CONCRETE DRILLS

CMS
Industrial Equipment Company
6112 N. Mesa St. #127, El Paso, TX 79912
Ph: 1-866-566-0222

RUKO

Concrete drills

- SDS-plus hammer drills
- SDS-plus hammer drills with 3 cutters
- SDS-plus concrete hammer drills with 3 cutters
- Concrete drills with carbide cutting edge and straight shank
- Masonry drills extra long with carbide cutting edge and hexagon shank
- Percussion drills with carbide cutting edge and straight shank
- SDS-max concrete hammer drills
- Universal drills with carbide cutting edge and straight shank
- Glass and tile drills with carbide cutting edge and straight shank
- Hammer percussion drill bits with carbide cutting edges
- SDS-plus and SDS-max chisels

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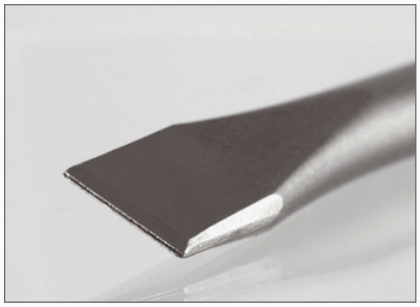
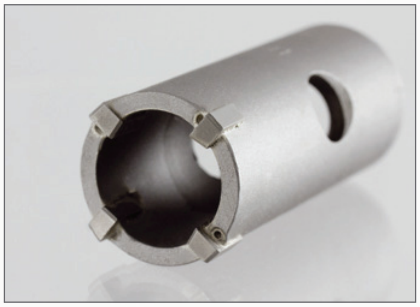
Overview of symbols

- right hand cutting
- Point angle e.g. 130°
- Drilling depth: up to 60,0 mm
- Shank: SDS-Plus
- Shank: SDS-Max
- Shank: cylindrical
- Hexagon shank
- ISO 5468
- DIN 8039
- Concrete
- Non-ferrous metals
- Plastics
- Glass
- Masonry
- Granite and marble
- Tiles
- Bricks
- Lightweight material
- Hardwoods and softwoods
- Accumulator machines





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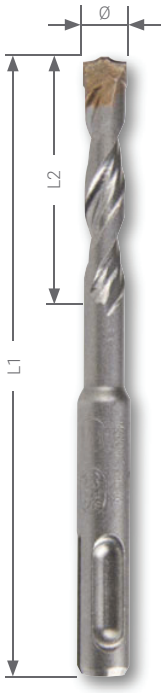
SDS-plus hammer drills

Longer service life in concrete and reinforcement thanks to the stabilised head geometry and rounded cutting edges. Patented double-edge cutting design according to the bionic principle.

Innovative Twinmax 3D spiral profile provides the ideal removal of drill dust. Certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik. (DiBt).

Fields of application: for granite, concrete, concrete reinforcement, clinker, stone, brickwork and marble. In all hammer drills with SDS-plus adaptor and 2-groove adaptor such as Hilti TE 10-22.



Packaging: in plastic clip of 1 each

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
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

Ø mm	Ø Inch	L1 mm	L2 mm	Article no.	
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
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

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SDS-plus hammer drills

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
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

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
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

* 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 emphasized in extra-bold letters.

SDS-plus hammer drills in plasic box

Fields of application: for granite, concrete, concrete reinforcement, clinker, stone, brickwork and marble. In all hammer drills with SDS-plus adaptor and 2-groove adaptor such as Hilti TE 10-22.

	Article no.
7-piece set of SDS-plus hammer drills in steel case 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
7-piece set of SDS-plus hammer drills in plastic case 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

SDS-plus hammer drills sets

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
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

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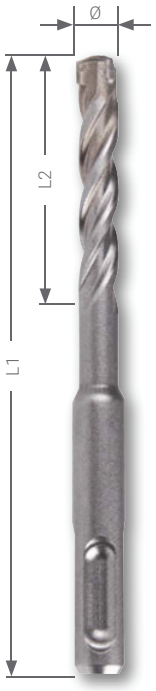
SDS-plus hammer drills with 3 cutters

Impeller cutting edge with 3 blades for more effective material removal; increased power transmission thanks to shaft-form head design; extremely long service life thanks to extremely wear-resistant single-phase tungsten carbide alloy; stable head geometry due to embedded tungsten carbide head; optimised low-vibration triple spiral; DuraTec hardening technique; certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik. (DIBt).

Fields of application: for granite, concrete, clinker, stone, brickwork and marble.
In all hammer drills with SDS-plus adaptor and 2-groove adaptor such as Hilti TE 10-22.



Packaging: in plastic clip of 1 each

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
5,0	3/16	110,0	50,0	213 050	1
5,0	3/16	160,0	100,0	213 051	1
5,0	3/16	210,0	150,0	213 052	1
5,5	7/32	110,0	50,0	213 055	1
5,5	7/32	160,0	100,0	213 056	1
6,0	15/64	115,0	50,0	213 060	1
6,0	15/64	165,0	100,0	213 061	1
6,0	15/64	215,0	150,0	213 062	1
6,0	15/64	265,0	200,0	213 063	1
6,5	8/32	115,0	50,0	213 065	1
6,5	8/32	165,0	100,0	213 066	1
6,5	8/32	265,0	200,0	213 067	1
8,0	5/16	115,0	50,0	213 080	1
8,0	5/16	165,0	100,0	213 081	1
8,0	5/16	215,0	150,0	213 082	1
8,0	5/16	265,0	200,0	213 083	1
8,0	5/16	365,0	300,0	213 084	1
8,0	5/16	465,0	400,0	213 085	1
10,0	3/8	115,0	50,0	213 100	1
10,0	3/8	165,0	100,0	213 101	1
10,0	3/8	215,0	150,0	213 102	1
10,0	3/8	265,0	200,0	213 103	1
10,0	3/8	365,0	300,0	213 104	1
10,0	3/8	465,0	400,0	213 105	1
12,0	15/32	165,0	100,0	213 120	1
12,0	15/32	215,0	150,0	213 121	1
12,0	15/32	265,0	200,0	213 122	1
12,0	15/32	365,0	300,0	213 123	1
12,0	15/32	465,0	400,0	213 124	1
14,0	9/16	165,0	100,0	213 140	1
14,0	9/16	215,0	150,0	213 141	1
14,0	9/16	265,0	200,0	213 142	1
14,0	9/16	365,0	300,0	213 143	1
14,0	9/16	465,0	400,0	213 144	1

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SDS-plus hammer drill sets with 3 cutters

	Article no.
7-piece set of SDS-plus hammer drills in steel case 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	213 246
77-piece set of SDS-plus hammer drills in plastic case 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	213 246 RO

SDS-plus hammer drills with 3 cutters in plastic box

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
5,0	3/16	110,0	50,0	213 050 K	10
5,0	3/16	160,0	100,0	213 051 K	10
6,0	15/64	110,0	50,0	213 060 K	10
6,0	15/64	160,0	100,0	213 061 K	10
8,0	5/16	110,0	50,0	213 080 K	10
8,0	5/16	160,0	100,0	213 081 K	10
8,0	5/16	210,0	150,0	213 082 K	10
10,0	3/8	110,0	50,0	213 100 K	10
10,0	3/8	160,0	100,0	213 101 K	10
12,0	15/32	160,0	100,0	213 120 K	10
12,0	15/32	210,0	150,0	213 121 K	10
14,0	9/16	160,0	100,0	213 140 K	5
14,0	9/16	210,0	150,0	213 141 K	5

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SDS-plus concrete hammer drills with 3 cutters

3D cutting edge profile in Y-shape for exact positioning and ideal starting; long service life and low probability of breakage, even on impact with reinforcements thanks to the highly effective technique of hardening by blasting; high drilling speed due to wide Twinmax spirals; vibration-optimised drilling performance; certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik. (DIBt).

Application: in all hammer drills with SDS-plus adaptor and 2-groove adaptor such as Hilti TE 10-22.

Packaging: in plastic bags of 1 each

Ø mm	Ø inch	L1 mm	L2 mm	Quantity of cutters	Article no.	
16,0	5/8	250,0	200,0	3	224 161	1
16,0	5/8	450,0	* 400,0	3	224 160	1
18,0	11/16	250,0	200,0	3	224 180	1
18,0	11/16	450,0	* 400,0	3	224 181	1
20,0	25/32	250,0	200,0	3	224 200	1
20,0	25/32	450,0	* 400,0	3	224 201	1
22,0	7/8	450,0	* 400,0	3	224 220	1
24,0	15/16	450,0	* 400,0	3	224 240	1
25,0	63/64	450,0	* 400,0	3	224 250	1
28,0	1 1/8	450,0	* 400,0	3	224 280	1
30,0	1 3/16	450,0	* 400,0	3	224 300	1

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

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Concrete drills with carbide cutting edge and straight shank

Long service life due to ideal tungsten carbide geometry with large carbide tip angle; wide Twin-max-G2 spirals; special surface hardening technique by blasting guarantees extreme breaking strength.

Fields of application: for granite, concrete, clinker, stone, brickwork, wall tiles and marble.
Application: in light hammer drills and strong impact drills with chuck adaptor.

Packing unit:
Art-. No. 221... in plastic bags of 1
Art-. No. 221... K in plastic box

Ø mm	Ø inch	L1 mm	L2 mm	Article no.		Article no.	
3,0	1/8	70,0	40,0	221 030	1	-	-
4,0	5/32	75,0	40,0	221 040	1	221 040 K	10
5,0	3/16	85,0	50,0	221 050	1	221 050 K	10
5,0	3/16	150,0	90,0	221 051	1	-	-
6,0	15/64	100,0	60,0	221 060	1	221 060 K	10
6,0	15/64	150,0	90,0	221 061	1	-	-
6,5	1/4	100,0	60,0	221 065	1	-	-
6,5	1/4	150,0	90,0	221 066	1	-	-
7,0	9/32	100,0	60,0	221 070	1	-	-
8,0	5/16	120,0	80,0	221 080	1	221 080 K	10
8,0	5/16	250,0	200,0	221 081	1	-	-
10,0	3/8	120,0	80,0	221 100	1	221 100 K	10
10,0	3/8	250,0	200,0	221 101	1	-	-
12,0	15/32	150,0	90,0	221 120	1	221 120 K	5
12,0	15/32	250,0	200,0	221 121	1	-	-
13,0	1/2	150,0	90,0	221 130	1	-	-
14,0	9/16	150,0	90,0	221 140	1	221 140 K	5
14,0	9/16	250,0	200,0	221 141	1	-	-
16,0	5/8	160,0	100,0	221 160	1	-	-
18,0	11/16	160,0	100,0	221 180	1	-	-
20,0	25/32	160,0	100,0	221 200	1	-	-

Concrete drill sets with carbide cutting edge and straight shank

	Article no.
7-piece set of concrete drills with carbide cutting edge and straight shank in steel case Ø 4,0 x 75,0 mm - 5,0 x 85,0 mm - 6,0 x 100,0 mm - 6,0 x 100,0 mm Ø 8,0 x 120,0 mm - 10,0 x 120,0 mm - 12,0 x 150,0 mm	205 255
7-piece set of concrete drills with carbide cutting edge and straight shank in plastic case Ø 4,0 x 75,0 mm - 5,0 x 85,0 mm - 6,0 x 100,0 mm - 6,0 x 100,0 mm Ø 8,0 x 120,0 mm - 10,0 x 120,0 mm - 12,0 x 150,0 mm	205 255 RO

205 255

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Masonry drills extra long with carbide cutting edge and hexagon shank

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

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

Packing unit: in plastic bags of 1

Ø mm	Ø inch	L1 mm	L2 mm	inch	
8,0	5/16	400,0	350,0	218 080	1
10,0	3/8	400,0	350,0	218 100	1
12,0	15/32	400,0	350,0	218 120	1
14,0	9/16	400,0	350,0	218 140	1
16,0	5/8	400,0	350,0	218 160	1
18,0	11/16	400,0	350,0	218 180	1
20,0	25/32	400,0	350,0	218 200	1

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Percussion drills with carbide cutting edge and 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. Strong special tungsten carbide plate in special alloying.

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

Packing unit:
Art-. No. 209... in plastic bags of 1
Art-. No. 209... K in plastic box

Ø mm	Ø inch	L1 mm	L2 mm	Article no.		Article no.	
3,0	1/8	70,0	40,0	209 030	1	-	-
4,0	5/32	75,0	40,0	209 040	1	209 040 K	10
5,0	3/16	85,0	50,0	209 050	1	209 050 K	10
5,0	3/16	150,0	90,0	210 050	1	-	-
6,0	15/64	100,0	60,0	209 060	1	209 060 K	10
6,0	15/64	150,0	90,0	210 060	1	-	-
6,5	1/4	100,0	60,0	209 065	1	-	-
6,5	1/4	150,0	90,0	210 065	1	-	-
7,0	9/32	100,0	60,0	209 070	1	-	-
8,0	5/16	120,0	80,0	209 080	1	209 080 K	10
8,0	5/16	200,0	150,0	210 080	1	-	-
10,0	3/8	120,0	80,0	209 100	1	209 100 K	10
10,0	3/8	200,0	150,0	210 100	1	-	-
12,0	15/32	150,0	90,0	209 120	1	209 120 K	5
12,0	15/32	200,0	150,0	210 120	1	-	-
13,0	1/2	150,0	90,0	209 130	1	-	-
14,0	9/16	150,0	90,0	209 140	1	209 140 K	5
15,0	19/32	160,0	100,0	209 150	1	-	-
16,0	5/8	160,0	100,0	209 160	1	-	-
18,0	11/16	160,0	100,0	209 180	1	-	-
20,0	25/32	160,0	100,0	209 200	1	-	-

Percussion drill set with carbide cutting edge and straight shank

	Article no.
7-piece set of percussion drills with carbide cutting edge and straight shank in steel case Ø 4,0 x 75,0 mm - 5,0 x 85,0 mm - 6,0 x 100,0 mm - 6,0 x 100,0 mm - Ø 8,0 x 120,0 mm - 10,0 x 120,0 mm - 12,0 x 150,0 mm	205 256
7-piece set of percussion drills with carbide cutting edge and straight shank n plastic case Ø 4,0 x 75,0 mm - 5,0 x 85,0 mm - 6,0 x 100,0 mm - 6,0 x 100,0 mm - 8,0 x 120,0 mm - 10,0 x 120,0 mm - 12,0 x 150,0 mm	205 256 RO

205 256

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SDS-max concrete hammer drills

3D cutting edge profile in Y-shape for exact positioning and ideal starting; long service life and low probability of breakage, even on impact with reinforcements thanks to the highly effective technique of hardening by blasting; high drilling speed due to wide Twinmax spirals; vibration-optimised drilling performance; certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik. (DIBt).

Application: in all hammer drills with SDS-plus adaptor and 2-groove adaptor such as Hilti TE 10-22.

Packaging: in plastic bags of 1 each

Ø mm	Ø inch	L1 mm	L2 mm	Quantity of cutters	Article no.	
12,0	15/32	340,0	200,0	2	225 120	1
12,0	15/32	540,0	* 400,0	2	225 121	1
14,0	9/16	340,0	200,0	2	225 140	1
14,0	9/16	540,0	* 400,0	2	225 141	1
15,0	19/32	340,0	200,0	2	225 150	1
15,0	19/32	540,0	* 400,0	2	225 151	1
16,0	5/8	340,0	200,0	4	225 160	1
16,0	5/8	540,0	* 400,0	4	225 161	1
18,0	11/16	340,0	200,0	4	225 180	1
18,0	11/16	540,0	* 400,0	4	225 181	1
18,0	11/16	940,0	* 800,0	4	225 182	1
20,0	25/32	320,0	200,0	4	225 200	1
20,0	25/32	520,0	* 400,0	4	225 201	1
20,0	25/32	920,0	* 800,0	4	225 202	1
22,0	7/8	320,0	200,0	4	225 220	1
22,0	7/8	520,0	* 400,0	4	225 221	1
22,0	7/8	920,0	* 800,0	4	225 222	1
24,0	15/16	320,0	200,0	4	225 240	1
24,0	15/16	520,0	* 400,0	4	225 241	1
25,0	63/64	320,0	200,0	4	225 250	1
25,0	63/64	520,0	* 400,0	4	225 251	1
25,0	63/64	920,0	* 800,0	4	225 252	1
25,0	93/64	1320,0	* 1200,0	2	225 253	1
28,0	1 1/8	520,0	400,0	4	225 281	1
32,0	1 17/64	920,0	* 800,0	4	225 322	1
32,0	1 17/64	1320,0	* 1200,0	2	225 323	1
35,0	1 3/8	520,0	400,0	4	225 351	1
38,0	1 1/2	370,0	250,0	4	225 380	1
40,0	1 37/64	920,0	* 800,0	4	225 402	1
40,0	1 37/64	1320,0	* 1200,0	2	225 403	1

* 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 emphasized in extra-bold letters.

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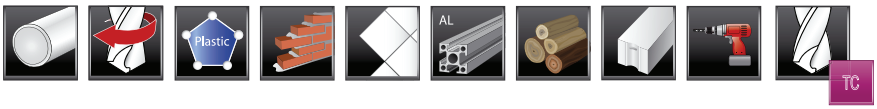
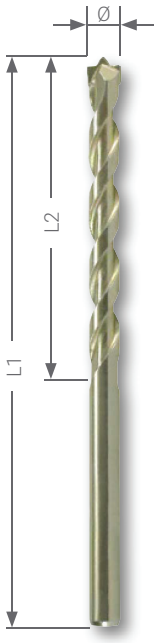


Universal drills with carbide cutting edge and straight shank

High time of exposure is guaranteed by a special alloyed steel quality. For precise center drilling on hard surfaces. Ideal for non splittering 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.



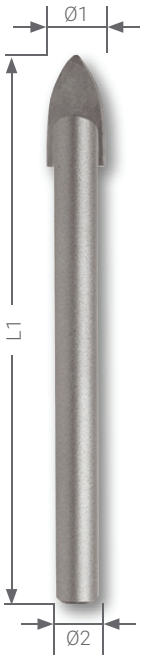
Packing unit: in plastic bags of 1

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
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 tungsten carbide plate polished
Soldering: high-performance special soldering



Packing unit: in plastic bags of 1

Ø mm	Ø inch	L1 mm	L2 mm	Article no.	
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	100,0	223 010	1
12,0	15/32	8,0	100,0	223 012	1

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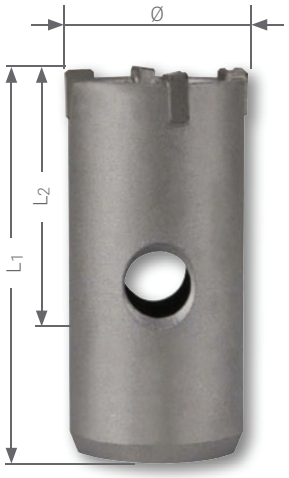
Hammer percussion drill bits with carbide cutting edges

High efficiency is guaranteed by the very stable and thin-walled drill bit body.
Applications: for drilling in concrete, stone, masonry and bricks.

Suitable for hammer drills up to 4,0 kg maximum with SDS-plus adaptor. In impact drilling machines with hexagon shank.

Necessary machine-efficiency: up to Ø 50,0 mm at least 600 Watt and up to Ø 65,0 mm at least 800 Watt. Delivery without center drill and adaptor.



Cutting edges: strong special tungsten carbide plates with special alloying
Soldering: high-performance special soldering
Adaptor: thread M16

Packaging: in plastic bags of 1 each

Examples for applications	Ø mm	L1 mm	L2 mm	Quantity of teeth TC	Article no.	
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 drill bits

	Article no.	
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

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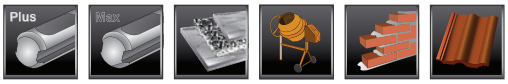

SDS-plus and SDS-max chisels

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 chiseling in concrete, masonry, stone, bricks.
Suitable for all hammer drills with SDS-plus / SDS-max adaptor and 2-groove adaptor with rotating stop. Eye shield is necesarry.

Material: high-quality special steel
Surface: high capacity of resistance to wear on the basis of special solidification

Packaging: in plastic bags of 1 each

SDS-plus chisels

	Length L1 mm	Breath B1 mm	Shank Ø mm	Article no.	
Pointed chisel, round version	250,0	-	10,0	227 001	1
Flat chisel	250,0	20,0	-	227 003	1
Spade chisel	250,0	40,0	-	227 004	1
Channel chisel	250,0	22,0	-	227 005	1
Comb chisel	250,0	27,0	-	227 006	1

SDS-max chisels

	Length L1 mm	Breath B1 mm	Shank Ø mm	Article no.	
Pointed chisel, round version	280,0	-	18,0	227 010	1
Pointed chisel, round version	400,0	-	18,0	227 011	1
Pointed chisel, round version	600,0	-	18,0	227 012	1
Flat chisel	280,0	25,0	-	227 013	1
Flat chisel	400,0	25,0	-	227 014	1
Flat chisel	600,0	25,0	-	227 015	1
Spade chisel	400,0	50,0	-	227 016	1
Spade chisel	300,0	75,0	-	227 017	1
Channel chisel	300,0	26,0	-	227 018	1

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