

### SDS-plus hammer drills

Cutting edge: strong special tungsten carbide plate in special alloying  
 Point angle: 130°  
 Soldering: high-performance special soldering  
 Shank: SDS-plus design

Highest solidity of the hammer drill is guaranteed by a strengthening of the core, therefore maximum power transmission. High capacity of resistance to wear on the basis of special hardening-blastening. Grooves for optimum removal of bore dust. Suitable for mounting parts.

Applications: for drilling in granite, concrete, clinker, stone, masonry, tiles and marble. Suitable in all hammer drills with SDS-plus adaptor and 2-groove adaptor as i.e. Hilti TE 10-22

Packaging: in plastic clip of 1 each

Ø mm	Ø inch	Total length mm	Working length mm	Part no.
3.5	9/64	110	50	R211035
4.0	5/32	110	50	R211040
4.0	5/32	160	100	R211041
<b>5.0</b>	<b>3/16</b>	<b>110</b>	<b>50</b>	<b>R211050</b>
<b>5.0</b>	<b>3/16</b>	<b>160</b>	<b>100</b>	<b>R211051</b>
5.0	3/16	210	150	R211052
5.5	7/32	110	50	R211055
5.5	7/32	160	100	R211056
<b>6.0</b>	<b>15/64</b>	<b>110</b>	<b>50</b>	<b>R211060</b>
<b>6.0</b>	<b>15/64</b>	<b>160</b>	<b>100</b>	<b>R211061</b>
6.0	15/64	210	150	R211062
6.0	15/64	260	200	R211063
6.0	15/64	460	*400	R211068
6.5	8/32	110	50	R211065
6.5	8/32	160	100	R211066
6.5	8/32	210	150	R211067
6.5	8/32	260	200	R211069
7.0	9/32	110	50	R211070
7.0	9/32	160	100	R211071
7.0	9/32	210	150	R211072
<b>8.0</b>	<b>5/16</b>	<b>110</b>	<b>50</b>	<b>R211080</b>
<b>8.0</b>	<b>5/16</b>	<b>160</b>	<b>100</b>	<b>R211081</b>
<b>8.0</b>	<b>5/16</b>	<b>210</b>	<b>150</b>	<b>R211082</b>
8.0	5/16	260	200	R211083
8.0	5/16	310	250	R211085
8.0	5/16	460	*400	R211084
8.0	5/16	610	*550	R211086
9.0	11/32	160	100	R211090
9.0	11/32	210	150	R211091
<b>10.0</b>	<b>3/8</b>	<b>110</b>	<b>50</b>	<b>R211105</b>
<b>10.0</b>	<b>3/8</b>	<b>160</b>	<b>100</b>	<b>R211100</b>
<b>10.0</b>	<b>3/8</b>	<b>210</b>	<b>150</b>	<b>R211101</b>
<b>10.0</b>	<b>3/8</b>	<b>260</b>	<b>200</b>	<b>R211102</b>
10.0	3/8	310	250	R211104
10.0	3/8	360	300	R211103
10.0	3/8	460	*400	R211106
10.0	3/8	610	*550	R211107
10.0	3/8	1000	*950	R211108
11.0	7/16	160	100	R211110
11.0	7/16	210	150	R211111
11.0	7/16	260	200	R211112
<b>12.0</b>	<b>15/32</b>	<b>160</b>	<b>100</b>	<b>R211120</b>
<b>12.0</b>	<b>15/32</b>	<b>210</b>	<b>150</b>	<b>R211122</b>
<b>12.0</b>	<b>15/32</b>	<b>260</b>	<b>200</b>	<b>R211121</b>
12.0	15/32	310	250	R211124
12.0	15/32	460	*400	R211123
12.0	15/32	600	*550	R211125
12.0	15/32	1000	*950	R211126
13.0	1/2	160	100	R211130



This Certification mark guarantees that our hammer drills are manufactured in compliance with the rules and regulations of the "Institute of Structural Engineering" and are usable for the manufacturing of dowel-holes.



\* Please note when using these bits it is recommended to pre-drill with a shorter hammer drill of a same diameter. Mostly required diameters are emphasised in **extra-bold** letters.

### SDS-plus hammer drills

Cutting edge: strong special tungsten carbide plate in special alloying  
 Point angle: 130°  
 Soldering: high-performance special soldering  
 Shank: SDS-plus design

Highest solidity of the hammer drill is guaranteed by a strengthening of the core, therefore maximum power transmission. High capacity of resistance to wear on the basis of special hardening-blastening. Grooves for optimum removal of bore dust. Suitable for mounting parts.

Applications: for drilling in granite, concrete, clinker, stone, masonry, tiles and marble. Suitable in all hammer drills with SDS-plus adaptor and 2-groove adaptor as i.e. Hilti TE 10-22

Packaging: in plastic clip of 1 each

Ø mm	Ø inch	Total length mm	Working length mm	Part no.
13.0	1/2	210	150	R211133
13.0	1/2	260	200	R211131
13.0	1/2	310	250	R211132
<b>14.0</b>	<b>9/16</b>	<b>160</b>	<b>100</b>	<b>R211140</b>
<b>14.0</b>	<b>9/16</b>	<b>210</b>	<b>150</b>	<b>R211141</b>
<b>14.0</b>	<b>9/16</b>	<b>260</b>	<b>200</b>	<b>R211142</b>
14.0	9/16	310	250	R211143
14.0	9/16	460	*400	R211144
14.0	9/16	600	*550	R211145
14.0	9/16	1000	*950	R211146
15.0	19/32	160	100	R211150
15.0	19/32	210	150	R211152
15.0	19/32	260	200	R211151
15.0	19/32	450	*400	R211153
16.0	5/8	160	100	R211162
16.0	5/8	210	150	R211160
16.0	5/8	250	200	R211163
16.0	5/8	310	250	R211164
16.0	5/8	450	*400	R211161
16.0	5/8	600	*550	R211165
16.0	5/8	800	*750	R211166
16.0	5/8	1000	*950	R211167
17.0	43/64	210	150	R211170
18.0	11/16	200	150	R211180
18.0	11/16	250	200	R211184
18.0	11/16	300	250	R211183
18.0	11/16	450	*400	R211181
18.0	11/16	600	*550	R211185
18.0	11/16	1000	*950	R211182
19.0	3/4	200	150	R211190
19.0	3/4	450	*400	R211191
20.0	25/32	200	150	R211200
20.0	25/32	300	250	R211201
20.0	25/32	450	*400	R211202
20.0	25/32	600	*550	R211203
20.0	25/32	1000	*950	R211204
22.0	7/8	250	200	R211221
22.0	7/8	300	250	R211222
22.0	7/8	450	*400	R211220
22.0	7/8	600	*550	R211223
22.0	7/8	1000	*950	R211224
24.0	15/16	250	200	R211240
24.0	15/16	450	*400	R211241
25.0	63/64	250	200	R211251
25.0	63/64	300	250	R211252
25.0	63/64	450	*400	R211250
25.0	63/64	1000	*950	R211253
26.0	1 3/16	250	200	R211261
26.0	1 3/16	450	*400	R211260



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### SDS-max concrete hammer drills with 4 cutters

Cutters: slight multi-cutter milling head with special tungsten carbide plate in special alloying

Soldering: high-performance special soldering

Shank: SDS-max design

Strengthening of the core with maximum power transmission. No risk of fracture when gathering armouring. Two big bore dust grooves ensure optimal removal of the bore dust. Reduced vibrations and less friction result in much less drilling time.

Applications: for drilling in granite, concrete, stone, masonry. Suitable in all hammer drills with SDS-max adaptor and 2-groove-adaptor as i.e. Hilti TE 42-92

Packaging: in plastic clip of 1 each

Ø mm	Ø inch	Total length mm	Working length mm	Quantity of cutters	Part no.
12.0	15/32	340	200	2	R225120
12.0	15/32	540	*400	2	R225121
12.0	15/32	690	*550	2	R225122
14.0	9/16	340	200	2	R225140
14.0	9/16	540	*400	2	R225141
15.0	19/32	340	200	2	R225150
15.0	19/32	540	*400	2	R225151
16.0	5/8	340	200	4	R225160
16.0	5/8	540	*400	4	R225161
18.0	11/16	340	200	4	R225180
18.0	11/16	540	*400	4	R225181
18.0	11/16	940	*800	4	R225182
20.0	25/32	320	200	4	R225200
20.0	25/32	520	*400	4	R225201
20.0	25/32	920	*800	4	R225202
22.0	7/8	320	200	4	R225220
22.0	7/8	520	*400	4	R225221
22.0	7/8	920	*800	4	R225222
24.0	15/16	320	200	4	R225240
24.0	15/16	520	*400	4	R225241
25.0	63/64	320	200	4	R225250
25.0	63/64	520	*400	4	R225251
25.0	63/64	920	*800	4	R225252
25.0	93/64	1320	*1200	4	R225253
28.0	1 1/8	370	250	4	R225280
28.0	1 1/8	570	*450	4	R225281
28.0	1 1/8	670	*550	4	R225282
30.0	1 3/16	370	250	4	R225300
30.0	1 3/16	570	*450	4	R225301
32.0	1 17/64	370	250	4	R225320
32.0	1 17/64	570	*450	4	R225321
32.0	1 17/64	920	*800	4	R225322
32.0	1 17/64	1320	*1200	4	R225323
35.0	1 3/8	370	250	4	R225350
35.0	1 3/8	570	*450	4	R225351
35.0	1 3/8	670	*550	4	R225352
38.0	1 1/2	370	250	4	R225380
38.0	1 1/2	570	*450	4	R225381
40.0	1 37/64	370	250	4	R225400
40.0	1 37/64	570	*450	4	R225401
40.0	1 37/64	920	*800	4	R225402
40.0	1 37/64	1320	*1200	4	R225403



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\* Please note when using these bits it is recommended to pre-drill with a shorter hammer drill of a same diameter.

### Percussion drills with carbide cutting edge and straight shank ISO 5468 - DIN 8039

Cutting edge: strong special tungsten carbide plate in special alloying

Point angle: 130°

Soldering: high performance special soldering

Shank: straight shank

Percussion drill made from coated special steel with high tenacity and resiliency in a special rugged finish. Good drilling capacity for high stressing.

Applications: for drilling in concrete, clinker, stone and masonry. Suitable for impact drilling machines with taper shaft for drill chucks.

Packaging: in plastic bags of 1

Ø mm	Ø inch	Total length mm	Working length mm	Part no.
3.0	1/8	70	40	R209030
4.0	5/32	75	40	R209040
5.0	3/16	85	50	R209050
5.0	3/16	150	90	R210050
6.0	15/64	100	60	R209060
6.0	15/64	150	90	R210060
6.5	1/4	100	60	R209065
6.5	1/4	150	90	R210065
7.0	9/32	100	60	R209070
8.0	5/16	120	80	R209080
8.0	5/16	200	150	R210080
10.0	25/64	120	80	R209100
10.0	25/64	200	150	R210100
11.0	25/64	200	150	R209110
12.0	15/32	150	90	R209120
12.0	15/32	200	150	R210120
13.0	1/2	150	90	R209130
14.0	9/16	150	90	R209140
15.0	19/32	160	100	R209150
16.0	5/8	160	100	R209160
18.0	11/16	160	100	R209180
20.0	25/32	160	100	R209200



### Stone drills with carbide cutting edge, galvanized and straight shank ISO 5468 - DIN 8039

Cutting edge: special tungsten carbide plate

Soldering: high performance special soldering

Applications: for drilling in concrete, clinker, stone and masonry. Suitable for impact drilling machines with taper shaft for drill chucks.

Ø mm	Total length mm	Working length mm	Part no.
3	60	30	R207030
4	70	40	R207040
5	85	50	R207050
5.5	85	50	R207055
6	85	50	R207060
6.5	85	50	R207065
7	100	60	R207070
8	100	60	R207080
9	100	60	R207090
10	120	80	R207100
11	120	80	R207110
12	120	80	R207120
13	120	80	R207130
14	120	80	R207140
15	150	95	R207150
16	150	95	R207160
17	150	95	R207170
18	150	95	R207180
19	160	105	R207190
20	160	105	R207200



### Masonry drills extra long with carbide cutting edge and hexagon shank ISO 5468 - DIN 8039

Cutting edge: special tungsten carbide plate in special alloying  
 Point angle: 130°  
 Soldering: high performance special soldering  
 Shank: hexagon shank

Masonry drill made from coated special steel with high tenacity and resiliency in a special rugged finish. Good drilling capacity for high stressing. Suitable for drilling in deep holes and walls

Applications: for concrete, stone and masonry.  
 Suitable for impact drilling machines with taper shaft for drill chucks.

Packaging: in plastic bags of 1

Ø mm	Ø inch	Total length mm	Working length mm	Part no.
8.0	5/16	400	350	R218080
10.0	25/64	400	350	R218100
10.0	25/64	600	*550	R218101
12.0	15/32	400	350	R218120
12.0	15/32	600	*550	R218121
14.0	9/16	400	350	R218140
14.0	9/16	600	550	R218141
16.0	5/8	400	350	R218160
18.0	11/16	400	350	R218180
20.0	25/32	400	350	R218200
20.0	25/32	600	*550	R218201
22.0	7/8	400	350	R218220
24.0	15/16	400	350	R218240



\* Please note when using these bits it is recommended to pre-drill with a shorter hammer drill of a same diameter

### Glass and tile drills with carbide cutting edge and straight shank

Cutting edge: special tungsten carbide plate polished  
 Soldering: high-performance special soldering  
 Shank: straight shank

Best results with lower r.p.m. and good cooling with water, vinegar, turpentine and kerosene.

Especially suited for drilling of window pane, mirror glass, bottles, porcelain, tiles, ceramics etc.

Right hand cutting

Packing unit: in plastic bags of 1

Ø mm	Ø inch	Shank Ø mm	Total length mm	Part no.
3.0	1/8	3	58	R223003
4.0	5/32	3	58	R223004
5.0	3/16	4	58	R223005
6.0	15/64	5	58	R223006
8.0	5/16	6	78	R223008
10.0	25/64	6	98	R223010
12.0	15/32	8	98	R223012



### SDS Plus chisels

Material: high-quality special steel  
 Surface: high capacity of resistance to wear on the basis of special hardening-plastening  
 Shank: SDS-plus design

Special impact resistant chisel forged in one piece with high surface-harden. Optimum denudation capacity by maximum energy transmission of the hammer drill to the chisel edge.

Applications: for chiselling in concrete, masonry, stone, bricks. Suitable for all hammer drills with SDS-plus adaptor and 2-groove adaptor with rotating stop. Eye shield is necessary.

Packaging: in plastic clip of 1 each

Description	Part no.
Pointed chisel, total length 250mm, round version	R227001
Flat chisel, total length 250mm, breadth 20mm	R227003
Spade chisel, total length 250mm, breadth 40mm	R227004
Channel chisel, total length 250mm, breadth 22mm	R227005
Comb chisel, total length 250mm, breadth 27mm	R227006

### SDS Max Chisels

Material: high-quality special steel  
 Surface: high capacity of resistance to wear on the basis of special hardening-plastening  
 Shank: SDS-max design

Special impact resistant chisel forged in one piece with high surface harden. Optimum denudation capacity by maximum energy transmission of the hammer drill to the chisel edge

Applications: for chiselling in concrete, masonry, stone, bricks. Suitable for all hammer drills with SDS-plus adaptor and 2-groove adaptor with rotating stop. Eye shield is necessary.

Packaging: in plastic clip of 1 each

Packing unit: in plastic bags of 1

Description	Part no.
Pointed chisel, total length 400mm	R227011
Flat chisel, total length 280mm, breadth 25mm	R227013
Flat chisel, total length 400mm, breadth 25mm	R227014
Flat chisel, total length 600mm, breadth 25mm	R227015
Spade chisel, total length 400mm, breadth 50mm	R227016
Spade chisel, total length 300mm, breadth 75mm	R227017
Channel chisel, total length 300mm, breadth 26mm	R227018



R227018

R227016

R227013