

DIAMOND CORING AND SAWING





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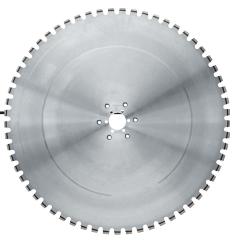
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CORING SYSTEMS

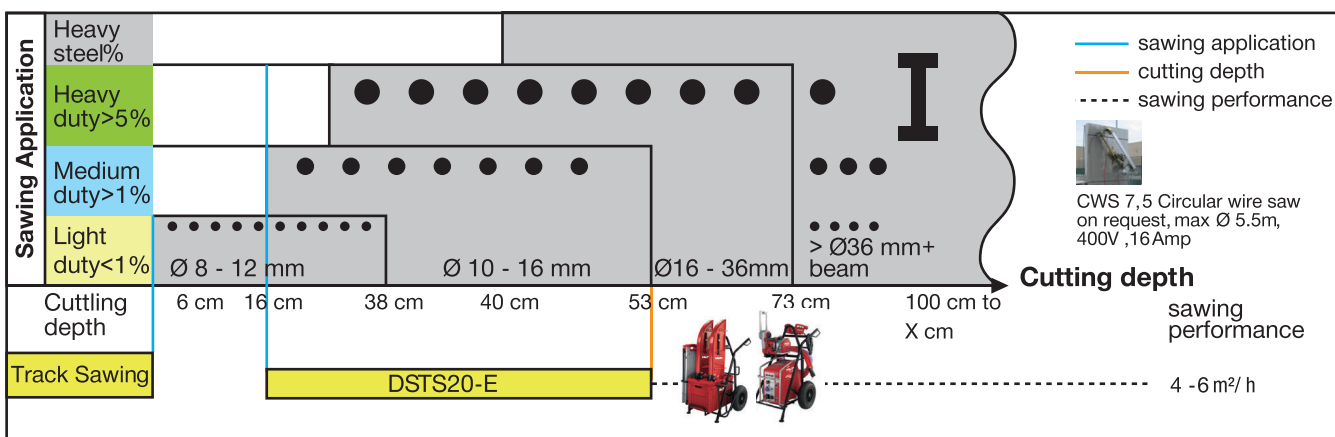


Model		DD 30-W	DD 120	DD 160	
Technical data	■ Diameter Range (max)	8 - 35 mm	16 - 162 mm	25 - 202 mm	
	(optimum)	8 - 20 mm	22 - 82 mm	25 - 162 mm	
■ Input Voltage		110V / 230V	110V / 230V	110V / 230V	
■ Nominal Power		1350W / 1450W	1600W	2200W	
■ Speed (no load)	1st Gear	9200 r.p.m.	650 r.p.m.	420 r.p.m.	
	2nd Gear	—	1380 r.p.m.	700 r.p.m.	
	3rd Gear	—	—	1570 r.p.m.	
	10th Gear	—	—	—	
■ Torque (with load)	1st Gear	13 Nm	18.7 Nm / 19.9 Nm	—	
	2nd Gear	—	8.8 Nm / 9.4 Nm	—	
	3rd Gear	—	—	—	
	10th Gear	—	—	—	
■ Dimensions (LxWxH)		423x108x195 mm	830x147x330 mm	450x195x315 mm	
■ Weight (machine only)		6.8 kg	10 kg (with drillstand)	10.3 kg	
■ Noise and vibration information		84 db	89 db	93 db	
■ Dry Coring		NO	NO	NO	
Core bits		SPX-T	SPX-L	SPX-L	
Features		■ Low noise ■ Little vibration ■ Independent from external water supplies ■ Top Spin for speed and efficiency	■ Very user-friendly ■ Compact & lightweight unit ■ Easy to transport and set up ■ Rugged 2-speed Gearing ■ Service indicator	■ Three speeds ■ Overload indicator ■ Light weight ■ Anchor or Vacuum fastening baseplate	
Remarks					

Mode of operation: Rig-based drilling system

Mode of operation: Hand-held or rig-mounted drilling system

TRACK SAWING & WIRE SAWING SYSTEMS



Remark: The data above are for reference only, not a promise. The actual result can be different depending on different situation in different jobsites.



	DD 200	DD 350-CA	DD 500-CA
	35 - 500 mm — 52 - 250 mm	52 - 500 mm — 82 - 350 mm	82 - 600 mm — 102 - 500 mm
	110V / 230V	110V / 230V	3x 400V
	2530W / 3200W	3000W / 3600W	5500W
	265 r.p.m. / 240 r.p.m. 550 r.p.m. / 580 r.p.m. 1120 r.p.m. / 1160 r.p.m. —	286 r.p.m. ⋮ 667 r.p.m.	265 r.p.m. ⋮ 571 r.p.m.
	140 Nm 45 Nm 21 Nm —	100 Nm ⋮ 21 Nm	174 Nm ⋮ 39 Nm
	630x150x173 mm	608x192x216 mm	608x192x216 mm
	12.5 kg	14.4 kg	16.6 kg
	93 db	95 db	97 db
	YES	YES	YES
	SPX-L	SPX-L	SPX-L
	■ Three speeds ■ Simple Control panel ■ Overload and thermal protector ■ Vacuum and anchor-secured baseplate	■ Power high frequency motor ■ 10 electronic speeds ■ User-friendly power controls ■ IP55 design provides protection from water splashes	■ Power high frequency motor ■ 10 electronic speeds ■ User-friendly power controls ■ IP55 design provides protection from water splashes
	 	 	

 Wet or dry operation: Wet

KEY DATA OF WALL SAW

Sawing System	Power supply, 400 Volt (Ampeer)	Motor power (kW)	Max. cut.-depth (cm)	Sawingperfm. (m ² /h*)	*On medium concrete, rebar < 1%, CLASS
DST 10-CA	16	9	38	2 to 4	light / med.
DST 20-CA	32	18	73	4 to 6	med / high

Diamond coring tool DD 30-W **NEW**



APPLICATIONS

- Drilling accurate anchor and through holes, 8 to 35 mm diameter

ADVANTAGES

- Efficient: Drills through reinforcing bars
- Versatile: Drills through various types of steel reinforced concrete, marble, etc.



Technical data	
Drilling range	Hand-held wet: 8-35 mm Rig-based wet: 8-35 mm
Nominal power	1450W
Rotation speed	Gear 1: 8700 rpm
Dimensions (LxWxH)	441 x 191 x 120 mm
Weight of complete system	7.6 kg
Wall accessibility	40 mm
Chuck type	DD-C+
Protection class	Class I
A-weight emission sound pressure level	87 dB (A) ¹



Ordering designation	Package contents	Sales pack quantity	Item number
DD 30-W 110V	1x Diamond coring tool DD 30-W 110V, 1x Case	1 pc	2043844
DD 30-W 230V	1x Diamond coring tool DD 30-W 230V, 1x Case	1 pc	2043863

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Accessories for Diamond Drilling Tools DD 30-W

Ordering designation		Sales pack quantity	Item number
Drilling stand DD-ST 30		1 pc	2051335
Seal DD-CR1		1 pc	376283 ¹⁾
Depth gauge DD-ST30-ES		1 pc	2046234 ¹⁾
Handwheel DD-ST 30-HW-2A		1 pc	279278 ¹⁾
Water collector system DD-WC-30		1 pc	2046233
Cover cap DD-30-W-CV		1 pc	2046235
Side handle DD-SH-30		1 pc	2046232 ¹⁾
Rubber seal DD-WCS-30		1 pc	2046237 ¹⁾
Case DD 30-W		1 pc	2035505 ¹⁾
Connecting piece DD 30-W		1 pc	2131149
Jig brush		1 pc	277489-509 ¹⁾
Core breaker DD-CB		1 pc	338346-68 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Ultimate diamond core bit DD C SPX-T



APPLICATIONS

- Wet coring of small diameter anchor or through holes in all types of concrete

ADVANTAGES

- High drilling performance in combination with the Hilti DD EC-1 or Hilti DD 30-W

Technical data

Type	Core bit
Base materials	Concrete (very abrasive)
Drilling mode	Hand-held, Rig-mounted, Hand-held and rig-mounted

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Ordering designation	Diameter	Working length	Sales pack quantity	Item number
C+ 8/150 SPX-T abras.	8 mm	150 mm	1 pc	2139004 ¹⁾
C+ 10/150 SPX-T abras.	10 mm	150 mm	1 pc	2139005
C+ 12/150 SPX-T abras.	12 mm	150 mm	1 pc	2139006
C+ 14/150 SPX-T abras.	14 mm	150 mm	1 pc	2076461
C+ 15/150 SPX-T abras.	15 mm	150 mm	1 pc	2076463
C+ 16/300 SPX-T abras.	16 mm	300 mm	1 pc	2076467
C+ 18/300 SPX-T abras.	18 mm	300 mm	1 pc	2076469
C+ 20/300 SPX-T abras.	20 mm	300 mm	1 pc	2076471
C+ 22/300 SPX-T abras.	22 mm	300 mm	1 pc	2076472
C+ 24/300 SPX-T abras.	24 mm	300 mm	1 pc	2076473
C+ 25/300 SPX-T abras.	25 mm	300 mm	1 pc	2076474
C+ 28/300 SPX-T abras.	28 mm	300 mm	1 pc	2076476
C+ 30/300 SPX-T abras.	30 mm	300 mm	1 pc	2076478
C+ 32/300 SPX-T abras.	32 mm	300 mm	1 pc	2076479
C+ 35/300 SPX-T abras.	35 mm	300 mm	1 pc	2076482
C+ 20/600 SPX-T abras.	20 mm	600 mm	1 pc	2076483 ¹⁾
C+ 22/600 SPX-T abras.	22 mm	600 mm	1 pc	2076484 ¹⁾
C+ 24/600 SPX-T abras.	24 mm	600 mm	1 pc	2076485 ¹⁾
C+ 25/600 SPX-T abras.	25 mm	600 mm	1 pc	2076486 ¹⁾
C+ 28/600 SPX-T abras.	28 mm	600 mm	1 pc	2076487 ¹⁾
C+ 30/600 SPX-T abras.	30 mm	600 mm	1 pc	2076488 ¹⁾
C+ 32/600 SPX-T abras.	32 mm	600 mm	1 pc	2076489 ¹⁾
C+ 35/600 SPX-T abras.	35 mm	600 mm	1 pc	2076490 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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Diamond coring tool DD 120



APPLICATIONS

- Installing pipes for sanitary, heating and air conditioning
- Installing water supply and waste water pipes
- Making openings for cable trays
- Setting large-diameter anchors and reinforcing bars
- Installing railings and barriers

ADVANTAGES

- Exceptionally user-friendly thanks to self-explanatory features and controls
- Compact, lightweight unit for extremely easy handling
- Easy to transport and set up
- Two-speed Gearing for optimum speed and torque
- More reliable and lower repair costs



Technical data

Drilling range	Rig-based wet: 16-162 mm
Nominal power	1600W
Rotation speed	Gear 1: 650 rpm; Gear 2: 1380 rpm
Dimensions (LxWxH)	830 x 147 x 330 mm
Weight of complete system	11 kg
Wall accessibility	41 mm
Protection class	Class I
Radio and television interference suppression	Yes
Connection end	BI+
Possible corebits	SPX-L



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 120 110V	1x Diamond coring tool DD 120 110V, 1x Chuck BI+	1 pc	2216319
DD 120 230V	1x Diamond coring tool DD 120 230V, 1x Chuck BI+	1 pc	2216315
DD 120 110V System	1x Diamond coring tool DD 120 110v, 1x Chuck BI+ assy, 1x DD-LR-CLN Clamping nut, 1x DD-LR-CLN Clamping spindle, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3611502
DD 120 230V System	1x Diamond coring tool DD 120 230v, 1x Chuck BI+ assy, 1x DD-LR-CLN Clamping nut, 1x DD-LR-CLN Clamping spindle, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3611500

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Accessories

Ordering designation		Sales pack quantity	Item number
BI+ connection end DD-B SPX-L core bit with BI+ connection end		1 pc	236120
Drilling stand DD-ST 120 STL		1 pc	2203154 ¹⁾
Drilling stand DD-ST 120 STM		1 pc	2203158 ¹⁾
Drilling stand DD-ST 120 SFL		1 pc	2203159
Spacer DD M12s		1 pc	409269 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Diamond coring tool DD 160



APPLICATIONS

- Rig-based wet drilling in concrete for pipe penetrations in plumbing, heating and air conditioning installations
- Stitch drilling for cable trays and ventilation ducts
- Drilling blind holes for large-diameter anchors, reinforcing bars

ADVANTAGES

- Exceptionally user-friendly thanks to self-explanatory features and controls
- Sturdy 3-speed Gearing for outstanding coring performance across the entire diameter range
- The power control LED helps inexperienced users achieve the optimum rate of drilling progress and maximum core bit life under all conditions
- Choice of a high-grade drill stand with many useful features or a simple, very compact drill stand with basic functionality
- Clear and concise range of accessories for added versatility



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Technical data

Drilling range	Rig-based wet: 25-202 mm
Nominal power	2200W
Rotation speed	Gear 1: 420 rpm; Gear 2: 700 rpm; Gear 3: 1570 rpm
Dimensions (LxWxH)	450 x 195 x 315 mm
Weight of complete system	16 kg
Wall accessibility	41 mm
Protection class	Class I
Chuck type	BI+
Possible corebits	SPX-L



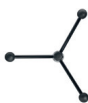
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Ordering designation	Package contents	Sales pack quantity	Item number
DD 160 110V	1x Diamond coring tool DD 160 110V, 1x Chuck BI+ assy	1 pc	2005221
DD 160 230V	1x Diamond coring tool DD 160 230V, 1x Chuck BI+ assy	1 pc	2005223
DD 160 110V System	1x Diamond coring tool DD 160 110V, 1x Chuck BI+ assy, 1x DD-ST 160 SFL Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3611584
DD 160 230V System	1x Diamond coring tool DD 160 230V, 1x Chuck BI+ assy, 1x DD-ST 160 SFL Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3611583

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Accessories

Ordering designation		Sales pack quantity	Item number
BI+ connection end DD-B SPX-L core bit with BI+ connection end		1 pc	236120
Drilling stand DD-ST 160 CTL (with vacuum fixing)		1 pc	2203156
Drilling stand DD-ST 160 SFL		1 pc	2203157
Headwheel DD-HW-3A		1 pc	2007687 ¹⁾
Accessory kit DD M16		1 pc	409303 ¹⁾
Vacuum pump DD VP-U 230V		1 pc	408458
Vacuum pump DD VP-U 110V		1 pc	408996

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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Diamond coring tool DD 200



APPLICATIONS

- Making penetrations for ducts, pipes and cables
- Openings for ventilation
- Stitch drilling for breaches
- Coring holes for service entries
- Coring holes in ceilings, walls and floors without hammering and vibration
- Corner holes for sawing

ADVANTAGES

- Air-cooled heavy-duty drive unit with three-speed Gearing and convenient controls
- BL quick lock chuck system allows keyless exchange of core bits (optional)
- Easy to handle, understand and operate
- Unmatched, extremely wide application range
- Extremely sturdy, robust design
- The power control LED allows even inexperienced users to achieve the optimum rate of drilling speed and maximum core bit life
- The service indicator warns when servicing is due, reducing downtime and helping to avoid costly repairs
- Compact, sturdy and simple drill stand
- Compatible with many typical, market standard drill stands



Technical data

Drilling range	Rig-based wet: 35-500 mm
Nominal power	3200W
Dimensions (LxWxH)	550 x 195 x 415 mm
Weight of complete system	32.7 kg
Protection class	Class I
Wall accessibility	46 mm
Chuck type	BL
Possible corebits	SPX-L/H



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 200 BL 110V	1x Diamond coring tool DD 200 110V, 1x Chuck DD-C-BL	1 pc	2124831
DD 200 BL 230V	1x Diamond coring tool DD 200 230V, 1x Chuck DD-C-BL	1 pc	2124824
DD 200 110V System	1x Diamond coring tool DD 200 110v, 1x Chuck BL assy, 1x DD-ST 200 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3553430
DD 200 230V System	1x Diamond coring tool DD 200 230v, 1x Chuck BL assy, 1x DD-ST 200 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3553431

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Accessories

Ordering designation		Sales pack quantity	Item number
BL connection end SPX-L core bit with BL connection end		1 pc	305542
Drilling stand DD-ST 200		1 pc	2105437
Vacuum pump DD VP-U 230V		1 pc	408458
Vacuum pump DD VP-U 110V		1 pc	408996
Spacer DD-ST 200 SP		1 pc	2121100 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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Diamond coring tool DD 350-CA



APPLICATIONS

- Drilling through-holes and penetrations
- Blind holes for setting anchors or post-installed rebar
- Corner holes for sawing
- Manhole openings
- Stitch coring for installing cable trays
- Large openings for water drainage pipes, etc.

ADVANTAGES

- Powerful high-frequency motor with electronic speed control for optimum power delivery over the entire diameter range
- Compatible with the DD AF-CA automatic feed unit that makes drilling a highly efficient and fully automated process
- Iron Boost: for a quick performance boost with increased torque when drilling through rebar
- IP 55 water spray protection ensures drilling performance in adverse conditions
- Operation within the optimum power band, for peak performance and longer core bit life, is easy with the aid of the LED power indicators
- High performance, low weight
- BL quick-lock keyless chuck system for easy core bit changing. The service indicator warns when servicing is due, reducing downtime and helping to avoid costly repairs
- The brushless motor minimizes servicing and repair costs
- 10 electronically switched "Gears"



Technical data

Drilling range	Rig-based wet: 52-500 mm
Nominal power	3600W
Rotation speed	Gear 1: 667 rpm; Gear 2: 298 rpm
Dimensions (LxWxH)	608 x 192 x 216 mm
Weight of complete system	34.9 kg
Chuck type	BL
Protection class	Class I
Radio and television interference suppression	Yes
Possible corebits	SPX-L/H



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 350-CA BL 230V	1x Diamond coring tool DD 350-CA 230V, 1x Chuck DD-C-BL	1 pc	2087381¹⁾
DD 350-CA BL 110V	1x Diamond coring tool DD 350-CA 110V, 1x Chuck DD-C-BL	1 pc	2095234¹⁾
DD 350-CA 110V System	1x Diamond coring tool DD 350-CA 110v, 1x Chuck BL assy, 1x DD-HD30 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M16 Jack Screw, 1x HSD-G M16 Setting tool, 1x TE-CX 20/22, 50x HKD M16x50	1 pc	3611585
DD 350-CA 230V System	1x Diamond coring tool DD 350-CA 230v, 1x Chuck BL assy, 1x DD-HD30 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M16 Jack Screw, 1x HSD-G M16 Setting tool, 1x TE-CX 20/22, 50x HKD M16x50	1 pc	3600644

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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Accessories

Ordering designation		Sales pack quantity	Item number
BL connection end SPX-L core bit with BL connection end		1 pc	305542
Drilling stand DD-HD 30		1 pc	2148548
Vacuum base plate DD HD 30-VBP		1 pc	365538 ¹⁾
Vacuum pump DD VP-U 230V		1 pc	408458
Vacuum pump DD VP-U 110V		1 pc	408996
Accessory DD M16		1 pc	409303 ¹⁾
Guide Rail Extension DD-HD30-XT		1 pc	305537 ¹⁾
Spacer DD-HD 30-SP		1 pc	305539
Autofeed unit DD AF-CA 110V		1 pc	2095126

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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Diamond coring tool DD 500-CA



APPLICATIONS

- Coring through-holes and penetrations
- Drilling blind holes for setting anchors or post-installed rebar
- Corner holes for sawing
- Manhole openings
- Stitch coring for installing cable trays
- Large openings for drain pipes etc.

ADVANTAGES

- Operation within the optimum power range is easy with the aid of the LED power controls for peak performance and longer core bit life
- Powerful high-frequency motor with electronic speed control for optimum power delivery over the entire diameter range
- High performance, low weight
- The brushless motor minimizes servicing and repair costs
- The service indicator warns when servicing is due, reducing down time and helping to avoid costly repairs
- With IP 55 water spray protection, drilling can be carried out under adverse conditions



Technical data

Drilling range	Rig-based wet: 82-600 mm
Nominal power	5500W
Rotation speed	Gear 1: 531 rpm; Gear 2: 265 rpm
Dimensions (LxWxH)	608 x 192 x 216 mm
Weight of complete system	37.1 kg
Protection class	Class I
Radio and television interference suppression	Yes
Rated voltage	400V
Chuck type	Quick-release BL
Possible corebits	SPX-L/H



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 500-CA BL 400V	1x Diamond coring tool DD 500-CA 400V assy, 1x Chuck DD-C-BL assy	1 pc	2087267
DD 500-CA 400V System	1x Diamond coring tool DD 500-CA 400v, 1x Chuck BL assy, 1x DD-HD30 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M16 Jack Screw, 1x HSD-G M16 Setting tool, 1x TE-CX 20/22, 50x HKD M16x50	1 pc	3611586

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Accessories

Ordering designation		Sales pack quantity	Item number
BL connection end SPX-L core bit with BL connection end		1 pc	305542
Drilling stand DD-HD 30		1 pc	2148548
Vacuum base plate DD HD 30-VBP		1 pc	365538 ¹⁾
Vacuum pump DD VP-U 230V		1 pc	408458
Vacuum pump DD VP-U 110V		1 pc	408996
Accessory KIT DD M16		1 pc	409303 ¹⁾
Guide Rail Extension DD-HD30-XT		1 pc	305537 ¹⁾
Spacer DD-HD 30-SP		1 pc	305539
Autofeed unit DD AF-CA 110V		1 pc	2095126

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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Diamond core bit DD-BI SPX-L Abrasive



BI series



B series

APPLICATIONS

- Rig-based wet coring in very abrasive concrete

ADVANTAGES

- Hilti Equidist technology (35 mm diameter and above) – precisely positioned diamonds for unmatched drilling performance and constant drilling speeds over the entire life of the core bit

Technical data

Base materials	Concrete (very abrasive)
Drilling mode	Rig-mounted
Wet or dry operation	Wet

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
BI 12/320 SPX-L abras.	12 mm	320 mm	■	■				1 pc	2171859
BI 14/320 SPX-L abras.	14 mm	320 mm	■	■				1 pc	2172040
BI 16/320 SPX-L abras.	16 mm	320 mm	■	■				1 pc	2172041
BI 18/320 SPX-L abras.	18 mm	320 mm	■	■				1 pc	2172042
BI 20/320 SPX-L abras.	20 mm	320 mm	■	■				1 pc	2172043
BI 22/320 SPX-L abras.	22 mm	320 mm	■	■				1 pc	2172044
BI 24/320 SPX-L abras.	24 mm	320 mm	■	■				1 pc	2172045
BI 25/320 SPX-L abras.	25 mm	320 mm	■	■				1 pc	2159409
BI 28/320 SPX-L abras.	28 mm	320 mm	■	■				1 pc	2159412
BI 30/320 SPX-L abras.	30 mm	320 mm	■	■				1 pc	2159417
BI 32/320 SPX-L abras.	32 mm	320 mm	■	■				1 pc	2159421
BI 35/430 SPX-L abras.*	35 mm	430 mm	■	■				1 pc	2159423
BI 37/430 SPX-L abras.*	37 mm	430 mm	■	■				1 pc	2159426
BI 40/430 SPX-L abras.*	40 mm	430 mm	■	■				1 pc	2159429
BI 42/430 SPX-L abras.*	42 mm	430 mm	■	■				1 pc	2159562
BI 47/430 SPX-L abras.*	47 mm	430 mm	■	■				1 pc	3611603

*This item has to be used with BI or BK connection end.

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Abrasive X-change Module SPX-L Abras.



APPLICATIONS

- Wet or dry diamond coring

ADVANTAGES

- The unique Hilti X-Change module system (52 mm to 202 mm) enables fast and easy onsite retipping using just a flat-tip

Technical data

Type	X-Change Module
Wet or dry operation	Wet and dry
Connection end	No connection end

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
52 X-change module SPX-L abras.	52 mm	N/A	■	■				1 pc	2159083
57 X-change module SPX-L abras.	57 mm	N/A	■	■				1 pc	2159084
62 X-change module SPX-L abras.	62 mm	N/A	■	■				1 pc	2159085 ¹⁾
67 X-change module SPX-L abras.	67 mm	N/A	■	■				1 pc	2159086
72 X-change module SPX-L abras.	72 mm	N/A	■	■				1 pc	2159087
77 X-change module SPX-L abras.	77 mm	N/A	■	■				1 pc	2159088
82 X-change module SPX-L abras.	82 mm	N/A	■	■				1 pc	2159089
87 X-change module SPX-L abras.	87 mm	N/A	■	■				1 pc	2159200 ¹⁾
92 X-change module SPX-L abras.	92 mm	N/A	■	■				1 pc	2159201
102 X-change module SPX-L abras.	102 mm	N/A	■	■				1 pc	2159202
107 X-change module SPX-L abras.	107 mm	N/A	■	■				1 pc	2159203
112 X-change module SPX-L abras.	112 mm	N/A	■	■				1 pc	2159204 ¹⁾
122 X-change module SPX-L abras.	122 mm	N/A	■	■				1 pc	2159205
132 X-change module SPX-L abras.	132 mm	N/A	■	■				1 pc	2159206 ¹⁾
142 X-change module SPX-L abras.	142 mm	N/A	■	■				1 pc	2159207 ¹⁾
152 X-change module SPX-L abras.	152 mm	N/A	■	■				1 pc	2159208
162 X-change module SPX-L abras.	162 mm	N/A		■				1 pc	2159209 ¹⁾
182 X-change module SPX-L abras.	182 mm	N/A		■				1 pc	2159210 ¹⁾
202 X-change module SPX-L abras.	202 mm	N/A		■				1 pc	2159211

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Abrasive X-change Module SPX-H Abras.



APPLICATIONS

- Wet or dry diamond coring

ADVANTAGES

- The unique Hilti X-Change module system (52 mm to 202 mm) enables fast and easy onsite retipping using just a flat-tip

Technical data

Type	X-Change Module
Wet or dry operation	Wet and dry
Connection end	No connection end

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
52 X-change module SPX-H Abras.	52 mm	N/A			■	■	■	1 pc	2113027
57 X-change module SPX-H Abras.	57 mm	N/A			■	■	■	1 pc	2113028 ¹⁾
62 X-change module SPX-H Abras.	62 mm	N/A			■	■	■	1 pc	2113029 ¹⁾
67 X-change module SPX-H Abras.	67 mm	N/A			■	■	■	1 pc	2113280 ¹⁾
72 X-change module SPX-H Abras.	72 mm	N/A			■	■	■	1 pc	2113281 ¹⁾
77 X-change module SPX-H Abras.	77 mm	N/A			■	■	■	1 pc	2113282
82 X-change module SPX-H Abras.	82 mm	N/A			■	■	■	1 pc	2113283 ¹⁾
87 X-change module SPX-H Abras.	87 mm	N/A			■	■	■	1 pc	2113284 ¹⁾
92 X-change module SPX-H Abras.	92 mm	N/A			■	■	■	1 pc	2113285 ¹⁾
102 X-change module SPX-H Abras.	102 mm	N/A			■	■	■	1 pc	2113286
107 X-change module SPX-H Abras.	107 mm	N/A			■	■	■	1 pc	2113287 ¹⁾
112 X-change module SPX-H Abras.	112 mm	N/A			■	■	■	1 pc	2113288 ¹⁾
122 X-change module SPX-H Abras.	122 mm	N/A			■	■	■	1 pc	2113289 ¹⁾
132 X-change module SPX-H Abras.	132 mm	N/A			■	■	■	1 pc	2113290 ¹⁾
142 X-change module SPX-H Abras.	142 mm	N/A			■	■	■	1 pc	2113291 ¹⁾
152 X-change module SPX-H Abras.	152 mm	N/A			■	■	■	1 pc	2113292
162 X-change module SPX-H Abras.	162 mm	N/A			■	■	■	1 pc	2113293 ¹⁾
182 X-change module SPX-H Abras.	182 mm	N/A			■	■	■	1 pc	2113294 ¹⁾
202 X-change module SPX-H Abras.	202 mm	N/A			■	■	■	1 pc	2113295

Please visit Hilti website for the latest item numbers and related products

X-Change barrel DD B



Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
B 52/430-X	52 mm	430 mm	■	■	■	■	■	1 pc	2139594
B 57/430-X	57 mm	430 mm	■	■	■	■	■	1 pc	2139595
B 62/430-X	62 mm	430 mm	■	■	■	■	■	1 pc	2139596 ¹⁾
B 67/430-X	67 mm	430 mm	■	■	■	■	■	1 pc	2139597
B 72/430-X	72 mm	430 mm	■	■	■	■	■	1 pc	2139598
B 77/430-X	77 mm	430 mm	■	■	■	■	■	1 pc	2139599
B 82/430-X	82 mm	430 mm	■	■	■	■	■	1 pc	2139630
B 87/430-X	87 mm	430 mm	■	■	■	■	■	1 pc	2139631 ¹⁾
B 92/430-X	92 mm	430 mm	■	■	■	■	■	1 pc	2139632
B 102/430-X	102 mm	430 mm	■	■	■	■	■	1 pc	2139633
B 107/430-X	107 mm	430 mm	■	■	■	■	■	1 pc	2139634 ¹⁾
B 112/430-X	112 mm	430 mm	■	■	■	■	■	1 pc	2139635 ¹⁾
B 122/430-X	122 mm	430 mm	■	■	■	■	■	1 pc	2139636
B 132/430-X	132 mm	430 mm	■	■	■	■	■	1 pc	2139637 ¹⁾
B 142/430-X	142 mm	430 mm	■	■	■	■	■	1 pc	2139638 ¹⁾
B 152/430-X	152 mm	430 mm	■	■	■	■	■	1 pc	2139639
B 162/430-X	162 mm	430 mm		■	■	■	■	1 pc	2139640 ¹⁾
B 172/430-X	172 mm	430 mm		■	■	■	■	1 pc	2139641 ¹⁾
B 182/430-X	182 mm	430 mm		■	■	■	■	1 pc	2139642 ¹⁾
B 202/430-X	202 mm	430 mm		■	■	■	■	1 pc	2139643

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

SPX-L Combo (3X-change module plus 1 barrel)



Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
52MM CORE BIT SET (3X-CM + 1BARREL)	52 mm	430 mm	■	■				1 pc	3611587
57MM CORE BIT SET (3X-CM + 1BARREL)	57 mm	430 mm	■	■				1 pc	3611588
62MM CORE BIT SET (3X-CM + 1BARREL)	62 mm	430 mm	■	■				1 pc	3611589 ¹⁾
67MM CORE BIT SET (3X-CM + 1BARREL)	67 mm	430 mm	■	■				1 pc	3611590
72MM CORE BIT SET (3X-CM + 1BARREL)	72 mm	430 mm	■	■				1 pc	3611591
77MM CORE BIT SET (3X-CM + 1BARREL)	77 mm	430 mm	■	■				1 pc	3611592
82MM CORE BIT SET (3X-CM + 1BARREL)	82 mm	430 mm	■	■				1 pc	3611593
87MM CORE BIT SET (3X-CM + 1BARREL)	87 mm	430 mm	■	■				1 pc	3611594 ¹⁾
92MM CORE BIT SET (3X-CM + 1BARREL)	92 mm	430 mm	■	■				1 pc	3611595
102MM CORE BIT SET (3X-CM + 1BARREL)	102 mm	430 mm	■	■				1 pc	3611596
107MM CORE BIT SET (3X-CM + 1BARREL)	107 mm	430 mm	■	■				1 pc	3611597 ¹⁾
112MM CORE BIT SET (3X-CM + 1BARREL)	112 mm	430 mm	■	■				1 pc	3611598 ¹⁾
122MM CORE BIT SET (3X-CM + 1BARREL)	122 mm	430 mm	■	■				1 pc	3611599
132MM CORE BIT SET (3X-CM + 1BARREL)	132 mm	430 mm	■	■				1 pc	3611601 ¹⁾
142MM CORE BIT SET (3X-CM + 1BARREL)	142 mm	430 mm	■	■				1 pc	3611602 ¹⁾
152MM CORE BIT SET (3X-CM + 1BARREL)	152 mm	430 mm	■	■				1 pc	3611603
162MM CORE BIT SET (3X-CM + 1BARREL)	162 mm	430 mm		■				1 pc	3611604 ¹⁾
182MM CORE BIT SET (3X-CM + 1BARREL)	182 mm	430 mm		■				1 pc	3611605 ¹⁾
202MM CORE BIT SET (3X-CM + 1BARREL)	202 mm	430 mm		■				1 pc	3611606 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Diamond core bit DD-B SPX-H Abrasive



APPLICATIONS

- Rig-based wet coring in very abrasive concrete

ADVANTAGES

- Hilti Equidist segment technology (35 mm diameter and above), featuring precisely positioned diamonds for unmatched drilling performance

Technical data	
Type	Core bit
Base materials	Concrete (very abrasive)
Drilling mode	Rig-mounted

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
B 205/450 SPX-H abras.	205 mm	450 mm			■	■	■	1 pc	2158248 ¹⁾
B 225/450 SPX-H abras.	225 mm	450 mm			■	■	■	1 pc	2158249
B 250/450 SPX-H abras.	250 mm	450 mm			■	■	■	1 pc	2158250
B 300/450 SPX-H abras.	300 mm	450 mm			■	■	■	1 pc	2158251
B 350/450 SPX-H abras.	350 mm	450 mm			■	■	■	1 pc	2158252
B 400/450 SPX-H abras.	400 mm	450 mm			■	■	■	1 pc	2158253
B 450/450 SPX-H abras.	450 mm	450 mm				■	■	1 pc	2158254
B 500/450 SPX-H abras.	500 mm	450 mm				■	■	1 pc	2158255
B 600/450 SPX-H abras.	600 mm	450 mm				■	■	1 pc	2158256

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Accessories for Diamond Drilling Tools

		DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA		
Ordering designation							Sales pack quantity	Item number
Column swivel DD-ST-150/160-RR			■				1 pc	2006373 ¹⁾
Flow indicator DD-WFI Water flow indicator		■	■	■	■	■	1 pc	305939 ¹⁾
Handwheel DD-HW-3A			■				1 pc	2007687 ¹⁾
Jack Screw DD-LR-CLS Spindle set for fixing drill stand, recommended max. core bit size 102 mm		■					1 pc	333629
Set of wheels DD-HD30-W				■	■	■	1 pc	305541 ¹⁾
Spacer DD-HD30-SP				■	■	■	1 pc	305539
Vacuum baseplate DD-HD30-VBP					■	■	1 pc	305538 ¹⁾
Vacuum baseplate DD-ST-VBP 120/160		■	■	■			1 pc	2027859 ¹⁾
Water collector holder DD-HD30-WCH					■	■	1 pc	305536 ¹⁾
Water collector holder DD-ST-150/160-WCH			■				1 pc	2016633 ¹⁾
Water collector holder DD-LR-A-WCH		■					1 pc	331622 ¹⁾
Water collector system DD-WMK-BI		■	■				1 pc	2040915 ¹⁾
Quick-locking nut DD-CN-SML (Use with Jack screw DD-CS M12-SM/M16) Spindle set for fixing drill stand			■	■	■	■	1 pc	251834
Jack Screw DD-CS M12-SM Spindle set for fixing drill stand, recommended max. core bit size 202 mm			■				1 pc	251830
Jack Screw DD-CS M16 Spindle set for fixing drill stand, recommended max. core bit size 600 mm			■	■	■	■	1 pc	337378

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Accessories for Diamond Drilling Tools

		DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
Ordering designation								
Connection end BI-1		■	■				1 pc	236120
Connection end BL				■	■	■	1 pc	305542
Extension DD-BI-ET 300		■	■				1 pc	220929
Extension DD-BL-ET 300				■	■	■	1 pc	305903
Accessory M12 set			■				1 pc	409269 ¹⁾
Accessory kit DD M16			■	■	■	■	1 pc	409303 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Water management system WMS 100 **NEW****APPLICATIONS**

- Suitable for all wet diamond coring applications
- Works with all Hilti diamond coring tools
- Operates in 3 modes – recycling, vacuum cleaning and water supply

ADVANTAGES

- Provides up to one full day of water autonomy for wet diamond coring applications
- Keeps the jobsite clean – all slurry is collected by the Hilti water collection system
- Easy disposal process – all the slurry is collected in the filter bag
- One filter bag recycles waste water up to 7 times which equals up to 100 litres of water output

**Technical data**

Weight according to EPTA Procedure 01/2003	19.7 kg
Supply cord length	5 m
A-weighted emission sound pressure level¹⁾	76 dB (A)
Max. water pressure	7 bar
Protection class	Class I

¹⁾ according to EN 60745



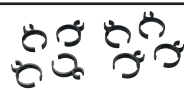
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Ordering designation	Package contents	Sales pack quantity	Item number
DD-WMS 100 110V	1x Water management system DD-WMS 100 110V	1 pc	2145578
DD-WMS 100 230V	1x Water management system DD-WMS 100 230V	1 pc	2145821
Kit DD-WMS 100 110V	1x Water collector system DD-WCS-122, 1x Water collector system DD-WCS-172, 1x Water management system DD-WMS 100 110V, 1x Push bar DD-WMS 100 assy, 5x Filtration bag	1 pc	3579734
Kit DD-WMS 100 230V	1x Water collector system DD-WCS-122, 1x Water collector system DD-WCS-172, 1x Water management system DD-WMS 100 230V, 1x Push bar DD-WMS 100 assy, 5x Filtration bag	1 pc	3579735

Please visit Hilti website for the latest item numbers and related products

Accessories for WMS 100

Ordering designation		Sales pack quantity	Item number
Filtration Bag DD-WMS 100 MP5 large Multi pack of 5 filter bags		1 pc	2145833
Filtration Bag DD-WMS 100 MP25 large Multi pack of 25 filter bags		1 pc	2145834 ¹⁾
Water collector system DD-WCS-67 New self-fixating water collector up to 67 mm		1 pc	2159810
Water collector system DD-WCS-122 New self-fixating water collector up to 122 mm		1 pc	2159811
Water collector system DD-WCS-142 New self-fixating water collector up to 142 mm		1 pc	2159812
Water collector system DD-WCS-172 New self-fixating water collector up to 172 mm		1 pc	2159813
Water collector system DD-WCS-250 New self-fixating water collector up to 250 mm		1 pc	2159814
Seal DD-WCS-67 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166106
Seal DD-WCS-122 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166107
Seal DD-WCS-142 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166108
Seal DD-WCS-172 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166109
Seal DD-WCS-250 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166200
Push bar DD-WMS 100 assy Standard pushbar from VC, equipped with retaining strap (#2159819) and 2 hooks (#2160030) - 1 for retaining strap, 1 for hoses set		1 pc	2159816
Suction hose DD-WMS 100 assy Supplied with rubber hose connector (#2160032) and small retaining strap		1 pc	2159817
Water supply hose DD-WMS 100 assy Complete, with water flow indicator		1 pc	2159818
Retaining strap DD-WMS 100 Part of WMS push bar, used to fix toolcases on the WMS		1 pc	2159819 ¹⁾
Hook DD-WMS 100 1 hook, used on the push bar to hang retaining strap or set of hoses		1 pc	2160030 ¹⁾
Hose clamp DD-WMS 100 set Set of clams to fix together the suction hose and water supply hose (4 small and 4 big)		1 pc	2160031 ¹⁾
Hose connector DD-WMS 100 Standard part of suction hose		1 pc	2160032
WATER COLLECTOR SYS DD-WCS-200 V		1 pc	2215476
WATER COLLECTOR SYS DD-WCS-500 V		1 pc	2215477
WATER DAM DD-WC-SM		1 pc	232221
WATER DAM DD-WC-ML		1 pc	232243 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Vacuum pump DD VP-U



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Ordering Designation	Sales pack quantity	Item number
Vacuum pump DD VP-U 230V	1 pc	408458
Vacuum pump DD VP-U 110V	1 pc	408996

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

5

Water supply unit and components DD

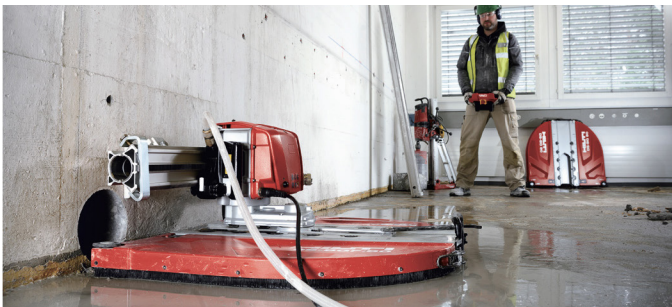


Ordering Designation	Sales pack quantity	Item number
Flow indicator DD-WFI	1 pc	305939 ¹⁾
Water supply unit DWP 10	1 pc	365595 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Wall saw DST 10-CA



APPLICATIONS

- Cutting and extending openings for doors and windows, openings in floors, in reinforced concrete, masonry and natural stone
- Facade and balcony renovation
- Sawing in tight spaces or where access is difficult

ADVANTAGES

- Extremely compact, easy to handle and transport and quick to set up thanks to integrated control electronics
- Hilti Traction Control for maximum sawing performance with a 16 amp electric supply
- Unique: Cutting depth is shown in real time in the display on the remote control unit
- Wireless remote control



Technical data	
Mains frequency	50/60 Hz
IP protection class	IP 65
Saw blade diameter - range	600 - 900 mm
Weight - drive	32 kg
Dimensions (LxWxH) - drive	365 x 400 x 350 mm
A-weighted emission sound pressure level ¹⁾	114.5 dB (A)
Min. cooling water supply rate	2 L/min
Min. generator power	20 kVA
Motor power S1	9 kW
Rated voltage	400 V
Remote control	Wireless
Saw blade diameter - max.	900 mm

¹⁾ according to EN 60745



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Ordering designation	Package contents	Sales pack quantity	Item number
DST 10-CA 3x400V	1x Sawing head DST 10-CA CE assy, 4x Rail support DS-RF-L, 50x Flush anchor HKD-D 12x50, 1x Remote control DST WRC-CA assy, 1x Coupler CEE 16A/400V/5P/6H, 1x Trolley assy, 1x Center section DS-BG 80, 1x Side section DS-BG 80, 1x Tool set DST-TS10	1 pc	2052107

Please visit Hilti website for the latest item numbers and related products

Wall saw DST 20-CA **NEW**

APPLICATIONS

- Cutting and extending openings in concrete walls and floors
- Precise demolition of walls and floors with low vibration
- Cutting through heavily reinforced concrete, synthetic and natural stone, brick and block and other mineral-based materials
- Cutting in tight spaces and where access is difficult
- Facade and balcony renovation

ADVANTAGES

- Extremely compact, easy to handle and transport and quick to set up thanks to integrated control electronics (no external E-box necessary)
- Cutting depth up to 73 cm
- Hilti Traction Control for maximum sawing performance with a 16 or 32 amp electric supply
- Wireless remote control
- Cut Assist – keeps your head and hands free for other tasks while sawing is in progress
- Cutting depth is shown in real time in the display of the remote control unit



Technical data

Drive weight	32 kg
IP protection class	IP 65
Min. cooling water supply rate	4 l/min
Min. generator power	40 kVA
Motor power	20 kW
Pin assignment	3P+PE
Power source type	3x400V/32A
Rated voltage	400 V
Remote control	Wireless
Saw blade diameter - max.	1600 mm
Saw blade diameter - min.	600 mm



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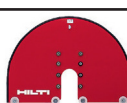
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Ordering designation	Package contents	Sales pack quantity	Item number
DST 20-CA 3x400V PR	1x Sawing head DST 20-CA CE assy, 4x Rail support DS-RF-L, 50x Flush anchor HKD-D M12x50, 1x Remote control DST WRC-CA assy, 1x Coupler CEE 32A/400V/5P/6H, 1x Trolley assy, 1x Center section DS-BG 80, 1x Side section DS-BG 80, 1x Tool set DST-TS10/20	1 pc	2120300

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Accessories for Diamond Sawing Machines

		DST 10-CA	DST 20-CA		
Ordering designation				Sales pack quantity	Item number
Accessory kit DS-TS				1 pc	284805 ¹⁾
					
Double taper pin D-CO-ML For connecting two guide rails		■	■	1 pc	232241
					
Eccentric pin DD-EP-ML For connecting two guide rails, 2 pins required		■	■	1 pc	232244
					
Guide rail DS-R100-L		■	■	1 pc	284808
					
Guide rail DS-R200-L		■	■	1 pc	284809
					
Rail support DS-RF-L		■	■	1 pc	284814
					
Flush cutting flange DS-FCA-110		■	■	1 pc	258436
					
Center section DS-BG 80		■	■	1 pc	238002 ¹⁾
					
Center section DS-BG 120			■	1 pc	238004
					
Side section DS-BG 120 For normal cutting, contain 2 sections			■	1 pc	238005 ¹⁾
					
Side section DS-BG 80 For flush cutting, contain 2 sections		■	■	1 pc	238003 ¹⁾
					
Blade guard DS T-BG 160 For normal cutting, contain whole blade guard			■	1 pc	2064904
					
Blade guard DS T-BG 160S For flush cutting, contain whole blade guard			■	1 pc	256237
					
Center section DS-BGF 120			■	1 pc	238008 ¹⁾
					
Center section DS-BGF 80		■	■	1 pc	238006 ¹⁾
					
Side section DS-BGF 120 For flush cutting, contain 2 sections			■	1 pc	238009 ¹⁾
					
Side section DS-BGF 80 For flush cutting, contain 2 sections		■	■	1 pc	238007 ¹⁾
					

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Wire saw DS WS 15



APPLICATIONS

- Structural alteration of buildings – cuts openings of all kinds and almost any shape
- Sawing anything from heavily reinforced concrete to thickstonework
- Technical demolition of structural components (bridges, chimneys, foundations)
- Sawing in noise-sensitive locations

ADVANTAGES

- Up to 22 kW peak power and 15 kW effective continuous power rating with minimum water cooling – requires only a 32 A power supply
- Smooth, infinite adjustment of the drive speed from the control console
- Saw advance tension is easily adjustable at all times for maximum cutting performance
- Water flow on / off controllable from the control console
- High performance diamond wire in fixed working lengths
- Factory-fitted, quick-release couplings for greatly reduced coupling failure



Technical data

Mains frequency	50/60 Hz
IP protection class	IP 65 (EN 60529), IP 54 (IEC 529)
Weight - drive	266 kg
Dimensions (LxWxH) - drive	1560 x 790 x 920 mm
A-weighted emission sound pressure level ¹⁾	79 dB (A)
Min. cooling water supply rate	5 L/min
Min. generator power	40 kVA
Motor power S1	15 kW
Power source type	Electric
Rated voltage	400 V
Wire speed	0 - 27 m/s

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DS WS15 3x400V	1x Wire saw DS WS15 3x400V assy, 1x Tool set DS WS	1 pc	365429¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Wire saw DSW 3018-E



APPLICATIONS

- Structural alteration of buildings – cuts openings of all kinds and almost any shape
- Sawing anything from heavily reinforced concrete to thickstonework
- Technical demolition of structural components (bridges, chimneys, foundations)
- Sawing in noise-sensitive locations

ADVANTAGES

- Up to 22 kW peak power and 15 kW effective continuous power rating with minimum water cooling – requires only a 32 A power supply
- Smooth, infinite adjustment of the drive speed from the control console
- Saw advance tension is easily adjustable at all times for maximum cutting performance
- Water flow on / off controllable from the control console
- High performance diamond wire in fixed working lengths
- Factory-fitted, quick-release couplings for greatly reduced coupling failure



Technical data	
A-weighted emission sound pressure level ¹⁾	86.1 dB (A)
Dimensions (LxWxH) - drive	2360 x 1090 x 1230 mm
Guide wheel diameter	280 mm
IP protection class	IP 65 (EN 60529), IP 54 (IEC 529)
Min. cooling water supply rate	5 L/min
Min. generator power	80 kVA
Min. storage temperature	-15 °C
Motor power S1	30 kW
Nominal power	30 kW
Pin assignment	3P+PE
Power source type	3x400V/63A
Rated voltage	400 V

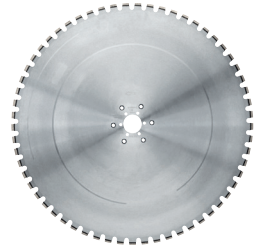
¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DSW 3018-E 3x400V	1x Wire saw DSW3018-E 3x400V kpl, 2x Single-pair pulley DSW-SPP 30, 1x Water supply long, 1x Water supply short, 2x Hose 10m assy, 1x Tool set DSW-TS30, 1x Coupler CEE 63A/400V/5P/6H	1 pc	2031881

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MCL blade - Premium



Technical data

Base materials	Concrete, soft to hard
Laser-welded segments	Yes
Type	Equidist

Ordering Designation	Number of segments	Diameter	Segment dimensions	Segment width	Sales pack quantity	Item number
DS-BT 600x4.8/60H MCL	45	600 mm	24 x 4.8 x 10 mm	4.8 mm	1 pc	2142240 ¹⁾
DS-BT 800x4.8/60H MCL+	65	800 mm	24 x 4.8 x 10 mm	4.8 mm	1 pc	2176812 ¹⁾
DS-BT 900x4.8/60H MCL	69	900 mm	24 x 4.8 x 10 mm	4.8 mm	1 pc	2142246 ¹⁾
DS-BT 1000x4.5/60H MCL	73	1000 mm	24 x 4.5 x 10 mm	4.5 mm	1 pc	2142247 ¹⁾
DS-BT 1200x4.5/60H MCL	86	1200 mm	24 x 4.5 x 10 mm	4.5 mm	1 pc	2142248 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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S1 SPX wire - Standard

CHARACTERISTICS

- Balance between life & cutting speed



Ordering Designation	Bead Ø (mm)	No. of Bead/m	Type	Wire length	Sales pack quantity	Item number
DS-W 10.5 SI SPX-M/H	10.5	40	Sintered	50 m	1 pc	2299887

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VB-SPX wire - Premium

CHARACTERISTICS

- Two diamond layers for highly reinforced concrete



Ordering Designation	Bead Ø (mm)	No. of Bead/m	Type	Wire length	Sales pack quantity	Item number
DS-W 10.5-50m VB SPX-H C&S	10.5	44	Vacuum brazed	50 m	1 pc	2305658 ¹⁾

¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.

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