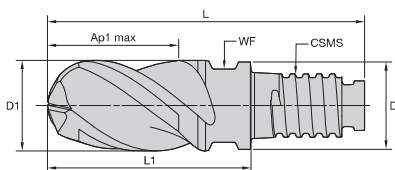


DUO-LOCK™ • MAXIMET™ • 3 FLUTES BALL NOSE



- first choice
- alternate choice

P	■	■
M	■	■
K	■	■
N	■	●
S	■	■
H	■	■

order number	catalogue number	D1	D	Ap1 max	L	L1	CSMS	WF	K600
6626771	ABBE1000X3CN	10,00	9,60	15,00	35,00	22,50	DL10	8,00	●
6626772	ABBE1200X3CN	12,00	11,50	18,00	42,00	27,00	DL12	9,50	●
6626773	ABBE1600X3CN	16,00	15,50	24,00	56,00	36,00	DL16	13,00	●
6626774	ABBE2000X3CN	20,00	19,30	30,00	68,90	45,00	DL20	16,00	●

DUO-LOCK™ • MAXIMET • 3 FLUTES BALL NOSE • APPLICATION DATA

Material Group	Side Milling (A) and Slotting (B)		adaptor reach			Recommended feed per tooth (fz = mm/th) for side milling (A). For slotting (B), reduce fz by 20%.												
	A		B		K600			D1 – Diameter										
	ap		ap		Cutting Speed – vc m/min		Cutting Speed – vc m/min		Cutting Speed – vc m/min									
	min		max		min		max		min		max							
N	1	1,0 x D	0,5 x D	1,0 x D	500	–	2000	400	–	1600	300	–	1200	fz	0,075	0,090	0,120	0,150
	2	1,0 x D	0,5 x D	1,0 x D	500	–	1500	400	–	1200	300	–	900	fz	0,068	0,081	0,108	0,135
	3	1,0 x D	0,5 x D	1,0 x D	500	–	1500	400	–	1200	300	–	900	fz	0,053	0,063	0,084	0,105
	4	1,0 x D	0,5 x D	1,0 x D	400	–	750	320	–	600	240	–	450	fz	0,053	0,063	0,084	0,105
	5	1,0 x D	0,5 x D	1,0 x D	250	–	1000	200	–	800	150	–	600	fz	0,068	0,081	0,108	0,135
	6	1,0 x D	0,5 x D	1,0 x D	100	–	750	80	–	600	60	–	450	fz	0,075	0,090	0,120	0,150
	7	1,0 x D	0,5 x D	1,0 x D	100	–	750	80	–	600	60	–	450	fz	0,053	0,063	0,084	0,105

NOTE: These guidelines may require variations to achieve optimum results.
 Lower value of cutting speed is used for high stock removal applications or for higher hardness (machinability) within group.
 Higher value of cutting speed is used for finishing applications or for lower hardness (machinability) within group.
 Above parameters are based on ideal conditions. For smaller taper machining centres, please adjust parameters accordingly on diameters greater than 12mm.
 For better surface finish, reduce feed per tooth.

