

Ball Nose End Mills Series

4 Flutes Ball Nose End Mills



4刃球型立銑刀 超微粒碳化鎢 圓頭立銑刀系列

型號 type No.	直徑(D1) Diameter	刃長(L2) Flute Length	全長(L1) O.A.L	柄徑(d2) Shank Dia
JB 0104	R0.5	2	50	4
JB 0154	R0.75	3	50	4
JB 0204	R1.0	4	50	4
JB 0304	R1.5	6	50	4
JB 0304A	R1.5	6	50	3
JB 0404	R2.0	8	50	4
JB 0504	R2.5	10	50	6
JB 0604	R3.0	12	50	6
JB 0804	R4.0	16	60	8
JB 1004	R5.0	20	75	10
JB 1204	R6.0	24	75	12
JB 1604	R8.0	32	100	16
JB 2004	R10.0	32	100	20



Recommended cutting condition for Long Shank Ball Nose End Mills

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	SPEED (mm-1)	FEED mm/min	SPEED (mm-1)	FEED mm/min	SPEED (mm-1)	FEED mm/min
2	12000	1200	9500	900	5000	400
3	8000	1400	6000	900	3500	500
4	6000	1600	5000	1000	2500	600
5	5000	1400	4000	1000	2000	600
6	4000	1200	3000	900	1500	500
8	3000	1200	2500	900	1000	500
10	2500	1000	2000	600	900	300

DEPTH OF CUT

