


















CONCRETE DRILLS

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Type and applications overview

	Surface	Cutting edges	Shank	Ø mm	Drilling depth in mm	Item no.	Page/s
	Blank			5,0 - 30,0	50 - 400	123 xxx 123 xxx K	308
	Blank			3,5 - 26,0	50,0 - 950,0	211 xxx	310 - 311
	Blank			5,0 - 12,0	50,0 - 90,0	223 xxx	312
	Blank			3,0 - 12,0	80,0 - 100,0	223 xxx	312
	Blank			30,0 - 100,0	50,0	226 xxx	313
							

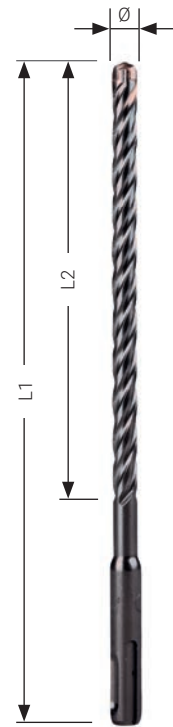
Concrete	Masonry	Granite and marble	Tiles	Bricks	Lightweight material	Concrete reinforcement	Plastics	Non-ferrous metals	Glass
●	●	●	●	●		●			
●	●	●	●	●		●			
	●		●	●	●	●	●	●	
			●				●		●
●	●	●	●	●	●				



SDS-plus hammer drill with 4 cutting edges

A special drill dust groove geometry ensures optimum drill dust feed. Reduced vibrations and low friction result in significantly shorter drilling times. Core reinforcement for maximum energy transfer. No risk of breakage when hitting reinforcement.

Areas of application: for granite, concrete, clinker, stone, masonry and marble.



Packaging: self-service clip or QuadroPack

Ø mm	Ø Zoll	L1 mm	L2 mm	SB-Clip	QuadroPack		
5,0	3/16	110 mm	50 mm	123 050	1	123 050 K	10
5,0	3/16	160 mm	100 mm	123 051	1	123 051 K	10
5,5	7/32	160 mm	100 mm	123 055	1	123 055 K	10
6,0	15/64	110 mm	50 mm	123 060	1	123 060 K	10
6,0	15/64	160 mm	100 mm	123 061	1	123 061 K	10
6,0	15/64	210 mm	150 mm	123 062	1	123 062 K	10
6,0	15/64	260 mm	200 mm	123 063	1	123 063 K	10
6,5	8/32	210 mm	150 mm	123 065	1	123 065 K	10
8,0	5/16	110 mm	50 mm	123 080	1	123 080 K	10
8,0	5/16	160 mm	100 mm	123 081	1	123 081 K	10
8,0	5/16	210 mm	150 mm	123 082	1	123 082 K	10
8,0	5/16	260 mm	200 mm	123 083	1	123 083 K	10
10,0	3/8	160 mm	100 mm	123 100	1	123 100 K	10
10,0	3/8	210 mm	150 mm	123 101	1	123 101 K	10
10,0	3/8	260 mm	200 mm	123 102	1	123 102 K	10
10,0	3/8	450 mm	400 mm	123 103	1	–	–
12,0	15/32	160 mm	100 mm	123 120	1	123 120 K	5
12,0	15/32	210 mm	150 mm	123 121	1	123 121 K	5
12,0	15/32	260 mm	200 mm	123 122	1	123 122 K	5
12,0	15/32	450 mm	400 mm	123 123	1	–	–
14,0	9/16	160 mm	100 mm	123 140	1	123 140 K	5
14,0	9/16	210 mm	150 mm	123 141	1	123 141 K	5
14,0	9/16	260 mm	200 mm	123 142	1	123 142 K	5
14,0	9/16	450 mm	400 mm	123 143	1	123 143 K	5
16,0	5/8	210 mm	150 mm	123 161	1	–	–
16,0	5/8	260 mm	200 mm	123 162	1	–	–
16,0	5/8	310 mm	250 mm	123 163	1	–	–
16,0	5/8	450 mm	400 mm	123 164	1	–	–
18,0	11/16	260 mm	200 mm	123 181	1	–	–
18,0	11/16	450 mm	400 mm	123 182	1	–	–
20,0	25/32	260 mm	200 mm	123 201	1	–	–
20,0	25/32	450 mm	400 mm	123 202	1	–	–
22,0	7/8	450 mm	400 mm	123 221	1	–	–
24,0	15/16	450 mm	400 mm	123 241	1	–	–
28,0	1 1/8	450 mm	400 mm	123 281	1	–	–
30,0	1 3/16	450 mm	400 mm	123 301	1	–	–

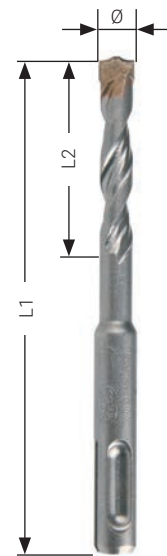




SDS-plus hammer drill with 2 cutting edges

Longer service life in concrete and on reinforcement thanks to stabilised head geometry and rounded cutting edges. Patented 2-edge design based on the Bionic principle. Innovative Twinmax 3D helix profile enables optimum drill dust transport. Certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik (DiBt).

Areas of application: For granite, concrete, concrete reinforcement, clinker, stone, masonry and marble.
Use: In all rotary hammers with SDS-plus chuck and 2-slot chuck, e.g. Hilti TE 10-22.




Packaging: self-service clip

Ø mm	Ø inch	L1 mm	L2 mm		
3,5	9/64	110,0	50,0	211 035	1
4,0	5/32	110,0	50,0	211 040	1
4,0	5/32	160,0	100,0	211 041	1
5,0	3/16	110,0	50,0	211 050	1
5,0	3/16	160,0	100,0	211 051	1
5,0	3/16	210,0	150,0	211 052	1
5,5	7/32	110,0	50,0	211 055	1
5,5	7/32	160,0	100,0	211 056	1
6,0	15/64	110,0	50,0	211 060	1
6,0	15/64	160,0	100,0	211 061	1
6,0	15/64	210,0	150,0	211 062	1
6,0	15/64	260,0	200,0	211 063	1
6,0	15/64	460,0	* 400,0	211 068	1
6,5	8/32	110,0	50,0	211 065	1
6,5	8/32	160,0	100,0	211 066	1
6,5	8/32	210,0	150,0	211 067	1
6,5	8/32	260,0	200,0	211 069	1
7,0	9/32	110,0	50,0	211 070	1
7,0	9/32	160,0	100,0	211 071	1
7,0	9/32	210,0	150,0	211 072	1
8,0	5/16	110,0	50,0	211 080	1
8,0	5/16	160,0	100,0	211 081	1
8,0	5/16	210,0	150,0	211 082	1
8,0	5/16	260,0	200,0	211 083	1
8,0	5/16	310,0	250,0	211 085	1
8,0	5/16	460,0	* 400,0	211 084	1
8,0	5/16	610,0	* 550,0	211 086	1
9,0	11/32	160,0	100,0	211 090	1
9,0	11/32	210,0	150,0	211 091	1
10,0	3/8	110,0	50,0	211 105	1
10,0	3/8	160,0	100,0	211 100	1
10,0	3/8	210,0	150,0	211 101	1
10,0	3/8	260,0	200,0	211 102	1
10,0	3/8	310,0	250,0	211 104	1
10,0	3/8	360,0	300,0	211 103	1
10,0	3/8	460,0	* 400,0	211 106	1
10,0	3/8	610,0	* 550,0	211 107	1
10,0	3/8	1000,0	* 950,0	211 108	1
11,0	7/16	160,0	100,0	211 110	1
11,0	7/16	210,0	150,0	211 111	1
11,0	7/16	260,0	200,0	211 112	1
12,0	15/32	160,0	100,0	211 120	1
12,0	15/32	210,0	150,0	211 122	1
12,0	15/32	260,0	200,0	211 121	1
12,0	15/32	310,0	250,0	211 124	1
12,0	15/32	460,0	* 400,0	211 123	1
12,0	15/32	600,0	* 550,0	211 125	1
12,0	15/32	1000,0	* 950,0	211 126	1
13,0	1/2	160,0	100,0	211 130	1



Ø mm	Ø inch	L1 mm	L2 mm		
13,0	1/2	210,0	150,0	211 133	1
13,0	1/2	260,0	200,0	211 131	1
13,0	1/2	310,0	250,0	211 132	1
14,0	9/16	160,0	100,0	211 140	1
14,0	9/16	210,0	150,0	211 141	1
14,0	9/16	260,0	200,0	211 142	1
14,0	9/16	310,0	250,0	211 143	1
14,0	9/16	460,0	* 400,0	211 144	1
14,0	9/16	600,0	* 550,0	211 145	1
14,0	9/16	1000,0	* 950,0	211 146	1
15,0	19/32	160,0	100,0	211 150	1
15,0	19/32	210,0	150,0	211 152	1
15,0	19/32	260,0	200,0	211 151	1
15,0	19/32	450,0	* 400,0	211 153	1
16,0	5/8	160,0	100,0	211 162	1
16,0	5/8	210,0	150,0	211 160	1
16,0	5/8	250,0	200,0	211 163	1
16,0	5/8	310,0	250,0	211 164	1
16,0	5/8	450,0	* 400,0	211 161	1
16,0	5/8	600,0	* 550,0	211 165	1
16,0	5/8	800,0	* 750,0	211 166	1
16,0	5/8	1000,0	* 950,0	211 167	1
17,0	43/64	210,0	150,0	211 170	1
18,0	11/16	200,0	150,0	211 180	1
18,0	11/16	250,0	200,0	211 184	1
18,0	11/16	300,0	250,0	211 183	1
18,0	11/16	450,0	* 400,0	211 181	1
18,0	11/16	600,0	* 550,0	211 185	1
18,0	11/16	1000,0	* 950,0	211 182	1
19,0	3/4	200,0	150,0	211 190	1
19,0	3/4	450,0	* 400,0	211 191	1
20,0	25/32	200,0	150,0	211 200	1
20,0	25/32	300,0	250,0	211 201	1
20,0	25/32	450,0	* 400,0	211 202	1
20,0	25/32	600,0	* 550,0	211 203	1
20,0	25/32	1000,0	* 950,0	211 204	1
22,0	7/8	250,0	200,0	211 221	1
22,0	7/8	300,0	250,0	211 222	1
22,0	7/8	450,0	* 400,0	211 220	1
22,0	7/8	600,0	* 550,0	211 223	1
22,0	7/8	1000,0	* 950,0	211 224	1
24,0	15/16	250,0	200,0	211 240	1
24,0	15/16	450,0	* 400,0	211 241	1
25,0	63/64	250,0	200,0	211 251	1
25,0	63/64	300,0	250,0	211 252	1
25,0	63/64	450,0	* 400,0	211 250	1
25,0	63/64	1000,0	* 950,0	211 253	1
26,0	1 3/16	250,0	200,0	211 261	1
26,0	1 3/16	450,0	* 400,0	211 260	1

* Pre-drill to a depth of approx. 150.0 mm using a shorter hammer drill bit of the same diameter.

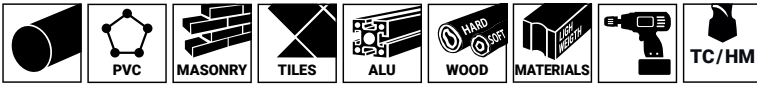
Packaging: plastic tube

Ø mm	Ø inch	L1 mm	L2 mm		
5,0	3/16	110,0	50,0	211 050 K	10
5,0	3/16	160,0	100,0	211 051 K	10
6,0	15/64	110,0	50,0	211 060 K	10
6,0	15/64	160,0	100,0	211 061 K	10
8,0	5/16	110,0	50,0	211 080 K	10
8,0	5/16	160,0	100,0	211 081 K	10
8,0	5/16	210,0	150,0	211 082 K	10
10,0	3/8	110,0	50,0	211 105 K	10
10,0	3/8	160,0	100,0	211 100 K	10
12,0	15/32	160,0	100,0	211 120 K	10
12,0	15/32	210,0	150,0	211 122 K	10
14,0	9/16	160,0	100,0	211 140 K	5
14,0	9/16	210,0	150,0	211 141 K	5



		
7 tq./pcs.	SDS-plus hammer drill set Ø 5.0 - 6.0 - 8.0 x 110.0 mm and Ø 6.0 - 8.0 - 10.0 - 12.0 x 160.0 mm	205 246 RO

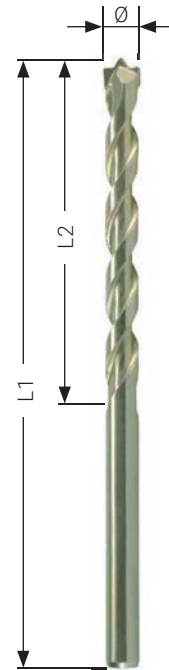




Universal drills with carbide cutting edge and straight shank

High time of exposure is guaranteed by a special alloyed steel quality. For precise center drilling on hard surfaces. Ideal for non splintering and precise drilling. Special tungsten carbide plate with center point.

Applications: for drilling in tiles, clinker, stone, masonry, plastics, non-ferrous metals, soft and hard wood and lightweight material. Only usable for revolving application in turning and impact drilling machines. Ideal for accumulator machines.



Packaging: self-service bag

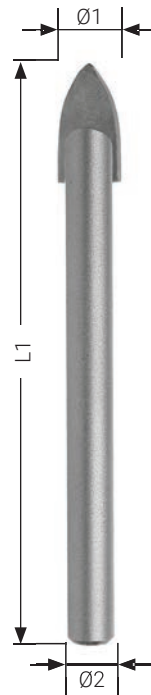
Ø mm	Ø inch	L1 mm	L2 mm		
5,0	3/16	95,0	50,0	223 050	1
6,0	15/64	100,0	60,0	223 060	1
8,0	5/16	120,0	80,0	223 080	1
10,0	3/8	120,0	80,0	223 100	1
12,0	15/32	150,0	90,0	223 120	1



Glass and tile drills with carbide cutting edge and straight shank

Best results with lower r.p.m. and good cooling with water, vinegar, turpentine and kerosine. Especially suited for drilling of window pane, mirror glass, bottles, porcelain, tiles, ceramics etc.

Cutting edge: special ground carbide plate
Soldering: high-strength special soldering



Packaging: self-service bag

Ø1 mm	Ø1 inch	Ø2 mm	L1 mm		
3,0	1/8	3,0	80,0	223 003	1
4,0	5/32	3,0	90,0	223 004	1
5,0	3/16	4,0	90,0	223 005	1
6,0	15/64	5,0	100,0	223 006	1
8,0	5/16	6,0	100,0	223 008	1
10,0	3/8	6,0	120,0	223 010	1
12,0	15/32	8,0	120,0	223 012	1



Hammer percussion drills with carbide cutting edges

High performance due to very stable and thin-walled core bit body.

Areas of application: for concrete, stone, masonry and brick.
Use: in rotary hammers up to max. 4.0 kg with SDS-plus chuck and 2-slot chuck.
In impact drills with hexagonal shank.

Required machine power: up to Ø 50.0 mm min. 600 watts from, Ø 65.0 mm min. 800 watts.
Supplied without centre drill and shank.



Cutting edge: special tungsten carbide tips
Soldering: high-strength special soldering
Adaptor: M16 thread



Packaging: plastic tube

Examples for applications	Ø mm	L1 mm	Drilling depth L2 mm	Quantity of teeth TC		
Sanitation and heating tubes	30,0	72,0	50,0	4	226 0301	1
Sanitation and heating tubes	35,0	72,0	50,0	4	226 0351	1
Waste, water and heating tubes	40,0	72,0	50,0	4	226 0401	1
Waste, water and heating tubes	50,0	72,0	50,0	6	226 0501	1
Switch boxes	68,0	72,0	50,0	6	226 0651	1
Branch and distribution boxes	82,0	72,0	50,0	6	226 0801	1
Branch, distribution and ventilating tubes	90,0	72,0	50,0	6	226 0901	1
Ventilating tubes	100,0	72,0	50,0	6	226 1001	1

Accessoires for percussion drills

Center drill with carbide cutting edge Ø 8,0 mm total length 120,0 mm	226 200	1
Adaptor with hexagon shank span of jaw 12,0 mm total length 95,0 mm	226 201	1
Adaptor SDS-plus total length 110,0 mm	226 203	1

