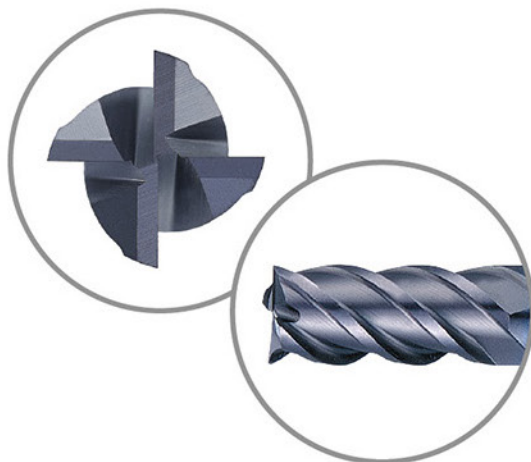


# MS4PL series

## High Helix, For Hardened Material, Long Shank, 4 Flute

四刃高螺旋、高硬度長柄鑄鋼立銑刀



■ (B) Composite Blank 複合式棒料 ■ (C) Solid Carbide 全鑄鋼 ■ (S) S Type of New Brazing 鑄鋼接鑄鋼  
\* (B) Not available for SUS with shrink fit chuck. (B) 不銹鋼柄 (SUS) 的複合式刀具請勿用於攪結式刀桿。

⊖ D ≤ 3 -0.005~-0.02  
3 < D ≤ 12 -0.01~-0.03

Model No. 型號	Diameter (D) 刃徑	Flute Length (ℓ) 刃長	Overall Length (L) 全長	Shank Diameter (d) 柄徑	Stock 庫存	Blank Type 棒料型式
MS4PLD0400L075	4	20	75	4	○	(B) (C) (S)
MS4PLD0500L075	5	20	75	6	○	(B) (C) (S)
MS4PLD0600L075	6	30	100	6	○	(B) (C) (S)
MS4PLD0750L100	7.5	30	100	8	※	(B) (C) (S)
MS4PLD0800L100	8	35	100	8	○	(B) (C) (S)
MS4PLD1000L100	10	35	100	10	○	(B) (C) (S)
MS4PLD1200L100	12	40	100	12	○	(B) (C) (S)
MS4PLD1400L100	14	60	150	16	※	(B) (C) (S)
MS4PLD1600L150	16	70	150	16	※	(B) (C) (S)
MS4PLD2000L200	20	100	200	20	※	(B) (C) (S)
MS4PLD2500L200	25	100	200	25	※	(B) (C) (S)

○ Standard 標準品 ※ Produce by order 訂製品 (Unit 單位: mm)

Carbon Steels	Alloy Steels	Tools Steels	Prehardened Steels	Prehardened Steels	Hardened Steels	Stainless Steels	Cast Iron	Ductile Cast Iron	Copper Alloys	Aluminum Alloy	Graphite	Titanium Alloys	Heat Resistant Alloys	Plastic	Composite Material CFRP
~40HRC				~45 HRC	~55 HRC	~60 HRC	~65 HRC	~35 HRC	~350HB						
⊙	⊙	⊙		⊙	⊙				○	○					

⊙ Excellent ○ Better