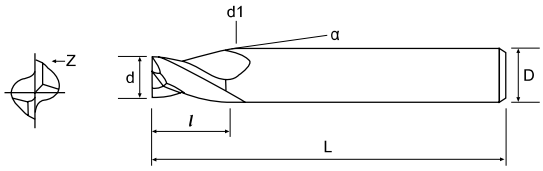
600+ 切削條件表 P346 Cutting Condition

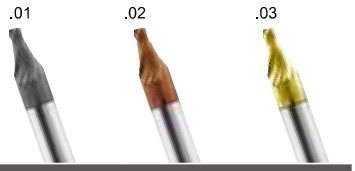
Taper Square Type - 2 flutes

■ 2刃斜度立銑刀

600 PLUS | HRC ▶55 | 35° | a b 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	α	d1	Flutes	MODE	Coating 塗層		
d 刃徑	l 刃長	L 全長	D 柄徑		大 徑	Z 刃數	型號	ALTiBN	TiSiN	ZrN-A
0.5	2	50	4	30"	0.53	2	P-TTA005005	.01	.02	.03
0.5	2	50	4	1°	0.57	2	P-TTA005010	.01	.02	.03
0.5	2	50	4	1°30"	0.6	2	P-TTA005015	.01	.02	.03
0.5	2	50	4	2°	0.64	2	P-TTA005020	.01	.02	.03
0.5	2	50	4	2°30"	0.67	2	P-TTA005025	.01	.02	.03
0.5	2	50	4	3°	0.71	2	P-TTA005030	.01	.02	.03
0.5	2	50	4	5°	0.85	2	P-TTA005050	.01	.02	.03
0.5	2	50	4	7°	0.99	2	P-TTA005070	.01	.02	.03
0.5	2	50	4	10°	1.21	2	P-TTA005100	.01	.02	.03
1	4	50	4	30"	1.07	2	P-TTA010005	.01	.02	.03
1	4	50	4	1°	1.14	2	P-TTA010010	.01	.02	.03
1	4	50	4	1°30"	1.21	2	P-TTA010015	.01	.02	.03
1	4	50	4	2°	1.28	2	P-TTA010020	.01	.02	.03
1	4	50	4	2°30"	1.35	2	P-TTA010025	.01	.02	.03
1	4	50	4	3°	1.42	2	P-TTA010030	.01	.02	.03
1	4	50	4	5°	1.7	2	P-TTA010050	.01	.02	.03
1	4	50	4	7°	1.98	2	P-TTA010070	.01	.02	.03
1	4	50	4	10°	2.41	2	P-TTA010100	.01	.02	.03
1.5	5	50	4	30"	1.59	2	P-TTA015005	.01	.02	.03
1.5	5	50	4	1°	1.67	2	P-TTA015010	.01	.02	.03
1.5	5	50	4	1°30"	1.76	2	P-TTA015015	.01	.02	.03
1.5	5	50	4	2°	1.85	2	P-TTA015020	.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-harden 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

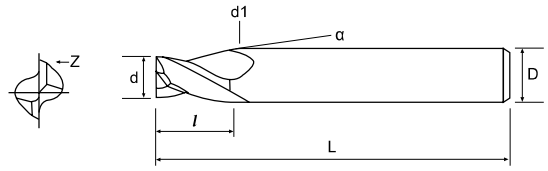
600+ 切削條件表 P346 Cutting Condition

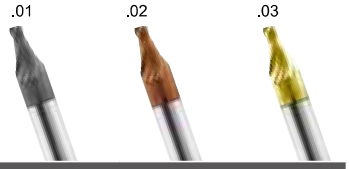
Taper Square Type - 2 flutes

■ 2刃斜度立銑刀

600 PLUS | HRC ▶55 | 35° | a b 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	α	d1	Flutes	MODE	Coating 塗層		
d 刃徑	l 刃長	L 全長	D 柄徑		大 徑	Z 刃數	型號	ALTiBN	TiSiN	ZrN-A
1.5	5	50	4	2°30"	1.93	2	P-TTA015025	.01	.02	.03
1.5	5	50	4	3°	2.02	2	P-TTA015030	.01	.02	.03
1.5	5	50	4	5°	2.37	2	P-TTA015050	.01	.02	.03
1.5	5	50	4	7°	2.73	2	P-TTA015070	.01	.02	.03
1.5	5	50	4	10°	3.26	2	P-TTA015100	.01	.02	.03
2	6	50	4	30"	2.1	2	P-TTA020005	.01	.02	.03
2	6	50	4	1°	2.21	2	P-TTA020010	.01	.02	.03
2	6	50	4	1°30"	2.31	2	P-TTA020015	.01	.02	.03
2	6	50	4	2°	2.41	2	P-TTA020020	.01	.02	.03
2	6	50	4	2°30"	2.52	2	P-TTA020025	.01	.02	.03
2	6	50	4	3°	2.62	2	P-TTA020030	.01	.02	.03
2	6	50	4	5°	3.05	2	P-TTA020050	.01	.02	.03
2	6	50	4	7°	3.47	2	P-TTA020070	.01	.02	.03
2	6	50	4	10°	4.11	2	P-TTA020100	.01	.02	.03
2.5	8	50	4	30"	2.64	2	P-TTA025005	.01	.02	.03
2.5	8	50	4	1°	2.78	2	P-TTA025010	.01	.02	.03
2.5	8	50	4	1°30"	2.91	2	P-TTA025015	.01	.02	.03
2.5	8	50	4	2°	3.05	2	P-TTA025020	.01	.02	.03
2.5	8	50	4	2°30"	3.2	2	P-TTA025025	.01	.02	.03
2.5	8	50	4	3°	3.33	2	P-TTA025030	.01	.02	.03
2.5	8	50	4	5°	3.9	2	P-TTA025050	.01	.02	.03
2.5	8	50	6	7°	4.46	2	P-TTA025070	.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-harden 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

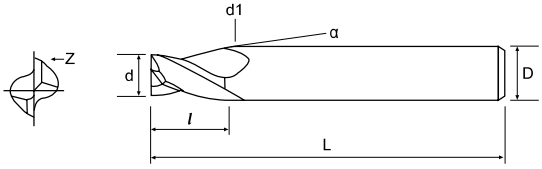
600+ 切削條件表 P346 Cutting Condition

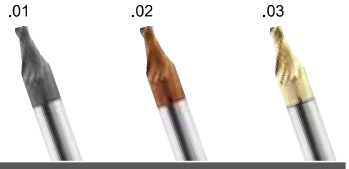
Taper Square Type - 2 flutes

■ 2刃斜度立銑刀

600 PLUS | HRC ▶55 | 35° | a b 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	α	d1	Flutes	MODE	Coating 塗層		
d 刃徑	l 刃長	L 全長	D 柄徑		大 徑	Z 刃數	型號	ALTiBN	TiSiN	ZrN-A
2.5	8	50	6	10°	5.32	2	P-TTA025100	.01	.02	.03
3	10	50	6	30"	3.17	2	P-TTA030005	.01	.02	.03
3	10	50	6	1°	3.35	2	P-TTA030010	.01	.02	.03
3	10	50	6	1°30"	3.52	2	P-TTA030015	.01	.02	.03
3	10	50	6	2°	3.69	2	P-TTA030020	.01	.02	.03
3	10	50	6	2°30"	3.87	2	P-TTA030025	.01	.02	.03
3	10	50	6	3°	4.05	2	P-TTA030030	.01	.02	.03
3	10	50	6	5°	4.75	2	P-TTA030050	.01	.02	.03
3	10	50	6	7°	5.46	2	P-TTA030070	.01	.02	.03
3	10	50	6	10°	6	2	P-TTA030100	.01	.02	.03
4	15	50	6	30"	4.26	2	P-TTA040005	.01	.02	.03
4	15	50	6	1°	4.52	2	P-TTA040010	.01	.02	.03
4	15	50	6	1°30"	4.79	2	P-TTA040015	.01	.02	.03
4	15	50	6	2°	5.04	2	P-TTA040020	.01	.02	.03
4	15	50	6	2°30"	5.31	2	P-TTA040025	.01	.02	.03
4	15	50	6	3°	5.57	2	P-TTA040030	.01	.02	.03
4	15	60	8	5°	6.62	2	P-TTA040050	.01	.02	.03
4	15	60	8	7°	7.68	2	P-TTA040070	.01	.02	.03
5	20	60	6	30"	5.34	2	P-TTA050005	.01	.02	.03
5	20	60	6	1°	5.7	2	P-TTA050010	.01	.02	.03
5	20	60	6	1°30"	6	2	P-TTA050015	.01	.02	.03
5	20	60	8	2°	6.39	2	P-TTA050020	.01	.02	.03
5	20	60	8	2°30"	6.74	2	P-TTA050025	.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-harden 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	○	◎	○	○			○	○			

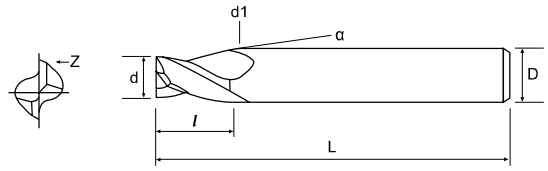
Unit/單位: mm

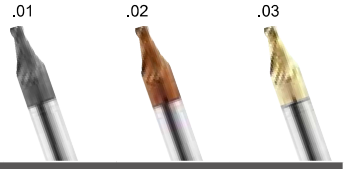
600+ 切削條件表 P346 Cutting Condition

Taper Square Type - 2 flutes
■ 2刃斜度立銑刀

600 PLUS | HRC ▶55 | 35° | a b 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	α	d1	Flutes	MODE	Coating 塗層		
d 刃徑	l 刃長	L 全長	D 柄徑		大 徑	Z 刃數	型號	ALTiBN	TiSiN	ZrN-A
5	20	60	8	3°	7.1	2	P-TTA050030	.01	.02	.03
5	20	75	10	5°	8.5	2	P-TTA050050	.01	.02	.03
5	20	75	10	7°	9.91	2	P-TTA050070	.01	.02	.03
6	20	60	8	30"	6.35	2	P-TTA060005	.01	.02	.03
6	20	60	8	1°	6.7	2	P-TTA060010	.01	.02	.03
6	20	60	8	1°30"	7.05	2	P-TTA060015	.01	.02	.03
6	20	60	8	2°	7.4	2	P-TTA060020	.01	.02	.03
6	20	60	8	2°30"	7.75	2	P-TTA060025	.01	.02	.03
6	19	60	8	3°	7.99	2	P-TTA060030	.01	.02	.03
6	20	75	10	5°	9.5	2	P-TTA060050	.01	.02	.03
8	25	75	10	30"	8.44	2	P-TTA080005	.01	.02	.03
8	25	75	10	1°	8.87	2	P-TTA080010	.01	.02	.03
8	25	75	10	1°30"	9.31	2	P-TTA080015	.01	.02	.03
8	25	75	10	2°	9.74	2	P-TTA080020	.01	.02	.03
8	25	75	12	2°30"	10.18	2	P-TTA080025	.01	.02	.03
8	25	75	12	3°	10.62	2	P-TTA080030	.01	.02	.03
8	22	100	12	5°	11.8	2	P-TTA080050	.01	.02	.03
10	35	100	12	30"	10.61	2	P-TTA100005	.01	.02	.03
10	35	100	12	1°	11.22	2	P-TTA100010	.01	.02	.03
10	35	100	12	1°30"	11.83	2	P-TTA100015	.01	.02	.03
10	35	100	12	2°	11.96	2	P-TTA100020	.01	.02	.03
10	35	100	16	2°30"	13.06	2	P-TTA100025	.01	.02	.03
10	35	100	16	3°	13.67	2	P-TTA100030	.01	.02	.03
10	35	100	16	5°	16.12	2	P-TTA100050	.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-harden 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

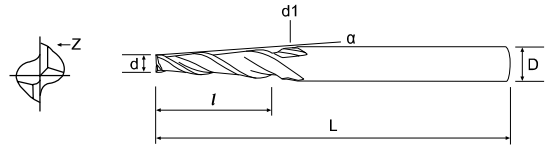
600+ 切削條件表 P346 Cutting Condition

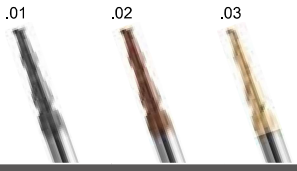
Taper Type - Long flute - 2 flutes

■ 2刃長刃斜度立銑刀

600 PLUS | HRC ▶55 | 35° | a b 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	α	d1	Flutes	MODE	Coating 塗層		
d 刃徑	l 刃長	L 全長	D 柄徑		大 徑	Z 刃數	型號	ALTiBN	TiSiN	ZrN-A
1	10	50	4	30"	1.17	2	P-LTTA010005	.01	.02	.03
1	10	50	4	1°	1.35	2	P-LTTA010010	.01	.02	.03
1	10	50	4	1°30"	1.52	2	P-LTTA010015	.01	.02	.03
1	10	50	4	2°	1.7	2	P-LTTA010020	.01	.02	.03
1	10	50	4	2°30"	1.87	2	P-LTTA010025	.01	.02	.03
1	10	50	4	3°	2.05	2	P-LTTA010030	.01	.02	.03
1	10	50	4	5°	2.74	2	P-LTTA010050	.01	.02	.03
1	10	50	4	7°	3.44	2	P-LTTA010070	.01	.02	.03
1.5	10	50	4	30"	1.67	2	P-LTTA015005	.01	.02	.03
1.5	10	50	4	1°	1.85	2	P-LTTA015010	.01	.02	.03
1.5	10	50	4	1°30"	2.02	2	P-LTTA015015	.01	.02	.03
1.5	10	50	4	2°	2.2	2	P-LTTA015020	.01	.02	.03
1.5	10	50	4	2°30"	2.37	2	P-LTTA015025	.01	.02	.03
1.5	10	50	4	3°	2.55	2	P-LTTA015030	.01	.02	.03
1.5	10	50	4	5°	3.24	2	P-LTTA015050	.01	.02	.03
1.5	10	50	4	7°	3.94	2	P-LTTA015070	.01	.02	.03
2	13	50	4	30"	2.22	2	P-LTTA020005	.01	.02	.03
2	13	50	4	1°	2.45	2	P-LTTA020010	.01	.02	.03
2	13	50	4	1°30"	2.68	2	P-LTTA020015	.01	.02	.03
2	13	50	4	2°	2.9	2	P-LTTA020020	.01	.02	.03
2	13	50	4	2°30"	3.13	2	P-LTTA020025	.01	.02	.03
2	13	50	4	3°	3.36	2	P-LTTA020030	.01	.02	.03
2	13	50	6	5°	4.27	2	P-LTTA020050	.01	.02	.03
2	13	50	6	7°	5.17	2	P-LTTA020070	.01	.02	.03
2.5	15	50	4	30"	2.76	2	P-LTTA025005	.01	.02	.03
2.5	15	50	4	1°	3.03	2	P-LTTA025010	.01	.02	.03
2.5	15	50	4	1°30"	3.29	2	P-LTTA025015	.01	.02	.03
2.5	15	50	4	2°	3.56	2	P-LTTA025020	.01	.02	.03
2.5	15	50	4	2°30"	3.81	2	P-LTTA025025	.01	.02	.03
2.5	15	50	6	3°	4.07	2	P-LTTA025030	.01	.02	.03
2.5	15	50	6	5°	5.13	2	P-LTTA025050	.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-harden 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

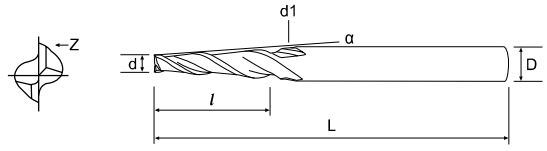
600+ 切削條件表 P346 Cutting Condition

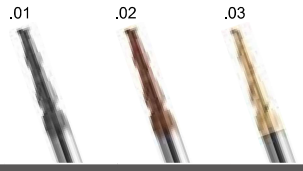
Taper Type - Long flute - 2 flutes

■ 2刃長刃斜度立銑刀

600 PLUS | HRC ▶55 | 35° | a b 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	α	d1	Flutes	MODE	Coating 塗層		
d 刃徑	l 刃長	L 全長	D 柄徑		大 徑	Z 刃數	型號	ALTiBN	TiSiN	ZrN-A
3	20	60	6	30"	3.35	2	P-LTTA030005	.01	.02	.03
3	20	60	6	1°	3.7	2	P-LTTA030010	.01	.02	.03
3	20	60	6	1°30"	4.05	2	P-LTTA030015	.01	.02	.03
3	20	60	6	2°	4.39	2	P-LTTA030020	.01	.02	.03
3	20	60	6	2°30"	4.65	2	P-LTTA030025	.01	.02	.03
3	20	60	6	3°	5.1	2	P-LTTA030030	.01	.02	.03
3	20	60	8	5°	6.5	2	P-LTTA030050	.01	.02	.03
4	25	60	6	30"	4.44	2	P-LTTA040005	.01	.02	.03
4	25	60	6	1°	4.88	2	P-LTTA040010	.01	.02	.03
4	25	60	6	1°30"	5.13	2	P-LTTA040015	.01	.02	.03
4	25	60	6	2°	5.75	2	P-LTTA040020	.01	.02	.03
4	25	60	8	2°30"	6.19	2	P-LTTA040025	.01	.02	.03
4	25	60	8	3°	6.62	2	P-LTTA040030	.01	.02	.03
4	25	75	10	5°	8.38	2	P-LTTA040050	.01	.02	.03
5	30	75	6	30"	5.52	2	P-LTTA050005	.01	.02	.03
5	30	75	8	1°	6.05	2	P-LTTA050010	.01	.02	.03
5	30	75	8	1°30"	6.57	2	P-LTTA050015	.01	.02	.03
5	30	75	8	2°	7.09	2	P-LTTA050020	.01	.02	.03
5	30	75	8	2°30"	7.62	2	P-LTTA050025	.01	.02	.03
5	30	75	10	3°	8.14	2	P-LTTA050030	.01	.02	.03
5	30	75	12	5°	10.25	2	P-LTTA050050	.01	.02	.03
6	35	75	8	30"	6.61	2	P-LTTA060005	.01	.02	.03
6	35	75	8	1°	7.22	2	P-LTTA060010	.01	.02	.03
6	35	75	8	1°30"	7.83	2	P-LTTA060015	.01	.02	.03
6	35	75	10	2°	8.44	2	P-LTTA060020	.01	.02	.03
6	35	100	10	2°30"	9.05	2	P-LTTA060025	.01	.02	.03
6	35	100	10	3°	9.67	2	P-LTTA060030	.01	.02	.03
6	34	100	12	5°	11.95	2	P-LTTA060050	.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-harden 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