SUPER MILL

SBLS.M.L

S MG

2 Flutes

30°

HRC 60

ALTiN

Finishing
Semi-Finishing

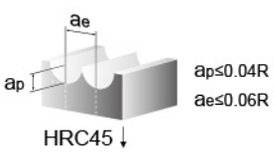
Profiling

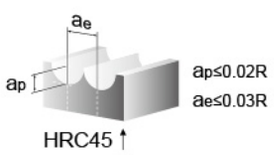
▶ Long Shank / Ball Nose / for H P K

unit: mm

Order No.	Radius R	Flute Length L1	O.A.L L2	Shank Dia D2
SBLS 0104	R0.5	2	75	4
SBLS 0106	R0.5	2	75	6
SBLS 0154	R0.75	3	75	4
SBLS 0156	R0.75	3	75	6
SBLS 0206	R1	4	75	6
SBLS 0256	R1.25	5	75	6
SBLS 0303	R1.5	6	75	3
SBLS 0306	R1.5	6	75	6
SBLS 0404	R2	8	75	4
SBLS 0406	R2	8	75	6
SBLS 0506	R2.5	10	75	6
SBLS 0606	R3	12	75	6
SBLS 0808	R4	16	75	8
SBLM 0206	R1	4	100	6
SBLM 0306	R1.5	6	100	6
SBLM 0406	R2	8	100	6
SBLM 0606	R3	12	100	6
SBLM 0808	R4	16	100	8
SBLM 1010	R5	20	100	10
SBLM 1212	R6	24	100	12
SBLL 0606	R3	12	150	6
SBLL 0808	R4	16	150	8
SBLL 1010	R5	20	150	10
SBLL 1212	R6	24	150	12
SBLL 1616	R8	32	150	16
SBLL 2020	R10	40	150	20

▼ *Depth of cut*





R=Radius

▼ *Recommended cutting condition for SBLS. SBLM. SBLL*

MATERIAL	Carbon Steels . Alloy Steels S45C , FC , FCD , SCM , S50C , SKS...		Alloy Steels . Tool Steels SCr , SNCM , SKD11 , SKD61 , NAK80...		Hardened Steels SKD11	
HARDNESS	~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