



切削條件表 **P339**
Cutting Condition

Miniature Ball Nose - 2 flutes

2刃微小徑球型立銑刀

400 Nano

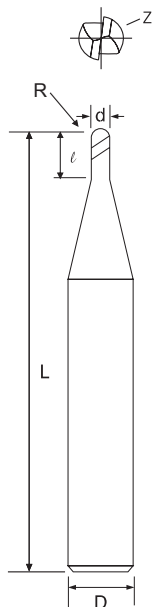
HRC 60

35°

nBS

● Ultra Fine Micro Grain Carbide

● WC=87 Co=12 HRA=92.1 Rupture=3800N/mm² Grain Size=0.4μm



Mode	Diameter	Radius	Flute Length	Full Length	Shank Diameter	Flutes
型號	d 刃徑	R 值	l 刃長	L 全長	D 柄徑	Z 刃數
UMIB3032 nBS	0.3	0.15	0.6	38	3	2
UMIB3042 nBS	0.4	0.2	0.7	38	3	2
UMIB3052 nBS	0.5	0.25	0.8	38	3	2
UMIB3062 nBS	0.6	0.3	0.9	38	3	2
UMIB3072 nBS	0.7	0.35	1.4	38	3	2
UMIB3082 nBS	0.8	0.4	1.6	38	3	2
UMIB3092 nBS	0.9	0.45	1.8	38	3	2
UMIB3102 nBS	1	0.5	2	38	3	2
UMIB3112 nBS	1.1	0.55	2.2	38	3	2
UMIB3122 nBS	1.2	0.6	2.4	38	3	2
UMIB3132 nBS	1.3	0.65	2.6	38	3	2
UMIB3142 nBS	1.4	0.7	2.8	38	3	2
UMIB3152 nBS	1.5	0.75	3	38	3	2
UMIB3162 nBS	1.6	0.8	3.2	38	3	2
UMIB3172 nBS	1.7	0.85	3.4	38	3	2
UMIB3182 nBS	1.8	0.9	3.6	38	3	2
UMIB3192 nBS	1.9	0.95	3.8	38	3	2
UMIB3202 nBS	2	1	4	38	3	2
UMIB3212 nBS	2.1	1.05	4.2	38	3	2
UMIB3222 nBS	2.2	1.1	4.4	38	3	2
UMIB3232 nBS	2.3	1.15	4.6	38	3	2
UMIB3242 nBS	2.4	1.2	4.8	38	3	2
UMIB3252 nBS	2.5	1.25	5	38	3	2
UMIB3262 nBS	2.6	1.3	5.2	38	3	2
UMIB3272 nBS	2.7	1.35	5.4	38	3	2
UMIB3282 nBS	2.8	1.4	5.6	38	3	2
UMIB3292 nBS	2.9	1.45	5.8	38	3	2
UMIB3302 nBS	3	1.5	6	38	3	2

HRC > 40

HRC > 45

HRC > 50

HRC > 55

HRC > 60

HRC > 65



Application 適用材質：

◎ Recommend 最適合 ○ Suitable 適合 X Not Recommend 不建議

carbon steel, Alloy steel 炭素鋼, 合金鋼	Pre-hardened steel 預硬鋼	High-hardened 高硬度鋼				Stainless steel 不銹鋼	Copper alloy 銅合金, 銅	Aluminum alloy 鋁合金
	~45HRC	~50HRC	~55HRC	~60HRC	~65HRC			
○	◎	◎	◎	◎		○		

切削條件表 **P339**
 Cutting Condition

SPEED TIGER
Miniature Ball Nose - 2 flutes
2刃微小徑球型立銑刀
400 Nano **HRC > 60** **35°** **nBS**

● Ultra Fine Micro Grain Carbide

 ● WC=87 Co=12 HRA=92.1 Rupture=3800N/mm² Grain Size=0.4μm


Mode	Diameter	Radius	Flute Length	Full Length	Shank Diameter	Flutes
型號	d 刀徑	R 值	l 刃長	L 全長	D 柄徑	Z 刃數
UMIB0032 nBS	0.3	0.15	0.6	50	4	2
UMIB0042 nBS	0.4	0.2	0.7	50	4	2
UMIB0052 nBS	0.5	0.25	0.8	50	4	2
UMIB0062 nBS	0.6	0.3	0.9	50	4	2
UMIB0072 nBS	0.7	0.35	1.4	50	4	2
UMIB0082 nBS	0.8	0.4	1.6	50	4	2
UMIB0092 nBS	0.9	0.45	1.8	50	4	2
UMIB0102 nBS	1	0.5	2	50	4	2
UMIB0112 nBS	1.1	0.55	2.2	50	4	2
UMIB0122 nBS	1.2	0.6	2.4	50	4	2
UMIB0132 nBS	1.3	0.65	2.6	50	4	2
UMIB0142 nBS	1.4	0.7	2.8	50	4	2
UMIB0152 nBS	1.5	0.75	3	50	4	2
UMIB0162 nBS	1.6	0.8	3.2	50	4	2
UMIB0172 nBS	1.7	0.85	3.4	50	4	2
UMIB0182 nBS	1.8	0.9	3.6	50	4	2
UMIB0192 nBS	1.9	0.95	3.8	50	4	2
UMIB0202 nBS	2	1	4	50	4	2
UMIB0212 nBS	2.1	1.05	4.2	50	4	2
UMIB0222 nBS	2.2	1.1	4.4	50	4	2
UMIB0232 nBS	2.3	1.15	4.6	50	4	2
UMIB0242 nBS	2.4	1.2	4.8	50	4	2
UMIB0252 nBS	2.5	1.25	5	50	4	2
UMIB0262 nBS	2.6	1.3	5.2	50	4	2
UMIB0272 nBS	2.7	1.35	5.4	50	4	2
UMIB0282 nBS	2.8	1.4	5.6	50	4	2
UMIB0292 nBS	2.9	1.45	5.8	50	4	2
UMIB0302 nBS	3	1.5	6	50	4	2

HRC > 40

HRC > 45

HRC > 50

HRC > 55

HRC > 60

HRC > 65



Application 適用材質：

◎ Recommend 最適合 ○ Suitable 適合 X Not Recommend 不建議

carbon steel, Alloy steel 炭素鋼, 合金鋼	Pre-hardened steel 預硬鋼	High-hardened 高硬度鋼				Stainless steel 不銹鋼	Copper alloy 銅合金, 銅	Aluminum alloy 鋁合金
	~45HRC	~50HRC	~55HRC	~60HRC	~65HRC			
○	◎	◎	◎	◎		○		