
SUS+
Excellent wear resistance
High Efficiency
Stainless Steel
Excellent wear resistance
HSC
HPC

SUS+ SERIES INDEX

Shape	Flute	Type	Mode	Photo	Coating	Spec.	Cutting Condition
Square	4	d x 2~2.5	SUS+		nACRo	53	151
Square	4	d x 4	SUSL+		ZrN-A	53	151

SUS+

HPC HSC

Unceasing transcend self
Appear perfect limit

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.

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.

Special flute geometry to improve chip disposal.

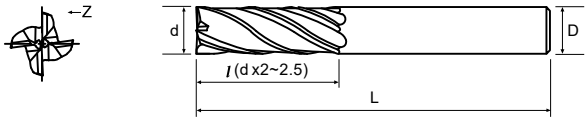
Unequal Flute Spacing , A≠B Irregular Helix Flutes, α ≠ β Ensures stable machining of difficult-to-cut materials, and achieve high efficient performance.

ZrN-A 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

HPC | HSC | A≠B | 43° 44° 45° 46° | ZrN-A | Cutting Condition P151

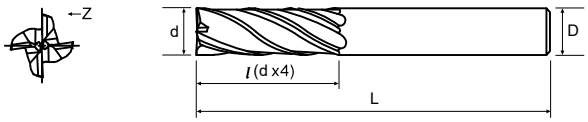




SUS+

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
	d	l	L	D	Z
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

A≠B | 43° 44° 45° | ZrN-A | Cutting Condition P151



SUSL+

MODE	Diameter	Flute Length	Full Length	Shank Diameter	Flutes
	d	l	L	D	Z
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 :

★ Perfect ◎ Excellent ○ Good

Carbon steel, Alloy steel	Pre-harden steel	High-hardened				Stainless steel	Titanium alloy	Nickel/Inconel alloy	Copper alloy	Aluminum alloy
	~45HRC	~50HRC	~55HRC	~60HRC	~65HRC					
◎	◎					★				