

EFFICIENCY MILLS

EB

► Square / for **P** **K**

unit: mm



MG

4 Flutes

35°

HRC
55

TiAlN

Finishing
Semi-Finishing

Planing

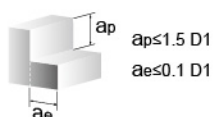
Side

Order No.	Diameter D1	Flute Length L1	O.A.L. L2	Shank Dia D2
EB 0104	1.0	3	50	4
EB 0154	1.5	4	50	4
EB 0202	2.0	6	50	2
EB 0204	2.0	6	50	4
EB 0254	2.5	8	50	4
EB 0303	3.0	8	50	3
EB 0304	3.0	8	50	4
EB 0404	4.0	11	50	4
EB 0505	5.0	13	50	5
EB 0506	5.0	13	50	6
EB 0606	6.0	16	50	6
EB 0707	7.0	18	60	7
EB 0808	8.0	20	60	8
EB 1010	10.0	25	75	10
EB 1212	12.0	30	75	12
EB 1414	14.0	35	100	14
EB 1616	16.0	40	100	16
EB 1818	18.0	45	100	18
EB 2020	20.0	45	100	20

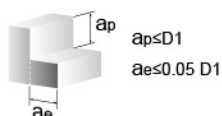
▼ Recommended cutting condition for EB

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
1	22000	400	18000	200	9000	140
1.5	12000	500	11000	280	5200	150
2	10000	550	10000	280	4600	170
3	9000	600	5500	310	3500	220
4	6000	600	5000	400	2200	220
5	4800	750	4000	400	1700	240
6	4500	800	3800	420	1600	300
8	3500	820	2800	420	1000	300
10	3000	820	1800	420	900	300
12	2000	820	1600	350	800	300
16	1500	650	1000	300	500	150
20	1200	600	900	300	400	150

▼ Depth of cut



HRC45 ↓



HRC45 ↑