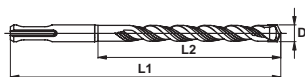


## 253 SDS-PLUS MS5 TURBOKEIL



## DRIVE

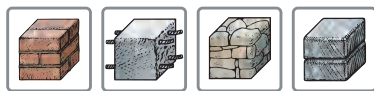


## EXECUTION



- Made of tempered steel, shot-peened and intermediate level hardened
- TURBOKEIL carbide plate with centring tip
- MS5 flute

## FOR USE IN



## APPLICATION

- Fits directly into all hammer drilling machines with SDS-plus and HILTI TE-C drive
- For drilling plug holes
- Particularly suitable for fastenings
- Adapters for SDS-plus [36]

## PACKAGING



≥ 22mm

[142]

[142]



[160]

## Comments

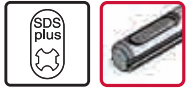
- For a working length of 400 mm and more, predrilling must be carried out to a depth of at least 150 mm with a drill bit of the same diameter.
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- The warranty does not apply to extra-long drill bits of 1,000 mm and more.
- Other dimensions on request

D Ø mm	D Ø "	L2 mm	L1 mm		EAN 4016707...	 12345
12,0	15/32	100	160	10	322099	253 120 165
12,0	15/32	150	210	10	322105	253 120 215
12,0	15/32	200	260	10	320958	253 120 265
12,0	15/32	250	310	1	328152	253 120 310
12,0	15/32	350	400	1	328169	253 120 400
12,0	15/32	400	450	1	320965	253 120 450
12,0	15/32	550	600	1	328176	253 120 600
12,0	15/32	950	1.000	1	328183	253 121 000
13,0	1/2	100	160	10	328190	253 130 160
13,0	1/2	200	260	10	328206	253 130 265
14,0	17/32	100	160	10	322198	253 140 165
14,0	17/32	150	210	10	322204	253 140 215
14,0	17/32	200	260	10	320972	253 140 265
14,0	17/32	250	310	1	328213	253 140 310
14,0	17/32	400	450	1	320989	253 140 450
14,0	17/32	550	600	1	328220	253 140 600
14,0	17/32	950	1.000	1	328237	253 141 000
15,0	19/32	100	160	10	328244	253 150 160
15,0	19/32	150	210	10	328251	253 150 210
15,0	19/32	200	260	10	328268	253 150 260
15,0	19/32	400	450	1	323782	253 150 450
16,0	39/64	100	160	10	322662	253 160 165
16,0	39/64	150	210	10	322679	253 160 215
16,0	39/64	200	260	10	320996	253 160 265
16,0	39/64	250	310	1	328275	253 160 310
16,0	39/64	350	400	1	328282	253 160 400
16,0	39/64	400	450	1	321009	253 160 450
16,0	39/64	550	600	1	328299	253 160 600
16,0	39/64	750	800	1	328305	253 160 800
16,0	39/64	950	1.000	1	328312	253 161 000
17,0	21/32	150	210	5	328329	253 170 200
18,0	11/16	150	200	5	323256	253 180 200
18,0	11/16	250	300	1	328336	253 180 300
18,0	11/16	400	450	1	323263	253 180 450
18,0	11/16	550	600	1	323270	253 180 600
18,0	11/16	950	1.000	1	323430	253 181 000
19,0	23/32	200	250	5	323287	253 190 250
19,0	23/32	400	450	1	323294	253 190 450
20,0	49/64	150	200	5	323300	253 200 200
20,0	49/64	250	300	1	323317	253 200 300
20,0	49/64	400	450	1	323324	253 200 450
20,0	49/64	550	600	1	323331	253 200 600
20,0	49/64	950	1.000	1	323447	253 201 000
22,0	27/32	200	250	1	323348	253 220 250
22,0	27/32	400	450	1	323355	253 220 450
22,0	27/32	550	600	1	323362	253 220 600

# 253 SDS-PLUS MS5 TURBOKEIL



## DRIVE



## EXECUTION



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- TURBOKEIL carbide plate with centring tip
- MS5 flute

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## APPLICATION

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D Ø mm	D Ø "	L2 mm	L1 mm	Icon	FAN 4016707...	Icon 12345
22,0	27/32	950	1.000	1	323454	253 221 000
24,0	59/64	200	250	1	323379	253 240 250
24,0	59/64	400	450	1	323386	253 240 450
25,0	31/32	200	250	1	323393	253 250 250
25,0	31/32	400	450	1	323409	253 250 450
25,0	31/32	950	1.000	1	323799	253 251 000
26,0	1	100	160	1	323980	253 260 160
26,0	1	200	250	1	323416	253 260 250
26,0	1	400	450	1	323423	253 260 450

## SDS-PLUS MS5 TURBOKEIL

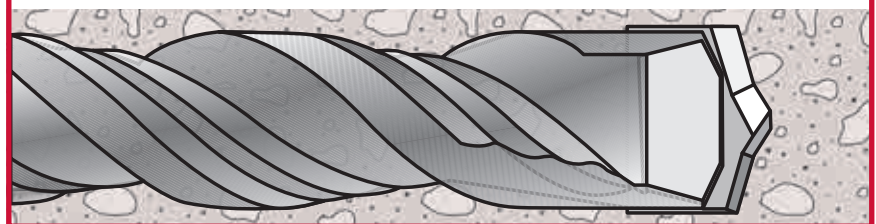
The new KEIL hammer drill bit generation can be used for the hardest materials in all SDS-plus hammer drilling machines. **TURBOKEIL** with centring tip for precisely drilling.

### Features:

- Centring tip
- Guided Carbide plate
- Strengthened carbide tip
- Large cutting angle
- Clean drill holes
- Drilling with the utmost precision

### MS5 spiral for ergonomic and ecological work flow:

- High drilling speed
- Fast transport of drilling dust
- High grade of stiffness and long service life
- High resistance against breakage



# SDS-PLUS MS5 RS

## MULTI STEP FLUTE

∅ mm	Spiral Steps
4 - 5	2
6 - 7	4
8 - 9	6
10 - 12	8
13 - 14	6
15 - 16	8
17 - 26	10



The MS5 helix is protected by patent. The number of spiral steps and radiuses on the drill depends on the diameter.

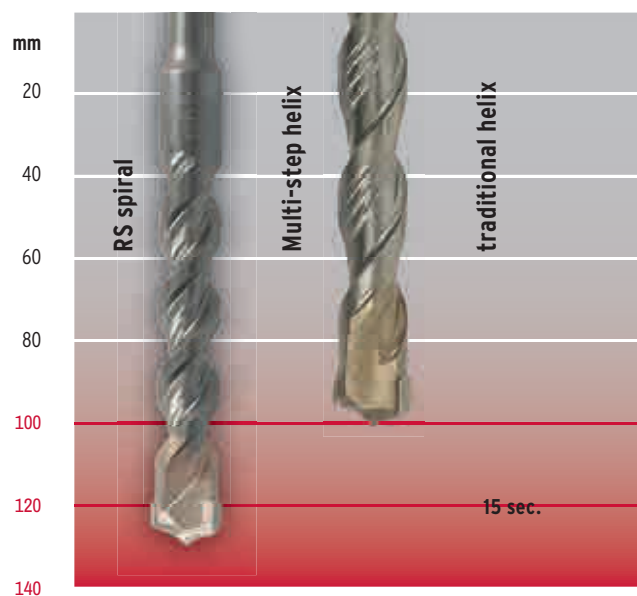
Due to its computer-optimised geometry, the RS spiral ensures optimal drill dust transport and minimises the deflagration effect. This significantly increases the drilling speed.

## COMPARATIVE DRILLING

### Working professionally means working economically

This shows the comparative drilling with the MS5 Multi-step helix and a traditional helix. Hole depth for drilling time of 15 seconds, using SDS-plus hammer drill bits TURBOKEIL 6 x 100 x 160 mm in B25 concrete.

**64 % faster with Multi-step helix!**  
**Twice as fast with RS spiral!**



## ADVANTAGES

### Longer service life

The RS helix reduces the vibration loads generated during drilling.

### No accumulation of spoil

The RS helix reduces the torsion loads generated during drilling and transports drilling dust optimally.

### High drilling speed

The RS helix provides for optimum transfer of the impact energy of the hammer drilling machine. High drilling speed.

### Extreme fracture resistance

The RS helix has a strengthened core and rounded step transitions.

# 253 SDS-PLUS MS5 TURBOKEIL



## DRIVE

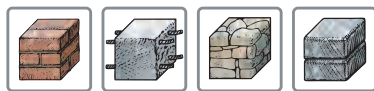


## EXECUTION



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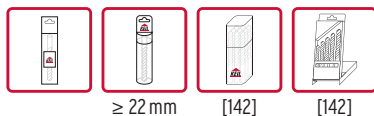
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D ø mm	D ø''	L2 mm	L1 mm	Box	FAN 4016707...	12345
3,5	9/64	35	100	10	323751	253 035 100
4,0	5/32	50	110	10	322136	253 040 110
4,0	5/32	100	160	10	328008	253 040 160
5,0	3/16	50	110	10	322006	253 050 110
5,0	3/16	100	160	10	322013	253 050 160
5,0	3/16	150	210	10	323560	253 050 210
5,0	3/16	200	260	10	324307	253 050 260
5,0	3/16	260	310	1	904769	253 050 310
5,0	3/16	350	410	1	904776	253 050 410
5,5	7/32	50	110	10	322952	253 055 110
5,5	7/32	100	160	10	322969	253 055 160
5,5	7/32	200	260	10	322976	253 055 260
6,0	15/64	50	110	10	322020	253 060 110
6,0	15/64	70	135	10	328015	253 060 135
6,0	15/64	100	160	10	322037	253 060 160
6,0	15/64	150	210	10	320903	253 060 210
6,0	15/64	200	260	10	320910	253 060 260
6,0	15/64	300	360	1	323768	253 060 360
6,0	15/64	400	460	1	328022	253 060 460
6,5	1/4	50	110	10	322143	253 065 110
6,5	1/4	100	160	10	322150	253 065 160
6,5	1/4	150	210	10	328039	253 065 210
6,5	1/4	200	260	10	328046	253 065 260
7,0	9/32	50	110	10	322167	253 070 110
7,0	9/32	100	160	10	322174	253 070 160
8,0	5/16	50	110	10	322044	253 080 110
8,0	5/16	100	160	10	322051	253 080 160
8,0	5/16	150	210	10	322068	253 080 210
8,0	5/16	200	260	10	320927	253 080 260
8,0	5/16	250	310	1	328060	253 080 310
8,0	5/16	400	460	1	323546	253 080 460
8,0	5/16	550	600	1	323775	253 080 600
9,0	11/32	100	160	10	323232	253 090 160
9,0	11/32	200	260	10	328077	253 090 260
10,0	3/8	50	110	10	322181	253 100 110
10,0	3/8	100	160	10	322075	253 100 160
10,0	3/8	150	210	10	322082	253 100 210
10,0	3/8	200	260	10	320934	253 100 260
10,0	3/8	250	310	1	328084	253 100 310
10,0	3/8	300	360	1	328091	253 100 360
10,0	3/8	350	410	1	328107	253 100 410
10,0	3/8	400	460	1	320941	253 100 460
10,0	3/8	550	600	1	328114	253 100 600
10,0	3/8	950	1.000	1	328121	253 101 000
11,0	13/32	100	160	10	328138	253 110 160
11,0	13/32	200	260	10	328145	253 110 260