

## EFFICIENCY MILLS

# ERB

## ► Corner Radius / for P K

unit: mm



MG

4 Flutes

35°

R

HRC 55

TiAlN

Finishing

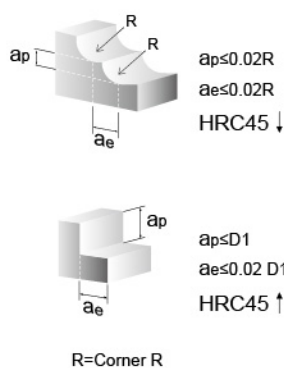
Semi-Finishing

Side

Profiling

Order No.	Diameter D1	Corner R R	Flute Length L1	O.A.L. L2	Shank Dia D2
ERB 0302	3.0	0.2	6	50	3
ERB 0302.4	3.0	0.2	6	50	4
ERB 0305	3.0	0.5	6	50	3
ERB 0305.4	3.0	0.5	6	50	4
ERB 0310	3.0	1.0	6	50	3
ERB 0310.4	3.0	1.0	6	50	4
ERB 0402	4.0	0.2	8	50	4
ERB 0405	4.0	0.5	8	50	4
ERB 0410	4.0	1.0	8	50	4
ERB 0602	6.0	0.2	12	50	6
ERB 0605	6.0	0.5	12	50	6
ERB 0610	6.0	1.0	12	50	6
ERB 0615	6.0	1.5	12	50	6
ERB 0620	6.0	2.0	12	50	6
ERB 0803	8.0	0.3	16	60	8
ERB 0805	8.0	0.5	16	60	8
ERB 0810	8.0	1.0	16	60	8
ERB 0815	8.0	1.5	16	60	8
ERB 0820	8.0	2.0	16	60	8
ERB 1005	10.0	0.5	20	75	10
ERB 1010	10.0	1.0	20	75	10
ERB 1015	10.0	1.5	20	75	10
ERB 1020	10.0	2.0	20	75	10
ERB 1030	10.0	3.0	20	75	10
ERB 1205	12.0	0.5	24	75	12
ERB 1210	12.0	1.0	24	75	12
ERB 1215	12.0	1.5	24	75	12
ERB 1220	12.0	2.0	24	75	12
ERB 1230	12.0	3.0	24	75	12

### ▼ Depth of cut



### ▼ Recommended cutting condition for ERB

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 <sup>-1</sup> )	FEED mm / min	SPEED (min <sup>-1</sup> )	FEED mm / min	SPEED (min <sup>-1</sup> )	FEED mm / min
3	9500	450	6000	290	3600	120
4	8000	800	5000	480	3200	160
5	6800	820	4000	500	2500	170
6	6000	900	3600	530	2300	220
8	4600	1000	2800	530	1800	250
10	3500	850	2200	420	1400	220
12	3000	720	1800	350	1200	200
16	2300	520	1400	250	900	150

ERB

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