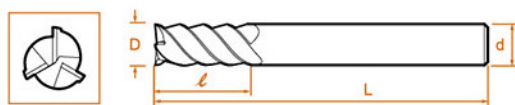


3HA series

For Aluminum Alloy, 3 Flute 鋁合金專用三刃鎢鋼立銑刀



(B) Composite Blank 複合式棒料
 (C) Solid Carbide 全鎢鋼
 (S) S Type of New Brazing 鎢鋼接鎢鋼

$D \leq 3 \quad -0.005 \sim -0.02$
 $3 < D \leq 12 \quad -0.01 \sim -0.03$

* (B) Not available for SUS with shrink fit chuck. (B) 不銹鋼柄 (SUS) 的複合式刀具請勿使用於燒結式刀桿。

Model No. 型號	Diameter (D) 刀徑	Flute Length (ℓ) 刃長	Shank Diameter (d) 柄徑	Overall Length (L) 全長	Stock 庫存	Blank Type 棒料型式
3HAD0100S04	1	3	4	50	○	(B) (C) (S)
3HAD0150S04	1.5	4	4	50	○	(B) (C) (S)
3HAD0200S04	2	6	4	50	○	(B) (C) (S)
3HAD0300S04	3	9	4	50	○	(B) (C) (S)
3HAD0300S06	3	9	6	50	○	(B) (C) (S)
3HAD0400S04	4	12	4	50	○	(B) (C) (S)
3HAD0400S06	4	12	6	50	○	(B) (C) (S)
3HAD0500S06	5	15	6	50	○	(B) (C) (S)
3HAD0600S06	6	18	6	50	○	(B) (C) (S)
3HAD0800S08	8	20	8	60	○	(B) (C) (S)
3HAD1000S10	10	30	10	75	○	(B) (C) (S)
3HAD1200S12	12	32	12	75	○	(B) (C) (S)
3HAD1600S16	16	45	16	100	✗	(B) (C) (S)
3HAD2000S20	20	45	20	100	✗	(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