



DIAMOND SYSTEMS




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Diamond sawing tools

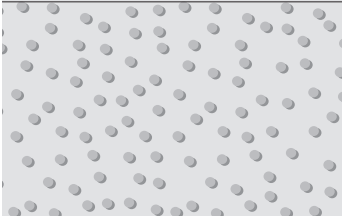
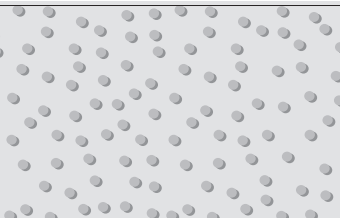
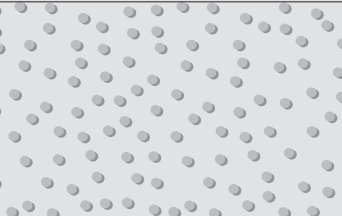






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Diamond sawing consumables

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Trade recommendation	Mechanical	Building construction	Building construction
	Electrical	Mechanical	Mechanical
		Electrical	Electrical
Applications			
	<ul style="list-style-type: none"> • Anchoring and coring in concrete and masonry • Hand-guided wet coring in reinforced concrete • Dry coring in aerated concrete, sand-lime block, perforated brick, solid brick and clinker 	<ul style="list-style-type: none"> • Rig-based wet drilling in concrete • Hand-guided wet drilling for setting large-diameter anchors and reinforcing bars 	<ul style="list-style-type: none"> • Making penetrations for ducts, pipes and cables • The power control LED helps new users to achieve the optimum rate of drilling progress
Tools	DD 110-W 	DD 150-U 	DD 160
	<ul style="list-style-type: none"> • Wide range of barrels for m&e applications for any base material 	<ul style="list-style-type: none"> • Versatile due to Hand held and rig based operations 	<ul style="list-style-type: none"> • Large diameter range making this suited for most BC contractors
Number of gears	2	3	3
Drilling Range	HH: 16-162 mm, RB: 25-132 mm	HH: 37-162 mm, RB: 12-162 mm	RB: 25-202mm
Weight	11kg	22kg	16kg
Use	Hand Held	Hand Held & Rig based	Rig Based

* As of 1.1.2009, values for the tools must be measured in accordance with EPTA 1/2003. Hilti has been doing this since 2008.
 ** Hilti values following preliminary EPTA Standard 05-2009.

Trade recommendation	DSC Mechanical Electrical Building construction	DSC Building construction Mechanical Electrical	DSC Building construction Mechanical Electrical
Applications			
	 <ul style="list-style-type: none"> • Making penetrations for ducts, pipes and cables • The power control LED helps new users to achieve the optimum rate of drilling progress 	 <ul style="list-style-type: none"> • Through-holes and penetrations • Blind holes for setting anchors or post-installed reba 	 <ul style="list-style-type: none"> • Operation within the optimum power range is easy with the aid of the LED power controls for peak performance and longer core bit life
Tools	<p>DD 200</p> 	<p>DD 350</p> 	<p>DD 500</p> 
Advantages	<ul style="list-style-type: none"> • Air cooled motor. • Proven reliability with same stand as DD350 	<ul style="list-style-type: none"> • Strongest tool on the market from normal plug socket. - Single phase power. • Sealed water cooled motor enables upside down coring without extraction 	<ul style="list-style-type: none"> • 3 phase power • Sealed water cooled unit enables upside down coring without water extraction.
Weight of tool as per EPTA 1/2003 (kg)*	3	10	10
Drilling Range	RB: 25-400mm	RB: 52-500 mm	RB: 82-600 mm
Weight	34kg	35kg	38kg
Use	Rig Based	Rig Based	Rig Based

* As of 1.1.2009, values for the tools must be measured in accordance with EPTA 1/2003. Hilti has been doing this since 2008.
 ** Hilti values following preliminary EPTA Standard 05-2009.

Diamond coring tool DD 110-W



KEY APPLICATIONS & ADVANTAGES

- Hand-guided wet coring in reinforced concrete
- Dry coring in aerated concrete, sand-lime block, perforated brick, solid brick and clinker
- Drilling out socket recesses for the installation of electrical fittings
- High motor performance and sturdy 2-speed gearing for optimum drilling speed
- Compact design and low weight for easy handling



Technical data

Rated input power	1600 W
Number of gears	2
Rotation speed gear 1 under no load	650 rpm
Drilling range - wet hand held - max.	132 mm
Drilling range - wet hand held - min.	25 mm
Drilling range	hand-held dry: 16-162 mm, hand-held wet: 25-132 mm
Drilling range - dry - max.	162 mm
Drilling range - dry - min.	16 mm
Chuck type	BI+
A-weighted emission sound power level ¹⁾	95 dB (A)

¹⁾ according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
DD 110-W 230V	1x Diamond coring tool DD 110-W 230V, 1x Diamond core bit DD-BI 66/350 HWC, 1x Flat wrench 27 (2) set, 1x Chuck BI+ assy, 1x Case	1 pc	249137

Diamond coring tool DD 150-U



KEY APPLICATIONS & 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

Rated input power	2200 W
Number of gears	3
Rotation speed gear 1 under no load	780 rpm
Drilling range - wet w/ stand - max.	162 mm
Drilling range - wet w/ stand - min.	12 mm
Drilling range - wet hand held - max.	131 mm
Drilling range - wet hand held - min.	8 mm
Drilling range	hand-held dry: 37-162 mm, hand-held wet: 8-131 mm, Rig-based wet: 12-162 mm
Drilling range - dry - max.	162 mm
Drilling range - dry - min.	37 mm

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

Diamond coring tool DD 160



KEY APPLICATIONS & 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	
Rated input power	2200 W
Drill stand	Base plate dimensions and system weight based on use of SFL stand
Number of gears	3
Rotation speed gear 1 under no load	420 rpm
Drilling range - wet w/ stand - max.	202 mm
Drilling range - wet w/ stand - min.	25 mm
Drilling range	Rig-based wet: 25-202 mm
Weight of complete system	16 kg
Chuck type	BI+
A-weighted emission sound power level ¹⁾	106 dB (A)

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DD 160 230V	1x Diamond coring tool DD 160 230V, 1x Chuck BI+ assy	1 pc	2005205

Heavy-duty diamond drilling system for rig-based coring in medium and large diameters up to 500 mm DD 200 G02



KEY APPLICATIONS & ADVANTAGES

- Penetrations for ducts, pipes and cables
- Openings for ventilation
- Stitch drilling for breaches
- Air-cooled, heavy-duty drive unit with three-speed gearing and convenient controls
- Easy to handle, understand and operate

Technical data	
Number of gears	3
Rotation speed gear 1 under no load	240 rpm
Drilling range - wet w/ stand - max.	500 mm
Drilling range - wet w/ stand - min.	35 mm
Drilling range	Rig-based wet: 35-500 mm
Weight of complete system	36 kg
Chuck type	BL
A-weighted emission sound power level ¹⁾	109 dB (A)
A-weighted emission sound pressure level ¹⁾	93 dB (A)
Angular coring	Yes

¹⁾ according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
DD 200 230V BL	1x Diamond coring tool DD 200 230V BL, 1x Chuck DD-C-BL assy	1 pc	2124817

Heavy-duty diamond drilling system for rig-based coring in medium and large diameters up to 500 mm DD 200 G02 (DD-ST 200)



KEY APPLICATIONS & ADVANTAGES

- Making penetrations for ducts, pipes and cables
- Openings for ventilation
- Stitch drilling for breaches
- Easy to handle, understand and operate
- Air-cooled, heavy-duty drive unit with three-speed gearing and convenient controls

Technical data

Number of gears	3
Rotation speed gear 1 under no load	240 rpm
Rotation speed gear 5 under no load	1160 rpm
Drilling range - wet w/ stand - max.	500 mm
Drilling range - wet w/ stand - min.	35 mm
Drilling range	Rig-based wet: 35-500 mm
Weight of complete system	33 kg
A-weighted emission sound power level ¹⁾	109 dB (A)
A-weighted emission sound pressure level ¹⁾	93 dB (A)
Angular coring	No

¹⁾ according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
DD 200 230V BL ST	1x Chuck DD-C-BL assy	1 pc	2124826

Heavy-duty diamond drilling system with high-frequency motor and autofeed unit for rig-based coring in medium and large diameters of up to 500 mm DD 350-CA



KEY APPLICATIONS & 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

Rated input power	3600 W
Number of gears	10
Rotation speed gear 1 under no load	667 rpm
Rotation speed gear 10 under no load	298 rpm
Drilling range - wet w/ stand - max.	500 mm
Drilling range - wet w/ stand - min.	52 mm
Drilling range	Rig-based wet: 52-500 mm
Weight of complete system	35 kg
Chuck type	BL
A-weighted emission sound power level ¹⁾	108 dB (A)

¹⁾ according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
DD 350-CA BL 230V	1x Diamond coring tool DD 350-CA 230V assy, 1x Chuck DD-C-BL assy	1 pc	2087381

Accessories for Diamond drilling tools

Ordering designation	DD 160	DD 110-W	DD 150-U	Sales pack quantity	Item number
Column swivel DD-ST-150/160-RR Swivelling column allows access to the hole in deep coring applications with the DD 150-U and DD 160	■		■	1 pc	2006373
Accessory kit DD M12 L			■	1 pc	409279
Accessory kit DD M16	■			1 pc	409303
Cross column adapter DD-ST 150/160 CCS	■		■	1 pc	2017726
Drilling stand DD-ST 150-U CTL Drill stand with combined anchor and vacuum base plate and column, for angular coring at up to 45°			■	1 pc	435666
Drilling stand DD-ST 160 CTL Combined anchor and vacuum base plate, for angular coring at up to 45°	■			1 pc	435663
Drilling stand DD-ST 160 SFL Compact, light anchor baseplate, not suitable for angular coring	■			1 pc	435664
Extraction head DD-BI-DR-CB assy		■		1 pc	315826
Flow indicator DD-WFI		■		1 pc	305939
Handwheel DD-HW-2A	■		■	1 pc	2007688
Handwheel DD-HW-3A	■		■	1 pc	2007687
Jack screw DD-ST-150/160-JS	■		■	1 pc	2007686
Vacuum baseplate DD-ST-VBP 120/160	■			1 pc	2027859
Vacuum pump DD VP-U 230V	■		■	1 pc	408458
Water collector holder DD-ST-150/160-WCH	■		■	1 pc	2016633
Water collector holder DD-WCS-HH-150			■	1 pc	2008130
Water collector system DD-WMK-BI	■		■	1 pc	2040915
Water dam DD-WC-S	■		■	1 pc	232204
Water dam DD-WC-SM	■		■	1 pc	232221
Water supply unit DWP 10	■	■	■	1 pc	365595

3-phase heavy-duty diamond drilling system with high-frequency motor and autofeed unit for rig-based coring in medium and large diameters of up to 600 mm DD 500-CA



KEY APPLICATIONS & 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

Rated input power	5500 W
Number of gears	10
Rotation speed gear 1 under no load	531 rpm
Rotation speed gear 10 under no load	265 rpm
Drilling range - wet w/ stand - max.	600 mm
Drilling range - wet w/ stand - min.	82 mm
Drilling range	Rig-based wet: 82-600 mm
Weight of complete system	37 kg
Chuck type	BS
A-weighted emission sound power level ¹⁾	115 dB (A)

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DD 500-CA BS 400V	1x Diamond coring tool DD 500-CA 400V assy, 1x Hex skt hd cap screw M12x55 mc, 1x Chuck BL-BS	1 pc	2095272

Premium diamond core bit for drilling with tools with a lower power rating (below 2.5kW) in all types of concrete and masonry (no connection end) DD-B UCM

KEY APPLICATIONS & ADVANTAGES

- Rig-based wet diamond coring applications on reinforced concrete
- Hand-held wet coring on reinforced concrete
- Hand-held dry coring on masonry and sand-lime block
- Constantly high drilling performance, suitable for universal use on the most common types of concrete and masonry
- Stepped segments for fast drilling on reinforced concrete and better cooling in hand-held dry coring applications



Ordering designation	Nominal diameter	Number of segments	Sales pack quantity	Item number
DD-B 37/350 UCM	37 mm	3	1 pc	2070755
DD-B 42/350 UCM	42 mm	3	1 pc	2070756
DD-B 52/350 UCM	52 mm	3	1 pc	2070757
DD-B 62/350 UCM	62 mm	3	1 pc	2070758
DD-B 67/350 UCM	67 mm	4	1 pc	2070759
DD-B 77/350 UCM	77 mm	4	1 pc	2070820
DD-B 82/350 UCM	82 mm	4	1 pc	2070821
DD-B 87/350 UCM	87 mm	4	1 pc	2070822
DD-B 92/350 UCM	92 mm	4	1 pc	2070823
DD-B 102/350 UCM	102 mm	5	1 pc	2070824
DD-B 112/350 UCM	112 mm	5	1 pc	2070825
DD-B 122/350 UCM	122 mm	6	1 pc	2070826
DD-B 132/350 UCM	132 mm	7	1 pc	2070827
DD-B 152/350 UCM	152 mm	7	1 pc	2070828
DD-B 162/350 UCM	162 mm	7	1 pc	2070829

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Diamond core bit DD-C T2

KEY APPLICATIONS & ADVANTAGES

- Drilling accurate 8-35 mm diameter anchor and through holes
- Various types of steel-reinforced concrete, marble, sand-lime block and brick
- Easy core removal through the rear end of the core bit
- Laser-welded segments



Ordering designation	Nominal diameter	Sales pack quantity	Item number
DD-C 10/150 T2	10 mm	1 pc	336887
DD-C 12/150 T2	12 mm	1 pc	336889

Diamond core bit DD-C T4

KEY APPLICATIONS & ADVANTAGES

- Drilling accurate 8-35 mm diameter anchor and through holes
- Various types of steel-reinforced concrete, marble, sand-lime block and brick
- Easy core removal through the rear end of the core bit
- Laser-welded segments

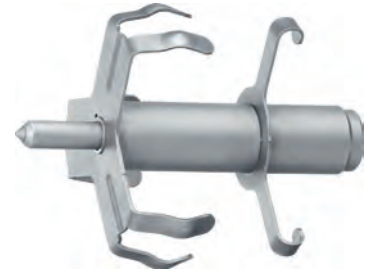


Ordering designation	Working length	Nominal diameter	Sales pack quantity	Item number
DD-C 14/150 T4	150 mm	14 mm	1 pc	336855
DD-C 16/300 T4	300 mm	16 mm	1 pc	336862
DD-C 18/300 T4	300 mm	18 mm	1 pc	336864
DD-C 20/300 T4	300 mm	20 mm	1 pc	336870
DD-C 22/300 T4	300 mm	22 mm	1 pc	336873
DD-C 24/300 T4	300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

Starting aid DD-SA

KEY APPLICATIONS & ADVANTAGES

- Hand-held dry coring in masonry
- Compatible with Hilti PCM and HDM core bits and socket cutter
- For easy hole-starting in masonry



Premium diamond core bit for drilling with tools of any power class in all types of concrete (incl. Hilti BI quick-release connection end) DD-BI+ UCL

KEY APPLICATIONS & ADVANTAGES

- Coring in reinforced concrete 12 - 200 mm diameter
- Superior lifetime thanks to 12 mm diamond segment height



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

Premium diamond core bit for drilling with tools of any power class in all types of concrete (without connection end) DD-B UCL

KEY APPLICATIONS & ADVANTAGES

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



Ordering designation	Change module	Number of segments	Segment dimensions	Segment height	Segment length	Segment width	Sales pack quantity	Item number
DD-B 47/430 UCL	No	4	20 x 3 x 12 mm	12 mm	20 mm	3 mm	1 pc	2078089
DD-B 35/430 UCL A	Yes						1 pc	2139058
DD-B 37/430 UCL A	Yes						1 pc	2139059
DD-B 42/430 UCL A	Yes						1 pc	2139234
DD-B 47/430 UCL A	Yes						1 pc	2139235
DD-B 225/430 UCL A	Yes						1 pc	2139322
DD-B 250/430 UCL A	Yes						1 pc	2139323
DD-B 300/430 UCL A	Yes						1 pc	2139324
DD-B 52/430+ UCL A	Yes						1 pc	2139371
DD-B 62/430+ UCL A	Yes						1 pc	2139372
DD-B 72/430+UCL A	Yes						1 pc	2139373
DD-B 77/430+ UCL A	Yes						1 pc	2139374
DD-B 82/430+ UCL A	Yes						1 pc	2139375
DD-B 92/430+ UCL A	Yes						1 pc	2139376
DD-B 102/430+ UCL A	Yes						1 pc	2139377
DD-B 107/430+ UCL A	Yes						1 pc	2139378
DD-B 112/430+ UCL A	Yes						1 pc	2139379
DD-B 122/430+ UCL A	Yes						1 pc	2139380

Ordering designation	Change module	Number of segments	Segment dimensions	Segment height	Segment length	Segment width	Sales pack quantity	Item number
DD-B 127/430+ UCL A	Yes						1 pc	2139381
DD-B 132/430+ UCL A	Yes						1 pc	2139382
DD-B 152/430+ UCL A	Yes						1 pc	2139383
DD-B 162/430+ UCL A	Yes						1 pc	2139384
DD-B 172/430+ UCL A	Yes						1 pc	2139385
DD-B 202/430+ UCL A	Yes						1 pc	2139386
DD-B 52/430+ UCL	Yes	5	21 x 3.2 x 12 mm	12 mm	21 mm	3.2 mm	1 pc	2077744
DD-B 77/430+ UCL	Yes	6	24 x 3.5 x 12 mm	12 mm	24 mm	3.5 mm	1 pc	2077747
DD-B 92/430+ UCL	Yes	8	24 x 3.5 x 12 mm	12 mm	24 mm	3.5 mm	1 pc	2077749
DD-B 102/430+ UCL	Yes	8	24 x 3.5 x 12 mm	12 mm	24 mm	3.5 mm	1 pc	2078060
DD-B 112/430+ UCL	Yes	9	24 x 3.5 x 12 mm	12 mm	24 mm	3.5 mm	1 pc	2078062
DD-B 122/430+ UCL	Yes	10	24 x 3.5 x 12 mm	12 mm	24 mm	3.5 mm	1 pc	2078063
DD-B 172/430+ UCL	Yes	13	24 x 4 x 12 mm	12 mm	24 mm	4 mm	1 pc	2078068
DD-B 202/430+ UCL	Yes	16	24 x 4 x 12 mm	12 mm	24 mm	4 mm	1 pc	2078069

Ultimate diamond core bit for drilling with high-power tools (starting from 2.5kW) in all types of concrete (without connection end) DD-B HCS

KEY APPLICATIONS & 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	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DD-B 35 / 430 + HCS	35 mm	3	24 x 3.2 x 10 mm	3.2 mm	1 pc	2089841
DD-B 37 / 430 + HCS	37 mm	3	24 x 3.2 x 10 mm	3.2 mm	1 pc	2089842
DD-B 40 / 430 + HCS	40 mm	3	24 x 3.2 x 10 mm	3.2 mm	1 pc	2089843
DD-B 42/430 + HCS	42 mm	3	24 x 3.2 x 10 mm	3.2 mm	1 pc	2089844
DD-B 47 / 430 + HCS	47 mm	4	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089845
DD-B 52 / 430 + HCS	52 mm	4	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089846
DD-B 57 / 430 + HCS	57 mm	4	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089847
DD-B 62 / 430 + HCS	62 mm	5	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089848
DD-B 67 / 430 + HCS	67 mm	5	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089849
DD-B 72 / 430 + HCS	72 mm	6	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089850
DD-B 77 / 430 + HCS	77 mm	6	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089851
DD-B 82 / 430 + HCS	82 mm	7	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089852
DD-B 87 / 430 + HCS	87 mm	7	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089853
DD-B 92 / 430 + HCS	92 mm	7	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089854
DD-B 102 / 430 + HCS	102 mm	8	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089855
DD-B 107 / 430 + HCS	107 mm	8	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089856
DD-B 112 / 430 + HCS	112 mm	8	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089857
DD-B 122 / 430 + HCS	122 mm	9	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089858
DD-B 132 / 430 + HCS	132 mm	11	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089859
DD-B 142 / 430 + HCS	142 mm	11	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089860
DD-B 152 / 430 + HCS	152 mm	12	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089861
DD-B 162 / 430 + HCS	162 mm	12	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089862
DD-B 172 / 430 + HCS	172 mm	13	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089863
DD-B 182 / 430 + HCS	182 mm	13	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089864
DD-B 202 / 430 + HCS	202 mm	14	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089865
DD-B 225 / 430 + HCS	225 mm	17	24 x 4.5 x 10 mm	4.5 mm	1 pc	2089866
DD-B 250 / 430 + HCS	250 mm	17	24 x 4.5 x 10 mm	4.5 mm	1 pc	2089867

Ultimate change module for drilling with high-power tools (starting from 2.5kW) in all types of concrete DD-CM HCS

KEY APPLICATIONS & ADVANTAGES

- Coring in the 35-250 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	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DD-CM 42 HCS	42 mm	3	24 x 3.2 x 10 mm	3.2 mm	1 pc	2089891
DD-CM 52 HCS	52 mm	4	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089893
DD-CM 62 HCS	62 mm	5	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089895
DD-CM 77 HCS	77 mm	6	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089898
DD-CM 102 HCS	102 mm	8	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089902
DD-CM 112 HCS	112 mm	8	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089904
DD-CM 122 HCS	122 mm	9	24 x 3.6 x 10 mm	3.6 mm	1 pc	2089905
DD-CM 132 HCS	132 mm	11	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089906
DD-CM 152 HCS	152 mm	12	24 x 4.1 x 10 mm	4.1 mm	1 pc	2089908

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
DD-BS	BS - 1 ¼"	12 pc	286794
BU-1	BU	1 pc	236122

Premium diamond core bit for drilling with cordless drill drivers in tiles DD-BH AT



Ordering designation	Working length	Nominal diameter	Core bit diameter	Length	Sales pack quantity	Item number
DD-BH 6/30 AT	20 mm	6 mm	6 mm	67 mm	1 pc	2107156
DD-BH 8/40 AT	30 mm	8 mm	8 mm	80 mm	1 pc	2107158
DD-BH 10/40 AT	30 mm	10 mm	10 mm	80 mm	1 pc	2107350
DD-BH 12/40 AT	30 mm	12 mm	12 mm	80 mm	1 pc	2107351
DD-BH 14/40 AT	30 mm	14 mm	14 mm	80 mm	1 pc	2107352
DD-BH 20/40 AT	30 mm	20 mm	20 mm	80 mm	1 pc	2107353

Accessories for Diamond drilling consumables

Ordering designation	DD	Sales pack quantity	Item number
Flow indicator DD-WFI 	■	1 pc	305939
Jack screw assy	■	1 pc	49147
Jack screw DD-CS M16 	■	1 pc	337378
Nut DD-LR-CLN	■	1 pc	333477
Quick-locking nut DD-CN-SML 	■	1 pc	251834
Water supply unit DWP 10 	■	1 pc	365595

Electric wall saw DST 10-CA



KEY APPLICATIONS & 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

A-weighted emission sound pressure level¹⁾	114.5 dB (A)
Dimensions (LxWxH) - drive	365 x 400 x 350 mm
IP protection class	IP 65
Min. cooling water supply rate	2 l/min
Min. generator power	20 kVA
Motor power S1	9 kW
Nominal power	11 kW
Pin assignment	3P+PE
Power source type	3x400V/16A
Rated voltage	400 V

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DST 10-CA 3x400V EC	1x Sawing head DST 10-CA CE assy, 1x Remote control DST WRC-CA assy, 1x Coupler CEE 16A/400V/5P/6H	1 pc	2052114
DST 10-CA 3x400V PR	1x Sawing head DST 10-CA CE assy, 4x Rail support DS-RF-L, 50x Flush anchor HKD-D M12x50 assy, 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

Electric wall saw DS TS20-E



KEY APPLICATIONS & ADVANTAGES

- Cutting and extending openings for doors, windows and walls
- Controlled demolition in renovation
- Corrective work on facades, partition walls, etc.
- Best-in-class cutting performance at depths of up to 73 cm / 28" 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

A-weighted emission sound pressure level¹⁾	100.3 dB (A)
Dimensions (LxWxH) - drive	375 x 440 x 320 mm
IP protection class	IP 65 (EN 60529)
Min. cooling water supply rate	4 l/min
Min. generator power	40 kVA
Min. storage temperature	-15 °C
Motor power S1	15 kW
Nominal power	19 kW
Power source type	3x400V/32A
Remote control	Electric

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DS TS20-E 1.6 3x400V	1x Sawing head DS TS20-E 1.6, 1x Hose 10M assy, 50x Flush anchor HKD-D M12x50 assy, 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	2064901

Wire saw DS WS 10-E



KEY APPLICATIONS & ADVANTAGES

- Cutting through extremely thick components
- Cutting openings without overcutting (doors, windows and shafts etc.)
- Small structural modifications (cutting through columns and beams)
- Rugged and durable saw system with well-proven components
- Tested and certified to meet safety requirements

Technical data

A-weighted emission sound pressure level¹⁾	80.2 dB (A)
Dimensions (LxWxH) - drive	620 x 705 x 1225 mm
Dimensions (LxWxH)- control unit	520 x 590 x 1060 mm
Guide wheel diameter	200 mm
IP protection class	IP 65 (EN 60529), IP 54 (IEC 529)
Min. cooling water supply rate	4
Min. generator power	40 kVA
Min. storage temperature	-20 °C
Motor power S1	9.4 kW
Nominal power	11 kW

¹⁾ according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
DS WS10-E 3x400V	1x Wire saw DS WS10-E 3x400V assy, 1x Assembly tool 1/2", 1x Tool set DS WS	1 pc	361102

Wire saw DS WS 15



KEY APPLICATIONS & 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

A-weighted emission sound pressure level¹⁾	79 dB (A)
Dimensions (LxWxH) - drive	1560 x 790 x 920 mm
IP protection class	IP 65 (EN 60529), IP 54 (IEC 529)
Min. cooling water supply rate	5 l/min
Min. generator power	40 kVA
Min. storage temperature	-20 °C
Motor power S1	15 kW
Nominal power	15 kW
Pin assignment	3P+PE
Power source type	Electric

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	365429

Electric wire saw DSW 3018-E



KEY APPLICATIONS & ADVANTAGES

- Controlled demolition or dismantling of structures
- Applications that must be completed within a very short time frame, demanding highest sawing performance
- Cutting heavily-reinforced concrete, masonry, stone or steel
- High sawing performance thanks to two powerful motors each with 15 kW power output
- High starting torque reduces effort required to "grind-in" the wire

Technical data

A-weighted emission sound pressure level¹⁾	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

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

Floor saw blade DS-BF CG1/LP



KEY APPLICATIONS & ADVANTAGES

- Cutting green (young) concrete
- Designed for use with low-power saws (5-18PS / 4-13kW)
- Blade specification is matched to the material to be cut and saw power rating
- Wear bars help prevent wear of the steel disc at the segment bonding zone

Technical data

Base materials	Concrete, green
Segment height	10 mm
Laser-welded segments	Yes
Arbour	25.4 mm
Blade diameter	350 mm
Blade thickness	2.8 mm
Hilti HI mount	No
Hydrostress HY mount	No
Number of segments	24
Segment dimensions	39 x 2.8 x 10 mm



Ordering designation

DS-BF 350/25.4 CG1/LP

Sales pack quantity

1 pc

Item number

368673

Floor saw blade DS-BF A1/LP



KEY APPLICATIONS & ADVANTAGES

- Cutting asphalt
- Designed for use with low-power saws (5-18PS / 4-13kW)
- Blade specification is matched to the material to be cut and saw power rating
- Wear bars help prevent wear of the steel disc at the segment bonding zone

Technical data

Base materials	Asphalt
Segment height	10 mm
Laser-welded segments	Yes
Arbour	25.4 mm
Blade diameter	350 mm
Blade thickness	2.8 mm
Hilti HI mount	No
Hydrostress HY mount	No
Number of segments	24
Segment dimensions	39 x 2.8 x 10 mm



Ordering designation

DS-BF 350/25.4/A1/LP

Sales pack quantity

1 pc

Item number

360656

Floor saw blade DS-BF C1/LP



KEY APPLICATIONS & ADVANTAGES

- Cutting concrete
- Designed for use with low-power saws (5-18PS / 4-13kW)
- Blade specification is matched to the material to be cut and saw power rating

Technical data

Segment height	10 mm
Laser-welded segments	Yes
Arbour	25.4 mm
Blade diameter	350 mm
Blade thickness	2.8 mm
Hilti HI mount	No
Hydrostress HY mount	No
Number of segments	24
Segment dimensions	39 x 2.8 x 10 mm
Segment length	39 mm



Ordering designation

DS-BF 350/25.4/C1/LP

Sales pack quantity

1 pc

Item number

360644

Wall saw blade DS-BT HI C-10E



KEY APPLICATIONS & ADVANTAGES

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

Technical data	
Base materials	Concrete, soft to hard
Laser-welded segments	Yes
Wet or dry operation	Wet
Arbour	60 mm
Blade diameter	800 mm
Hilti HI mount	Yes
Hydrostress HY mount	No
Number of segments	40
Segment dimensions	40 x 4.4 x 10 mm
Segment height	10 mm

Ordering designation	Sales pack quantity	Item number
DS-BT 800/4.4/HI C-10E	1 pc	2051590

Diamond wire DS-W 10.7



KEY APPLICATIONS & ADVANTAGES

- Sawing reinforced concrete
- Good balance between sawing speed and wire life

Technical data	
Base materials	Concrete, medium
Type	Sintered
Wet or dry operation	Wet
Bead diameter	11 mm
Colour	Black
Flexible connector pre-assembled	No
Number of beads per metre	40

Ordering designation	Wire length	Sales pack quantity	Item number
DS-W SI 10.5 C F2		1 m	2121446
DS-W SI 10.5-100m C F2	100 m	1 pc	2121445

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



KEY APPLICATIONS & ADVANTAGES

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

Technical data	
Base materials	Concrete, soft to hard
Laser-welded segments	Yes
Wet or dry operation	Wet
Arbour	60 mm
Hilti HI mount	Yes
Hydrostress HY mount	No
Segment height	10 mm
Segment length	40 mm
Usable segment height	8 mm

Ordering designation	Blade diameter	Number of segments	Segment dimensions	Segment width	Sales pack quantity	Item number
DS-BT 900/HI C-20E	900 mm	52	40 x 4.7 x 10 mm	4.7 mm	1 pc	416757
DS-BT 1000/HI C-20E	1000 mm	55	40 x 4.5 x 10 mm	4.5 mm	1 pc	356211



Wall saw blade DS-BT HI/HY C-M



KEY APPLICATIONS & ADVANTAGES

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

Technical data

Base materials	Concrete, soft to hard
Laser-welded segments	Yes
Wet or dry operation	Wet
Arbour	60 mm
Blade diameter	800 mm
Hilti HI mount	Yes
Hydrostress HY mount	No
Number of segments	46
Segment dimensions	40 x 4.7 x 10 mm
Segment height	10 mm



Ordering designation

DS-BT 800/HI C-M

Sales pack quantity

1 pc

Item number

295344

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



KEY APPLICATIONS & ADVANTAGES

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

Technical data

Base materials	Concrete, soft to hard
Laser-welded segments	Yes
Wet or dry operation	Wet
Arbour	60 mm
Blade diameter	800 mm
Hilti HI mount	Yes
Hydrostress HY mount	No
Number of segments	46
Segment dimensions	40 x 4.7 x 10 mm
Segment height	10 mm



Ordering designation

DS-BT 800/HI C-H

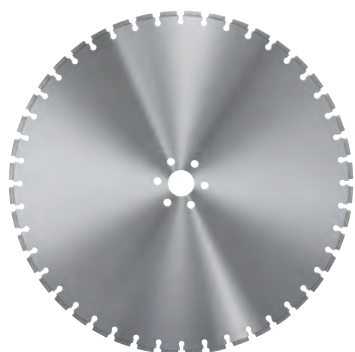
Sales pack quantity

1 pc

Item number

356214

For 15-20kW wall saws – balanced speed and lifetime M-H C wall saw blade



KEY APPLICATIONS & 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




Technical data

Base materials	Concrete, soft to medium
Laser-welded segments	Yes
Wet or dry operation	Wet
Arbour	60 mm
Hilti HI mount	Yes
Segment height	10 mm
Segment length	40 mm



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	4.8 mm	1 pc	2052711
DS-BT 1200/HI CM-H/CP+	1200 mm	65	40 x 4.4 x 10 mm	4.4 mm	1 pc	2052713

Accessories for Diamond sawing consumables

Ordering designation		DS-W 10.7	Sales pack quantity	Item number
Chuck jaw DS-WJ MK8 set		■	1 pc	261876
Chuck jaw DS-WJ MK9 set		■	1 pc	340426
Sleeve DS-WS 9mm		■	5 pc	2069604