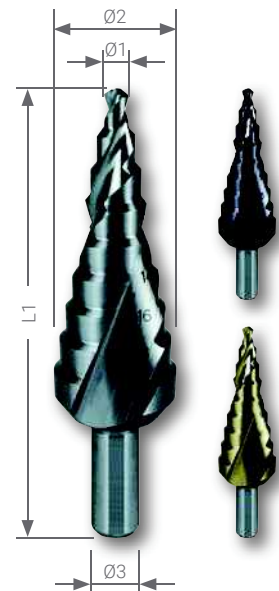





Step drills HSS and HSSE-Co 5, CBN ground, spiral fluted with split point

The CBN ground and spiral flutes guarantee quiet running and high cutting performance. Especially the chip flow is optimized, so even long, non-breaking chips will be removed easily. The optimized chip flow protects the cutting edges and reduces built-up edges and cold weld marks. The cone makes it easier to withdraw the tool from the material.



Packing unit: in plastic tubes of 1



- Cooling
- Adjust speed
- Do not press
- Step drill is pulled automatically into the plate

Steel (N/mm ²) < 900	■	■	■	■
Steel (N/mm ²) < 1100		■		■
Steel (N/mm ²) < 1300				□
Rust-resistant steel		■	□	□
Aluminium	■	■		■

Brass	■	■	■	■
Bronze	□	□	□	□
Plastics	■	■	■	■
Cast iron	□	□	□	□
Titanium alloyed				

Size no.	Ø1 - Ø2 mm	L1 mm	Steps	Ø3 mm	HSS	HSSE Co 5	HSS	HSS	
0/5	4,0 - 12,00	65,0	5	6,0	101 050-5	—	101 050-5 T	101 050-5 F	1
0/9	4,0 - 12,00	65,0	9	6,0	101 050-9	101 050-9 E	101 050-9 T	101 050-9 F	1
1	4,0 - 20,00	75,0	9	8,0	101 051	101 051 E	101 051 T	101 051 F	1
2	4,0 - 30,00	100,0	14	10,0	101 052	101 052 E	101 052 T	101 052 F	1
3	6,0 - 38,00	100,0	12	10,0	101 053	—	101 053 T	101 053 F	1
4	6,0 - 26,75	75,0	8	10,0	101 055	—	101 055 T	101 055 F	1
5	4,0 - 39,00	107,0	13	10,0	101 056	101 056 E	101 056 T	101 056 F	1
6	6,0 - 32,00	75,0	8	10,0	101 057	—	101 057 T	101 057 F	1
7	5,0 - 28,00	69,0	7	10,0	101 058	—	101 058 T	101 058 F	1
8	6,0 - 30,50	80,0	9	10,0	101 098	—	101 098 T	101 098 F	1
9	6,0 - 37,00	100,0	12	10,0	101 060	101 060 E	101 060 T	101 060 F	1
12	6,0 - 32,00	76,0	9	10,0	101 096	—	101 096 T	101 096 F	1
13	6,0 - 40,00	105,0	16	13,0	101 097	—	101 097 T	101 097 F	1
18	6,5 - 32,50	91,0	12	10,0	—	101 534 E	—	—	1

* straight flute

Size no.	Drilling range Ø mm
0/5	4,0 / 6,0 / 8,0 / 10,0 / 12,0
0/9	4,0 / 5,0 / 6,0 / 7,0 / 8,0 / 9,0 / 10,0 / 11,0 / 12,0
1	4,0 / 6,0 / 8,0 / 10,0 / 12,0 / 14,0 / 16,0 / 18,0 / 20,0
2	4,0 / 6,0 / 8,0 / 10,0 / 12,0 / 14,0 / 16,0 / 18,0 / 20,0 / 22,0 / 24,0 / 26,0 / 28,0 / 30,0
3	6,0 / 9,0 / 13,0 / 16,0 / 19,0 / 21,0 / 23,0 / 26,0 / 29,0 / 32,0 / 35,0 / 38,0
4	6,0 / 9,0 / 11,4 (PG7) / 14,0 (PG9) / 17,25 (PG11) / 19,0 (PG13,5) / 21,25 (PG16) / 26,75 (PG21)
5	4,0 / 6,0 / 12,0 / 15,0 / 18,0 / 21,0 / 24,0 / 27,0 / 30,0 / 33,0 / 36,0 / 39,0
6	6,0 / 9,0 / 11,2 (R1/8) / 14,5 (R1/4) / 18,2 (R3/8) / 22,3 (R1/2) / 27,9 (R3/4) / 32,0
7	5,0 / 8,8 (G1/8) / 11,8 (G1/4) / 15,3 (G3/8) / 19,0 (G1/2) / 24,5 (G3/4) / 28,0
8	6,0 / 9,0 / 12,5 (PG7) / 15,2 (PG9) / 18,6 (PG11) / 20,4 (PG13,5) / 22,5 (PG16) / 28,3 (PG21) / 30,5
9	6,0 / 9,0 / 12,5 (PG7) / 15,2 (PG9) / 18,6 (PG11) / 20,4 (PG13,5) / 22,5 (PG16) / 26,0 / 28,3 (PG21) / 30,5 / 34,0 / 37,0 (PG29)
12	6,0 / 9,0 / 12,0 / 16,0 / 20,0 / 22,5 / 25,0 / 28,5 / 32,0
13	6,0 / 11,0 / 17,0 / 23,0 / 29,0 / 30,0 / 31,0 / 32,0 / 33,0 / 34,0 / 35,0 / 36,0 / 37,0 / 38,0 / 39,0 / 40,0
18	6,5 / 8,5 / 10,5 / 12,7 / 15,2 (PG9) / 16,2 / 18,6 (PG11) / 20,4 (PG13,5) / 22,5 (PG16) / 25,5 / 28,3 (PG21) / 32,5