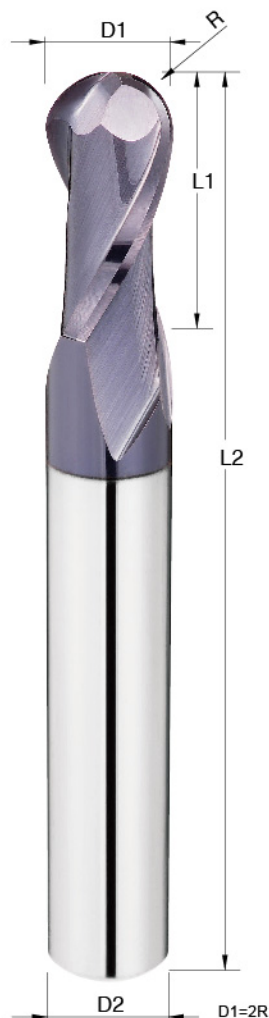


SUPER MILL

SB

S
MG

2 Flutes

30°

HRC
60

ALTiN

Finishing
Semi-
Finishing

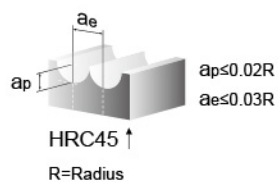
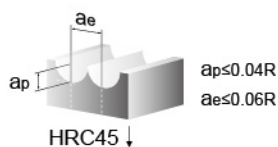
Profiling

► Ball Nose / for H P K

unit: mm

Order No.	Radius R	Flute Length L1	O.A.L. L2	Shank Dia D2
SB 0104	R0.5	2	50	4
SB 0106	R0.5	2	50	6
SB 0154	R0.75	3	50	4
SB 0156	R0.75	3	50	6
SB 0204	R1	4	50	4
SB 0206	R1	4	50	6
SB 0254	R1.25	5	50	4
SB 0256	R1.25	5	50	6
SB 0303	R1.5	6	50	3
SB 0304	R1.5	6	50	4
SB 0306	R1.5	6	50	6
SB 0404	R2	8	50	4
SB 0406	R2	8	50	6
SB 0505	R2.5	10	50	5
SB 0506	R2.5	10	50	6
SB 0606	R3	12	50	6
SB 0808	R4	16	60	8
SB 1010	R5	20	75	10
SB 1212	R6	24	75	12
SB 1616	R8	32	100	16

▼ Depth of cut



▼ Recommended cutting condition for SB

MATERIAL	Carbon Steels . Alloy Steels S45C, FC, FCD, SCM, S50C, SKS...		Alloy Steels . Tool Steels SCr, SNCM, SKD11, SKD61, NAK80...		Hardened Steels SKD11	
	~HRC30		~HRC50		~HRC60	
Radius (R)	SPEED (min ⁻¹)	FEED mm / min	SPEED (min ⁻¹)	FEED mm / min	SPEED (min ⁻¹)	FEED mm / min
R0.5	45000	2000	45000	1800	28000	1000
R1	23000	2000	22000	1800	16000	900
R1.5	16000	2000	15000	1800	11000	900
R2	15000	2400	14000	2000	10000	1300
R3	13000	3200	11000	2000	9000	1500
R4	9000	2300	8000	1500	6200	1400
R5	7500	1900	6500	1200	5200	900
R6	6300	1600	5500	1000	4300	800
R8	4500	1200	3800	800	3300	700