

600⁺ 切削條件表 **P335**
Cutting Condition

Square Type - Helix Angle 45° - 3 flutes

■ **3刃45° 立銑刀**

**600
PLUS**

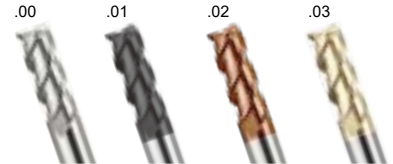
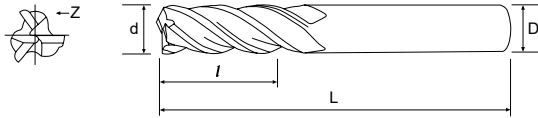
**HRC
45**

45°

a
b > a

● Micro Grain Carbide

● WC=90 Co=10 HV30=1571 Rupture=3750N/mm² Grain Size=0.6μm



Dimension 規格					Purchase Code 採購代碼				
Diameter	Flute Length	Full Length	Shank Diameter	Flutes	MODE	Coating 塗層			
d 刃徑	刀長	L 全長	D 柄徑	Z 刃數	型號		ALTIBN	TiSiN	ZrN-A
1	3	50	4	3	P-MPE0103	.00	.01	.02	.03
1.5	4	50	4	3	P-MPE0153	.00	.01	.02	.03
2	6	50	4	3	P-MPE0203	.00	.01	.02	.03
2.5	8	50	4	3	P-MPE0253	.00	.01	.02	.03
3	8	50	3	3	P-MPE3303	.00	.01	.02	.03
3	8	50	4	3	P-MPE0303	.00	.01	.02	.03
3.5	10	50	4	3	P-MPE0353	.00	.01	.02	.03
4	11	50	4	3	P-MPE0403	.00	.01	.02	.03
1	3	50	6	3	P-PE0103	.00	.01	.02	.03
1.5	4	50	6	3	P-PE0153	.00	.01	.02	.03
2	6	50	6	3	P-PE0203	.00	.01	.02	.03
2.5	8	50	6	3	P-PE0253	.00	.01	.02	.03
3	8	50	6	3	P-PE0303	.00	.01	.02	.03
3.5	10	50	6	3	P-PE0353	.00	.01	.02	.03
4	11	50	6	3	P-PE0403	.00	.01	.02	.03
4.5	13	50	6	3	P-PE0453	.00	.01	.02	.03

HRC
40

HRC
45

HRC
50

HRC
55

HRC
60

HRC
65

○

○

○

○

○

○

○

○

○

○

○

○

Application 適用材質：

★ Perfect 最推薦

◎ Excellent 適合

○ Good 佳

Coating 塗層	Carbon steel, Alloy steel 炭素鋼, 合金鋼	Pre-hardened steel 預硬鋼	High-hardened 高硬度鋼					Stainless steel 不鏽鋼	Titanium alloy 鈦合金	Nickel/Inconel alloy 鎳基合金	Copper alloy 銅合金, 銅	Aluminum alloy 鋁合金
		~45HRC	~50HRC	~55HRC	~60HRC	~65HRC						
	○	○									○	○
ALTIBN	◎	◎	◎	○			○					
TISIN	○	○	○	◎								
ZrN-A	◎	◎	◎	○			◎	○	○			

Unit/單位: mm

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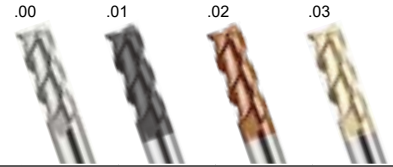
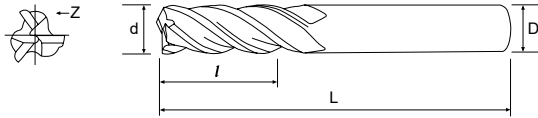
HRC 45

45°

a/b > a

● Micro Grain Carbide

● WC=90 Co=10 HV30=1571 Rupture=3750N/mm² Grain Size=0.6μm



HRC
▶ 40

HRC
▶ 45

HRC
▶ 50

HRC
▶ 55

HRC
▶ 60

HRC
▶ 65

HRC
▶ 70

HRC
▶ 75

HRC
▶ 80

HRC
▶ 85

HRC
▶ 90

HRC
▶ 95

HRC
▶ 100

HRC
▶ 105

HRC
▶ 110

HRC
▶ 115

HRC
▶ 120

HRC
▶ 125

HRC
▶ 130

HRC
▶ 135

HRC
▶ 140

HRC
▶ 145

HRC
▶ 150

Dimension 規格

Purchase Code 採購代碼

Diameter	Flute Length	Full Length	Shank Diameter	Flutes	MODE	Coating 塗層			
d 刃徑	L 刃長	L 全長	D 柄徑	Z 刃數	型號		ALTIBN	TISIN	ZrN-A
5	13	50	6	3	P-PE0503	.00	.01	.02	.03
5.5	13	50	6	3	P-PE0553	.00	.01	.02	.03
6	16	50	6	3	P-PE0603	.00	.01	.02	.03
6.5	16	60	8	3	P-PE0653	.00	.01	.02	.03
7	16	60	8	3	P-PE0703	.00	.01	.02	.03
7.5	19	60	8	3	P-PE0753	.00	.01	.02	.03
8	20	60	8	3	P-PE0803	.00	.01	.02	.03
8.5	20	75	10	3	P-PE0853	.00	.01	.02	.03
9	20	75	10	3	P-PE0903	.00	.01	.02	.03
9.5	25	75	10	3	P-PE0953	.00	.01	.02	.03
10	30	75	10	3	P-PE1003	.00	.01	.02	.03
10.5	30	75	12	3	P-PE1053	.00	.01	.02	.03
11	30	75	12	3	P-PE1103	.00	.01	.02	.03
11.5	30	75	12	3	P-PE1153	.00	.01	.02	.03
12	32	75	12	3	P-PE1203	.00	.01	.02	.03
14	40	100	16	3	P-PE1403	.00	.01	.02	.03
16	40	100	16	3	P-PE1603	.00	.01	.02	.03
18	45	100	20	3	P-PE1803	.00	.01	.02	.03
20	45	100	20	3	P-PE2003	.00	.01	.02	.03

Application 適用材質：

★ Perfect 最推薦

◎ Excellent 適合

○ Good 佳

Coating 塗層	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	Titanium alloy 鈦合金	Nickel/Inconel alloy 鎳基合金	Copper alloy 銅合金, 銅	Aluminum alloy 鋁合金
		~45HRC	~50HRC	~55HRC	~60HRC	~65HRC						
	○	○									○	○
ALTIBN	◎	◎	◎	○			○					
TISIN	○	○	○	◎								
ZrN-A	◎	◎	◎	○			◎	○	○	○		

Unit/單位: mm