



# Diamond Coring and Sawing

Hilti. Outperform. Outlast.



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Diamond Coring and Sawing

# UNMATCHED PERFORMANCE.

Not all diamond core bits are created equal, until now! Introducing the new H-Line Equidist core bits, featuring an optimized geometry coupled with evenly arranged diamonds. The result? More cutting tracks for optimal drilling performance from standard to very abrasive concretes. Breeze through the toughest jobs faster than ever before – even in heavily reinforced concrete up to pure steel plates.



## Equidist Diamond Core Bits



### Features

- Precisely positioned, evenly spaced diamonds
- One specification for all types of reinforced concrete
- Polycrystalline diamonds
- Innovative segment design
- Laser-welded segments



### Advantages

- Designed for universal use on all types of reinforced concrete
- Best cutting performance under difficult conditions, especially in concrete with a high steel content
- High performance over the entire life of the core bit
- Laser-welded segments for maximum ruggedness
- Pre-sharpened segments for easy, accurate hole-starting





## Hilti Equidist Core Bits + Hilti Coring Tools = Unmatched Performance



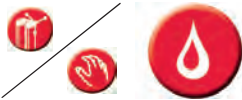
			
	<b>DD 200</b> 2.6 kW	<b>DD 350</b> 3.5 kW	<b>DD 500</b> 5.5 kW
<b>Hilti Equidist Core Bits</b>	✓	✓	✓

### Applications

- Anchor holes for rail fixings
- Anchor holes for rebar fixings
- Pipe penetrations for plumbing, heating and air conditioning installations
- Manhole openings
- Stitch coring for cable trays and ventilation ducts
- Concrete sample tests



## Diamond coring tool DD EC-1



### Key applications and advantages

- Drilling accurate anchor and through holes, 8 to 35 mm diameter
- Anchor setting with reduced noise level (renovation work in hospitals, commercial and residential buildings)
- Anchor setting with impact-free drilling (marble, natural stone, masonry, tiles)
- Efficient: Drills through reinforcing bars
- Versatile: Drills through various types of steel reinforced concrete, marble, etc.

### Technical data

<b>Number of gears</b>	1
<b>Rotation speed gear 1 under no load</b>	9200 rpm
<b>Drilling range - wet w/ stand - max.</b>	35 mm
<b>Drilling range - wet w/ stand - min.</b>	8 mm
<b>Drilling range - wet hand held - max.</b>	35 mm
<b>Drilling range - wet hand held - min.</b>	8 mm
<b>Drilling range</b>	hand-held wet: 8-35 mm, Rig-based wet: 8-35 mm
<b>Weight of complete system</b>	8 kg
<b>Chuck type</b>	DD-C
<b>A-weighted emission sound power level<sup>1)</sup></b>	95 dB (A)

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

Ordering designation	Package contents	Sales pack quantity	Item number
DD EC-1 110V GB	1x Diamond coring tool DD EC-1 110V GB, 1x Case	1 pc	336736
DD EC-1 230V CH	1x Diamond coring tool DD EC-1 230V CH, 1x Case	1 pc	336741
DD EC-1 230V EU1	1x Diamond coring tool DD EC-1 230V EU, 1x Case	1 pc	336739
DD EC-1 230V GB	1x Diamond coring tool DD EC-1 230V GB, 1x Case	1 pc	336742



**Diamond coring tool DD 120**



**Key applications and advantages**

- Installing pipes for sanitary, heating and air conditioning
- Installing water supply and waste water pipes
- Making openings for cable trays
- Exceptionally user-friendly thanks to self-explanatory features and controls
- Compact, lightweight unit for extremely easy handling

**Technical data**

<b>Number of gears</b>	2
<b>Rotation speed gear 1 under no load</b>	650 rpm
<b>Drilling range - wet w/ stand - max.</b>	162 mm
<b>Drilling range - wet w/ stand - min.</b>	16 mm
<b>Drilling range</b>	Rig-based wet: 16-162 mm
<b>Weight of complete system</b>	11 kg
<b>Chuck type</b>	BI+
<b>A-weighted emission sound power level<sup>1)</sup></b>	102 dB (A)
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	89 dB (A)
<b>Angular coring</b>	No

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

Ordering designation	Package contents	Sales pack quantity	Item number
<b>DD 120 110V</b>	1x Diamond coring tool DD 120 110V CEE 16A, 1x Allen wrench 4 / 6 kit, 1x Combination wrench 17 x 19, 1x Chuck BI+ assy, 1x Case	1 pc	<b>368447</b>
<b>DD 120 230V</b>	1x Diamond coring tool DD 120 230V, 1x Chuck BI+ assy	1 pc	<b>274927</b>



**Diamond coring tool DD 150-U**

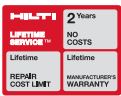


**Key applications and advantages**

- Rig-based wet drilling in concrete for pipe penetrations, cable trays and ducts and for the installation of railings and barriers
- Hand-guided wet drilling for setting large-diameter anchors and reinforcing bars
- Hand-guided dry drilling in masonry for pipe penetrations in plumbing, heating and air conditioning installations and for chimney and stove installation
- Wet and dry drilling with one tool in different base materials without need to change rig components
- High motor performance and sturdy three-speed gearing for optimum drilling speed

**Technical data**

<b>Number of gears</b>	3
<b>Rotation speed gear 1 under no load</b>	780 rpm
<b>Drilling range - wet w/ stand - max.</b>	162 mm
<b>Drilling range - wet w/ stand - min.</b>	12 mm
<b>Drilling range - wet hand held - max.</b>	131 mm
<b>Drilling range - wet hand held - min.</b>	8 mm
<b>Drilling range</b>	hand-held dry: 37-162 mm, hand-held wet: 8-131 mm, Rig-based wet: 12-162 mm
<b>Drilling range - dry - max.</b>	162 mm
<b>Drilling range - dry - min.</b>	37 mm
<b>Weight of complete system</b>	22 kg



Ordering designation	Package contents	Sales pack quantity	Item number
DD 150-U 110V	1x Diamond coring tool DD 150-U 110V, 1x Chuck BI+ assy, 1x Case	1 pc	433333
DD 150-U 220V	1x Diamond coring tool DD 150-U 220V, 1x Chuck BI+ assy, 1x Case	1 pc	2005134
DD 150-U 230V	1x Diamond coring tool DD 150-U 220V, 1x Chuck BI+ assy, 1x Case	1 pc	433321
DD 150-U 230V	1x Diamond coring tool DD 150-U 230V, 1x Chuck BI+ assy, 1x Case	1 pc	433323
DD 150-U 230V	1x Diamond coring tool DD 150-U 230V, 1x Chuck BI+ assy, 1x Case	1 pc	433331



**Diamond coring tool DD 160**



**Key applications and advantages**

- 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 and the installation of railings and barriers
- Exceptionally user-friendly thanks to self-explanatory features and controls
- Sturdy three-speed gearing for outstanding coring performance across the entire diameter range

**Technical data**

<b>Drill stand</b>	Base plate dimensions and system weight based on use of SFL stand
<b>Number of gears</b>	3
<b>Rotation speed gear 1 under no load</b>	420 rpm
<b>Drilling range - wet w/ stand - max.</b>	202 mm
<b>Drilling range - wet w/ stand - min.</b>	25 mm
<b>Drilling range</b>	Rig-based wet: 25-202 mm
<b>Weight of complete system</b>	16 kg
<b>Chuck type</b>	BI+
<b>A-weighted emission sound power level<sup>1)</sup></b>	106 dB (A)
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	93 dB (A)

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



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	2005225
DD 160 220V	1x Diamond coring tool DD 160 220V, 1x Chuck BI+ assy	1 pc	2005230
DD 160 230V	1x Diamond coring tool DD 160 230V, 1x Chuck BI+ assy	1 pc	2005223





## Diamond coring tool DD 200



### Key applications and advantages

- Making penetrations for ducts, pipes and cables
- Openings for ventilation
- Stitch drilling for breaches
- The power control LED helps new users to achieve the optimum rate of drilling progress and maximum core bit life
- Easy to handle, easy to understand and easy to operate

### Technical data

<b>Number of gears</b>	3
<b>Drilling range - wet w/ stand - max.</b>	400 mm
<b>Drilling range - wet w/ stand - min.</b>	25 mm
<b>Drilling range</b>	Rig-based wet: 25-400 mm
<b>Weight of complete system</b>	34 kg
<b>Chuck type</b>	BL
<b>A-weighted emission sound power level<sup>1)</sup></b>	105 dB (A)
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	92 dB (A)
<b>Angular coring</b>	Yes
<b>Base materials</b>	Concrete

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

Ordering designation	Package contents	Sales pack quantity	Item number
DD 200 BL 110V	1x Diamond coring tool DD 200 110V GB assy, 1x Chuck DD-C-BL assy	1 pc	<b>283491</b>
DD 200 230V	1x Diamond coring tool DD 200 230V GB assy, 1x Chuck DD-C-BL assy	1 pc	<b>202591</b>



**Diamond coring tool DD 350-CA**



**Key applications and advantages**

- Drilling through-holes and penetrations
- Blind holes for setting anchors or post-installed rebar
- Corner holes for sawing
- 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



**Technical data**

<b>Number of gears</b>	10
<b>Rotation speed gear 1 under no load</b>	667 rpm
<b>Rotation speed gear 10 under no load</b>	298 rpm
<b>Drilling range - wet w/ stand - max.</b>	500 mm
<b>Drilling range - wet w/ stand - min.</b>	52 mm
<b>Drilling range</b>	Rig-based wet: 52-500 mm
<b>Weight of complete system</b>	35 kg
<b>Chuck type</b>	BL
<b>A-weighted emission sound power level<sup>1)</sup></b>	108 dB (A)
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	95 dB (A)

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

Ordering designation	Package contents	Sales pack quantity	Item number
DD 350-CA BL 110V	1x Diamond coring tool DD 350-CA 110V assy, 1x Chuck DD-C-BL assy	1 pc	2095234
DD 350-CA BL 230V	1x Diamond coring tool DD 350-CA 230V assy, 1x Chuck DD-C-BL assy	1 pc	2095267



## Diamond coring tool DD 500-CA



### Key applications and advantages

- Drilling through-holes and penetrations
- Manhole openings
- Deep hole drilling
- 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

### Technical data

















<b>Number of gears</b>	10
<b>Rotation speed gear 1 under no load</b>	531 rpm
<b>Rotation speed gear 10 under no load</b>	265 rpm
<b>Drilling range - wet w/ stand - max.</b>	600 mm
<b>Drilling range - wet w/ stand - min.</b>	82 mm
<b>Drilling range</b>	Rig-based wet: 82-600 mm
<b>Weight of complete system</b>	37 kg
<b>Chuck type</b>	BL
<b>A-weighted emission sound power level<sup>1)</sup></b>	115 dB (A)
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	100 dB (A)

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

















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

**Accessories for Diamond Drilling Tools**

















Ordering designation		DD EC-1	DD 120	DD 150-U	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
<b>Jack screw DD-ST-150/160-JS</b> Accessory for bracing the DD-ST 150 and DD-ST 160 drill stands				■	■				1 pc	2007686
<b>Accessory kit DD M12 L</b> Accessories for fastening drill stands using M12 anchors (large spindle and nut)				■					1 pc	409279
<b>Accessory kit DD M16</b> Accessories for fastening drill stands using M16 anchors					■	■	■	■	1 pc	409303
<b>Autofeed unit DD AF-CA 110V</b>							■	■	1 pc	2095126
<b>Autofeed unit DD AF-CA 220-480V</b>							■	■	1 pc	2082528
<b>Blow-out pump</b>							■	■	1 pc	60579
<b>Connecting piece</b> Adapter for connecting water hoses to vacuum cleaners							■	■	1 pc	2040612
<b>Drilling stand DD-CR1</b> Drill stand for the DD EC-1		■							1 pc	376281
<b>Drilling stand DD-HD 30</b> Drill stand for the DD 200, DD 350 and DD 500						■	■	■	1 pc	305534
<b>Drilling stand DD-ST 150-U CTL</b> Drill stand with combined anchor and vacuum base plate and column, for angular coring at up to 45°				■					1 pc	435666
<b>Drilling stand DD-ST 160 CTL</b> Combined anchor and vacuum base plate, for angular coring at up to 45°					■				1 pc	435663
<b>Drilling stand DD-ST 160 SFL</b> Compact, light anchor baseplate, not suitable for angular coring					■				1 pc	435664
<b>Guide rail extension DD-HD30-XT30</b> 30 cm column extension for the DD-HD 30 drill stand						■	■	■	1 pc	285296
<b>Jack screw DD-CS M16</b> M16 clamping spindle for large base plates (total length 250 mm)							■	■	1 pc	337378
<b>Quick-locking nut DD-CN-SML</b> Flexible clamping nut for large base plates							■	■	1 pc	251834
<b>Sealing washer DD-SW-10/12-S</b>			■	■	■				1 pc	207304

Diamond Coring and Sawing

## Accessories for Diamond Drilling Tools







Ordering designation		DD EC-1	DD 120	DD 150-U	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
Sealing washer DD-SW-107/117-L						■	■	■	1 pc	207334
Sealing washer DD-SW-107/117-M			■	■	■	■	■	■	1 pc	207322
Sealing washer DD-SW-122/132-L						■	■	■	1 pc	207335
Sealing washer DD-SW-14/16-S			■	■	■				1 pc	207305
Sealing washer DD-SW-142/152-L						■	■	■	1 pc	207336
Sealing washer DD-SW-142/152-M			■	■	■	■	■	■	1 pc	207324
Sealing washer DD-SW-18/20-S			■	■	■				1 pc	207306
Sealing washer DD-SW-24/25-L						■	■	■	1 pc	207326
Sealing washer DD-SW-24/25-M			■	■	■	■	■	■	1 pc	207314
Sealing washer DD-SW-24/25-S			■	■	■				1 pc	207307
Sealing washer DD-SW-28/30-M			■	■	■	■	■	■	1 pc	207315
Sealing washer DD-SW-28/30-S			■	■	■				1 pc	207308
Sealing washer DD-SW-32-S			■	■	■				1 pc	207309
Sealing washer DD-SW-42-M			■	■	■	■	■	■	1 pc	207317

Accessories for Diamond Drilling Tools

		DD EC-1	DD 120	DD 150-U	DD 160	DD 200	DD 350-CA	DD 500-CA		
<b>Ordering designation</b>									<b>Sales pack quantity</b>	<b>Item number</b>
<b>Sealing washer DD-SW-42-S</b>			■	■	■				1 pc	207310
<b>Sealing washer DD-SW-47/56-M</b>			■	■	■	■	■	■	1 pc	207318
<b>Sealing washer DD-SW-62/72-S</b>			■	■	■				1 pc	207312
<b>Sealing washer DD-SW-8-S</b>			■	■	■				1 pc	207303
<b>Sealing washer DD-SW-92/102-M</b>			■	■	■	■	■	■	1 pc	207321
<b>Sharpening plate</b> For resharpening the diamond segments		■	■	■	■	■			1 pc	51343
<b>Sharpening plate DC-SE SP2</b> For resharpening the diamond segments		■							1 pc	314303
<b>Spacer DD-HD30-SP</b> Increases the drillable diameter range of the DD-HD 30 drill stand by 150 mm						■	■	■	1 pc	305539
<b>Vacuum baseplate DD-HD30-VBP</b> Vacuum pad for DD-HD 30 drill stand						■	■	■	1 pc	305538
<b>Vacuum baseplate DD-HD30-VBPP</b> Vacuum pad for drilling holes in pipes using the DD-HD 30 drill stand						■	■	■	1 pc	305944
<b>Vacuum baseplate DD-ST-VBP 120/160</b> Vacuum pad for DD-ST 120 and DD-ST 160 drill stands			■	■					1 pc	2027859
<b>Vacuum pump DD VP-U 110V</b>		■	■	■	■	■	■	■	1 pc	408996
<b>Vacuum pump DD VP-U 220V</b>		■	■	■	■	■	■	■	1 pc	2078860
<b>Vacuum pump DD VP-U 230V</b>		■	■	■	■	■	■	■	1 pc	408458
<b>Water collector holder DD-HD30-WCH</b> Water collector holder for the DD-HD 30 drill stand						■	■	■	1 pc	305536
<b>Water collector system DD-WMK-BI</b> Set of water collection accessories for use with the DD 120, DD 150-U and DD 160			■	■	■				1 pc	2040915

Diamond Coring and Sawing

## Accessories for Diamond Drilling Tools

Ordering designation	DD EC-1	DD 120	DD 150-U	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
<b>Water collector system DD-WMK-BL</b> Set of water collection accessories for use with the DD 200, DD 350 and DD 500 					■	■	■	1 pc	2040916
<b>Water dam DD-WC-ML</b> Water dam for diameters up to 252 mm 					■	■	■	1 pc	232243
<b>Water dam DD-WC-S</b> Water dam for diameters up to 87 mm 		■	■	■				1 pc	232204
<b>Water recycling unit DD REC-1 110V</b> 	■							1 pc	336745
<b>Water recycling unit DD REC-1 240V</b> 	■							1 pc	336751
<b>Water supply unit DWP 10</b> Water supply unit for diamond drilling and diamond cutting tools 	■	■	■	■	■	■	■	1 pc	365595

### Diamond core bit DD-C T2

#### Key applications and advantages

- Drilling accurate 8-35 mm diameter anchor and through holes
- Best performance on slightly to moderately abrasive types of steel-reinforced concrete, marble, sandstone and tiles
- Hilti quick-release connection lets you change core bits in seconds - no tools required (keyless system)
- Easy core removal through the rear end of the core bit



Ordering designation	Nominal diameter	Working length	Sales pack quantity	Item number
DD-C 8/70 T2	8 mm	70 mm	1 pc	336885
DD-C 10/150 T2	10 mm	150 mm	1 pc	336887
DD-C 12/150 T2	12 mm	150 mm	1 pc	336889
DD-C 14/150 T2	14 mm	150 mm	1 pc	336891
DD-C 15/150 T2	15 mm	150 mm	1 pc	336895
DD-C 16/150 T2	16 mm	150 mm	1 pc	336897
DD-C 16/300 T2	16 mm	300 mm	1 pc	336898
DD-C 18/150 T2	18 mm	150 mm	1 pc	336899
DD-C 18/300 T2	18 mm	300 mm	1 pc	336900
DD-C 24/300 T2	24 mm	300 mm	1 pc	336911
DD-C 25/300 T2	25 mm	300 mm	1 pc	336912
DD-C 28/300 T2	28 mm	300 mm	1 pc	336914
DD-C 30/300 T2	30 mm	300 mm	1 pc	336916
DD-C 35/300 T2	35 mm	300 mm	1 pc	336920

Diamond Coring and Sawing

### Diamond core bit DD-C T4

#### Key applications and advantages

- Drilling accurate 8-35 mm diameter anchor and through holes
- Best performance on medium to highly abrasive types of steel-reinforced concrete, marble, sandstone and tiles
- Hilti quick-release connection lets you change core bits in seconds - no tools required (keyless system)
- Easy core removal through the rear end of the core bit



Ordering designation	Nominal diameter	Working length	Sales pack quantity	Item number
DD-C 14/150 T4	14 mm	150 mm	1 pc	336855
DD-C 15/150 T4	15 mm	150 mm	1 pc	336859
DD-C 16/150 T4	16 mm	150 mm	1 pc	336861
DD-C 16/300 T4	16 mm	300 mm	1 pc	336862
DD-C 18/300 T4	18 mm	300 mm	1 pc	336864
DD-C 18/600 T4	18 mm	600 mm	1 pc	301192
DD-C 20/300 T4	20 mm	300 mm	1 pc	336870
DD-C 20/600 T4	20 mm	600 mm	1 pc	301194
DD-C 22/300 T4	22 mm	300 mm	1 pc	336873
DD-C 24/300 T4	24 mm	300 mm	1 pc	336875
DD-C 25/300 T4	25 mm	300 mm	1 pc	336876
DD-C 25/600 T4	25 mm	600 mm	1 pc	301199
DD-C 28/300 T4	28 mm	300 mm	1 pc	336878
DD-C 30/300 T4	30 mm	300 mm	1 pc	336880
DD-C 30/600 T4	30 mm	600 mm	1 pc	301203
DD-C 32/300 T4	32 mm	300 mm	1 pc	336881
DD-C 35/300 T4	35 mm	300 mm	1 pc	336884

### Connection end DD



Ordering designation	Connection end	Sales pack quantity	Item number
BI-1	BI+	1 pc	236120
DD-BL	BL	1 pc	305542
BR-1	BR	1 pc	236121



Ordering designation	Connection end	Sales pack quantity	Item number
DD-BS	BS - 1 1/4"	12 pc	286794
BU-1	BU	1 pc	236122

## Diamond core bit DD B 320 LCL

### Key applications and advantages

- Wet coring in reinforced concrete and natural stone using rig-based drilling systems
- Provides easy-to-install (without any welding), absolutely reliable solutions for industrial installations (e.g. pharmaceutical, chemical, refineries, power plants, etc.)
- Hilti BI+ quick-release connection lets you change core bits in seconds - no tools required (keyless system)
- Lower costs thanks to the unique Hilti change module system



Ordering designation	Nominal diameter	Sales pack quantity	Item number
DD B 35/320 LCL	35 mm	1 pc	2098127
DD B 37/320 LCL	37 mm	1 pc	2098128
DD B 40/320 LCL	40 mm	1 pc	2098129
DD B 42/320 LCL	42 mm	1 pc	2098130
DD B 47/320 LCL	47 mm	1 pc	2098131

## Diamond core bit DD B 430 LCL

### Key applications and advantages

- Wet coring in reinforced concrete and natural stone using rig-based drilling systems
- Provides easy-to-install (without any welding), absolutely reliable solutions for industrial installations (e.g. pharmaceutical, chemical, refineries, power plants, etc.)
- Hilti BI+ quick-release connection lets you change core bits in seconds - no tools required (keyless system)
- Lower costs thanks to the unique Hilti change module system



Ordering designation	Nominal diameter	Sales pack quantity	Item number
DD B 35/430+ LCL	35 mm	1 pc	2098132
DD B 37/430+ LCL	37 mm	1 pc	2098133
DD B 40/430+ LCL	40 mm	1 pc	2098134
DD B 42/430+ LCL	42 mm	1 pc	2098135
DD B 47/430+ LCL	47 mm	1 pc	2098136

## Diamond core bit DD-BI LCL 320

### Key applications and advantages

- Wet coring in reinforced abrasive concrete and natural stone using rig-based drilling systems
- Wet coring in the 12 - 162 mm diameter range in reinforced concrete and natural stone using rig-based drilling systems
- The new Hilti X-Change module (52 mm diameter and larger) lets you re-tip core bits right on the jobsite in just a few minutes, using only a simple screwdriver
- Save 50% space and 50% weight - thanks to Hilti X-Change modules, all the diameters you need fit into a lightweight and convenient Hilti soft bag



Ordering designation	Segment dimensions	Segment length	Sales pack quantity	Item number
DD-BI 12/320 LCL	12 x 2 x 8 mm	12 mm	1 pc	2097879
DD-BI 14/320 LCL	14 x 2 x 8 mm	14 mm	1 pc	2098111
DD-BI 16/320 LCL	16 x 2 x 8 mm	16 mm	1 pc	2098113
DD-BI 18/320 LCL	18 x 2 x 8 mm	18 mm	1 pc	2098114
DD-BI 20/320 LCL	20 x 2 x 8 mm	20 mm	1 pc	2098116
DD-BI 22/320 LCL	22 x 2 x 8 mm	22 mm	1 pc	2098118
DD-BI 24/320 LCL	24 x 2 x 8 mm	24 mm	1 pc	2098119
DD-BI 25/320 LCL	25 x 2 x 8 mm	25 mm	1 pc	2098120
DD-BI 28/320 LCL	28 x 2 x 8 mm	28 mm	1 pc	2098122
DD-BI 30/320 LCL	30 x 2 x 8 mm	30 mm	1 pc	2098124
DD-BI 32/320 LCL	32 x 2 x 8 mm	32 mm	1 pc	2098125

### X-Change barrel DD-BI X-CM barrel 320

#### Key applications and advantages

- Hand-held dry diamond drilling in masonry
- Wet coring in reinforced concrete and natural stone using rig-based drilling systems
- Unmatched flexibility: pick and mix your ring specifications and turn your X-Change module barrel into a dedicated dry core bit for masonry or a dedicated wet core bit for concrete right on the jobsite in just a few minutes – a simple screwdriver is all you need
- Hilti BI+ quick-release connection lets you change core bits in seconds – no tools required (keyless system)



Ordering designation	Nominal diameter	Sales pack quantity	Item number
DD-BI 52/320	52 mm	1 pc	2088662
DD-BI 57/320	57 mm	1 pc	2088663
DD-BI 62/320	62 mm	1 pc	2088664
DD-BI 67/320	67 mm	1 pc	2088665
DD-BI 72/320	72 mm	1 pc	2088666
DD-BI 77/320	77 mm	1 pc	2088667
DD-BI 82/320	82 mm	1 pc	2088668
DD-BI 87/320	87 mm	1 pc	2096528
DD-BI 92/320	92 mm	1 pc	2088669
DD-BI 102/320	102 mm	1 pc	2088670
DD-BI 107/320	107 mm	1 pc	2088671
DD-BI 112/320	112 mm	1 pc	2088672
DD-BI 122/320	122 mm	1 pc	2088673
DD-BI 132/320	132 mm	1 pc	2088674
DD-BI 142/320	142 mm	1 pc	2088675
DD-BI 152/320	152 mm	1 pc	2088676
DD-BI 162/320	162 mm	1 pc	2088677

Diamond Coring and Sawing

### X-Change barrel DD-BI X-CM barrel 430

#### Key applications and advantages

- Unmatched flexibility: pick and mix your ring specifications and turn your X-Change module barrel into a dedicated dry core bit for masonry or a dedicated wet core bit for concrete right on the jobsite in just a few minutes – a simple screwdriver is all you need



Ordering designation	Nominal diameter	Sales pack quantity	Item number
DD-BI 52/430	52 mm	1 pc	2088554
DD-BI 57/430	57 mm	1 pc	2088555
DD-BI 62/430	62 mm	1 pc	2088556
DD-BI 67/430	67 mm	1 pc	2088557
DD-BI 72/430	72 mm	1 pc	2088558
DD-BI 77/430	77 mm	1 pc	2088559
DD-BI 82/430	82 mm	1 pc	2088650
DD-BI 87/430	87 mm	1 pc	2088651
DD-BI 92/430	92 mm	1 pc	2088652
DD-BI 102/430	102 mm	1 pc	2088653
DD-BI 112/430	112 mm	1 pc	2088654
DD-BI 122/430	122 mm	1 pc	2088655
DD-BI 132/430	132 mm	1 pc	2088656
DD-BI 142/430	142 mm	1 pc	2088657
DD-BI 152/430	152 mm	1 pc	2088658
DD-BI 162/430	162 mm	1 pc	2088659
DD-BI 182/430	182 mm	1 pc	2088660
DD-BI 202/430	202 mm	1 pc	2088661

## X-Change module DD X-CM LCL

### Key applications and advantages

- Wet coring in reinforced abrasive concrete and natural stone using rig-based drilling systems
- Wet coring in the 52 - 202 mm diameter range in reinforced concrete and natural stone using rig-based drilling systems
- The new Hilti X-Change module (52 mm diameter and larger) lets you re-tip core bits right on the jobsite in just a few minutes, using only a simple screwdriver
- Save 50% space and 50% weight: thanks to Hilti X-Change modules you can fit all the diameters you need into a light-weight and convenient Hilti soft bag



Ordering designation	Nominal diameter	Number of segments	Segment dimensions	Sales pack quantity	Item number
DD-X 52 LCL	52 mm	4	24 x 3.5 x 8 mm	1 pc	2088516
DD-X 57 LCL	57 mm	4	24 x 3.5 x 8 mm	1 pc	2088517
DD-X 62 LCL	62 mm	5	24 x 3.5 x 8 mm	1 pc	2088518
DD-X 67 LCL	67 mm	5	24 x 3.5 x 8 mm	1 pc	2088519
DD-X 72 LCL	72 mm	6	24 x 3.5 x 8 mm	1 pc	2088700
DD-X 77 LCL	77 mm	6	24 x 3.5 x 8 mm	1 pc	2088701
DD-X 82 LCL	82 mm	7	24 x 3.5 x 8 mm	1 pc	2088702
DD-X 87 LCL	87 mm	8	24 x 3.5 x 8 mm	1 pc	2088703
DD-X 92 LCL	92 mm	8	24 x 3.5 x 8 mm	1 pc	2088704
DD-X 102 LCL	102 mm	9	24 x 3.5 x 8 mm	1 pc	2088705
DD-X 107 LCL	107 mm	9	24 x 3.5 x 8 mm	1 pc	2088706
DD-X 112 LCL	112 mm	9	24 x 3.5 x 8 mm	1 pc	2088707
DD-X 122 LCL	122 mm	10	24 x 3.5 x 8 mm	1 pc	2088708
DD-X 132 LCL	132 mm	12	24 x 3.8 x 8 mm	1 pc	2088709
DD-X 142 LCL	142 mm	12	24 x 3.8 x 8 mm	1 pc	2088710
DD-X 152 LCL	152 mm	13	24 x 3.8 x 8 mm	1 pc	2088711
DD-X 162 LCL	162 mm	13	24 x 3.8 x 8 mm	1 pc	2088712
DD-X 182 LCL	182 mm	13	24 x 4 x 8 mm	1 pc	2088713
DD-X 202 LCL	202 mm	14	24 x 4 x 8 mm	1 pc	2088714

## X-Change module accessories X-CM accessories

Ordering designation	Sales pack quantity	Item number
Screw driver S-SD SL1,2 x 7,0	1 pc	2039278
Toolbag X-Change soft	1 pc	2099972
Bit box DD-X-CM-BOX	1 pc	2116448

## Equidist diamond core bit DD-B HCL

### Key applications and advantages

- Coring in the 35-600 mm diameter range in reinforced concrete
- Equidist technology, featuring precisely positioned, evenly spaced diamonds for a high-performance segment matrix
- Designed for universal use on all types of reinforced concrete



Ordering designation	Nominal diameter	Working length	Change module	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DD-B 35 / 430 + HCL	35 mm	430 mm	Yes	3	24 x 3.2 x 10 mm	3 mm	1 pc	2090011
DD-B 37 / 430 + HCL	37 mm	430 mm	Yes	3	24 x 3.2 x 10 mm	3 mm	1 pc	2090012
DD-B 40 / 430 + HCL	40 mm	430 mm	Yes	3	24 x 3.2 x 10 mm	3 mm	1 pc	2090013
DD-B 42 / 430 + HCL	42 mm	430 mm	Yes	3	24 x 3.2 x 10 mm	3 mm	1 pc	2090014
DD-B 47 / 430 + HCL	47 mm	430 mm	Yes	4	24 x 3.2 x 10 mm	3 mm	1 pc	2090015
DD-B 52 / 430 + HCL	52 mm	430 mm	Yes	4	24 x 3.6 x 10 mm	4 mm	1 pc	2090016

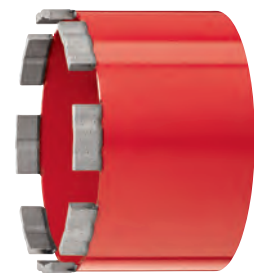
Ordering designation	Nominal diameter	Working length	Change module	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DD-B 57 / 430 + HCL	57 mm	430 mm	Yes	4	24 x 3.6 x 10 mm	4 mm	1 pc	2090017
DD-B 62 / 430 + HCL	62 mm	430 mm	Yes	5	24 x 3.6 x 10 mm	4 mm	1 pc	2090018
DD-B 67 / 430 + HCL	67 mm	430 mm	Yes	5	24 x 3.6 x 10 mm	4 mm	1 pc	2090019
DD-B 72 / 430 + HCL	72 mm	430 mm	Yes	6	24 x 3.6 x 10 mm	4 mm	1 pc	2090020
DD-B 77 / 430 + HCL	77 mm	430 mm	Yes	6	24 x 3.6 x 10 mm	4 mm	1 pc	2090021
DD-B 82 / 430 + HCL	82 mm	430 mm	Yes	7	24 x 3.6 x 10 mm	4 mm	1 pc	2090022
DD-B 87 / 430 + HCL	87 mm	430 mm	Yes	7	24 x 3.6 x 10 mm	4 mm	1 pc	2090023
DD-B 92 / 430 + HCL	92 mm	430 mm	Yes	7	24 x 3.6 x 10 mm	4 mm	1 pc	2090024
DD-B 102 / 430 + HCL	102 mm	430 mm	Yes	8	24 x 3.6 x 10 mm	4 mm	1 pc	2090025
DD-B 107 / 430 + HCL	107 mm	430 mm	Yes	8	24 x 3.6 x 10 mm	4 mm	1 pc	2090026
DD-B 112 / 430 + HCL	112 mm	430 mm	Yes	8	24 x 3.6 x 10 mm	4 mm	1 pc	2090027
DD-B 122 / 430 + HCL	122 mm	430 mm	Yes	9	24 x 3.6 x 10 mm	4 mm	1 pc	2090028
DD-B 132 / 430 + HCL	132 mm	430 mm	Yes	11	24 x 4.1 x 10 mm	4 mm	1 pc	2090029
DD-B 142 / 430 + HCL	142 mm	430 mm	Yes	11	24 x 4.1 x 10 mm	4 mm	1 pc	2090030
DD-B 152 / 430 + HCL	152 mm	430 mm	Yes	12	24 x 4.1 x 10 mm	4 mm	1 pc	2090031
DD-B 162 / 430 + HCL	162 mm	430 mm	Yes	12	24 x 4.1 x 10 mm	4 mm	1 pc	2090032
DD-B 172 / 430 + HCL	172 mm	430 mm	Yes	13	24 x 4.1 x 10 mm	4 mm	1 pc	2090033
DD-B 182 / 430 + HCL	182 mm	430 mm	Yes	13	24 x 4.1 x 10 mm	4 mm	1 pc	2090034
DD-B 202 / 430 + HCL	202 mm	430 mm	Yes	14	24 x 4.1 x 10 mm	4 mm	1 pc	2090035
DD-B 225 / 430 + HCL	225 mm	430 mm	Yes	4	24 x 17 x 10 mm	17 mm	1 pc	2090036
DD-B 250 / 430 + HCL	250 mm	430 mm	Yes	4	24 x 17 x 10 mm	17 mm	1 pc	2090037
DD-B 450 / 450 HCL	450 mm	450 mm	No	24	24 x 4.5 x 10 mm	5 mm	1 pc	2090093
DD-B 600 / 450 HCL	600 mm	450 mm	No	30	24 x 4.5 x 10 mm	5 mm	1 pc	2090095

Diamond Coring and Sawing

**Equidist change module DD-CM HCL**

**Key applications and advantages**

- Coring in reinforced concrete 35 - 250 mm diameter
- Equidist technology, featuring precisely positioned, evenly spaced diamonds for a high-performance segment matrix
- Designed for universal use on all types of reinforced concrete



Ordering designation	Nominal diameter	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DD-CM 35 HCL	35 mm	3	24 x 3.2 x 10 mm	3 mm	1 pc	2089814
DD-CM 37 HCL	37 mm	3	24 x 3.2 x 10 mm	3 mm	1 pc	2089815
DD-CM 40 HCL	40 mm	3	24 x 3.2 x 10 mm	3 mm	1 pc	2089816
DD-CM 42 HCL	42 mm	3	24 x 3.2 x 10 mm	3 mm	1 pc	2089817
DD-CM 47 HCL	47 mm	4	24 x 3.6 x 10 mm	4 mm	1 pc	2089818
DD-CM 52 HCL	52 mm	4	24 x 3.6 x 10 mm	4 mm	1 pc	2089819
DD-CM 57 HCL	57 mm	4	24 x 3.6 x 10 mm	4 mm	1 pc	2089820
DD-CM 62 HCL	62 mm	5	24 x 3.6 x 10 mm	4 mm	1 pc	2089821
DD-CM 67 HCL	67 mm	5	24 x 3.6 x 10 mm	4 mm	1 pc	2089822
DD-CM 72 HCL	72 mm	6	24 x 3.6 x 10 mm	4 mm	1 pc	2089823
DD-CM 77 HCL	77 mm	6	24 x 3.6 x 10 mm	4 mm	1 pc	2089824
DD-CM 82 HCL	82 mm	7	24 x 3.6 x 10 mm	4 mm	1 pc	2089825
DD-CM 87 HCL	87 mm	7	24 x 3.6 x 10 mm	4 mm	1 pc	2089826
DD-CM 92 HCL	92 mm	7	24 x 3.6 x 10 mm	4 mm	1 pc	2089827
DD-CM 102 HCL	102 mm	8	24 x 3.6 x 10 mm	4 mm	1 pc	2089828

Ordering designation	Nominal diameter	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DD-CM 107 HCL	107 mm	8	24 x 3.6 x 10 mm	4 mm	1 pc	2089829
DD-CM 112 HCL	112 mm	8	24 x 3.6 x 10 mm	4 mm	1 pc	2089830
DD-CM 122 HCL	122 mm	9	24 x 3.6 x 10 mm	4 mm	1 pc	2089831
DD-CM 132 HCL	132 mm	11	24 x 4.1 x 10 mm	4 mm	1 pc	2089832
DD-CM 142 HCL	142 mm	11	24 x 4.1 x 10 mm	4 mm	1 pc	2089833
DD-CM 152 HCL	152 mm	12	24 x 4.1 x 10 mm	4 mm	1 pc	2089834
DD-CM 162 HCL	162 mm	12	24 x 4.1 x 10 mm	4 mm	1 pc	2089835
DD-CM 172 HCL	172 mm	13	24 x 4.1 x 10 mm	4 mm	1 pc	2089836
DD-CM 182 HCL	182 mm	13	24 x 4.1 x 10 mm	4 mm	1 pc	2089837
DD-CM 202 HCL	202 mm	14	24 x 4.1 x 10 mm	4 mm	1 pc	2089838
DD-CM 225 HCL	225 mm	17	24 x 4.5 x 10 mm	5 mm	1 pc	2089839
DD-CM 250 HCL	250 mm	17	24 x 4.5 x 10 mm	5 mm	1 pc	2089840

## Diamond core bit DD-BI+ UCL

### Key applications and advantages

- UCL (universal concrete lifetime) long-life core bit for universal use on concrete
- Coring in reinforced concrete 12 - 200 mm diameter
- Only wet drilling (with water cooling)
- Superior lifetime thanks to 12 mm diamond segment height
- High concentration of diamonds for good drilling speed



Ordering designation	Sales pack quantity	Item number
DD-BI+ 12/320 UCL	1 pc	2080053
DD-BI+ 14/320 UCL	1 pc	2080054
DD-BI+ 16/320 UCL	1 pc	2080055
DD-BI+ 18/320 UCL	1 pc	2080056
DD-BI+ 20/320 UCL	1 pc	2080057
DD-BI+ 22/320 UCL	1 pc	2080058
DD-BI+ 24/320 UCL	1 pc	2080059
DD-BI+ 25/320 UCL	1 pc	2080130
DD-BI+ 28/320 UCL	1 pc	2080131
DD-BI+ 30/320 UCL	1 pc	2080132
DD-BI+ 32/320 UCL	1 pc	2080133

## Diamond core bit DD-B UCL



Ordering designation	Number of segments	Segment dimensions	Sales pack quantity	Item number
DD-B 225/430 UCL	17	24 x 4.5 x 12 mm	1 pc	2078090
DD-B 250/430 UCL	17	24 x 4.5 x 12 mm	1 pc	2078091
DD-B 300/430 UCL	18	24 x 5 x 12 mm	1 pc	2078092

## Diamond core bit DD-B UCL

### Key applications and advantages

- Coring in reinforced concrete 52 - 202 mm diameter
- Only rig-based drilling
- Only wet drilling (with water cooling)
- Superior lifetime thanks to 12 mm diamond segment height
- High concentration of diamonds for good drilling speed



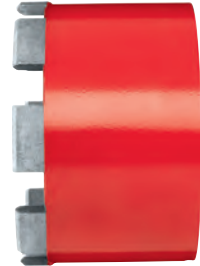
Ordering designation	Number of segments	Segment dimensions	Segment length	Segment width	Sales pack quantity	Item number
DD-B 52/430+ UCL	5	21 x 3.2 x 12 mm	21 mm	3 mm	1 pc	2077744
DD-B 62/430+ UCL	5	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2077745
DD-B 72/430+ UCL	6	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2077746
DD-B 77/430+ UCL	6	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2077747
DD-B 82/430+ UCL	8	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2077748
DD-B 92/430+ UCL	8	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2077749
DD-B 102/430+ UCL	8	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078060
DD-B 107/430+ UCL	9	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078061
DD-B 112/430+ UCL	9	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078062
DD-B 122/430+ UCL	10	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078063
DD-B 127/430+ UCL	10	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078064

Ordering designation	Number of segments	Segment dimensions	Segment length	Segment width	Sales pack quantity	Item number
DD-B 132/430+ UCL	11	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078065
DD-B 152/430+ UCL	12	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078066
DD-B 162/430+ UCL	12	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078067
DD-B 172/430+ UCL	13	24 x 4 x 12 mm	24 mm	4 mm	1 pc	2078068
DD-B 202/430+ UCL	16	24 x 4 x 12 mm	24 mm	4 mm	1 pc	2078069

**Change module for diamond core bit DD-CM UCL**

**Key applications and advantages**

- Coring in reinforced concrete
- Retipping UCL core bits in the 50-202 mm diameter range
- UCL (universal concrete lifetime) long-life diamond core bit change module for universal use on concrete
- Superior lifetime thanks to 12 mm diamond segment height
- High concentration of diamonds for good drilling speed



Ordering designation	Number of segments	Segment dimensions	Segment length	Segment width	Sales pack quantity	Item number
DD-CM 52 UCL	5	21 x 3.2 x 12 mm	21 mm	3 mm	1 pc	2077769
DD-CM 72 UCL	6	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078101
DD-CM 77 UCL	6	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078102
DD-CM 82 UCL	8	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078103
DD-CM 92 UCL	8	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078104
DD-CM 102 UCL	8	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078105
DD-CM 107 UCL	9	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078106
DD-CM 112 UCL	9	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078107
DD-CM 122 UCL	10	24 x 3.5 x 12 mm	24 mm	4 mm	1 pc	2078108
DD-CM 127 UCL	10	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078109
DD-CM 132 UCL	11	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078110
DD-CM 152 UCL	12	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078111
DD-CM 162 UCL	12	24 x 3.8 x 12 mm	24 mm	4 mm	1 pc	2078112
DD-CM 202 UCL	16	24 x 4 x 12 mm	24 mm	4 mm	1 pc	2078114



## Wall saw DST 10-CA



### Key applications and advantages

- 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
- Extremely compact, easy to handle and transport and quick to set up thanks to integrated control electronics
- Unique: Cutting depth is shown in real time in the display on the remote control unit

### Technical data

<b>A-weighted emission sound pressure level<sup>1)</sup></b>	114.5 dB (A)
<b>Dimensions (Lx-WxH) - drive</b>	365 x 400 x 350 mm
<b>IP protection class</b>	IP 65
<b>Min. cooling water supply rate</b>	2 l/min
<b>Min. generator power</b>	20 kVA
<b>Motor power S1</b>	9 kW
<b>Nominal power</b>	11 kW
<b>Pin assignment</b>	3P+PE
<b>Rated voltage</b>	400 V
<b>Remote control</b>	Wireless

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

Ordering designation	Package contents	Sales pack quantity	Item number
<b>DST 10-CA 3x400V EC</b>	1x Sawing head DST 10-CA CE assy, 1x Remote control DST WRC-CA assy, 1x Coupler CEE 16A/400V/5P/6H	1 pc	<b>2052114</b>
<b>DST 10-CA 3x400V PR</b>	1x Sawing head DST 10-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 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	<b>2052107</b>



**Wall saw DS TS20-E**



**Key applications and advantages**

- Cutting and extending openings for doors, windows and walls
- Controlled demolition in renovation
- Correcting facades, partition walls, etc.
- Best-in-class cutting performance at depths of up to 53 cm / 21" thanks to efficient electric drive, traction control and smooth, stepless speed control
- User-friendly remote control with clear, easily-read display and fault diagnosis system

**Technical data**

<b>A-weighted emission sound pressure level<sup>1)</sup></b>	100.3 dB (A)
<b>Dimensions (Lx-WxH) - drive</b>	375 x 440 x 320 mm
<b>IP protection class</b>	IP 65 (EN 60529)
<b>Min. cooling water supply rate</b>	4 l/min
<b>Min. generator power</b>	40 kVA
<b>Min. storage temperature</b>	-15 °C
<b>Motor power S1</b>	15 kW
<b>Nominal power</b>	19 kW
<b>Power source type</b>	Electric
<b>Remote control</b>	Electric

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

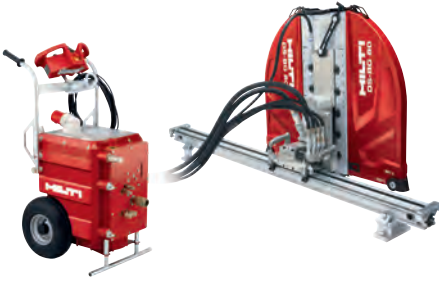


Ordering designation	Package contents	Sales pack quantity	Item number
<b>DS TS20-E 1.6 3x400V</b>	1x Sawing head DS TS20-E 1.6, 1x Hose 10M assy, 50x Flush anchor HKD-D M12x50, 1x Electro box DS EB-TS20-E assy, 1x Remote control DS RC-TS20, 1x Trolley Saege assy, 1x Coupler CEE 32A/400V/5P/6H, 1x Power cable DS TS20-E 10m assy, 1x Tool set DS TS	1 pc	<b>2064901</b>





**Wall saw DS TS 32 / D-LP 32**



**Key applications and advantages**

- Cutouts and breaches for doors, windows, ducts and shafts
- Controlled demolition and renovation
- Wall sawing, wire sawing and large-diameter hydraulic coring
- Rugged and durable saw system based on well-proven technology
- Certified and listed by independent testing authority

**Technical data**

<b>A-weighted emission sound pressure level<sup>1)</sup></b>	90 dB (A)
<b>Dimensions (Lx-WxH) - drive</b>	510 x 380 x 400 mm
<b>IP protection class</b>	IP 44
<b>Max. operating pressure</b>	200 bar
<b>Min. cooling water supply rate</b>	5 l/min
<b>Min. generator power</b>	60 kVA
<b>Min. storage temperature</b>	-15 °C
<b>Motor power S1</b>	32 kW
<b>Nominal power</b>	43 kW
<b>Oil flow rate - max</b>	100 l/min

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

Ordering designation	Package contents	Sales pack quantity	Item number
<b>DS TS32 LP 32 60Hz.</b>	1x Sawing head TS32 54, 2x Hose DS-PH34-10, 1x Hose DD-FH4/14-10 set, 4x Rail support DS-RF-L, 1x Hydraulic power unit LP 32 60HZ, 1x Remote control D RC-LP32, 1x Center section DS-BG 80, 1x Side section DS-BG 80, 1x Coupler CEE 63A/400V/5P/6H, 1x Tool set DS-LP32/TS32	1 pc	<b>370725</b>
<b>DS TS32 LP32 3x400V</b>	1x Sawing head TS32 54, 2x Hose DS-PH34-10, 1x Hose DD-FH4/14-10 set, 4x Rail support DS-RF-L, 1x Hydraulic power unit LP 32 400V, 1x Remote control D RC-LP32, 1x Side section DS-BG 80, 1x Center section DS-BG 80, 1x Coupler CEE 63A/400V/5P/6H, 1x Tool set DS-LP32/TS32	1 pc	<b>39122</b>



**Saw head DS TS 32**



**Key applications and advantages**

- Wall sawing with the D-LP 32
- Wire sawing with the DS WSS 30
- Very robust and durable system
- Auto-pivoting blade guard holder

**Technical data**

<b>Dimensions (Lx-WxH) - drive</b>	510 x 380 x 400 mm
<b>Drive unit</b>	Hilti D-LP32 hydraulic power unit
<b>Max. operating pressure</b>	200 bar
<b>Min. cooling water supply rate</b>	1 l/min
<b>Min. storage temperature</b>	-15 °C
<b>Oil flow rate - max</b>	100 l/min
<b>Oil flow rate - min</b>	30 l/min
<b>Power source type</b>	Hydraulic
<b>Saw blade diameter - max.</b>	1600 mm
<b>Saw blade diameter - min.</b>	600 mm

Diamond Coring and Sawing

Ordering designation	Package contents	Sales pack quantity	Item number
DS TS32 54CM3	1x Sawing head TS32 54	1 pc	369315



**Hydraulic power unit D LP 32**



**Key applications and advantages**

- Wall sawing with the DS TS 32
- Wire sawing with the DS WS10 or DS WSS 30
- Hydraulic drilling with the DD 750 HY
- Steplessly adjustable oil flow
- Electric remote control

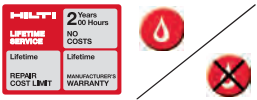
**Technical data**

<b>IP protection class</b>	IP 44
<b>Max. operating pressure</b>	210 bar
<b>Min. cooling water supply rate</b>	5 l/min
<b>Min. generator power</b>	60 kVA
<b>Min. storage temperature</b>	-15 °C
<b>Motor power S1</b>	32 kW
<b>Nominal power</b>	32 kW
<b>Oil flow rate - max</b>	100 l/min
<b>Oil flow rate - min</b>	30 l/min
<b>Pin assignment</b>	3P+PE

Ordering designation	Sales pack quantity	Item number
LP 32 400V 50HZ	1 pc	369313



## Wire saw DS WS 15



### Key applications and advantages

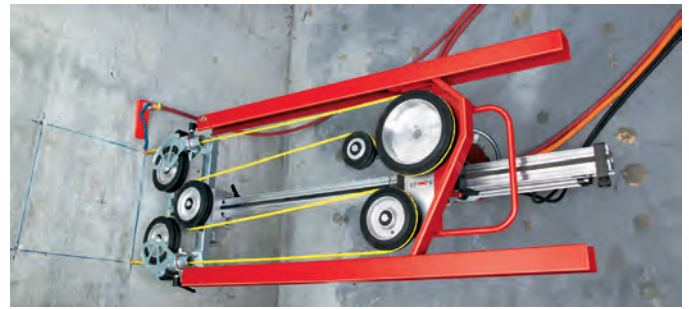
- Structural alteration of buildings – cuts openings of all kinds and almost any shape
- Sawing anything from heavily reinforced concrete to thick stonework
- Technical demolition of structural components (bridges, chimneys, foundations)
- Up to 22 kW peak power and 15 kW effective continuous power rating with minimum water cooling – requires only a 32 A power supply
- Smooth, infinite adjustment of the drive speed from the control console

### Technical data

<b>A-weighted emission sound pressure level<sup>1)</sup></b>	79 dB (A)
<b>Dimensions (Lx-WxH) - drive</b>	1560 x 790 x 920 mm
<b>IP protection class</b>	IP 65 (EN 60529), IP 54 (IEC 529)
<b>Min. cooling water supply rate</b>	5 l/min
<b>Min. generator power</b>	40 kVA
<b>Min. storage temperature</b>	-20 °C
<b>Motor power S1</b>	15 kW
<b>Nominal power</b>	15 kW
<b>Pin assignment</b>	3P+PE
<b>Power source type</b>	Electric

<sup>1)</sup> 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	365429



**Wire saw DS WS 10**



**Key applications and advantages**

- Cutting openings and widening existing openings for doors and windows in concrete and masonry
- Small openings for air conditioning ducts
- Cutting through reinforced concrete columns etc.
- Handy and light
- The smallest, lightest Hilti wire saw

**Technical data**

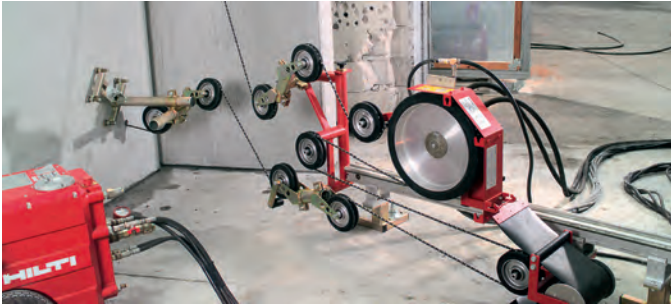
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	83.5 dB (A)
<b>Dimensions (Lx-WxH) - drive</b>	536 x 705 x 1225 mm
<b>Dimensions (Lx-WxH)- control unit</b>	550 x 265 x 520 mm
<b>Drive unit</b>	D-LP15/D-LP32 hydraulic power unit
<b>Drive wheel diameter</b>	280
<b>Guide wheel diameter</b>	200 mm
<b>IP protection class</b>	IP 65 (EN 60529)
<b>Max. operating pressure</b>	210 bar
<b>Min. storage temperature</b>	-20 °C
<b>Motor power S1</b>	10 kW

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



Diamond Coring and Sawing

Ordering designation	Package contents	Sales pack quantity	Item number
DS WS10 kit	1x Wire saw DS WS10 assy, 1x Assembly tool 1/2", 1x Tool set DS WS	1 pc	376766



## Wire saw DS WSS30



### Key applications and advantages

- Technical demolition of large structural components (bridges, chimneys, foundations...)
- Structural alteration of buildings
- Sawing applications in surroundings sensitive to noise
- Quick adaptation of the powerful Hilti D-LP32/DS-TS32 wall saw
- Very smooth and easy starting using the infinitely adjustable electric remote control

### Technical data

<b>Drive unit</b>	DS-TS 32/D-LP 32 wall saw
<b>Guide wheel diameter</b>	200 mm
<b>Min. cooling water supply rate</b>	5 l/min
<b>Min. storage temperature</b>	-15 °C
<b>Nominal power</b>	32 kW
<b>Oil flow rate - min</b>	80 l/min
<b>Power source type</b>	Hydraulic
<b>Wire diameter</b>	8 - 12 mm
<b>Wire speed</b>	0 - 20 m/s
<b>Wire storage capacity</b>	8 m

Ordering designation	Package contents	Sales pack quantity	Item number
DS WSS30	1x Wire saw DS WSS30 assy	1 pc	365430

### Wall saw blade DS-BT HI C-10E

**Key applications and advantages**

- Cutting reinforced concrete
- Openings and penetrations for doors and windows
- Corrective / remedial work on facades, partitions and walls
- Fast cutting and long blade life
- One specification for all types of concrete



Ordering designation	Blade diameter	Number of segments	Segment dimensions	Sales pack quantity	Item number
DS-BT 600/HI C-10E	600 mm	34	40 x 4.7 x 10 mm	1 pc	433443
DS-BT 650/HI C-10E	650 mm	37	40 x 4.7 x 10 mm	1 pc	433444
DS-BT 800/HI C-10E	800 mm	46	40 x 4.7 x 10 mm	1 pc	433445
DS-BT 900/HI C-10E	900 mm	52	40 x 4.5 x 10 mm	1 pc	433446

### Wall saw blade DS-BT HI/HY C-20E

**Key applications and advantages**

- Cutting reinforced concrete
- Fast cutting and long blade life
- One specification for all types of concrete



Diamond Coring and Sawing

Ordering designation	Blade diameter	Number of segments	Segment dimensions	Sales pack quantity	Item number
DS-BT 600/5/HI C-20E	600 mm	34	40 x 5 x 10 mm	1 pc	273596
DS-BT 650/5/HI C-20E	650 mm	37	40 x 5 x 10 mm	1 pc	274808
DS-BT 800/5/HI C-20E	800 mm	46	40 x 5 x 10 mm	1 pc	273598
DS-BT 800/HI C-20E	800 mm	46	40 x 4.5 x 10 mm	1 pc	356210
DS-BT 900/HI C-20E	900 mm	52	40 x 4.7 x 10 mm	1 pc	416757
DS-BT 1000/HI C-20E	1000 mm	55	40 x 4.5 x 10 mm	1 pc	356211
DS-BT 1200/HI C-20E	1200 mm	65	40 x 4.5 x 10 mm	1 pc	356212

### Wall saw blade DS-BT HI/HY C-H

**Key applications and advantages**

- Cutting reinforced concrete
- Openings and penetrations for doors and windows
- Corrective / remedial work on facades, partitions and walls
- Fast cutting and long blade life
- One specification for all types of concrete

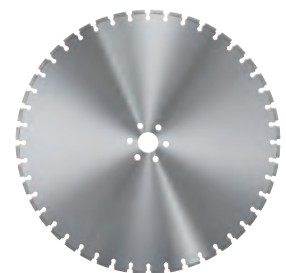


Ordering designation	Blade diameter	Number of segments	Segment dimensions	Sales pack quantity	Item number
DS-BT 600/HI C-H	600 mm	34	40 x 4.7 x 10 mm	1 pc	356213
DS-BT 800/HI C-H	800 mm	46	40 x 4.7 x 10 mm	1 pc	356214
DS-BT 900/HI C-H	900 mm	52	40 x 4.7 x 10 mm	1 pc	356215
DS-BT 1000/HI C-H	1000 mm	55	40 x 4.5 x 10 mm	1 pc	356216
DS-BT 1200/HI C-H	1200 mm	65	40 x 4.5 x 10 mm	1 pc	356217

### Wall saw blade DS-BT CM-H/CP+

**Key applications and advantages**

- Sawing reinforced concrete
- Openings and penetrations for doors and windows
- Corrective / remedial work on facades, partitions and walls
- Good balance between sawing speed and blade life
- Sandwich segments for constant segment width over the entire life of the blade



Ordering designation	Blade diameter	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DS-BT 800/HI CM-H/CP+	800 mm	40	40 x 4.8 x 10 mm	5 mm	1 pc	2052711
DS-BT 1000/HI CM-H/CP+	1000 mm	55	40 x 4.4 x 10 mm	4 mm	1 pc	2052712
DS-BT 1200/HI CM-H/CP+	1200 mm	65	40 x 4.4 x 10 mm	4 mm	1 pc	2052713

## Diamond wire DS-W

### Key applications and advantages

- Sawing reinforced concrete
- Cutting soft to hard reinforced concrete
- Good balance between sawing speed and wire life



Ordering designation	Sales pack quantity	Item number
DS-W 10.7 CH/F1	1 m	2058742
DS-W 10.5 F2	1 m	2121446
DS-W 10.5 F2/100m	1 pc	2121445

## Diamond wire DS-W Steel 20%

### Key applications and advantages

- Cutting reinforced concrete with up to 20% steel content
- Universal



Ordering designation	Wire length	Sales pack quantity	Item number
DS-W 10.2 STEEL 20p.c.		1 m	377830
DS-W 10.2 STEEL20p.c. 100M	100 m	1 pc	371986

## Diamond wire DS-W Steel 100%

### Key applications and advantages

- For cutting 100% steel
- Higher number of beads per meter
- Each bead is crimped for extra security



Ordering designation	Sales pack quantity	Item number
DS-W 10.8 STEEL100p.c. 100M	1 pc	371991

## Diamond wire DS-W dry


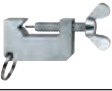





### Key applications and advantages

- Dry cutting of reinforced concrete
- Wire specifically designed for dry cutting
- Each bead is crimped for extra security



Ordering designation	Sales pack quantity	Item number
DS-W 10.2 100m dry	1 pc	425223

**Accessories for Diamond Sawing Consumables**

Ordering designation		DS-W dry	DS-W	DS-W Steel 20%	Sales pack quantity	Item number
Connector DS-WC 10mm set		■	■	■	1 pc	371383
Assembly tool DS-WMT		■	■	■	1 pc	295161
Chuck jaw DS-WJ MK9 set		■	■	■	1 pc	340426
Crimping pliers DS-WSTHY		■	■	■	1 pc	235845
O-ring		■	■	■	10 pc	235844
Pin DS-WP		■	■	■	10 pc	235842
Sleeve DS-WS 10mm		■	■	■	1 pc	235841

Diamond Coring and Sawing