

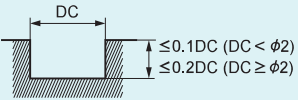
Unit : mm

Order Number	DC	APMX	LF	DCON	No. of Flutes	Stock	Type
VC2SSD0800	8	12	60	8	2	●	2
VC2SSD1000	10	15	70	10	2	●	2
VC2SSD1200	12	18	75	12	2	●	2
VC2SSD1400	14	21	75	16	2	●	1
VC2SSD1500	15	23	80	16	2	●	1
VC2SSD1600	16	24	90	16	2	●	2

RECOMMENDED CUTTING CONDITIONS

Slotting

Work material	Carbon steel, Cast iron, Alloy steel (—30HRC)		Alloy steel, Tool steel, Pre-hardened steel		Hardened steel (45—55HRC)	
	AISI 1050, AISI No 35 B, AISI P20		AISI H13, AISI W1-10, AISI P21		AISI H13	
Dia. DC (mm)	Revolution (min ⁻¹)	Feed rate (mm/min)	Revolution (min ⁻¹)	Feed rate (mm/min)	Revolution (min ⁻¹)	Feed rate (mm/min)
0.3	40000	190	40000	190	40000	100
0.5	40000	380	40000	380	30000	140
1	30000	720	20000	480	15000	180
1.5	20000	960	14000	670	10000	190
2	15000	1100	10000	720	8000	200
3	10000	1150	7000	800	5000	210
4	7500	900	5200	620	4000	200
5	6000	720	4200	500	3200	160
6	5000	600	3500	420	2700	140
8	4000	520	2800	350	2000	120
10	3200	450	2200	290	1600	110
12	2700	410	1900	260	1300	100
16	2000	340	1400	210	1000	90

Depth of cut	 <p>DC: Dia.</p>
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- 1) If the depth of cut is shallow, the revolution and feed rate can be increased.
- 2) When drilling, please set the feed rate at 1/3 or below the values above.
- 3) If the rigidity of the machine or the work materials installation is very low, or chattering and noise are generated, reduce the revolution and feed rate proportionately.

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS