22.2, 25.4

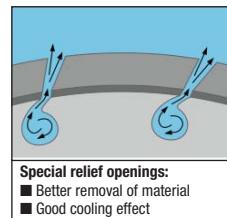
Specification C1 and U10

Dia. Segment Arbor size Ordering designation
(mm) width (mm) (mm)

Item no.

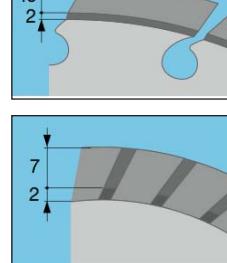
Specification C1

300	3.2	20	DS-BH 300/3.2/20 C1	303647
300	3.2	22.2	DS-BH 300/3.2/22.2 C1	303650
300	3.2	25.4	DS-BH 300/3.2/25.4 C1	305791
350	3.2	20	DS-BH 350/3.2/20 C1	303648
350	3.2	22.2	DS-BH 350/3.2/22.2 C1	303651
350	3.2	25.4	DS-BH 350/3.2/25.4 C1	305792
400	3.2	20	DS-BH 400/3.2/20 C1	303649
400	3.2	22.2	DS-BH 400/3.2/22.2 C1	303652
400	3.2	25.4	DS-BH 400/3.2/25.4 C1	305793



Specification U10

300	3.2	20	DS-BH 300/3.2/20 U10	303653
300	3.2	22.2	DS-BH 300/3.2/22.2 U10	303655
300	3.2	25.4	DS-BH 300/3.2/25.4 U10	305794
350	3.2	20	DS-BH 350/3.2/20 U10	303654
350	3.2	22.2	DS-BH 350/3.2/22.2 U10	303656
350	3.2	25.4	DS-BH 350/3.2/25.4 U10	305795



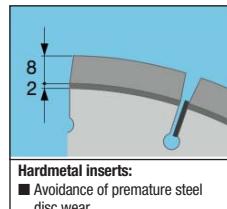
Asphalt and abrasive material: Specification M1

Dia. Segment Arbor size Ordering designation
(mm) width (mm) (mm)

Item no.

Specification M1

300	3.2	20	DS-BH 300/3.2/20 M1	303657
300	3.2	22.2	DS-BH 300/3.2/22.2 M1	303659
300	3.2	25.4	DS-BH 300/3.2/25.4 M1	305796
350	3.2	20	DS-BH 350/3.2/20 M1	303658
350	3.2	22.2	DS-BH 350/3.2/22.2 M1	303660
350	3.2	25.4	DS-BH 350/3.2/25.4 M1	305797



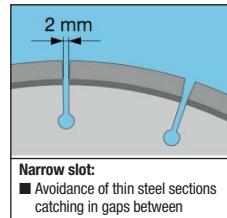
Steel profiles and ductile material: Specification Fe1

Dia. Segment Arbor size Ordering designation
(mm) width (mm) (mm)

Item no.

Specification Fe1

300	2.8	20	DS-BH 300/2.8/20 Fe1	303661
300	2.8	22.2	DS-BH 300/2.8/22.2 Fe1	303663
300	2.8	25.4	DS-BH 300/2.8/25.4 Fe1	305798
350	2.8	20	DS-BH 350/2.8/20 Fe1	303662
350	2.8	22.2	DS-BH 350/2.8/22.2 Fe1	303664
350	2.8	25.4	DS-BH 350/2.8/25.4 Fe1	305799



Note:

Occasionally, the saw blade must be sharpened between cuts in steel, e.g. by cutting abrasive concrete or the Hilti sharpening plate (item no. 51343/2).



DS-BW saw blades for floor saws

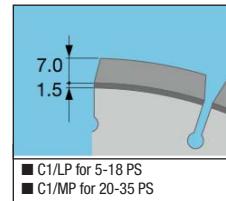
Specification	Concrete		Asphalt		Green concrete	
	C1/LP	C1/MP	A1/LP	A1/MP	GC1/LP	GC1/MP
Power range	5-18 HP	20-35 HP	5-18 HP	20-35 HP	5-18 HP	20-35 HP
Blade diameter (mm)	300-600	300-600	300-600	300-600	300-400	300-400
Arbor size (mm)	25.4	25.4	25.4	25.4	25.4	25.4

Concrete: Specifications C1/LP and C1/MP

Dia. Segment Arbor size Ordering designation Item no.
(mm) width (mm) (mm)

Specification C1/LP

300	2.8	25.4	DS-BW 300/2.8/25.4 C1/LP	303699
350	2.8	25.4	DS-BW 350/2.8/25.4 C1/LP	303700
400	3.2	25.4	DS-BW 400/3.2/25.4 C1/LP	303701
450	3.2	25.4	DS-BW 450/3.2/25.4 C1/LP	303702
500	3.6	25.4	DS-BW 500/3.6/25.4 C1/LP	303703
600	3.6	25.4	DS-BW 600/3.6/25.4 C1/LP	303704



Specification C1/MP

300	3.2	25.4	DS-BW 300/3.2/25.4 C1/MP	303705
350	3.2	25.4	DS-BW 350/3.2/25.4 C1/MP	303706
400	3.2	25.4	DS-BW 400/3.2/25.4 C1/MP	303707
450	3.6	25.4	DS-BW 450/3.6/25.4 C1/MP	303708
500	4.2	25.4	DS-BW 500/4.2/25.4 C1/MP	303709
600	4.2	25.4	DS-BW 600/4.2/25.4 C1/MP	303710

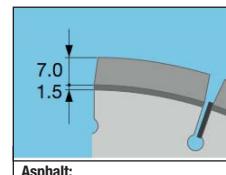


Asphalt and green concrete: Specifications A1/LP, A1/MP, GC1/LP and GC1/MP

Dia. Segment Arbor size Ordering designation Item no.
(mm) width (mm) (mm)

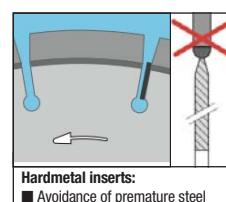
Specification A1/LP

300	2.8	25.4	DS-BW 300/2.8/25.4 A1/LP	303687
350	2.8	25.4	DS-BW 350/2.8/25.4 A1/LP	303688
400	3.2	25.4	DS-BW 400/3.2/25.4 A1/LP	303689
450	3.2	25.4	DS-BW 450/3.2/25.4 A1/LP	303690
500	3.6	25.4	DS-BW 500/3.6/25.4 A1/LP	303691
600	3.6	25.4	DS-BW 600/3.6/25.4 A1/LP	303692



Specification A1/MP

300	3.2	25.4	DS-BW 300/3.2/25.4 A1/MP	303693
350	3.2	25.4	DS-BW 350/3.2/25.4 A1/MP	303694
400	3.2	25.4	DS-BW 400/3.2/25.4 A1/MP	303695
450	3.6	25.4	DS-BW 450/3.6/25.4 A1/MP	303696
500	4.2	25.4	DS-BW 500/4.2/25.4 A1/MP	303697
600	4.2	25.4	DS-BW 600/4.2/25.4 A1/MP	303698



A1/LP GC1/LP

Specification GC1/LP

300	2.8	25.4	DS-BW 300/2.8/25.4 GC1/LP	303683
350	2.8	25.4	DS-BW 350/2.8/25.4 GC1/LP	303684
400	3.2	25.4	DS-BW 400/3.2/25.4 GC1/LP	303952

Specification GC1/MP

300	2.8	25.4	DS-BW 300/2.8/25.4 GC1/MP	303685
350	2.8	25.4	DS-BW 350/2.8/25.4 GC1/MP	303686
400	3.2	25.4	DS-BW 400/3.2/25.4 GC1/MP	303953

DS-BT saw blades for bench saws

Specification	Concrete	Abrasive material	Granite and clinker
Blade diameter (mm)	U1	M1	M2
Arbor size (mm)	300-500	300-400	300-400
	25.4/30	25.4/30	25.4/30

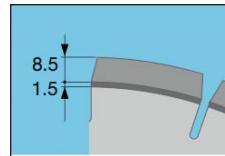
Concrete, abrasive material and granite/ clinker: Specifications U1, M1 and M2

Dia. Segment Arbor size Ordering designation Item no.

(mm) width (mm) (mm)

Specification U1 Silent

300	2.8	25.4/30	DS-BT 300/2.8/25.4/30 U1 Silent	303665
350	2.8	25.4/30	DS-BT 350/2.8/25.4/30 U1 Silent	303666
400	3.2	25.4/30	DS-BT 400/3.2/25.4/30 U1 Silent	303667
450	3.4	25.4/30	DS-BT 450/3.4/25.4/30 U1 Silent	303668
500	3.6	25.4/30	DS-BT 500/3.6/25.4/30 U1 Silent	303669

**Specification M1 Silent**

300	2.8	25.4/30	DS-BT 300/2.8/25.4/30 M1 Silent	303670
350	2.8	25.4/30	DS-BT 350/2.8/25.4/30 M1 Silent	303671
400	3.2	25.4/30	DS-BT 400/3.2/25.4/30 M1 Silent	303950

**Specification M2 Silent**

300	2.8	25.4/30	DS-BT 300/2.8/25.4/30 M2 Silent	303672
350	2.8	25.4/30	DS-BT 350/2.8/25.4/30 M2 Silent	303673
400	3.2	25.4/30	DS-BT 400/3.2/25.4/30 M2 Silent	303951

With pressed-in reduction ring 25.4/30 mm



U1



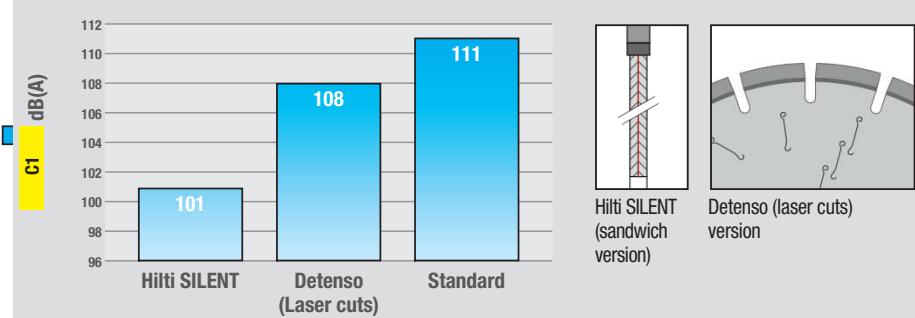
M1



M2

Noticeably quieter: Hilti SILENT saw blades

Noise measurement: Bench saw, 350 mm dia., cutting concrete



An increase or decrease of 10 dB(A) is perceived subjectively as twice as loud or, respectively, half as loud.

DEG 125-D Angle Grinder

Applications:

- Cutting, grinding/brushing metallic base materials
- Creating cable channels in concrete and tile
- Removing paint
- Cleaning joints

Technical Data:

Constant-on switch:	Yes
Input power:	1400 W
Max. blade diameter:	125 mm
Max. cutting depth:	35 mm
Max. power:	1400 W
Min. fuse rating:	6,7 A
No load speed:	11000 rpm
Spindle thread:	M14
Supply cord length:	4 m
Weight :	1.9 kg



Features and Benefits

- Strong digital electronics with 1400 watts of power
- Hilti Smart Power technology for a constant cutting performance
- Non-slip side and main grips for particularly safe operation
- Soft grip for low vibration and ease of operation
- Ergonomic, unique Hilti tool design that weights less
- Better access to edges and corners
- Hilti Active Torque Control (ATC) minimizes unwanted recoil
- Suitable dust removal system for mineral base materials

Order Description	Item Number	Sales Quantity
Angle grinder DEG 125-D 230V KL box EU	00285934	1
Angle grinder DEG 125-D 230V KL box CH	00285935	1
Angle grinder DEG 125-D 230V KL box EU	00285933	1
Angle grinder DEG 125-D 230V KL box GB	00285932	1



Packed in a box with safety glasses, quick-clamping nut, flange, clamping wrench, clamping nut, vibration-reducing side handle, operating and safety instructions

DEG 150-D/P Angle Grinder

Applications:

- Cutting, grinding/brushing metallic base materials
- Cutting mineral base material

Technical Data:

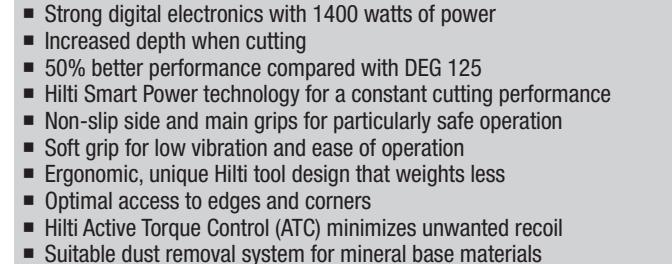
Input power:	1400 W
Max. blade diameter:	150 mm
Max. cutting depth:	47 mm
Min. fuse rating:	6,7 A
No load speed:	9300 rpm
Spindle thread:	M14
Supply cord length:	4 m
Weight:	1.9 kg



Features and Benefits

- Strong digital electronics with 1400 watts of power
- Increased depth when cutting
- 50% better performance compared with DEG 125
- Hilti Smart Power technology for a constant cutting performance
- Non-slip side and main grips for particularly safe operation
- Soft grip for low vibration and ease of operation
- Ergonomic, unique Hilti tool design that weights less
- Optimal access to edges and corners
- Hilti Active Torque Control (ATC) minimizes unwanted recoil
- Suitable dust removal system for mineral base materials

Order Description	Item Number	Sales Quantity
Angle grinder DEG 150-D 230V KL box EU	00285940	1
Angle grinder DEG 150-D 230V KL box CH	00285942	1
Angle grinder DEG 150-D 110V KL box GB	00285939	1
Angle grinder DEG 150-D 230V KL box EU	00285941	1



Packed in a box with safety glasses, quick-clamping nut, flange, clamping wrench, clamping nut, vibration-reducing side handle, operating and safety instructions

Order Description	Item Number	Sales Quantity
Angle grinder DEG 150-P 230V KL box EU	00285944	1
Angle grinder DEG 150-P 230V KL box EU	00285945	1
Angle grinder DEG 150-P 230V KL box CH	00285946	1



Packed in a box with safety glasses, quick-clamping nut, flange, clamping wrench, clamping nut, vibration-reducing side handle, operating and safety instructions

DC 125-S Angle Grinder

Dia. 125 mm, 1400 W, 1.8 kg, max. cutting depth 35 mm

Applications:

For cutting (up to 35 mm) and grinding

- Concrete slabs
- Masonry
- Brick
- Natural stone
- Metal surfaces and
- Joint repair work

Technical Data:

Blade speed with maximum blade diameter:	80 m/s
Constant-on switch:	Yes
Input power:	1400 W
Max. blade diameter:	125 mm
Max. cutting depth:	35 mm
No load speed:	11000 rpm
Output power:	820 W
Rated voltage:	110 V
Spindle thread:	M14
Weight:	1.9 kg



Features and Benefits

- Long-lasting: Thanks to a new type of dust protection, the carbon brushes last up to three times longer
- Optimum ergonomics: A slimmer design that lies well in the hand
- Simply convenient: With the Kwik-lock clamping nut, changing discs is quick and easy - no tools required!
- Side handle can be mounted on the left or right
- Comfortable sustained operation
- Permanent on / off switch

Order Description	Item Number	Sales Quantity
Diamond cutter DC 125-S 110V KL box GB	00333851	1
Diamond cutter DC 125-S 230V KL box CH	00333855	1
Diamond cutter DC 125-S 230V box CH	00333856	1
Diamond cutter DC 125-S 240V box GB	00333858	1

Packed in a cardboard box with protective goggles, clamping flange, wrench, clamping nut or Kwik-Lock nut and side handle



DC 180-S Angle Grinder

For tough jobs like cutting (up to 40 mm depth) and grinding mineral materials, such as concrete slabs, natural stone, etc.

Applications:

- General construction/ civil engineering
- Landscape gardening
- Electrical installation
- plumbing, heating, air conditioning
- Roofing
- Chimney construction
- Repair and renovation
- Tiling

Technical Data:

Blade speed with maximum blade diameter:	80 m/s
Input power:	2000 W
Max. blade diameter:	180 mm
Max. cutting depth:	40 mm
No load speed:	8500 rpm
Output power:	1250 W
Starting current limitation:	16 A
Rated voltage:	230 V
Spindle thread:	M14
Weight:	4.2 kg

Order Description	Item Number	Sales Quantity
Diamond cutter DC 180-S 230V EUR	00337033	1
Diamond cutter DC 180-S 230V CH	00337035	1
Diamond cutter DC 180-S 240V GB	00337037	1

Supplied with: 4-metre supply cord, disc guard, side handle, clamping flange, M 14 clamping nut, Kwik-Lock nut, B35 wrench, protective goggles, operating instructions with safety precautions.



Features and Benefits

- At a flick of the wrist
- Keyless Kwick-lock system for changing discs in seconds
- Cool power
- Powerful 2000 W motor with large cooling fan



HILTI	6 Months
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURERS WARRANTY



DC 230-S Angle Grinder

Dia. 230 mm, 2500 W, 7 kg (incl. dust removal hood),
max. cutting depth 60 mm

Applications:

Dustless working for indoor applications

Technical Data:

Blade speed with maximum blade diameter:	80 m/s
Disc diameter:	230 mm
Input power:	2500 W
Max. blade diameter:	230 mm
Max. cutting depth:	
DC 230-S	65 mm
DC 230-S/EX	60mm
No load speed:	6500 rpm
Power range:	2500 W
Starting current limitation:	16 A
Spindle thread:	M14
Weight:	
DC 230-S	5.1 kg
DC 230-S/EX	7 kg



Features and Benefits

- Generously sized grip
- Keyless Kwick-lock system for changing discs in seconds
- Low-profile gearing section for good access
- Padded side handle, can be fitted on either side or centrally
- Powerful 2500 W motor with efficient cooling system
- On/Off switch with large gripping area, designed to prevent entry of dust

Order Description	Item Number	Sales Quantity
Diamond cutter DC 230-S 240V box GB	00337049	1
Diamond cutter DC 230-S 110V box GB	00337043	1
Diamond cutter DC 230-S 230V box CH	00337046	1

Supplied with: 4-metre supply cord, disc guard, side handle, clamping flange, M 14 clamping nut, Kwik-Lock nut, B35 wrench, protective goggles, operating instructions with safety precautions.



DC 230-S/EX Angle Grinder

Order Description	Item Number	Sales Quantity
Diamond cutter DC 230-S EX 230V cas EU	00337038	1

Supplied with: 4-metre supply cord, dust extraction hood, hoop handle, clamping flange, M 14 clamping nut, Kwik-Lock nut, 6mm hex. socket wrench, B35 wrench, protective goggles, operating instructions with safety precautions. Packed in a Hilti toolbox

Features and Benefits

- High level of convenience and working comfort: working without dust, all parts adjustable without the use of tools, low weight for a tool of this power output
- Versatile hoop handle for the optimum working position



AG 125-S Angle Grinder

Dia. 125 mm, 1020 W, 1.6 kg, max. cutting depth 28 mm

Applications:

For best results in cutting, grinding and finishing on steel and other metals

- Cutting to size and deburring
- Preparing joints for welding
- Finishing welds
- Cutting and grinding in positions where access is difficult

Technical Data:

Input power:	1020 W
Output power:	600 W
Min. fuse rating:	10 A
No load speed:	
AG 125-S	11000 rpm
AG 125-SE	2800-11000 rpm
Max. blade diameter:	125 mm
Spindle thread:	M14
Max. cutting depth:	35 mm
Weight:	approx. 1.8 kg

**Features and Benefits**

- Powerful 1020 W motor: for faster cutting and grinding and longer life
- Vibration-absorbing side handle: Makes the tool noticeably easier on the hand and arm muscles and provides better control
- Tough and durable 125 mm cutting and grinding discs: for superior Hilti system performance on all metals
- Robustly-built, compact tool with a weight of only 1.6 kg: ideal for working in positions where access is difficult

Order Description	Item Number	Sales Quantity
Angle grinder AG 125-S 230V EU box	00376107	1
Angle grinder AG 125-S 230V EU box	00376106	1
Angle grinder AG 125-S 110V GB box	00376109	1
Angle grinder AG 125-S 230V GB box	00376110	1

Packed in a cardboard box with protective goggles, clamping flange, wrench, clamping nut

**AG 125-SE Angle Grinder**

Order Description	Item Number	Sales Quantity
Angle grinder AG 125-SE 230V EU box	00376112	1
Angle grinder AG 125-SE 230V CH box	00376114	1

Packed in a cardboard box with protective goggles, clamping flange, wrench, clamping nut or low vibration side handle

AG 230-S Angle Grinder

Dia. 230 mm, 2100 W, 4.3 kg, max. cutting depth 60 mm

Applications:

For best results in cutting, grinding and finishing on steel and other metals

- Cutting large workpieces to size
- Grinding and finishing large areas
- Grinding welds

Technical Data:

Blade speed with maximum blade diameter:	80 m/s
Input power:	2100 W
Max. blade diameter:	230 mm
Max. cutting depth:	65 mm
No load speed:	6500 rpm
Output power:	1350 W
Spindle thread:	M14
Starting current limitation:	16 A
Weight:	4.3 kg

**Features and Benefits**

- Powerful 2100 W motor: for faster cutting and grinding and longer life
- Vibration-absorbing side handle: makes the tool noticeably easier on the hand and arm muscles and provides better control
- Robustly-built, compact tool with a weight of only 4.6 kg, featuring quickly-adjustable disc guard and adjustable gearing section: for maximum safety and easy handling
- Tough and durable 230 mm cutting and grinding discs: for superior Hilti system performance on all metals

Order Description	Item Number	Sales Quantity
Angle grinder AG 230-S 230V box EU	00376118	1
Angle grinder AG 230-S 110V box GB	00376121	1
Angle grinder AG 230-S 230V box GB	00376120	1
Angle grinder AG 230-S 230V box CH	00376119	1

Supplied with: 4-metre supply cord, disc guard, low vibration side handle, clamping flange, M 14 clamping nut, B35 wrench, protective goggles, operating instructions with safety precautions.



Accessories for DC Grinders

Order Description	Item Number	Sales Quantity
Case DC 230 EX	00005598	1
Dust extr. hood (grinding)	00257735	1
Extraction cover DC EX 125	00334782	1
Extraction cover DC/EX kit	00005603	1



Order Description	Item Number	Sales Quantity
Protective cover assy	00281842	1
Protective cover F180	00093925	1
Protective cover stone	00005681	1
Spade grip	00093936	1

**Accessories for All Grinders**

Order Description	Item Number	Sales Quantity
Case DC 125	00258282	① 1
Case DC 230	00258283	② 1
Flange M14/22.2	00093934	③ 1
Nut M14	00093935	④ 1
Pin type face wrench B35	00093932	⑤ 1
Protective cover	00005678	⑥ 1
Quick-locking nut flat	00033685	⑦ 1
Side handle DC 125-S/AG 125-S/SE assy	00282140	⑧ 1
Spade grip assy	00005677	⑨ 1



Grinding Discs

Order Description	Item Number	Sales Quantity
Grinding wheel AG-D 115 UP	00376518	20
Grinding wheel AG-D 125 UP	00334261	20
Grinding wheel AG-D 125 USP	00334263	50
Grinding wheel AG-D 125 USP	00334264	20
Grinding wheel AG-D 180 UP	00334262	20
Grinding wheel AG-D 180 USP	00334265	20
Grinding wheel AG-D 230 UP	00376519	20
Grinding wheel AG-D 230 USP	00334266	20



Cutting Discs

Order Description	Item Number	Sales Quantity
Cutting disc AC-D 115 INOX	00334257	100
Cutting disc AC-D 115 USP	00334253	50
Cutting disc AC-D 125 INOX	00334258	100
Cutting disc AC-D 125 UP	00334251	50
Cutting disc AC-D 125 USP	00334254	50
Cutting disc AC-D 180 USP	00334255	50
Cutting disc AC-D 230 UP	00334252	20
Cutting disc AC-D 230 USP	00334256	50



Abrasive Flap Discs

Order Description	Item Number	Sales Quantity
Resin fibre flap disc AF-D 125 U/120A	00244009	10
Resin fibre flap disc AF-D 125 U/36A	00244007	10
Resin fibre flap disc AF-D 125 U/60A	00244008	10



M2 Diamond Cutting Discs

For hard masonry e.g. clinker

Order Description	Item Number	Sales Quantity
Diamond cutting disc DC-D 115/M2	00315165	1
Diamond cutting disc DC-D 125/M2	00315161	1
Diamond cutting disc DC-D 150/M2	00315169	1
Diamond cutting disc DC-D 180/M2	00315173	1
Diamond cutting disc DC-D 230/M2	00315177	1
Diamond cutting disc DC-D 300/M2	00315181	1



C2 Diamond Cutting Discs

For hard concrete, stone

Order Description	Item Number	Sales Quantity
Diamond cutting disc DC-D 115/C2	00315163	1
Diamond cutting disc DC-D 125/C2	00315159	1
Diamond cutting disc DC-D 150/C2	00315167	1
Diamond cutting disc DC-D 180/C2	00315171	1
Diamond cutting disc DC-D 230/C2	00315175	1
Diamond cutting disc DC-D 300/C2	00315179	1

**C1 Diamond Cutting Discs**

For most current concrete

Order Description	Item Number	Sales Quantity
Diamond cutting disc DC-D 115/C1	00315162	1
Diamond cutting disc DC-D 125/C1	00315158	1
Diamond cutting disc DC-D 150/C1	00315166	1
Diamond cutting disc DC-D 180/C1	00315170	1
Diamond cutting disc DC-D 230/C1	00315174	1
Diamond cutting disc DC-D 300/C1	00315178	1

**FE1 Diamond Cutting Disc**

Order Description	Item Number	Sales Quantity
Diamond cutting disc DC-D 230/FE1	00303978	1

**U10 Diamond Cutting Discs**

For light materials

Order Description	Item Number	Sales Quantity
Diamond cutting disc DC-D 125/U10X2	00333935	2
Diamond cutting disc DC-D 125/U10X5	00313168	5
Diamond cutting disc DC-D 230/U10X2	00333937	2
Diamond cutting disc DC-D 230/U10X5	00313169	5

**M1 Diamond Cutting Discs**

For most current masonry

Order Description	Item Number	Sales Quantity
Diamond cutting disc DC-D 115/M1	00315164	1
Diamond cutting disc DC-D 125/M1	00315160	1
Diamond cutting disc DC-D 150/M1	00315168	1
Diamond cutting disc DC-D 180/M1	00315172	1
Diamond cutting disc DC-D 230/M1	00315176	1
Diamond cutting disc DC-D 300/M1	00315180	1

**T10 Diamond Cutting Discs**

For brittle materials e.g. tiles

Order Description	Item Number	Sales Quantity
Diamond cutting disc DC-D 125/T10X2	00333936	2
Diamond cutting disc DC-D 125/T10X5	00313170	5
Diamond cutting disc DC-D 230/T10X2	00333938	2
Diamond cutting disc DC-D 230/T10X5	00313171	5



DC-D dry-cutting diamond discs for cutters and slitting machines

DC-D dry-cutting diamond discs for cutters Available diameters: 115, 125, 150, 180, 230, 300 mm						
Hilti DC-D disc type	C2	C1	M2	M1	U10	T10
Concrete	Concrete (walls / floors / ceilings)					
	Concrete tiles					
	Concrete blocks					
Cement products	Cement bricks and slabs					
	Composite stone					
	Cement pipes					
	Precast concrete pipes					
	Exposed aggregate slabs					
Synthetic stone / natural stone	Scree					
	Mortar joints					
Materials / substrates	Synthetic stone slabs					
	Sandstone					
	Slate					
	Marble					
Masonry blocks	Granite					
	Porphyry					
	Gneiss					
	Cellular concrete					
	Lightweight concrete blocks					
	Slag-aggregate blocks					
	Hard sand-lime blocks					
	Soft sand-lime blocks					
	Limestone					
Bricks	Lightweight bricks					
	Hollow clay bricks					
	Refractory bricks					
	High-strength bricks and clinker					
	Ceramic clinker					
	Engineers bricks					
Pantiles / tiles / slabs	Roof tiles / pantiles					
	Clay pipes					
	Glazed tiles					
	Ceramic slabs					
	Stoneware					
	Tiles (floor / wall)					
Base material categories	Hard, less abrasive material			Soft, abrasive material		

DC-D FE1 steel cutting diamond disc**Uses:**

Not suitable for precise cutting (due to burring). A powerful angle grinder DC 230-S (at least 2400 W) is required for high cutting performance.

Construction and civil engineering:

- Cutting through reinforcing bars and mesh
- Cutting and trimming steel pipes
- Cutting through roadside crash barrier rails
- Disassembly and demolition of pipework / industrial facilities

Steel / metal construction:

- Cutting through and trimming tubular sections
- Cut-outs in steel sheets
- Cutting through heavy-gauge sections

**Installation:**

- Cutting pipes
- Cutting cast iron pipes / downpipes of up to 6 mm wall thickness
- Cutting and trimming cable trays

Hilti DG-CW diamond cup wheels

**Diamond cup wheels for the
Hilti DC125-S (dry grinding applications)**



Cup wheel: 125 mm dia., bore size: 22 mm dia.

Colour code	No. of segments	Bore size (mm)	Package contents	Ordering designation	Item no.
C1	7	22	1	DG-CW 125 C1	308715
For concrete					
D1	7	22	1	DG-CW 125 D1	308716
For fine finishing on concrete, rounding edges					
C2	7	22	1	DG-CW 125 C2	305696
For flint concrete, hard rock					
A1	7	22	1	DG-CW 125 A1	308714
For screed, tile adhesive					
B1	16	22	1	DG-CW 125 B1	305697
For removing coatings on concrete, rendering and screed					

The right cup wheel for each material

Concrete					
Medium-hard concrete, medium abrasiveness	■		□	--	--
Soft concrete, low abrasiveness	■	■	□	--	--
Hard concrete, low abrasiveness	□	□	■	--	--
Soft concrete, high abrasiveness	■	■	□	--	--
Hard concrete, high abrasiveness	□	□	■	--	--
Pre-cast cement					
Cement blocks and slabs	□	--	□	■	--
Composite blocks	■	--	□	□	--
Cement pipes	□	--	□	■	--
Tile adhesive, filler	--	--	--	■	□
Screed, cement rendering	□	--	--	■	--
Natural stone					
Synthetic stone slabs	--	■	--	--	--
Marble	--	■	--	--	--
Slate	■	--	--	--	--
Granite	□	--	■	--	--
Pantiles, tiles, slabs					
Sand-lime block, hard	□	--	--	■	--
Sand-lime block, soft	--	--	--	■	--
Concrete roof tiles	■	--	--	□	--
Clay roof tiles	--	--	--	□	--
Coatings (less than 3 mm thick)					
Protective coatings on concrete	--	--	--	--	■
Remains of coatings on concrete and screed	--	--	--	--	■
Coatings on hard cement rendering	--	--	--	□	■

■ very suitable, □ suitable, -- unsuitable

