
SUS+
Excellent
wear
resistance
高速
高效率
不鏽鋼
專用
絕佳
耐磨性
HSC
HPC

SUS+ SERIES INDEX索引

SUS+ 立銑刀

Shape 刃部形狀	Flute 刃數	Type 刀型	Mode 品名	Photo 照片	Coating 塗層	Spec. 規格表	Cutting Condition 切削條件
Square 平刀	4	d x 2~2.5倍刃長 立銑刀	SUS+		nACRo	53	183
Square 平刀	4	d x 4倍刃長 立銑刀	SUSL+		ZrN-A	53	183

SUS+

HPC HSC

Unceasing transcend self
Appear perfect limit

結合材料、研磨、塗層三要素而成的SUS+系列銑刀提供了絕佳的耐磨性，不局限於不鏽鋼加工，在一般加工上使用壽命更加優異。

搭配ZrN-A薄膜提供了高氧化溫度、高硬度及抗沾粘特性，可得到切削壽命穩定，使用這款新刀具肯定可以為刀具壽命短且不穩定而煩惱的衆多不鏽鋼加工用戶解決困難，以及在難切削材料加工中追求高速高效用戶降低成本。

The SUS+ series, which combines the three elements of material, grinding and coating, provides excellent wear resistance. It is not limited to stainless steel processing, and has an even better service life in general processing.

With ZrN-A coating, it provides high oxidation temperature, high hardness and anti-sticking characteristics, and can obtain stable tool life. Using this new tool can not only solve the difficulties of many stainless steel processing users who are troubled by the short and unstable tool life, but also help users who for pursuing high-speed and high-efficiency to reduce costs in difficult-to-cut materials processing.

長刃過中心刃口、端齒排屑空間大，針對插槽加工和坡銑加工的幾何設計。

The long edge passes through the center edge, the end tooth has a large chip removal space, and the geometric design is aimed at slot machining and ramp milling.

特殊圓形溝槽設計，可提升排屑效果，減少應力產生，提高刀具強度。

Special flute geometry to improve chip disposal.

刀刃分割角採用A≠B，刀刃螺角採用 α ≠ β ，於刀刃採用不等分割角搭配其不等螺旋的設計，能有效的降低刀具加工時所產生的共振。

Unequal Flute Spacing , A≠B Irregular Helix Flutes, α ≠ β Ensures stable machining of difficult-to-cut materials, and achieve high efficient performance.

ZrN-A塗層通過特殊的塗層工藝可提高硬度及耐磨性，並可以有效隔離工件材料和刀具材料粘著。

ZrN-A coating passed through the NANO level,can increase the hardness and wear-resisting,also effective segregate the stick between the work piece and cutting tool.



SUS+ Stainless Steel Expert
不鏽鋼專用立銑刀

切 削 條件表 P183 Cutting Condition

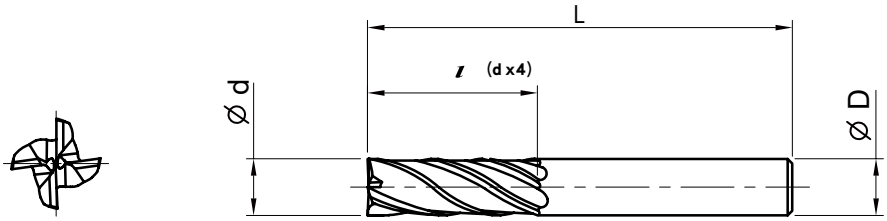




SUS+

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
型號	d 刃徑	ℓ 刃長	L 全長	D 柄徑	Z 刃數
SUS+0304	3	7	50	6	4
SUS+0404	4	10	50	6	4
SUS+0504	5	12	50	6	4
SUS+0604	6	13	50	6	4
SUS+0804	8	19	60	8	4
SUS+1004	10	22	75	10	4
SUS+1204	12	26	75	12	4
SUS+1604	16	32	100	16	4

切 削 條件表 P183 Cutting Condition



SUSL+

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
型號	d 刃徑	ℓ 刃長	L 全長	D 柄徑	Z 刃數
SUSL+0604	6	24	75	6	4
SUSL+0804	8	32	100	8	4
SUSL+1004	10	40	100	10	4
SUSL+1204	12	48	115	12	4
SUSL+1604	16	64	150	16	4

Application 適用材質：

★ Perfect 最推薦　◎ Excellent 適合　○ Good 佳

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					
◎	◎					★				