

A1°
不等螺旋
Unequal Spiral
A1° ≠ A2°



MUH-FMM series

圓溝不等分割不等螺旋

Round land Unequal Spiral Unequal Division

4 刃鎢鋼立銑刀

4 Flutes Carbide End Mill

不等角分割利於高速進給加工抗震性

Unequal division to improve seismic resistance of high-speed feed machining.

不等螺旋角利於高速加工抗崩裂性

Unequal helix angle to improve high speed processing resistance to chipping.

螺旋角採用35°/38°設計，刀刃採用分割角及螺旋角不相等，改變每刃進給量，使每刃的銑削波形不再相同，可有效降低或避免刀具進行側銑時的切削震動紋路，有利於獲得高質量的加工表面和提高刀具壽命。特殊U型溝槽設計，利於插銑加工時排屑優良，減少工件產生端口毛刺

Helix angle 35°/38° design, the cutting edge adopts the division angle and the spiral angle are not equal change the feed per blade make the milling waveform of each edge no longer the same It can effectively reduce and avoid the vibration pattern generated during side milling conducive to high quality machining surfaces and improved tool life, special U-shaped groove design Makes the commissioner with excellent chip removal effect during the plunge milling process reduce workpiece generation port burrs.



側銑

Side Milling



斜度坡走銑削

Angular Plunge Grinding



全開槽

Full Slot

適用材質 Processing on

鋼

Alloy Steel

不鏽鋼

Stainless Steel

鑄鐵

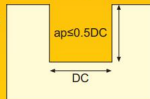
Cast Iron

切削參數 The Cutting Data

直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
(mm/min) 進給速度 Vf	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	480

切削深度 Cutting depth

開槽 Slotted



側邊 Side



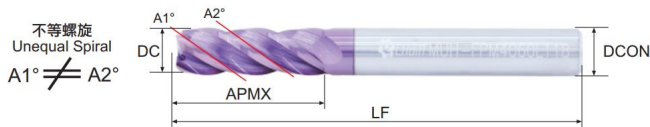
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刀徑 Diameter of cutting

MUH-FMM 4000

圓溝不等分劃不等螺旋 4 刃鎢鋼立銼刀
Round land Unequal Spiral Unequal Division 4 Flutes Carbide End Mill



	產品型號 Model No	在庫 Stock	切削直徑	切刃長度	柄部直徑	標準全長	價格 Price
			DC	APMX	DCON	LF	
NEW	MUH-FMM4020L106		2	6	4	50	
NEW	MUH-FMM4030L109		3	9	4	50	
NEW	MUH-FMM4040L112		4	12	4	50	
NEW	MUH-FMM4050L115		5	15	6	50	
NEW	MUH-FMM4060		6	15	6	50	
NEW	MUH-FMM4060L118	●	6	18	6	50	
NEW	MUH-FMM4080		8	20	8	60	
NEW	MUH-FMM4080L124		8	24	8	60	
NEW	MUH-FMM4100		10	25	10	75	
NEW	MUH-FMM4100L130		10	30	10	75	
NEW	MUH-FMM4120		12	30	12	75	
NEW	MUH-FMM4120L136		12	36	12	75	
NEW	MUH-FMM4160		16	48	16	100	
NEW	MUH-FMM4200		20	50	20	100	

MUH-FMM 4000系列切削參數

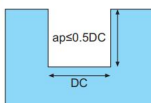
The Cutting Data For MUH-FMM 4000 Series

被加工材質 Material: 鋼 Steel 不鏽鋼 Stainless steel 鑄鐵 Iron cast

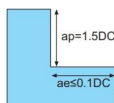
直徑 (mm) Shank		4	6	8	10	12	16	20
轉速 n (min)		6000	4000	2900	2400	1900	1500	1200
進給速度 (mm/min) Vf	開槽 Slotted	420	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	480	400

切削深度 Cutting depth

開槽 Slotted



側邊 Side



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
DC : 刃徑 Diameter of cutting