

EFFICIENCY MILLS

EFA

► Long Neck / Square / for P K

unit: mm

Order No.	Diameter D1	Neck Dia D3	Flute Length L1	Effective Length L3	O.A.L. L2	Shank Dia D2
EFA 01006	1.0	0.95	3	6	50	4
EFA 01008	1.0	0.95	3	8	50	4
EFA 01010	1.0	0.95	3	10	50	4
EFA 01012	1.0	0.95	3	12	50	4
EFA 01508	1.5	1.45	4	8	50	4
EFA 01510	1.5	1.45	4	10	50	4
EFA 01512	1.5	1.45	4	12	50	4
EFA 01516	1.5	1.45	4	16	50	4
EFA 02008	2.0	1.92	6	8	50	4
EFA 02010	2.0	1.92	6	10	50	4
EFA 02012	2.0	1.92	6	12	50	4
EFA 02016	2.0	1.92	6	16	50	4
EFA 02020	2.0	1.92	6	20	50	4
EFA 02510	2.5	2.40	8	10	50	4
EFA 02512	2.5	2.40	8	12	50	4
EFA 02516	2.5	2.40	8	16	50	4
EFA 02520	2.5	2.40	8	20	50	4
EFA 03010	3.0	2.90	8	10	50	6
EFA 03012	3.0	2.90	8	12	50	6
EFA 03016	3.0	2.90	8	16	50	6
EFA 03020	3.0	2.90	8	20	75	6
EFA 03025	3.0	2.90	8	25	75	6



MG

2 Flutes

35°

HRC

55

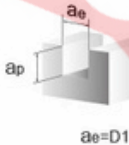
TiAlN

Finishing

Semi-Finishing

Slotting

▼ Depth of cut



▼ Recommended cutting condition for EFA

MATERIAL		Carbon Steels . Alloy Steels SAEC, FC, FCD, SCM, SSOC, SKS...	Alloy Steels . Tool Steels SCr, SNCM, SKD11, SKD61, NAK80...	Hardened Steels SKD11
Dia.(D1)	EFFECTIVE LENGTH	SPEED (min ⁻¹)	FEED mm / min	DEPTH OF CUT ap (mm)
1	4	25000	1500	0.05
	6	25000	1500	0.03
	10	25000	1500	0.01
1.5	4	15000	1200	0.1
	8	15000	1200	0.05
	10	15000	1200	0.025
	12	15000	1200	0.018
2	8	12000	900	0.2
	10	8800	700	0.12
	12	7500	600	0.05
	16	7000	500	0.02
3	8	8000	600	0.5
	12	8000	600	0.45
	16	5500	450	0.18
	20	4000	300	0.15
4	10	6000	400	0.7
	16	6000	400	0.4