

DRILL BITS FOR STONE



**Professional
Cutting Tools**

List with machines (and models) to shank types

Shank	Manufacturer	Type / Model
SDS-plus (Ø10mm)	n/a	Fits all machines (hammer drills) with SDS-plus connection
	Bosch	GBH 4-32, GBH 3-28
	Makita	BHR261RDE
	Hilti	TE6, TE7
	Milwaukee	PFH 26
SDS-top (Ø14mm)	Bosch	GBH-4-Top
	Hilti	TE 25 T, TE 35
	Makita	HR 3550 C
SDS-max (Ø18mm)	AEG	PN 6000 S, PN 4000 E, PN 11 E
	Atlas Copco	PHE 6 S, PHE 7 S, PHE 40 S, PHE 45 S, PHE 50 S
	Bosch	BH 5/40 DCE, GBH 8/65 DCE, GBH 10 DC, GBH 7 DCE, GBH 5 DCE, GBH 5/40 DE, GBH 7/45 DE, GBH 11 DE, GSH 5 CE, GSH 11 E
	DeWalt	DW 540 K, DW 541 K, DW 545 K, D25600K, D25700K, D25730K
	ELU	BH 40 K, BH 40 EK, BH 45 EK
	Hilti	TE 55, TE 75, TE 76, TE 76 ATC
	Hitachi	DH 40 MA, DH 40 MB, DH 50 MB, DH 38 MS
	ITW Spit	351, 355, 385, 371
	Kango	760 MV, 850 MV, 810 MV, 48 MV, 845 MV
	Kress	1150 PSK max
	Makita	HR 4000 C, HR 5001 C, HR 4500 C, HR 5210 C, HR 4011 C, HR 4511 C
	Metabo	BhE 6045 S, KHE56, KHE55, KHE75
	Milwaukee	53 13 51, PH 40, PHE 40 SQ, PHE 45 SQ, PHE 50 SQ, 950 S
	Wacker	EHB 7/230, EH 9 BLM, EHB 11 BLM
	Splined (Ø19mm)	Atlas Copco
Bosch		UBH 12/50
DeWalt		DW 530 K, DW 531 K, DW 532 K, DW 533 K
ELU		BH 41 K, BH 41 EK, BH 46 EK
Hitachi		DH 40 FA, DH 40 FB
ITW Spit		350
Kango		950 SV, 760 SV, 850 SV
Marto		RW 50 K
Makita		HR 3520 B, HR 3850 B, HR 5000, HR 3851, HR 4040 C
Metabo		BhE 6030 S
Hexagon 13	Hitachi	DH 28 Y, DH 40 YB
13mm AF Hex.	Makita	HR 3510, HR 3520, HR 3850 B, HR 8035 NB
Hexagon 19	Atlas Copco	PH 11 C
19mm AF Hex.	Hitachi	DH 50 SA 1
	Kango	760 KV, 850 KV, 950 KV
	Makita	HR 3850 K, HR 5000 K
	Milwaukee	950 K

SHANKS / DRIVES



Shank according to SDS-plus standard. Diameter \varnothing 10mm.



Shank according to SDS-plus standard. Diameter \varnothing 18mm.



Hexagon shank $\frac{1}{4}$ " (6.3mm) according to DIN 3126 shape C.



Hexagon shank $\frac{1}{4}$ " (6.3mm) according to DIN 3126 shape E.



Hexagon shank $\frac{1}{4}$ " (6.3mm).

GEOMETRIES / PROPERTIES



Carbide tip with 2 cutting edges for hammer drill bits.



Carbide tip with 4 cutting edges for hammer drill bits.

APPLICATIONS



Hammering applications are not allowed.

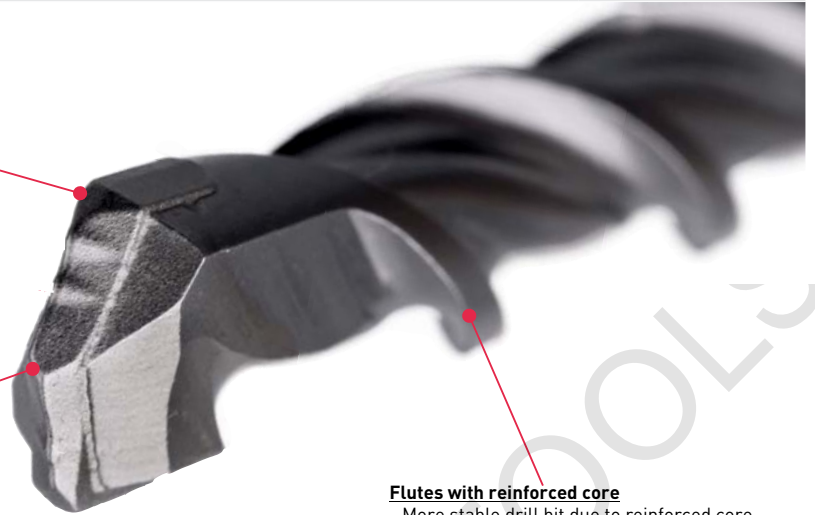
Hammer drill bits

Enlarged rebar chamfers

- Enlarged rebar chamfers (+35%)
- Prevents side tip damage when hitting rebar
- Reduce likelihood of the drill bit jamming when hitting rebar

Centering tip

- Ensures immediate spot drilling
- Prevents skidding on smooth surfaces



Flutes with reinforced core

- More stable drill bit due to reinforced core
- Typical and recognisable shoulder of the flutes with a tapered geometry.
- Reduced friction due to tapered shoulders, resulting in higher speeds and therefore also suitable for use in cordless drills.



Execution: Hammer drill bits with SDS-plus shank (ø10mm). Innovative design allows easy centring and pilot-drilling, ensures long tool life with fast drilling speeds due to unique geometry of the carbide tip, efficient debris removal due to multi-spiral flutes and maximized stability due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Diameter	Overall length	Flute length
4,0	110	50
4,0	160	100
5,0	110	50
5,0	140	80
5,0	160	100
5,0	210	150
5,0	310	250
5,0	360	300
5,0	400	340
5,5	110	50
5,5	160	100
5,5	210	150
5,5	260	200
5,5	310	250
6,0	110	50
6,0	160	100
6,0	210	150
6,0	260	200
6,0	310	250
6,0	460	400
6,5	110	50
6,5	160	100
6,5	210	150
6,5	260	200
6,5	310	250
6,5	400	340
7,0	110	50
7,0	160	100
7,0	210	150
7,0	250	190
8,0	110	50
8,0	160	100
8,0	210	150
8,0	260	200
8,0	310	250
8,0	400	340
8,0	460	400
8,0	610	550
8,0	1000	950
8,5	260	200

Diameter	Overall length	Flute length
9,0	160	100
9,0	210	150
9,5	160	100
10,0	110	50
10,0	160	100
10,0	210	150
10,0	260	200
10,0	310	250
10,0	350	290
10,0	450	400
10,0	600	540
10,0	800	740
10,0	1000	940
11,0	160	100
11,0	210	160
11,0	260	210
11,0	310	260
12,0	160	110
12,0	210	160
12,0	260	210
12,0	310	260
12,0	450	400
12,0	600	550
12,0	1000	950
13,0	160	100
13,0	210	160
13,0	260	210
13,0	310	260
13,0	600	550
14,0	160	110
14,0	210	160
14,0	260	210
14,0	310	260
14,0	450	400
14,0	600	550
14,0	1000	950
15,0	160	110
15,0	210	160
15,0	260	210
15,0	450	400

Diameter	Overall length	Flute length
16,0	160	110
16,0	210	160
16,0	260	210
16,0	310	260
16,0	450	400
16,0	600	550
16,0	800	750
16,0	1000	950
17,0	210	160
17,0	450	400
18,0	200	150
18,0	250	200
18,0	300	250
18,0	450	400
18,0	600	550
18,0	1000	950
19,0	200	150
19,0	450	400
20,0	200	150
20,0	300	250

Diameter	Overall length	Flute length
20,0	450	400
20,0	600	550
20,0	1000	950
22,0	250	200
22,0	300	250
22,0	450	400
22,0	600	550
22,0	1000	950
23,0	250	200
23,0	450	400
24,0	250	200
24,0	450	400
24,0	600	550
24,0	1000	950
25,0	250	200
25,0	450	400
25,0	600	550
25,0	1000	950
26,0	250	200
26,0	450	400

Hammer drill bits, SDS-plus, packs of 10 pcs



Execution: Hammer drill bits with SDS-plus shank (ø10mm). Innovative design allows easy centring and pilot-drilling, ensures long tool life with fast drilling speeds due to unique geometry of the carbide tip, efficient debris removal due to multi-spiral flutes and maximized stability due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Diameter	Overall length	Flute length
4,0	110	50
4,0	160	100
5,0	110	50
5,0	140	80
5,0	160	100
5,0	210	150
5,0	310	250
5,5	110	50
5,5	160	100
5,5	210	150
5,5	260	200
5,5	310	250
6,0	110	50
6,0	160	100
6,0	210	150
6,0	260	200
6,5	110	50
6,5	160	100
6,5	210	150
6,5	260	200
6,5	310	250
7,0	110	50
7,0	160	100
7,0	210	150
8,0	110	50

Diameter	Overall length	Flute length
8,0	160	100
8,0	210	150
8,0	260	200
8,0	310	250
8,5	160	100
9,0	160	100
9,0	210	150
9,5	160	100
10,0	110	50
10,0	160	100
10,0	210	150
10,0	260	200
10,0	310	250
11,0	160	110
11,0	210	160
11,0	260	210
11,0	310	260
12,0	160	110
12,0	210	160
12,0	260	210
12,0	310	260
14,0	160	110
14,0	210	160
14,0	260	210

Hammer drill bits, SDS-plus, in ABS-cassette



Execution: Hammer drill bits with SDS-plus shank (ø10mm). Innovative design allows easy centring and pilot-drilling, ensures long tool life with fast drilling speeds due to unique geometry of the carbide tip, efficient debris removal due to multi-spiral flutes and maximized stability due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Description	Drill type	Content
7 pc set hammer drill bits SDS-plus	" 7 "	ø5, 6 and 8x110mm / 1 pc each ø6, 8, 10 and 12x160mm / 1 pc each

Hammer drill bits, SDS-plus, in case



Execution: Hammer drill bits with SDS-plus shank (ø10mm). Innovative design allows easy centring and pilot-drilling, ensures long tool life with fast drilling speeds due to unique geometry of the carbide tip, efficient debris removal due to multi-spiral flutes and maximized stability due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Description	Drill type	Content
40 pc set hammer drill bits SDS-plus,	" 40 "	ø6x110mm / 5 pcs each ø6, 8, 10 and 12x160mm / 5 pcs each ø8, 10 and 12x210mm / 5 pcs each

Hammer drill bits, SDS-plus, in case



Execution: Hammer drill bits with SDS-plus shank (ø10mm). Innovative design allows easy centring and pilot-drilling, ensures long tool life with fast drilling speeds due to unique geometry of the carbide tip, efficient debris removal due to multi-spiral flutes and maximized stability due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Description	Drill type	Content
40 pc set hammer drill bits SDS-plus	40	ø6x110mm / 5 pcs each ø6, 8, 10 and 12x160mm / 5 pcs each ø8, 10 and 12x210mm / 5 pcs each

Adapters



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Application: Adapters to and from SDS-plus (ø10mm)

Nr.	Drive	To
1	SDS-max (ø18mm)	SDS-plus (ø10mm)
2	Spline (ø19mm)	SDS-plus (ø10mm)
3	Hexagon 13	SDS-plus (ø10mm)
4	SDS-plus (ø10mm)	1/2" - 20 UNF
5	SDS-plus (ø10mm)	1/4" insert bit

Bitro



Execution: Adapter from hammer drill bit to 1/4" insert bit socket. The adapter is mounted on top of the hammer drill bit that is already mounted in the hammer drill. The adapter fits on all current hammer drill bits.

Application: Turn your hammer drill into a screw driver within seconds and without any special tools or complicated procedures.

Drill bit ø	Colour
5	orange
6	green
6,5	yellow
8	red
10	blue

Hammer drill bits, SDS-plus,

Rebar chamfers

- Strong rebar chamfers on all four cutting edges.
- Improved drilling behaviour when hitting rebar.

Solid carbide drill tip

- Drilling tip from one piece of sintered solid carbide with a unique cutting geometry.
- Drilling loads equally balanced over 4 cutting edges.
- Maximized contact surface between drill body and carbide drill tip for maximum strength and stability.
- Optimized load transfer from the drill body to the carbide drill tip.
- Ideal 4x90° symmetry.

Centering tip

- Precise and effortless spot drilling.
- Prevents skidding on smooth surfaces.

Reinforced drill core

- Optimized and reinforced core for reliable and low-vibration drilling applications.
- Four equally spacious flutes for an optimized evacuation of drilling debris.
- Extremely high breaking load due to high grade steel qualities and an innovative design.



Execution: Hammer drill bits with SDS-plus shank (ø10mm). 4 cutting edges allows easy centring and pilot-drilling, ensures less friction and better guidance which results in better hole geometry, longer tool life with fast drilling speeds due to unique geometry of the carbide tip, maximized stability, comfortable and low-vibration operation due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Diameter	Overall length	Flute length
5,0	110	50
5,0	160	100
5,0	210	150
5,0	260	210
5,0	310	250
5,5	110	50
5,5	160	100
6,0	110	50
6,0	160	100
6,0	210	150
6,0	260	200
6,0	310	250
6,5	160	100
6,5	210	150
6,5	260	200
6,5	310	250
7,0	110	50
7,0	160	100
7,0	210	150
8,0	110	50
8,0	160	100
8,0	210	150
8,0	260	200
8,0	310	250
8,0	460	400
9,0	160	100
9,0	260	200
10,0	110	50
10,0	160	100
10,0	210	150
10,0	260	200
10,0	310	250
10,0	450	400
10,0	600	550
10,0	1000	950
11,0	160	100
11,0	210	150
11,0	260	200
11,0	310	250

Diameter	Overall length	Flute length
12,0	160	100
12,0	210	150
12,0	260	200
12,0	310	250
12,0	450	400
12,0	600	550
12,0	1000	950
13,0	160	100
13,0	210	150
13,0	260	200
14,0	160	100
14,0	210	150
14,0	260	200
14,0	310	250
14,0	450	400
14,0	600	550
14,0	1000	950
15,0	160	100
15,0	210	150
15,0	260	200
15,0	450	400
16,0	160	100
16,0	210	150
16,0	250	200
16,0	310	250
16,0	450	400
16,0	600	550
16,0	1000	950
18,0	250	200
18,0	450	400
20,0	250	200
20,0	450	400
22,0	250	200
22,0	450	400
24,0	250	200
24,0	450	400
25,0	250	200
25,0	450	400
28,0	250	200

Diameter	Overall length	Flute length
28,0	450	400
30,0	250	200

Diameter	Overall length	Flute length
30,0	450	400
32,0	450	400

Hammer drill bits, SDS-plus, packs of 10 pcs



Execution: Hammer drill bits with SDS-plus shank (ø10mm). 4 cutting edges allows easy centring and pilot-drilling, ensures less friction and better guidance which results in better hole geometry, longer tool life with fast drilling speeds due to unique geometry of the carbide tip, maximized stability, comfortable and low-vibration operation due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Diameter	Overall length	Flute length
5,0	110	50
5,0	160	100
5,5	110	50
5,5	160	100
6,0	110	50
6,0	160	100
6,0	210	150
6,0	260	200
6,0	310	250
6,5	160	100
6,5	210	150
6,5	260	200
7,0	110	50
8,0	110	50
8,0	160	100
8,0	210	150
8,0	260	200
8,0	310	250

Diameter	Overall length	Flute length
9,0	160	100
9,0	260	200
10,0	110	50
10,0	160	100
10,0	210	150
10,0	260	200
10,0	310	250
11,0	160	100
11,0	210	150
12,0	160	100
12,0	210	150
12,0	260	200
12,0	310	250
14,0	160	100
14,0	210	150
14,0	260	200
14,0	310	250

Hammer drill bits, SDS-plus, in ABS-cassette



Execution: Hammer drill bits with SDS-plus shank (ø10mm). 4 cutting edges allows easy centring and pilot-drilling, ensures less friction and better guidance which results in better hole geometry, longer tool life with fast drilling speeds due to unique geometry of the carbide tip, maximized stability, comfortable and low-vibration operation due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Description	Drill type	Content
7 pc set hammer drill bits SDS-plus, ZENTRO	" 7 "	ø5, 6 and 8x110mm / 1 pc each ø6, 8, 10 and 12x160mm / 1 pc each



Execution: Hammer drill bits with SDS-plus shank (ø10mm). 4 cutting edges allows easy centring and pilot-drilling, ensures less friction and better guidance which results in better hole geometry, longer tool life with fast drilling speeds due to unique geometry of the carbide tip, maximized stability, comfortable and low-vibration operation due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Description	Drill type	Content
40 pc set hammer drill bits SDS-plus	"40"	ø6x110mm / 5 pcs each ø6, 8, 10 and 12x160mm / 5 pcs each ø8, 10 and 12x210mm / 5 pcs each

Hammer drill bits, SDS-max, 2-cutting edges



Diameter	Overall length	Flute length
12,0	340	200
12,0	540	400
12,0	690	550
12,0	920	800

Execution: Hammer drill bits with SDS-max shank (ø18mm). Excellent debris evacuation combined with high drilling speeds. Maximized stability and power transfer due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Diameter	Overall length	Flute length
14,0	340	200
14,0	540	400
15,0	340	200
15,0	540	400

Hammer drill bits, SDS-max, 4-cutting edges



Diameter	Overall length	Flute length
12,0	340	200
12,0	540	400
12,0	690	550
14,0	340	200
14,0	540	400
14,0	920	800
15,0	340	200
15,0	540	400
16,0	340	200
16,0	540	400
16,0	740	600
16,0	920	800
16,0	1320	1200
18,0	340	200
18,0	540	400
18,0	720	600
18,0	940	800
18,0	1320	1200
20,0	320	200
20,0	520	400
20,0	720	600
20,0	920	800
20,0	1320	1200
22,0	320	200
22,0	520	400
22,0	720	600
22,0	920	800
22,0	1320	1200
24,0	320	200
24,0	520	400
25,0	320	200
25,0	520	400
25,0	720	600
25,0	920	800
25,0	1320	1200
26,0	520	400

Execution: Hammer drill bits with SDS-max shank (ø18mm). 4 cutting edges allows easy centring and pilot-drilling, ensures less friction and better guidance which results in better hole geometry, longer tool life with fast drilling speeds due to unique geometry of the carbide tip, maximized stability, comfortable and low-vibration operation due to reinforced core.

Application: For drilling of all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Diameter	Overall length	Flute length
28,0	370	250
28,0	570	450
28,0	670	550
28,0	920	800
28,0	1320	1200
30,0	370	250
30,0	570	450
30,0	720	600
30,0	920	800
32,0	370	250
32,0	570	450
32,0	720	600
32,0	920	800
32,0	1320	1200
35,0	370	250
35,0	570	450
35,0	670	550
35,0	920	800
35,0	1320	1200
37,0	370	250
37,0	570	450
37,0	920	800
38,0	370	250
38,0	570	450
38,0	720	600
38,0	920	800
40,0	370	250
40,0	570	450
40,0	720	600
40,0	920	800
40,0	1320	1200
45,0	570	450
45,0	920	800
50,0	570	450
52,0	570	450

Concrete core cutters, SDS-max



Execution: Easy centring and pilot drilling, fast drilling speeds thanks to chisel-shaped carbide teeth, additional rake teeth to clear-out the entire core diameter, high-volume debris flutes, innovative one-piece design to maximize energy transfer without damping losses, low-weight and low-vibration.

Application: For drilling straight holes with a flat base in all sorts of stone and concrete, including reinforced concrete and natural stone or rock.

Diameter	Overall length	Flute length
40,0	310	80
40,0	550	80
45,0	310	80
45,0	550	80
45,0	990	80
55,0	310	80
55,0	550	80

Diameter	Overall length	Flute length
55,0	990	80
65,0	310	80
65,0	550	80
65,0	990	80
80,0	310	80
80,0	550	80
80,0	990	80

Hollow hammer core bits, SDS-max shank



Execution: High performance hollow hammer core bit with SDS-max shank specifically designed for modern high-powered hammer drills. Effective energy transfer from drill to carbide cutting teeth via dynamically designed shank. Hollow crown body with innovative outer spiral for increased durability and minimized friction losses.

Application: For heavy-duty applications on stone, masonry, (reinforced) concrete, natural stone or rock.

Diameter	Overall length
40,0	290
40,0	550
50,0	290
50,0	550
68,0	290
68,0	550
80,0	290

Diameter	Overall length
80,0	550
90,0	290
90,0	550
100,0	290
100,0	550
125,0	550
150,0	550

Hollow hammer core bits



Execution: Hollow hammer core bit with cone [1:8] connector, robust and stable design.

Application: For heavy-duty applications on stone, masonry, concrete, natural stone or rock.

Diameter	Overall length
35,0	100
40,0	100
45,0	100
50,0	100
60,0	100
65,0	100

Diameter	Overall length
68,0	100
80,0	100
90,0	100
100,0	100
125,0	100

Pilot drill bits



1



2

Nr.	Description	Diameter	Length
1	Pilot drill bit, A-cone	11,0	120
2	Pilot drill bit, A-cone	10,0	150



Description	Length
Drift key	140



1



2

Nr.	Drive	To	Length
1	SDS-plus	K-cone	115
2	SDS-max	K-cone	180
2	SDS-max	K-cone	450

Hollow hammer core bits, "light"



Execution: Hollow hammer core bit with M16 connector. Low-weight execution for use in hammer drills up to 4 kgs.

Application: For applications on limestone, aerated concrete and natural stone or rock.

Diameter	Overall length
30,0	50
35,0	50
40,0	50
45,0	50
50,0	50
65,0	50

Diameter	Overall length
68,0	50
80,0	50
82,0	50
90,0	50
100,0	50
112,0	50

Accessories



Description	Diameter	Length
Pilot drill bit, carbide	8,0	120



1



2

Nr.	Drive	To	Length
1	SDS-plus	M16	105
1	SDS-plus	M16	220
1	SDS-plus	M16	350
2	Hexagon 11mm	M16	90
2	Hexagon 12mm	M16	220
2	Hexagon 12mm	M16	370

DreConnect system



DreConnect Adapter System

The patented DreConnect adapter system provides a new standard within the industry when comes to extending short tools. Extend concrete core cutters, hollow hammer bits and SDS-max hammer drill bits from diameter 32mm and up quickly, safely and use them without energy losses. The system has no weak points. Breakage due to excessive strain does not occur. Cost reduction since the need for (extra) long tools has been eliminated.



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Nr.	Drive	To	Length
1	SDS-max	SDS-max	ø30x190
2	SDS-max	SDS-max	320
2	SDS-max	SDS-max	750
2	SDS-max	SDS-max	1100
3	SDS-plus	SDS-max	320
3	SDS-plus	SDS-max	750
4	Spline	SDS-max	320
4	Spline	SDS-max	750
5	Hex. 13	SDS-max	320
5	Hex. 13	SDS-max	750
6	Hex. 19	SDS-max	320
6	Hex. 19	SDS-max	750

TCT Universal hole saws



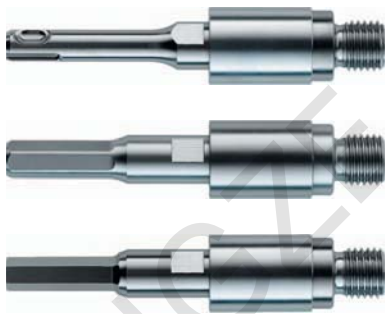
PROtect quick change adapter system.

Comfortable quick release coupling to remove the centring drill bit quickly. The lack of a rotating clamping screw avoids injury. The shortened SDS-plus grooves prevent hammer activation. The drill core can be easily removed from the Hole Saw by simply releasing the centring drill.



Application: Suitable for solid wood, plywood, particleboard, plastic, laminated wood, acrylic glass, wall tiles, gypsum blocks, aerated concrete, gypsum boards, heraklith boards, bricks, etc. Maximum drilling depth 60mm, M16 internal thread connector.

Diameter	Teeth	Overall length	Application
25,0	3	75	Plumbing and heating tubes
30,0	3	75	Plumbing and heating tubes
35,0	3	75	Plumbing and heating tubes
40,0	3	75	Plumbing and heating tubes
45,0	3	75	Plumbing and heating tubes
50,0	3	75	Plumbing and heating tubes
55,0	3	75	Recessed lighting 55mm
58,0	5	75	Recessed lighting 58mm
60,0	5	75	Switch boxes 58mm
63,0	5	75	Switch boxes 60mm
65,0	5	75	Cavity wall mounting box 65mm
68,0	5	75	Cavity wall mounting box 68mm
70,0	5	75	Cavity junction boxes
71,0	5	75	Junction boxes 70mm
74,0	5	75	Cavity junction boxes
76,0	5	75	Recessed lighting 76mm
78,0	5	75	Recessed lighting 78mm
80,0	5	75	Connection boxes 80mm
85,0	5	75	Recessed lighting 85mm
90,0	5	75	Recessed lighting 90mm
105,0	6	75	Ventilation pipes



Application: Quickly and comfortably exchanging of the pilot drill bit with the quick release coupling. Absence of clamping screw avoids injury. Available in SDS-plus and hexagonal mounting connectors.

Nr.	Drive	To	Length
1	SDS-plus	M16	118
1	SDS-plus	M16	220
1	SDS-plus	M16	370
2	Hexagon 11mm	M16	118
2	Hexagon 11mm	M16	220
2	Hexagon 11mm	M16	370
3	Hexagon 9mm	M16	118



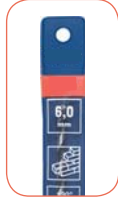
Application: Quickly and comfortably exchanging of the pilot drill bit with the quick release coupling. Absence of clamping screw avoids injury. Available in SDS-plus and hexagonal mounting connectors.

Nr.	Description	Diameter	Length
1	Pilot drill bit, carbide	8,0	120
2	Pilot drill bit, HSS	7,4	120

Super - Concrete drill bits



DIN
8039



Execution: Made of high-alloy Cr-Va-steel. Ground special flute geometry for high speed drilling and excellent debris evacuation. The soldering of the carbide insert is temperature resistant up to 1.000 °C.

Application: For all (hammer) drilling applications in stone and concrete.

Diameter	Overall length	Flute length
3,0	70	40
4,0	85	50
4,5	85	50
5,0	85	50
5,0	150	115
5,5	85	50
5,5	150	115
6,0	100	60
6,0	150	115
6,5	100	60
6,5	150	115
7,0	100	60
7,0	150	115
8,0	120	80
8,0	200	160
8,0	400	360
9,0	120	80
10,0	120	80
10,0	200	160
10,0	400	360

Diameter	Overall length	Flute length
10,0	600	560
12,0	150	110
12,0	200	160
12,0	400	360
12,0	600	560
13,0	150	110
14,0	150	110
14,0	200	160
14,0	400	360
14,0	600	560
16,0	150	110
16,0	400	360
16,0	600	560
18,0	160	120
18,0	400	360
20,0	160	120
20,0	400	360
20,0	600	560
22,0	400	360

Super - Concrete drill bit set, in metal cassette

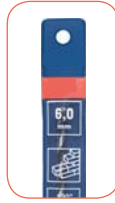


Execution: Made of high-alloy Cr-Va-steel. Ground special flute geometry for high speed drilling and excellent debris evacuation. The soldering of the carbide insert is temperature resistant up to 1.000 °C.

Application: For all (hammer) drilling applications in stone and concrete.

Description	Drill type	Content
7 pc set hammer drill bits SUPER-CONCRETE	"7"	ø4, 5, 8, 10 and 12mm / 1 pc each ø6mm / 2 pcs

Stone drill bits



Execution: Flute with half-round profile for optimized debris evacuation.

Application: For all (hammer) drilling applications in brick, stone and natural stone.

Diameter	Overall length	Flute length
3,0	60	30
4,0	75	40
5,0	85	50
6,0	100	60
6,0	400	300
7,0	100	60
8,0	120	80
8,0	400	300
8,0	600	450
9,0	120	80
10,0	120	80
10,0	400	300
10,0	600	450

Diameter	Overall length	Flute length
11,0	120	80
12,0	150	85
12,0	400	300
14,0	150	95
14,0	400	300
16,0	150	95
16,0	400	300
18,0	160	105
18,0	400	300
20,0	160	105
20,0	400	300
22,0	160	100
22,0	400	300

Stone drill bit set, in PVC cassette



Execution: Flute with half-round profile for optimized debris evacuation.

Application: For all (hammer) drilling applications in brick, stone and natural stone.

Description	Drill type	Content
5 pc set stone drill bits	"5"	ø4, 5, 6, 8 and 10mm / 1 pc each

Multi-functional drill bits



Execution: Multifunctional drill bit with special ground carbide drill tip. **Only for drilling without hammering!** Ideal for cordless drills; up to 40 % more holes per battery charge.

Application: Masonry, tiles (max core hardness 8), wood, particle board, metal, plastics. Ideal for chip-free and precise drilling operations in tiles.

Diameter	Overall length	Flute length
3,0	70	40
4,0	85	50
5,0	85	50
5,5	85	50
6,0	100	60
6,0	150	110
6,0	200	160
6,5	100	60
6,5	150	110

Diameter	Overall length	Flute length
7,0	100	60
8,0	120	80
8,0	250	210
9,0	120	80
10,0	120	80
10,0	250	210
12,0	150	110
12,0	250	210
14,0	250	210

Multi-functional drill bit set, in metal cassette



Execution: Multifunctional drill bit with special ground carbide drill tip. **Only for drilling without hammering!** Ideal for cordless drills; up to 40 % more holes per battery charge.

Application: Masonry, tiles (max core hardness 8), wood, particle board, metal, plastics. Ideal for chip-free and precise drilling operations in tiles.

Description	Drill type	Content
7 pc set drill bits	" 7 "	ø4, 5, 8, 10 and 12mm / 1 pc each ø6mm / 2 pcs

Multi-functional drill bits, 1/4" (E6.3) bit shank



DIN
3126
E6.3



Execution: Multifunctional drill bit with special ground carbide drill tip. **Only for drilling without hammering!** Ideal for cordless drills; up to 40 % more holes per battery charge. Shank according to DIN 3126-E-1/4".

Application: Masonry, tiles (max core hardness 8), wood, particle board, metal, plastics. Ideal for chip-free and precise drilling operations in tiles.

Diameter	Overall length	Flute length
3,0	95	40
4,0	105	50
5,0	105	50

Diameter	Overall length	Flute length
6,0	115	60
8,0	130	80

Multifunctional SDS-plus drill bits



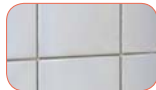
Execution: Multifunctional drill bit with special ground carbide drill tip. **Only for drilling without hammering!** Special centring geometry for precise pilot drilling on hard surfaces.

Application: Masonry, tiles (max core hardness 8), wood, particle board, metal, plastics. Ideal for chip-free and precise drilling operations in tiles.

Diameter	Overall length	Flute length
4,0	110	50
5,0	110	50
6,0	160	100
6,0	290	230
8,0	160	100
8,0	210	150
8,0	260	200
10,0	160	100

Diameter	Overall length	Flute length
10,0	260	200
12,0	160	100
12,0	260	200
14,0	160	100
14,0	210	150
14,0	260	200
16,0	210	150

Tile drill bits



Execution: Tile drill bits with special tip-geometry.

Application: Tiles (max core hardness 8), marble, brick and (natural) stone. Can be used without and with hammering.

Diameter	Overall length	Flute length
5,0	85	50
6,0	100	60
8,0	120	80

Diameter	Overall length	Flute length
10,0	120	80
12,0	150	110

Extreme tile drill bits



Execution: Tile drill bits with extremely sharp ground carbide tip geometry. Extremely heat resistant, a genuine problem solver, widely applicable. **Not suited for hammering!** Ideal for cordless drills.

Application: Extremely hard tiles, ceramics, plastics, wood, sheet metal, glass, etc. Ideal for drilling composite materials.

Diameter	Overall length	Flute length
3,0	85	42
4,0	85	50
5,0	85	50
6,0	100	65

Diameter	Overall length	Flute length
8,0	125	75
10,0	150	90
11,0	150	90

Glass drill bits



Execution: Optimized for drilling in glass due to special and precision ground carbide tip geometry. Low rpm and cooling with turpentine or water will improve the drilling results significantly.

Application: For use on glass, tiles, ceramics, mirror glass and porcelain.

Diameter	Overall length
3,0	65
4,0	65
5,0	65
6,0	65

Diameter	Overall length
8,0	70
10,0	80
12,0	80