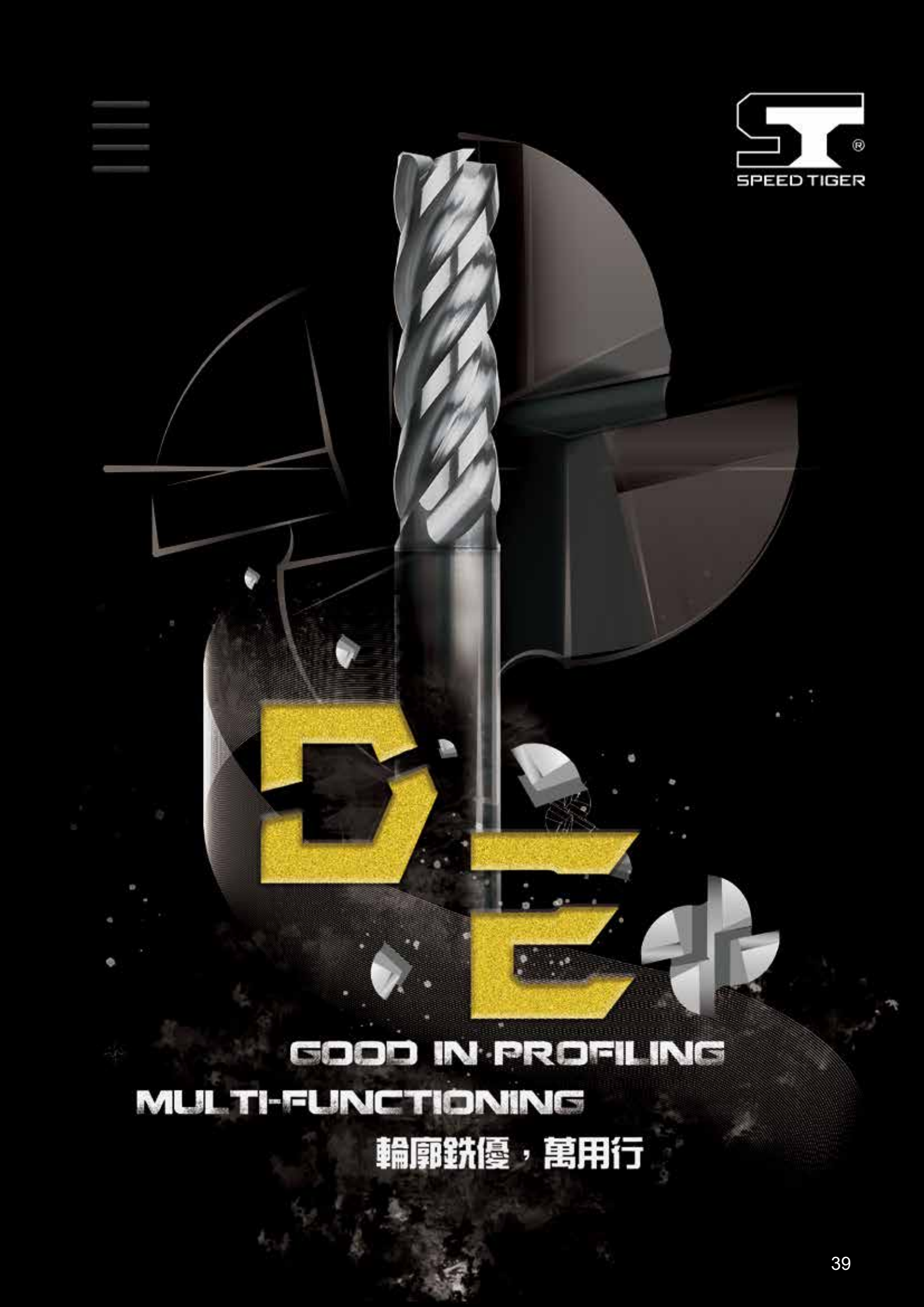

SPEED TIGER
GOOD IN PROFILING
MULTI-FUNCTIONING
輪廓銑優，萬用行

DE SERIES

INDEX索引

DE 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 2.5 2.5倍刃長 立銑刀	DE		nACRo	42	178-179
Square 平刀	4	d x 3 3倍刃長 立銑刀	DEL		TiSiN	43	178-179
Square 平刀	4	d x 4.5 4.5倍刃長 立銑刀	DEVL		ZrN-A	44	178-179

DE SERIES

Characteristics 特色

不等分割的設計可減少刀具震動並延長壽命。
Unequal flute spacing design can reduce the vibration and prolong life.



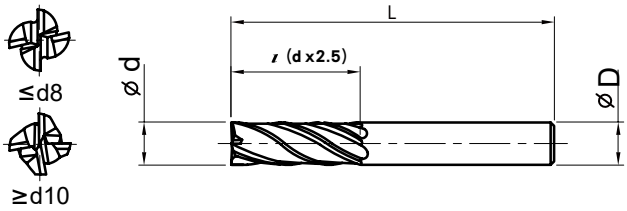
獨特的螺旋槽幾何形狀設計，改善傳統刀具切削處理不良的狀況。
An unique helical geometry design. Improve the traditional on tools which have poor cutting.

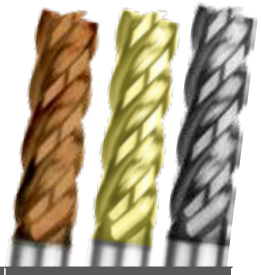
40°螺旋角可用於中粗加工與精加工，表現出優異的加工表現。
40 degree of helix angle can be used as rough machining and finish machining as well as performed excellent on processing.

偏心式離隙角可提高刀刃強度，穩定高效率的進給及壽命。
The eccentric type relief angle can increase the strength of the blade and stabilize the high efficiency feed and life.

DE - d x 2.5
DE立銑刀（2.5倍刃長）

切削條件表 P178-179
Cutting Condition





MODE	Diameter	Flute Length	Full Length	Shank Diameter	Coating		
型號	d 刃徑	ℓ 刃長	L 全長	D 柄徑	TiSiN	ZrN-A	nACRo
DE0104	1	2.5	50	4	.02	.03	.08
DE0154	1.5	3.8	50	4	.02	.03	.08
DE0204	2	5	50	4	.02	.03	.08
DE0304	3	7.5	50	4	.02	.03	.08
DE0404	4	10	50	4	.02	.03	.08
DE0504	5	12.5	50	6	.02	.03	.08
DE0604	6	15	50	6	.02	.03	.08
DE0804	8	20	60	8	.02	.03	.08
DE1004	10	25	75	10	.02	.03	.08
DE1204	12	30	75	12	.02	.03	.08
DE1604	16	40	100	16	.02	.03	.08
DE2004	20	50	100	20	.02	.03	.08

Application 適用材質：

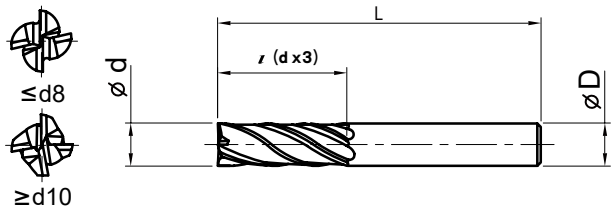
★ Perfect 最推薦　◎ Excellent 適合　○ Good 佳

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					
nACRo	◎	◎	◎	○			◎				
TiSiN	○	○	◎	◎							
ZrN-A	◎	◎	○	○			◎				

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DEL - d x 3
DEL立銑刀（3倍刃長）

切 削 條件表 P178-179 Cutting Condition





MODE	Diameter	Flute Length	Full Length	Shank Diameter	Coating		
型號	d 刃徑	ℓ 刃長	L 全長	D 柄徑	TiSiN	ZrN-A	nACRo
DEL0404	4	12	50	4	.02	.03	.08
DEL0604	6	18	60	6	.02	.03	.08
DEL0804	8	24	75	8	.02	.03	.08
DEL1004	10	30	75	10	.02	.03	.08
DEL1204	12	36	100	12	.02	.03	.08
DEL1604	16	48	100	16	.02	.03	.08
DEL2004	20	60	150	20	.02	.03	.08

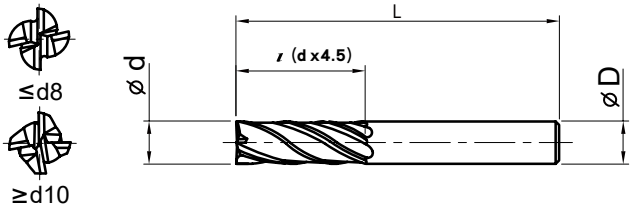
Application 適用材質：

★ 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					
nACRo	◎	◎	◎	○			◎				
TiSiN	○	○	◎	◎							
ZrN-A	◎	◎	○	○			◎				

DEVL - d x 4.5
DEVL立銑刀（4.5倍刃長）

切削條件表 P178-179 Cutting Condition





MODE	Diameter	Flute Length	Full Length	Shank Diameter	Coating		
型號	d 刃徑	ℓ 刃長	L 全長	D 柄徑	TiSiN	ZrN-A	nACRo
DEVL0604	6	27	75	6	.02	.03	.08
DEVL0804	8	36	100	8	.02	.03	.08
DEVL1004	10	45	100	10	.02	.03	.08
DEVL1204	12	54	115	12	.02	.03	.08
DEVL1604	16	72	150	16	.02	.03	.08
DEVL2004	20	90	150	20	.02	.03	.08

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					
nACRo	◎	◎	◎	○			◎				
TiSiN	○	○	◎	◎							
ZrN-A	◎	◎	○	○			◎				

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