SUPER MILL

SHA









unit: mm

Order No.	Diameter D1	Flute Length L1	O.A.L. L2	Shank Dia D2
SHA 0606	6.0	16	50	6
SHA 0808	8.0	20	60	8
SHA 1010	10.0	25	75	10
SHA 1212	12.0	30	75	12
SHA 1616	16.0	40	100	16



Depth of cut



ap≤D1 ae≤0.02 D1

HRC30



ap≤D1 ae≤0.015 D1

HRC50



ap≤D1 ae≤0.01 D1 Max 0.2mm

HRC60

Recommended cutting condition for SHA

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	
Dia. (D1)	SPEED (min ⁻¹)	FEED mm / min	SPEED (min ⁻¹)	FEED mm / min	SPEED (min ⁻¹)	FEED mm / min
6	12000	3000	8000	2000	5600	1400
8	9000	2400	6700	1900	3600	1200
10	6900	2100	5000	1600	3000	900
12	6000	2400	4300	1700	2400	1000
16	4500	2100	2500	1000	1600	700