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鎢鋼端銑刀 Carbide End Mill



◎平刀系列 Square Type Series

S-EMM 2000	B15
S-EMML 2000L2	B16—B17
S-OGM 2000	B18—B19
EMM 2000	B20—B21
EMM 2000L1	B22—B25
EMM 2000T00	B26
EMM 3000	B27
EMM 4000	B28—B29
EMM 4000L1	B30—B31
EPM 2000	B32—B33
EPM 3000	B34
EPM 4000	B35—B36
GMM 3000	B37
GMM 4000	B38—B39
GMM 6000	B40
GPM 6000	B41
MU-EMM 4000	B42—B43
MU-GMM 4000	B44—B47
MU-GPM 4000	B48
MU2-GPM 4000	B49
MUH-FMM 4000	B50
MUH-FPM 4000	B51
MUH-GMM 4000	B52
MUH-IMM 4000	B53—B54
MUH-IMM 4000-DIN	B55
MUH-IPM 3000L1	B56
MUH-IPM 4000	B57—B58
MUH-IGM 4000	B59
MUH-IEM 4000	B60
MUH-IYM 4000	B61
LUH-IMM 4000	B62
MMH-LMM 4000	B63
MMH-LPM 4000	B64
FM-CMM 4000	B65
RM-CMM 4000	B66
CFM-CWM	B67

鎢鋼端銑刀識別系統 規格圖標指南 加工圖標指南 鎢鋼端銑刀全系列索引表 材質銑削推薦表

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Specification Icon Guide	B03
Processing Icon Guide	B04
For Index Carbide End Mill Series	B05—B12
Recommend Cutting List	B13—B14

◎球頭刀系列 Ball Nose Type Series

S-EMB 2000	B68
S-EMB 2000L2	B69
S-EPB 2000	B70
EMB 2000	B71—B72
EMB 2000L2	B73—B74
EMB 4000	B75—B76
EWB 2000	B77
EPB 2000	B78
EPB 4000	B79
EEB 2000	B80
DMB 2000	B81
DWB 2000L2	B82
DPB 2000	B83

◎酒桶刀系列 Barrel Tungsten Series

PA-DPB	B84
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◎內R角刀系列 Inner R Series

EPU 4000L1	B85
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◎圓鼻刀系列 Corner Radius Type Series

DMR 2000R00	B86—B87
DMR 2000R00L2	B88
DMR 4000R00	B89—B91
GPR 6000R00	B92
PH-FMR 4000R00	B93
PH-FPR 4000R00	B94—B95
PH-FER 4000R00	B96
PH-FPC 4000C00	B97
SUH-FMR 4000R00-DIN	B98—B99
SUH-FYR 4000R00	B100

◎倒角刀系列 Chamfer Type Series

CC-AMC	B101
CR-AMC	B102
DT-DMC 2000	B103
DC-DMC 2000	B104
DR-DMC 2000	B105
DC-DWC 2000	B106
DR-DWC 2000	B107
DC-DPC 2000	B108
DC-DMM 2000	B109
DR-DMM 2000	B110
DCM-EPC 3000	B111

◎外R倒角刀系列 Outer R Chamfer Series

AMI 2000	B112
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◎T型槽刀系列 T-Slot Series

AMT	B113
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◎雕刻端銑刀系列

Engraving End Mill Series	
E180-AWA 1000L1	B114
E030-AWC 1000L1	B115

◎鋁合金專用刀系列 Aluminum Type Series

GMA 2000	B116
GMA 3000	B117—B118
HMA 2000	B119—B120
HMA 3000	B121
MU2-GMA 3000	B122
MU2-HMA 3000	B123
MU3-JMA 3000	B124

鎢鋼端銑刀識別系統

Carbide End Mill Identification System

MUH - E M M L



1 特徵 Feature

記號 Symbol	特 徵 Feature	
S	微小徑 Micro Diameter	
E180	平行雕刻刀 Engraving Blanks Precision Ground	
E090	90°雕刻刀 90° Engraving Blanks Precision Ground	
E060	60°雕刻刀 60° Engraving Blanks Precision Ground	
E030	30°雕刻刀 30° Engraving Blanks Precision Ground	
MMH	平溝不等分割 Flat Land Uneven Division	
MU	圓溝 Rounded Land	
MU2	圓溝 2 離隙 Rounded Land Double Edge	
MU3	圓溝 3 離隙 Rounded Land Triple Edge	
MUH	圓溝不等分割 Rounded Land Unequal Division	
KUH	圓溝不等分割鑄鐵加工用 Round Land Unequal Split for Cast Iron Processing	
LUH	圓溝不等分割車銑複合端銑刀 Round Land Unequal Split For Turning And Milling Center Carbide End Mill	
SUH	圓溝不等分割高進給 Round Land Unequal Division High Feed	
PA	酒桶銑刀 Barrel end mill	
PH	不等分割非圓溝 Unequal Division Non-Round Land	
DT	定位鑽夾角60° Position Drill 60°	DC 定位鑽夾角90° Position Drill 90°
DS	定位鑽夾角80° Position Drill 80°	DR 定位鑽夾角120° Position Drill 120°
DCM	90°定位倒角銑刀 90° Position Drilling Chamfering End Mill	
RU	圓溝粗加工粗銑 Rounded Land Roughing	
CU	圓溝中工粗銑 Rounded Land Medium Roughing	
FU	圓溝精加工粗銑 Rounded Land Finishing Roughing	
FM	精加工粗銑 Fine Pitch & Finishing Roughing	RM 粗加工粗銑 Fine Pitch & Roughing
CM	中加工粗銑 Fine Pitch & Medium Roughing	CFM 複合材料精加工 For Composites Finishing
V	鳩尾槽 Dove-Tail Groove	
VV	雙刃鳩尾槽 Double-Edge Dove-Tail Groove	
CB	30°V型鳩尾槽刀 V Type Dove-Tail Groove 30°	CC 90°V型鳩尾槽刀 V Type Dove-Tail Groove 90°
CR	60°V型鳩尾槽刀 V Type Dove-Tail Groove 60°	CE 140°V型鳩尾槽刀 V Type Dove-Tail Groove 140°
BS	沉頭銑刀 Countersunk End Mill	

2 000 XXX - DIN

6 刀數 Flute	7 切削直徑 Cutting Diameter	8 其他 Other	9 歐洲規格 Specification For Europe Market
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2 螺旋角 Helix Angle **3** 材質 Grade **4** 用途 Application

記號 Symbol	角度 Angle
A	0°
B	20°
C	25°
D	30°
E	35°
F	35°/38°
G	45°
H	55°
I	42°/45°
J	50°
K	38°/40°
L	39°/41°
M	120°
O	40°
P	38°
S	8°

記號 Symbol	材質 Grade
E	E300
G	G300
H	H300
M	M500
P	P500
W	W500
Y	Y500

記號 Symbol	說明 Explanation
M	平刀 Square
B	球頭 Ball Nose
U	內R角 Inner Radius
R	圓鼻刀 Corner Radius
C	倒角 Chamfer
I	外R角 Outer Radius
T	T型刀 T Type
A	鋁用刀 Aluminum

8 其他 Other

R□□ R角 Radius ex : R02=R0.2mm	特殊全長 (mm) Special L.F	C:50	D:60	E:175
T□□ 錐度角度 Tapered ex : T005=0.5°		H:100	M:150	R:200
C□□ 倒角長度 Chamfer Length ex : C02=0.2mm	CW	切削寬度 Cutting Width		
D□□ 特殊柄徑 Special Shank Diameter ex : D6=6mm	X□□□□	特殊角度 Special Angle ex : X40.45=鳩尾槽刀 角40°，導角45° The angle of dove tail mill is 40°, chamfering is 45°.		
L1 特殊切削長度 Special Flute Length				
L2 特殊可使用長度 Special Length				

規格圖標指南 Specification Icon Guide

圖標 Icon	說明 Explanation	圖標 Icon	說明 Explanation
MG	超微粒子超硬合金 Micro Grain Carbide	Altin AlTiN Coating TiSin TiSin Coating TSY TSY Coating	AlTiN 鋁鈦氮塗層 TiSin 矽鈦塗層 TSY 塗層
μm 0.5	精度單位 Accuracy	E 300 G 300 H 300 M 500 P 500 W 500 Y 500	材質 Grade
CO 10% CO 12%	含鈷量 Cobalt Content	0° 20° 25° 30° 35° 40° 45°	螺旋角度 Helix Angle
HRC <55 HRC <60	可被切削材硬度 Hardness Of Workpiece	50° 55° 120° 35° 38° 38° 40° 39° 41° 42° 45°	

加工圖標指南

Processing Icon Guide

圖標 Icon	說明 Explanation	圖標 Icon	說明 Explanation	圖標 Icon	說明 Explanation	圖標 Icon	說明 Explanation
	直角鑽孔 Right Angle Drilling		斜度坡走銑削 Angular Plunge Grinding		側面倒角 Side Chamfering		側銑 Side Milling
	圓孔倒角 Chamfer Of Rounding Hole		全開槽 Full Slot		背面倒角 Back Chamfering		斜面側銑 Incline Side Milling
	圓孔外R倒角 Round Hole Outside R Chamfering		R角開槽 R Corner Slotced		側銑倒角 Side Milling Chamfering		R角側銑 R Corner Side Milling
	定位加工 Position Processing		R溝槽 R Slot		背面外R倒角 Backside R Chamfering		倒角 Chamfer
	R角鑽孔 R Corner Drilling		內R開槽 Internal R Slotced		背面內R倒角 Backside Inner R Chamfering		外R倒角 Outer R Chamfer
	側面V槽 Side V Groove Processing		倒角開槽 Chamfer Slotced		內R角側銑 Internal R Corner Side Milling		曲面銑削 Surface Milling
	拋物線銑削 Parabolic Milling		T型槽銑 T Type		倒角側銑 Chamfer Side Milling		仿型銑削 Profile Milling
			雕刻銑削 Carving milling		內倒角 Internal Chamfer		

平刀鎢鋼端銑刀索引表

For Index Square Type Carbide End Mill Series

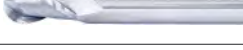
產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
S-EMM 2000 	Ø4	      	B15
NEW S-EMML 2000L2 	Ø4	      	B16—B17
S-OGM 2000 	Ø4 Ø6	      	B18—B19
NEW EMM 2000 	Ø4 Ø10 Ø16 Ø6 Ø12 Ø20 Ø8 Ø14	      	B20—B21
NEW EMM 2000L1 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B22—B25
EMM 2000T00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B26
EMM 3000 	Ø6 Ø12 Ø8 Ø16 Ø10	      	B27
NEW EMM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	      	B28—B29
NEW EMM 4000L1 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	      	B30—B31
EPM 2000 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B32—B33
NEW EPM 3000 	Ø6 Ø8 Ø10	      	B34
NEW EPM 4000 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	      	B35—B36
NEW GMM 3000 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B37
GMM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø25 Ø8 Ø16	      	B38—B39
GMM 6000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø25 Ø8 Ø16	      	B40

	產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
NEW	GPM 6000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø25 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <60 P 500 45 TiSiN	B41
NEW	MU-EMM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <55 M 500 35 Altin	B42 – B43
	MU-GMM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <55 M 500 45 Altin	B44 – B47
NEW	MU-GPM 4000 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <60 P 500 45 TiSiN	B48
	MU2-GPM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <60 P 500 45 TiSiN	B49
	MUH-FMM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <55 M 500 35 38 Altin	B50
NEW	MUH-FPM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <60 P 500 35 38 TiSiN	B51
	MUH-GMM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <55 M 500 45 Altin	B52
	MUH-IMM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <55 M 500 42 45 Altin	B53 – B54
	MUH-IMM 4000 -DIN 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <55 M 500 42 45 Altin	B55
	MUH-IPM 3000L1 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <60 P 500 42 45 TiSiN	B56
	MUH-IPM 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 12% HRC <60 P 500 42 45 TiSiN	B57 – B58
	MUH-IGM 4000 	Ø4 Ø10 Ø6 Ø12 Ø8	MG μ m 0.5 CO 10% HRC <55 G 500 42 45 Altin	B59
NEW	MUH-IEM 4000 	Ø4 Ø10 Ø6 Ø12 Ø8	MG μ m 0.5 CO 10% HRC <60 E 500 42 45 TiSiN	B60
NEW	MUH-IYM 4000 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	MG μ m 0.5 CO 10% HRC <60 Y 500 42 45 TSY	B61
	LUH-IMM 4000 	Ø6 Ø8 Ø10	MG μ m 0.5 CO 12% HRC <55 M 500 42 45 Altin	B62

	產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
NEW	MMH-LMM 4000 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	      	B63
NEW	MMH-LPM 4000 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	      	B64
	FM-CMM 4000 	Ø6 Ø12 Ø8 Ø16 Ø10	      	B65
	RM-CMM 4000 	Ø6 Ø12 Ø8 Ø16 Ø10	      	B66
	CFM-CWM 	Ø4 Ø10 Ø6 Ø12 Ø8	   	B67

球頭鎢鋼端銑刀索引表

For Index Ball Nose Type Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
S-EMB 2000 	Ø4	      	B68
S-EMB 2000L2 	Ø4	      	B69
S-EPB 2000 	Ø4	      	B70
EMB 2000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	      	B71 – B72
EMB 2000L2 	Ø4 Ø6 Ø8	      	B73 – B74
EMB 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	      	B75 – B76
EWB 2000 	Ø4 Ø10 Ø6 Ø12 Ø8	    	B77
EPB 2000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	      	B78
 EPB 4000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	      	B79
EEB 2000 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B80
DMB 2000 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B81
DWB 2000L2 	Ø4	    	B82
DPB 2000 	Ø6 Ø10	      	B83

酒桶鎢鋼端銑刀索引表

For Index Barrel Tungsten Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
PA-DPB 	Ø6 Ø12 Ø8 Ø10	      	B84

內 R 角鎢鋼端銑刀索引表

For Index Inner R Type Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
EPU 4000L1 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	      	B85

圓鼻鎢鋼端銑刀索引表

For Index Corner Radius Type Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
DMR 2000R00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B86 – B87
DMR 2000R00L2 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B88
NEW DMR 4000R00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B89 – B91
GPR 6000R00 	Ø6 Ø12 Ø8 Ø16 Ø10 Ø20	      	B92
PH-FMR 4000R00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B93
NEW PH-FPR 4000R00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B94 – B95
PH-FER 4000R00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B96
PH-FPC 4000C00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B97
NEW SUH-FMR 4000R00L1 -DIN 	Ø6 Ø12 Ø8 Ø16 Ø10 Ø20	      	B98 – B99
SUH-FYR 4000R00 	Ø4 Ø10 Ø6 Ø12 Ø8	      	B100

倒角專用鎢鋼端銑刀索引表

For Index Chamfer Type Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
CC-AMC 	Ø6 Ø12 Ø8 Ø10	MG     	B101
CR-AMC 	Ø6 Ø12 Ø8 Ø10	MG     	B102
DT-DMC 2000 	Ø3 Ø6 Ø12 Ø4 Ø8 Ø16 Ø5 Ø10 Ø20	MG      	B103
DC-DMC 2000 	Ø3 Ø6 Ø12 Ø4 Ø8 Ø16 Ø5 Ø10 Ø20	MG      	B104
DR-DMC 2000 	Ø3 Ø6 Ø12 Ø4 Ø8 Ø16 Ø5 Ø10 Ø20	MG      	B105
DC-DWC 2000 	Ø3 Ø6 Ø16 Ø4 Ø8 Ø5 Ø10	MG    	B106
DR-DWC 2000 	Ø3 Ø6 Ø16 Ø4 Ø8 Ø5 Ø10	MG    	B107
DC-DPC 2000 	Ø3 Ø6 Ø12 Ø4 Ø8 Ø16 Ø5 Ø10 Ø20	MG      	B108
DC-DMM 2000 	Ø6 Ø12 Ø8 Ø16 Ø10 Ø20	MG      	B109
DR-DMM 2000 	Ø6 Ø12 Ø8 Ø16 Ø10 Ø20	MG      	B110
DCM-EPC 3000 	Ø3 Ø8 Ø4 Ø10 Ø6 Ø12	MG      	B111

外 R 倒角鎢鋼端銑刀索引表

For Index Outer R Chamfer Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
 AMI 2000	Ø4 Ø12 Ø6 Ø16 Ø8	MG     	B112

T 型槽鎢鋼端銑刀索引表

For Index T-Type Slot Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
 AMT 	Ø8 Ø12	      	B113

鋁用雕刻端銑刀索引表

For Index Engraving For Aluminum End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
E180-AWA 1000L1 	Ø3 Ø6 Ø12 Ø4 Ø8 Ø5 Ø10	    	B114
E030-AWC 1000L1 	Ø3 Ø6 Ø4 Ø5	    	B115

鋁合金專用鎢鋼端銑刀索引表

For Index Aluminum Type Carbide End Mill Series

產品形狀 Item Style	柄部直徑 (mm) Shank	規格圖標 Description	頁碼 Page
GMA 2000 	Ø6 Ø8 Ø10	    	B116
 GMA 3000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	    	B117-B118
HMA 2000 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	    	B119-B120
HMA 3000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	    	B121
 MU2-GMA 3000 	Ø4 Ø9 Ø16 Ø6 Ø10 Ø20 Ø8 Ø12	    	B122
MU2-HMA 3000 	Ø4 Ø10 Ø6 Ø12 Ø8 Ø16	    	B123
MU3-JMA 3000 	Ø4 Ø10 Ø20 Ø6 Ø12 Ø8 Ø16	    	B124

材質銑削推薦表

Recommend Cutting List

 ◎第一推薦 First recommend
 ○第二推薦 Second recommend

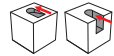
塗層材質分類 Coating Material Classification		適用領域建議 Suit Filed Suggestion			P	M	K	X	N	H	S				
		高精度 High Precision	輕切削 Light Cutting	重切削 Roughing Cutting	一般鋼 Steel	合金鋼 Alloy Steel	碳鋼 Carbon Steel	不銹鋼 Stainless Steel	鑄鐵 Cast Iron	銅 Copper	鋁合金 Aluminum	複合材質 Composites	高硬度材 High Hardness Material	難切削材 Hard to Cut Material	
平刀塗層 Square End Mill Coating (PVD)		High Speed Processing ↑ 高速加工 (Vf) ↓ Standard Processing 一般加工													
			MUH-IGM			◎	◎	○	◎	◎				○	
			MUH-DEM			◎	◎	◎	○	◎				○	
			MUH-IPM、MUH-FPM、 MMH-LPM			◎	◎	◎	○	◎					○
			MUH-IMM、MUH-IMM-DIN、 MMH-LMM、LUH-IMM			◎	◎	○	◎	◎					
			MUH-GMM、MUH-FMM			◎	◎	○	◎	◎					
			EPM、OGM			◎	◎	◎	○	◎					○
			MU2-GPM			◎	◎	◎	○	◎					○
圓鼻刀塗層 Corner Radius Type Coating (PVD)		High Speed Processing ↑ 高速加工 (Vf) ↓ Standard Processing 一般加工	SUH-FYR				○		◎						
			PH-FPR、PH-FPC			◎	◎	◎	○	◎					
			GPR、PH-FER、PH-FMR			◎	◎	◎	○	◎				○	
			DMR			◎	◎	○	◎	◎					
球頭刀塗層 Ball Nose Type Coating (PVD)		High Speed Processing ↑ 高速加工 (Vf) ↓ Standard Processing 一般加工	PA-DPB			○	○	◎	◎	○					
			EEB			◎	◎	◎	○	◎				○	
			EPB、DPB			○	○	◎	◎						
			EMB			◎	◎	○	◎	◎				○	
			DMB			◎	◎	◎	○	◎				○	
			EWB、DWB								○	◎			

◎第一推薦 First recommend
○第二推薦 Second recommend

塗層材質分類 Coating Material Classification	適用領域建議 Suit Filed Suggestion			P	M	K	X	N	H	S			
	高精度 High Precision	輕切削 Light Cutting	重切削 Roughing Cutting	一般鋼 Steel	合金鋼 Alloy Steel	碳鋼 Carbon Steel	不銹鋼 Stainless Steel	鑄鐵 Cast Iron	銅 Copper	鋁合金 Aluminum	複合材質 Composites	高硬度材 High Hardness Material	難切削材 Hard to Cut Material
內R角刀塗層 Inner Radius Type Coating (PVD)	EPU			◎	◎	◎	○	◎	○				○
外R倒角刀塗層 Outer Radius Countersink Type Coating (PVD)	AMI			◎	◎	◎	◎	○	○				
T型槽刀塗層 T-Type Slot Coating (PVD)	AMT			◎	◎	◎	◎	○	○				
倒角刀塗層 Countersink Coating (PVD)	High Speed Processing ↑ Standard Processing ↓ (vf)	DC-DPC、DCM-EPC			◎	◎	◎	◎	◎				○
		DC-DMC、DR-DMC、 DT-DMC、DC-DMM			◎	◎	○	◎	◎				
		DC-DWC								○	◎		
		CC-AMC、CR-AMC			◎	◎	○	◎	◎				
粗、精 銑刀塗層 Roughing vs. Finishing Cutter Coating (PVD)	High Speed Processing ↑ Standard Processing ↓ (vf)	CFM-CWM							○	○	◎		
		FM-CMM、RM-CMM			◎	◎	○	◎	◎	○			
鋁用銑刀 (無塗層) Aluminum Carbide End Mill Without Coating	High Speed Processing ↑ Standard Processing ↓ (vf)	MU3-JMA							○	◎			
		MU2-GMA、MU2-HMA							○	◎			
		GMA							○	◎			
		HMA							○	◎			
		E180-AWA E030-AWC							○	◎			

S-EMM 2000

微小徑2刃鎢鋼立銑刀
Micro Diameter 2 Flute Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
S-EMM2002	●	0.2	0.4	4	50	
S-EMM2003	●	0.3	0.6	4	50	
S-EMM2004	●	0.4	0.8	4	50	
S-EMM2005	●	0.5	1	4	50	
S-EMM2006	●	0.6	1.2	4	50	
S-EMM2007	●	0.7	1.4	4	50	
S-EMM2008	●	0.8	1.6	4	50	
S-EMM2009	●	0.9	1.8	4	50	

S-EMM 2000系列切削參數

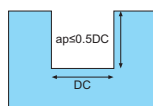
The Cutting Data For S-EMM 2000 Series

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

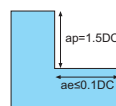
直徑 (mm) Shank		4
轉速 n (min)		4800
進給速度 (mm/min) Vf	開槽 Slotted	135
	側邊 Side	475

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

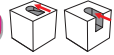


S-EMML 2000L2

微小徑長頸短刃2刃鎢鋼立銑刀
Micro Diameter Long Neck Short Flute
2 Flutes Carbide End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	可使用長度 LU	標準全長 LF	價格 Price
S-EMML2004L202	●	0.4	0.6	4	2	50	
S-EMML2004L204	●	0.4	0.6	4	4	50	
S-EMML2005L202	●	0.5	0.75	4	2	50	
S-EMML2005L204	●	0.5	0.75	4	4	50	
S-EMML2005L206	●	0.5	0.75	4	6	50	
S-EMML2006L202		0.6	0.9	4	2	50	
S-EMML2006L204		0.6	0.9	4	4	50	
S-EMML2006L206	●	0.6	0.9	4	6	50	
S-EMML2006L208	●	0.6	0.9	4	8	50	
NEW S-EMML2007L203	●	0.7	1.05	4	3	50	
S-EMML2008L203		0.8	1.2	4	3	50	
S-EMML2008L204		0.8	1.2	4	4	50	
S-EMML2008L206	●	0.8	1.2	4	6	50	
S-EMML2008L208	●	0.8	1.2	4	8	50	
S-EMML2008L210	●	0.8	1.2	4	10	50	
S-EMML2010L204	●	1	1.5	4	4	50	
S-EMML2010L206	●	1	1.5	4	6	50	
S-EMML2010L208		1	1.5	4	8	50	
S-EMML2010L210	●	1	1.5	4	10	50	
S-EMML2010L212		1	1.5	4	12	50	
S-EMML2015L204		1.5	2.25	4	4	50	
S-EMML2015L206		1.5	2.25	4	6	50	
S-EMML2015L208		1.5	2.25	4	8	50	
S-EMML2015L210		1.5	2.25	4	10	50	
S-EMML2015L212	●	1.5	2.25	4	12	50	
S-EMML2020L206		2	3	4	6	50	
S-EMML2020L208		2	3	4	8	50	
S-EMML2020L210	●	2	3	4	10	50	
S-EMML2020L212	●	2	3	4	12	50	
S-EMML2020L214		2	3	4	14	50	
S-EMML2020L216	●	2	3	4	16	50	
S-EMML2030L208		3	4.5	4	8	50	
S-EMML2030L210	●	3	4.5	4	10	50	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	可使用長度 LU	標準全長 LF	價格 Price
S-EMML2030L212		3	4.5	4	12	50	
S-EMML2030L214		3	4.5	4	14	50	
S-EMML2030L216	●	3	4.5	4	16	50	
S-EMML2030L220	●	3	4.5	4	20	50	

S-EMML 2000L2系列切削參數

The Cutting Data For S-EMML 2000L2 Series

被加工材質
Material

鋼
Steel

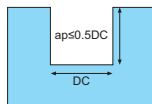
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

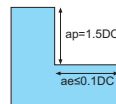
直徑 (mm) Shank		4
轉速 n (min)		4800
(mm/min) 進給速度 Vf	開槽 Slotted	135
	側邊 Side	475

切削深度 Cutting depth

開槽 Slotted



側邊 Side



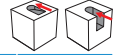
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting



S-OGM 2000

微小徑 2 刃鎢鋼立銑刀
Micro Diameter 2 Flute Carbide End Mill

產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
S-OGM2003	●	0.3	1.2	4	50	
S-OGM2004		0.4	1.6	4	50	
S-OGM2005		0.5	2	4	50	
S-OGM2006		0.6	2.4	4	50	
S-OGM2007		0.7	2.8	4	50	
S-OGM2008		0.8	3.2	4	50	
S-OGM2009		0.9	3.6	4	50	
S-OGM2010		1	4	4	50	
S-OGM2011		1.1	4.4	4	50	
S-OGM2012		1.2	4.8	4	50	
S-OGM2013		1.3	5.2	4	50	
S-OGM2014		1.4	5.6	4	50	
S-OGM2015		1.5	6	4	50	
S-OGM2016		1.6	6.4	4	50	
S-OGM2017		1.7	6.8	4	50	
S-OGM2018		1.8	7.2	4	50	
S-OGM2019		1.9	7.6	4	50	
S-OGM2020		2	8	4	50	
S-OGM2021		2.1	8.4	4	50	
S-OGM2022		2.2	8.8	4	50	
S-OGM2023		2.3	9.2	4	50	
S-OGM2024		2.4	9.6	4	50	
S-OGM2025	●	2.5	10	4	50	
S-OGM2026		2.6	10.4	4	50	
S-OGM2027		2.7	10.8	4	50	
S-OGM2028		2.8	11.2	4	50	
S-OGM2029		2.9	11.6	4	50	
S-OGM2030D6		3	12	6	50	

S-OGM 2000系列切削參數

The Cutting Data For S-OGM 2000 Series

被加工材質
Material

鋼
Steel

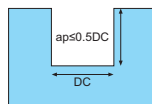
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

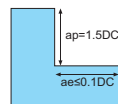
直徑 (mm) Shank		4	6
轉速 n (min)		4800	3100
進給速度 (mm/min) Vf	開槽 Slotted	135	120
	側邊 Side	475	375

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



EMM 2000

2 刃鎢鋼立銑刀
2 Flutes Carbide End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM2010	●	1	2.5	4	50	
EMM2010D6	●	1	2.5	6	50	
EMM2015	●	1.5	3.75	4	50	
EMM2020	●	2	5	4	50	
EMM2020D6	●	2	5	6	50	
EMM2025	●	2.5	6.25	4	50	
EMM2025D6	●	2.5	6.25	6	50	
EMM2030	●	3	7.5	4	50	
EMM2030D6	●	3	7.5	6	50	
EMM2030E1	●	3	7.5	4	75	
EMM2035	●	3.5	8.75	4	50	
EMM2035D6	●	3.5	8.75	6	50	
EMM2036	●	3.6	9	4	50	
EMM2038	●	3.8	9.5	4	50	
EMM2040	●	4	10	4	50	
EMM2040D6	●	4	10	6	50	
EMM2040E1	●	4	10	4	75	
EMM2040H		4	10	4	100	
EMM2045	●	4.5	11.25	6	50	
EMM2047	●	4.7	11.75	6	50	
EMM2050	●	5	12.5	6	50	
EMM2050D5		5	12.5	5	50	
EMM2050E1	●	5	12.5	6	75	
EMM2050H	●	5	12.5	6	100	
EMM2055	●	5.5	13.75	6	50	
EMM2057	●	5.7	14.25	6	50	
EMM2060	●	6	15	6	50	
EMM2060E1	●	6	15	6	75	
EMM2060H	●	6	15	6	100	
EMM2064	●	6.4	16	8	60	
EMM2068	●	6.8	17	8	60	
EMM2070	●	7	17.5	8	60	
EMM2071	●	7.1	17.75	8	60	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM2073	●	7.3	18.25	8	60	
EMM2075	●	7.5	18.75	8	60	
EMM2080	●	8	20	8	60	
EMM2080E1	●	8	20	8	75	
EMM2080H	●	8	20	8	100	
EMM2080M	●	8	20	8	150	
EMM2090	●	9	22.5	10	75	
EMM2100	●	10	25	10	75	
EMM2100H	●	10	25	10	100	
EMM2100M	●	10	25	10	150	
EMM2110	●	11	27.5	12	75	
EMM2120	●	12	30	12	75	
EMM2120H	●	12	30	12	100	
EMM2120M	●	12	30	12	150	
NEW EMM2125D14	●	12.5	31.25	14	100	
EMM2140	●	14	35	16	100	
EMM2160	●	16	48	16	100	
EMM2160M	●	16	48	16	150	
EMM2160R	●	16	48	16	200	
EMM2200	●	20	50	20	100	
EMM2200M	●	20	50	20	150	
EMM2200R	●	20	50	20	200	

EMM 2000系列切削參數

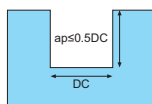
The Cutting Data For EMM 2000 Series

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

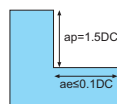
直徑 (mm) Shank	3	4	6	8	10	12	16	20
轉速 n (min)	4800	4800	3100	2300	1900	1600	1200	950
進給速度 Vf (mm/min)	開槽 Slotted							
	135	135	120	120	120	120	135	135
側邊 Side	側邊 Side							
	475	475	325	375	375	275	200	165

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



EMM 2000L1

2 刃 3 倍刃長鎢鋼立銑刀
2 Flutes With Triple Flute Length Carbide End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM2010L103	●	1	3	4	50	
EMM2011L1033	●	1.1	3.3	4	50	
EMM2012L1036	●	1.2	3.6	4	50	
EMM2013L1039	●	1.3	3.9	4	50	
EMM2014L1042	●	1.4	4.2	4	50	
EMM2015L1045	●	1.5	4.5	4	50	
EMM2016L1048	●	1.6	4.8	4	50	
EMM2017L1051	●	1.7	5.1	4	50	
EMM2018L1054	●	1.8	5.4	4	50	
EMM2019L1057	●	1.9	5.7	4	50	
EMM2020L106	●	2	6	4	50	
EMM2020L106D6	●	2	6	6	50	
EMM2021L1063	●	2.1	6.3	4	50	
EMM2022L1066	●	2.2	6.6	4	50	
EMM2023L1069	●	2.3	6.9	4	50	
EMM2024L1072	●	2.4	7.2	4	50	
EMM2025L1075	●	2.5	7.5	4	50	
EMM2026L1078	●	2.6	7.8	4	50	
EMM2027L1081	●	2.7	8.1	4	50	
EMM2028L1084	●	2.8	8.4	4	50	
EMM2029L1087	●	2.9	8.7	4	50	
EMM2030L109	●	3	9	4	50	
EMM2030L109D3	●	3	9	3	50	
EMM2030L109D6	●	3	9	6	50	
EMM2031L1093	●	3.1	9.3	4	50	
EMM2032L1096	●	3.2	9.6	4	50	
EMM2032L1096D6	●	3.2	9.6	6	50	
EMM2033L1099	●	3.3	9.9	4	50	
EMM2034L1102	●	3.4	10.2	4	50	
EMM2035L1105	●	3.5	10.5	4	50	
EMM2036L1108	●	3.6	10.8	4	50	
EMM2037L1111	●	3.7	11.1	4	50	
EMM2038L1114	●	3.8	11.4	4	50	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM2039L1117	●	3.9	11.7	4	50	
EMM2040L112	●	4	12	4	50	
EMM2040L112D6	●	4	12	6	50	
EMM2041L1123	●	4.1	12.3	6	50	
EMM2042L1126	●	4.2	12.6	6	50	
EMM2043L1129	●	4.3	12.9	6	50	
EMM2044L1132	●	4.4	13.2	6	50	
EMM2045L1135	●	4.5	13.5	6	50	
EMM2046L1138	●	4.6	13.8	6	50	
EMM2047L1141	●	4.7	14.1	6	50	
EMM2048L1144	●	4.8	14.4	6	50	
EMM2049L1147	●	4.9	14.7	6	50	
EMM2050L115	●	5	15	6	50	
EMM2051L1153	●	5.1	15.3	6	50	
EMM2052L1156	●	5.2	15.6	6	50	
EMM2053L1159	●	5.3	15.9	6	50	
EMM2054L1162	●	5.4	16.2	6	50	
EMM2055L1165	●	5.5	16.5	6	50	
EMM2056L1168	●	5.6	16.8	6	50	
EMM2057L1171	●	5.7	17.1	6	50	
EMM2058L1174	●	5.8	17.4	6	50	
EMM2059L1177	●	5.9	17.7	6	50	
EMM2060L118	●	6	18	6	50	
EMM2061L1183	●	6.1	18.3	8	60	
EMM2062L1186	●	6.2	18.6	8	60	
EMM2063L1189	●	6.3	18.9	8	60	
EMM2064L1192	●	6.4	19.2	8	60	
EMM2065L1195	●	6.5	19.5	8	60	
EMM2066L1198	●	6.6	19.8	8	60	
EMM2067L1201	●	6.7	20.1	8	60	
EMM2068L1204	●	6.8	20.4	8	60	
EMM2069L1207	●	6.9	20.7	8	60	
EMM2070L121	●	7	21	8	60	
EMM2071L1213	●	7.1	21.3	8	60	
EMM2072L1216	●	7.2	21.6	8	60	
EMM2073L1219	●	7.3	21.9	8	60	
EMM2074L1222	●	7.4	22.2	8	60	
EMM2075L1225	●	7.5	22.5	8	60	
EMM2076L1228	●	7.6	22.8	8	60	
EMM2077L1231	●	7.7	23.1	8	60	
EMM2078L1234	●	7.8	23.4	8	60	
EMM2079L1237	●	7.9	23.7	8	60	

※ 請接下頁。 ※ Continued on next page.



產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM2080L124	●	8	24	8	60	
EMM2080L124H	●	8	24	8	100	
EMM2080L140M	●	8	40	8	150	
EMM2081L1243	●	8.1	24.3	10	75	
EMM2082L1246	●	8.2	24.6	10	75	
EMM2083L1249	●	8.3	24.9	10	75	
EMM2084L1252	●	8.4	25.2	10	75	
EMM2085L1255		8.5	25.5	10	75	
EMM2086L1258	●	8.6	25.8	10	75	
EMM2087L1261	●	8.7	26.1	10	75	
EMM2088L1264	●	8.8	26.4	10	75	
EMM2089L1267	●	8.9	26.7	10	75	
EMM2090L127		9	27	10	75	
EMM2091L1273	●	9.1	27.3	10	75	
EMM2092L1276	●	9.2	27.6	10	75	
EMM2093L1279	●	9.3	27.9	10	75	
EMM2094L1282		9.4	28.2	10	75	
EMM2095L1285	●	9.5	28.5	10	75	
EMM2096L1288	●	9.6	28.8	10	75	
EMM2097L1291	●	9.7	29.1	10	75	
EMM2098L1294	●	9.8	29.4	10	75	
EMM2099L1297	●	9.9	29.7	10	75	
EMM2100L130	●	10	30	10	75	
EMM2101L1303		10.1	30.3	12	75	
EMM2102L1306	●	10.2	30.6	12	75	
EMM2103L1309	●	10.3	30.9	12	75	
EMM2104L1312	●	10.4	31.2	12	75	
EMM2105L1315		10.5	31.5	12	75	
EMM2106L1318	●	10.6	31.8	12	75	
EMM2107L1321	●	10.7	32.1	12	75	
EMM2108L1324	●	10.8	32.4	12	75	
EMM2109L1327	●	10.9	32.7	12	75	
EMM2110L133		11	33	12	75	
EMM2111L1333	●	11.1	33.3	12	75	
EMM2112L1336	●	11.2	33.6	12	75	
EMM2113L1339	●	11.3	33.9	12	75	
EMM2114L1342	●	11.4	34.2	12	75	
EMM2115L1345	●	11.5	34.5	12	75	
EMM2116L1348	●	11.6	34.8	12	75	
EMM2117L1351	●	11.7	35.1	12	75	
EMM2118L1354	●	11.8	35.4	12	75	
EMM2119L1357	●	11.9	35.7	12	75	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM2120L136	●	12	36	12	75	

EMM 2000L1系列切削參數

The Cutting Data For EMM 2000L1 Series

被加工材質 Material

鋼
Steel

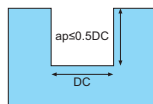
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

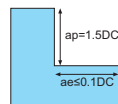
直徑 (mm) Shank		4	6	8	10	12	16	20
轉速 n (min)		4800	3100	2300	1900	1600	1200	950
進給速度 (mm/min) Vf	開槽 Slotted	135	120	120	120	120	135	135
	側邊 Side	475	325	375	375	275	200	165

切削深度 Cutting depth

開槽 Slotted



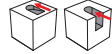
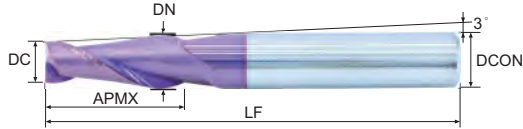
側邊 Side



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

EMM 2000T00

斜度 2 刃鎢鋼立銑刀
2 Flutes Tapered Carbided End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	頸徑 DN	價格 Price
EMM2025T030		2.5	8	4	50	3.34	
EMM2040T030D6	●	4	15	6	50	5.57	
EMM2060T030D8	●	6	18	8	60	7.59	
EMM2060T030D10		6	18	10	75	8.1	
EMM2080T030	●	8	25	8	75	10.62	

EMM 2000T00系列切削參數

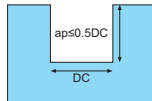
The Cutting Data For EMM 2000T00 Series

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

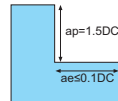
直徑 (mm) Shank	4	6	8	10	12	16
轉速 n (min)	4800	3100	2300	1900	1600	1200
進給速度 Vf (mm/min)	開槽 Slotted	135	120	120	120	120
	側邊 Side	475	325	375	275	275

切削深度 Cutting depth

開槽 Slotted

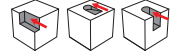


側邊 Side



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

EMM 3000 3 刃鎢鋼立銑刀
3 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM3040	●	4	10	4	50	
EMM3050	●	5	12.5	6	50	
EMM3058	●	5.8	14.5	6	50	
EMM3060	●	6	15	6	50	
EMM3078	●	7.8	19.5	8	60	
EMM3080	●	8	20	8	60	
EMM3100	●	10	25	10	75	
EMM3100L130	●	10	30	10	75	
EMM3120L136	●	12	36	12	75	
EMM3120L157H		12	57	12	100	
EMM3160	●	16	48	16	100	

EMM 3000系列切削參數

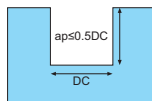
The Cutting Data For EMM 3000 Series

被加工材質 Material **鋼 Steel** **不鏽鋼 Stainless steel** **鑄鐵 Cast Iron**

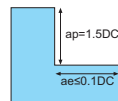
直徑 (mm) Shank	5	5.5	6	8	10
轉速 n (min)	3800	3500	3100	2300	1900
進給速度 Vf (mm/min)					
	開槽 Slotted	180	180	180	180
	側邊 Side	500	500	580	580

切削深度 Cutting depth

開槽 Slotted



側邊 Side



ap : 軸向切削深度 Axial depth of cutting

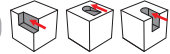
ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

EMM 4000 4 刃鎢鋼立銑刀
4 Flutes Carbide End Mill



 **新規格上市**
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM4010	●	1	2.5	4	50	
EMM4010D6	●	1	2.5	6	50	
EMM4015	●	1.5	3.75	4	50	
EMM4015D6	●	1.5	3.75	6	50	
EMM4020	●	2	5	4	50	
EMM4020D6	●	2	5	6	50	
EMM4025	●	2.5	6.25	4	50	
EMM4025D6	●	2.5	6.25	6	50	
EMM4030	●	3	7.5	4	50	
EMM4030D6	●	3	7.5	6	50	
EMM4030E1	●	3	7.5	4	75	
EMM4035	●	3.5	8.75	4	50	
EMM4035D6	●	3.5	8.75	6	50	
EMM4040	●	4	10	4	50	
EMM4040D6	●	4	10	6	50	
EMM4040E1	●	4	10	4	75	
EMM4040H	●	4	10	4	100	
EMM4045	●	4.5	11.25	6	50	
EMM4050	●	5	12.5	6	50	
EMM4050E1	●	5	12.5	6	75	
EMM4050H	●	5	12.5	6	100	
EMM4055	●	5.5	13.75	6	50	
EMM4060	●	6	15	6	50	
EMM4060E1	●	6	15	6	75	
EMM4060H	●	6	15	6	100	
EMM4060M	●	6	15	6	150	
EMM4065	●	6.5	16.25	8	60	
EMM4070	●	7	17.5	8	60	
EMM4075	●	7.5	18.75	8	60	
EMM4080	●	8	20	8	60	
EMM4080E1	●	8	20	8	75	
EMM4080H	●	8	20	8	100	
EMM4080M	●	8	20	8	150	

NEW

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM4100	●	10	25	10	75	
EMM4100H	●	10	25	10	100	
EMM4100M	●	10	25	10	150	
EMM4120	●	12	30	12	75	
EMM4120H	●	12	30	12	100	
EMM4120M	●	12	30	12	150	
EMM4140	●	14	35	16	100	
EMM4160	●	16	48	16	100	
EMM4160M	●	16	48	16	150	
EMM4160R	●	16	48	16	200	
EMM4180M	●	18	45	20	150	
EMM4200	●	20	50	20	100	
EMM4200M	●	20	50	20	150	
EMM4200R	●	20	50	20	200	

EMM 4000系列切削參數

The Cutting Data For EMM 4000 Series

被加工材質
Material

鋼
Steel

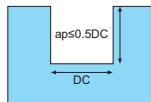
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

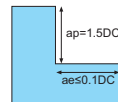
直徑 (mm) Shank		4	6	8	10	12	16	18	20
轉速 n (min)		4800	3100	2300	1900	1600	1200	1240	1060
(mm/min) 進給速度 Vf	開槽 Slotted	200	180	180	180	180	200	225	300
	側邊 Side	700	500	580	580	410	300	450	240

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

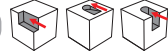
DC : 刃徑 Diameter of cutting

EMM 4000L1

長刃型 4 刃鎢鋼立銑刀
Long Flute 4 Flutes Carbide End Mill



 **新規格上市**
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM4010L103		1	3	4	50	
EMM4015L1045		1.5	4.5	4	50	
EMM4020L106	●	2	6	4	50	
EMM4025L1075	●	2.5	7.5	4	50	
EMM4025L1075D6	●	2.5	7.5	6	50	
EMM4030L109	●	3	9	4	50	
EMM4030L109D6	●	3	9	6	50	
EMM4030L113D6		3	13	6	50	
EMM4032L1064D6		3.2	6.4	6	50	
EMM4040L112	●	4	12	4	50	
EMM4040L114D6		4	14	6	50	
EMM4040L120E1	●	4	20	4	75	
EMM4050L115	●	5	15	6	50	
EMM4050L125E1	●	5	25	6	75	
EMM4060L118	●	6	18	6	50	
EMM4060L125E1	●	6	25	6	75	
EMM4060L130E1	●	6	30	6	75	
EMM4060L130H	●	6	30	6	100	
EMM4080L124	●	8	24	8	60	
EMM4080L130E1	●	8	30	8	75	
EMM4080L135H	●	8	35	8	100	
EMM4080L140M	●	8	40	8	150	
EMM4100L130	●	10	30	10	75	
EMM4100L140H	●	10	40	10	100	
EMM4100L145H	●	10	45	10	100	
EMM4100L150M	●	10	50	10	150	
EMM4100L155H	●	10	55	10	100	
EMM4120L136	●	12	36	12	75	
EMM4120L145H	●	12	45	12	100	
EMM4120L150M	●	12	50	12	150	
EMM4120L155H	●	12	55	12	100	
EMM4130L139D16	●	13	39	16	100	
EMM4140L142	●	14	42	16	100	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMM4140L142D14		14	42	14	100	
EMM4160L170M	●	16	70	16	150	
EMM4200L180M	●	20	80	20	150	

EMM 4000L1 系列切削參數

The Cutting Data For EMM 4000L1 Series

被加工材質
Material

鋼
Steel

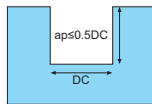
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

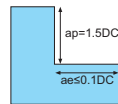
直徑 (mm) Shank		4	6	8	10	12	16	18	20
轉速 n (min)		4800	3100	2300	1900	1600	1200	1240	1060
進給速度 Vf (mm/min)	開槽 Slotted	200	180	180	180	180	200	225	300
	側邊 Side	700	500	580	580	410	300	450	240

切削深度 Cutting depth

開槽 Slotted



側邊 Side



ap : 軸向切削深度 Axial depth of cutting

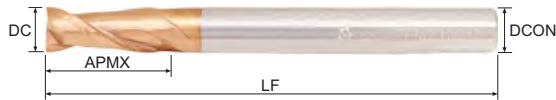
ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting



EPM 2000

2刃3倍刃長鎢鋼立銑刀
2 Flutes With Triple Flute Length Carbide End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EPM2010L103		1	3	4	50	
EPM2020L106		2	6	4	50	
EPM2020L106D6		2	6	6	50	
EPM2030L109		3	9	4	50	
EPM2030L109D6	●	3	9	6	50	
EPM2040	●	4	10	4	50	
EPM2040L112		4	12	4	50	
EPM2040L112D6		4	12	6	50	
EPM2050L115		5	15	6	50	
NEW EPM2060		6	15	6	50	
EPM2060E1	●	6	15	6	75	
EPM2060L118		6	18	6	50	
EPM2070L121		7	21	8	60	
EPM2080L124	●	8	24	8	60	
EPM2080L124H		8	24	8	100	
EPM2090L127		9	27	10	75	
EPM2100L130		10	30	10	75	
EPM2100H	●	10	25	10	100	
EPM2100M	●	10	25	10	150	
EPM2110L133		11	33	12	75	
EPM2120L136		12	36	12	75	
EPM2120L150H	●	12	50	12	100	
EPM2120L150M	●	12	50	12	150	

EPM 2000系列切削參數

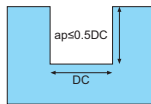
The Cutting Data For EPM 2000 Series

被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

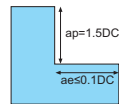
直徑 (mm) Shank		4	6	8	10	12	16	20
轉速 n (min)		4800	3100	2300	1900	1600	1200	950
進給速度 (mm/min) Vf	開槽 Slotted	135	120	120	120	120	135	135
	側邊 Side	475	325	375	375	275	200	165

切削深度 Cutting depth

開槽 Slotted



側邊 Side

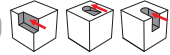


ap : 軸向切削深度 Axial depth of cutting
 ae : 徑向切削深度 Radial depth of cutting
 DC : 刃徑 Diameter of cutting

EPM 3000 3 刃鎢鋼立銑刀
3 Flutes Carbide End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW EPM3040L112E1D6	●	4	12	6	75	
EPM3050	●	5	12.5	6	50	
EPM3050L115		5	15	6	50	
EPM3055L1165		5.5	16.5	6	50	
EPM3060		6	15	6	50	
EPM3070L121	●	7	21	8	60	
EPM3080		8	20	8	60	
EPM3100		10	25	10	75	
EPM3100L130		10	30	10	75	

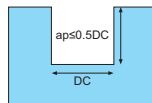
EPM 3000系列切削參數
The Cutting Data For EPM 3000 Series

被加工材質 Material **合金鋼 Alloy Steel** **碳鋼 Carbon Steel**

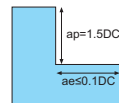
直徑 (mm) Shank	5	5.5	6	8	10
轉速 n (min)	3800	3500	3100	2300	1900
進給速度 Vf (mm/min)	開槽 Slotted	180	180	180	180
	側邊 Side	700	500	600	580

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

EPM4000 series

專用特殊塗層
Special Coating for

合金鋼 Alloy Steel

碳鋼 Carbon Steel

4 刃鎢鋼立銑刀 4 Flutes Carbide End Mills

可側銑 可插槽

Suitable for side milling and slotting

螺旋角35°設計

35° Helix Angle Design

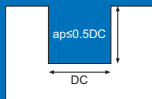
全新P500高耐磨、高韌性材質

New P500 Material With High Wear Resistance And Toughness.

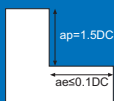


切削深度
Cutting depth

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

可加工高硬度HRC55°~60°，獨特刃體結構設計，降低加工震動

提升刀具使用壽命，加強排屑效率，全新材質抗震性佳，耐震高、抗磨損

Capable of machining high hardness HRC 55° to 60°, unique cutting edge structure reduces machining vibration, enhances tool life and improves chip evacuation efficiency, excellent vibration resistance, high durability, and wear resistance with the new material.

EPM 4000系列切削參數

The Cutting Data For EPM 4000 Series

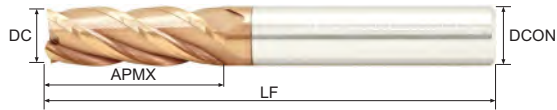
被加工材質
Material

合金鋼
Alloy Steel

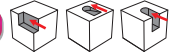
碳鋼
Carbon Steel

直徑 (mm) Shank		4	6	8	10	12	16
轉速 n (min)		4800	3100	2300	1900	1600	1200
進給速度 Vf (mm/min)	開槽 Slotted	270	240	240	240	240	270
	側邊 Side	950	650	750	750	550	400

EPM 4000 4 刃鎢鋼立銑刀
4 Flutes Carbide End Mill



新品上市
New Arrival



	產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW	EPM4010		2.5	2.5	4	50	
NEW	EPM4010L103	●	3	3	4	50	
NEW	EPM4015	●	1.5	3.75	4	50	
NEW	EPM4015L104		1.5	4	4	50	
NEW	EPM4020		5	5	4	50	
NEW	EPM4020L106		2	6	4	50	
NEW	EPM4030		7.5	7.5	4	50	
NEW	EPM4040		10	10	4	50	
NEW	EPM4040L112		4	12	4	50	
NEW	EPM4050		12.5	12.5	6	50	
NEW	EPM4060		15	15	6	60	
NEW	EPM4060L118		6	18	6	50	
NEW	EPM4060E1		6	15	6	75	
NEW	EPM4080		20	20	8	60	
NEW	EPM4100		25	25	10	75	
NEW	EPM4100L130	●	30	30	10	75	
NEW	EPM4120		30	30	12	75	
NEW	EPM4160		48	48	16	100	

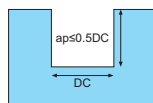
EPM 4000系列切削參數
The Cutting Data For EPM 4000 Series

被加工材質 Material **合金鋼 Alloy Steel** **碳鋼 Carbon Steel**

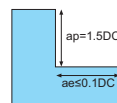
直徑 (mm) Shank	4	6	8	10	12	16
轉速 n (min)	4800	3100	2300	1900	1600	1200
(m/min) 進給速度 Vf	開槽 Slotted	270	240	240	240	270
	側邊 Side	950	650	750	750	400

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

GMM 3000 series 3 Flute Carbide End Mill

3 刃鎢鋼立銑刀

可側銑、可插槽
Slotted, Side

採用螺旋角45°設計，全新鎢鋼刀體
獨特刃體結構設計，有效抑制加工震動
提升銑刀加工壽命，加強排屑效率
採用超細粒子硬質合金AlTiN塗層
增加刀具耐磨耗性，可加工硬度HRC50°~55°

Helix angle 45° design, new product launches, special flute structure design, with vibration reduction during processing, high effectiveness chip removal and with longer life for tools, ultra-fine particle cemented carbide AlTiN coating increases tool wearability, high ductility material HRC 50°~55°.

適用材質
Processing on

鋼
Steel

不鏽鋼
Stainless Steel

鑄鐵
Cast Iron



GMM 3000系列切削參數

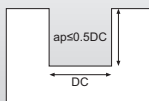
The Cutting Data For GMM 3000 Series

直徑 (mm) Shank		4	6	8	10	12
轉速 n (min)		4700	3100	2300	1900	1500
進給速度 Vf (mm/min)	開槽 Slotted	280	180	180	180	135
	側邊 Side	1100	600	580	580	450

切削深度 Cutting depth

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

開槽 Slotted



側邊 Side



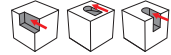
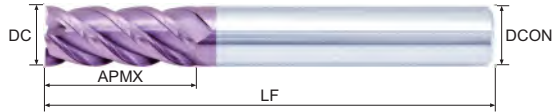
GMM 3000 3刃鎢鋼立銑刀 3 Flutes Carbide End Mill



	產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW	GMM3030	●	3	7.5	4	50	
NEW	GMM3040	●	4	10	4	50	
NEW	GMM3050	●	5	12.5	6	50	
NEW	GMM3060	●	6	15	6	50	
NEW	GMM3080	●	8	20	8	60	
NEW	GMM3100	●	10	25	10	75	
NEW	GMM3120	●	12	30	12	75	



GMM 4000 4 刃鎢鋼立銑刀
4 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
GMM4010	●	1	2.5	4	50	
GMM4010L103	●	1	3	4	50	
GMM4015	●	1.5	3.75	4	50	
GMM4015L103	●	1.5	3	4	50	
GMM4015L104	●	1.5	4	4	50	
GMM4020	●	2	5	4	50	
GMM4020L106	●	2	6	4	50	
GMM4025	●	2.5	6.25	4	50	
GMM4025L106	●	2.5	6	4	50	
GMM4025L107	●	2.5	7	4	50	
GMM4025L1075	●	2.5	7.5	4	50	
GMM4030	●	3	7.5	4	50	
GMM4030L108	●	3	8	4	50	
GMM4030L109	●	3	9	4	50	
GMM4030L112D6	●	3	12	6	50	
GMM4035	●	3.5	8.75	4	50	
GMM4035L1105	●	3.5	10.5	4	50	
GMM4040	●	4	10	4	50	
GMM4040L112	●	4	12	4	50	
GMM4045	●	4.5	11.25	6	50	
GMM4050	●	5	12.5	6	50	
GMM4050L115	●	5	15	6	50	
GMM4055	●	5.5	13.75	6	50	
GMM4060	●	6	15	6	50	
GMM4065	●	6.5	16.25	8	60	
GMM4070	●	7	17.5	8	60	
GMM4075	●	7.5	18.75	8	60	
GMM4080	●	8	20	8	60	
GMM4085	●	8.5	21.25	10	75	
GMM4090	●	9	22.5	10	75	
GMM4095	●	9.5	23.75	10	75	
GMM4100	●	10	25	10	75	
GMM4105	●	10.5	26.25	12	75	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
GMM4110	●	11	27.5	12	75	
GMM4115	●	11.5	28.75	12	75	
GMM4120	●	12	30	12	75	
GMM4130	●	13	32.5	16	100	
GMM4140	●	14	35	16	100	
GMM4150	●	15	37.5	16	100	
GMM4160	●	16	48	16	100	
GMM4170	●	17	42.5	20	100	
GMM4180	●	18	45	20	100	
GMM4190	●	19	47.5	20	100	
GMM4200	●	20	50	20	100	
GMM4220	●	22	55	25	100	
GMM4250	●	25	62.5	25	100	

GMM 4000系列切削參數

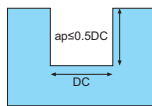
The Cutting Data For GMM 4000 Series

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

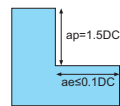
直徑 (mm) Shank		4	6	8	10	12	16	20	25
轉速 n (min)		4800	3100	2300	1900	1600	1200	1060	800
進給速度 (mm/min) Vf	開槽 Slotted	270	240	240	240	240	270	250	230
	側邊 Side	950	650	750	750	550	400	400	320

切削深度 Cutting depth

開槽 Slotted



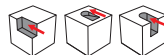
側邊 Side



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



產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
GMM6040	●	4	10	4	50	
GMM6045	●	4.5	11.25	6	50	
GMM6050	●	5	12.5	6	50	
GMM6060	●	6	15	6	50	
GMM6060L118	●	6	18	6	50	
GMM6080	●	8	20	8	60	
GMM6100	●	10	25	10	75	
GMM6100L130	●	10	30	10	75	
GMM6120	●	12	30	12	75	
GMM6160	●	16	48	16	100	
GMM6200	●	20	50	20	100	
GMM6250	●	25	62.5	25	100	

GMM 6000系列切削參數

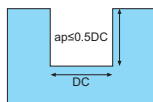
The Cutting Data For GMM 6000 Series

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

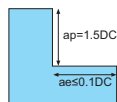
直徑 (mm) Shank	4	6	8	10	12	16	20	25
轉速 n (min)	4800	3100	2300	1900	1600	1200	1060	800
進給速度 Vf (mm/min)	開槽 Slotted	405	300	360	360	360	405	350
	側邊 Side	1450	1000	1150	1150	850	600	480

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 : 刃徑 Diameter of cutting

6刃鎢鋼端銑刀 6 Flutes Tungsten Carbide End Mill



螺旋角45°設計
Helix Angle Design 45°

新品上市
New Arrival

GPM6000 series 高精度加工專用刀 Designed for High Precision Machining

全新鎢鋼刃體結構設計，高穩定性可有效，降低加工震動
提升刀具使用壽命，有效控制排屑效率穩定，適用於側銑及插槽

With a new tungsten carbide blade structure, excellent vibration resistance effectively reduces machining vibrations, extends tool life and reduces chipping from tool vibrations, new silicon-titanium coating with high wear resistance and toughness.

Capable of machining high hardness HRC 55°~60°, provides excellent machining surfaces and stable chip evacuation efficiency.



適用加工特殊材質
Special Coating for

合金鋼 Alloy Steel

碳鋼 Carbon Steel



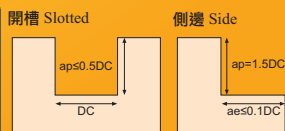
產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW GPM6040		4	10	4	50	
NEW GPM6045		4.5	11.25	6	50	
NEW GPM6050		5	12.5	6	50	
NEW GPM6060	●	6	15	6	50	
NEW GPM6060L118		6	18	6	50	
NEW GPM6080		8	20	8	60	
NEW GPM6100	●	10	25	10	75	
NEW GPM6100L130		10	30	10	75	
NEW GPM6120		12	30	12	75	
NEW GPM6160		16	48	16	100	
NEW GPM6200		20	50	20	100	
NEW GPM6250		25	62.5	25	100	

GPM 6000系列切削參數

The Cutting Data For GMM 6000 Series

直徑 (mm) Shank	4	6	8	10	12	16	20	25
轉速 n (min)	4800	3100	2300	1900	1600	1200	1060	800
(mm/min) 進給速度 Vf	開槽 Slotted							
	405	300	360	360	360	405	405	350
側邊 Side								480

切削深度 Cutting depth



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



MU-EMM 4000 圓溝 4 刃鎢鋼立銑刀
4 Flutes Rounded Land Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU-EMM4030	●	3	7.5	4	50	
MU-EMM4030D6	●	3	7.5	6	50	
MU-EMM4030L109D6	●	3	9	6	50	
MU-EMM4040	●	4	10	4	50	
MU-EMM4040D6	●	4	10	6	50	
MU-EMM4040L112	●	4	12	4	50	
MU-EMM4040L112D6	●	4	12	6	50	
MU-EMM4050	●	5	12.5	6	50	
MU-EMM4050L115	●	5	15	6	50	
MU-EMM4060	●	6	15	6	50	
MU-EMM4060L118	●	6	18	6	50	
MU-EMM4060E1	●	6	15	6	75	
MU-EMM4070	●	7	17.5	8	60	
MU-EMM4070L121	●	7	21	8	60	
MU-EMM4080	●	8	20	8	60	
MU-EMM4080L124	●	8	24	8	60	
MU-EMM4090	●	9	22.5	10	75	
MU-EMM4090L127	●	9	27	10	75	
MU-EMM4100	●	10	25	10	75	
MU-EMM4100L130	●	10	30	10	75	
MU-EMM4110H	●	11	27.5	12	75	
MU-EMM4120	●	12	30	12	75	
MU-EMM4120L136	●	12	36	12	75	
MU-EMM4140	●	14	35	16	100	
MU-EMM4160	●	16	48	16	100	
MU-EMM4160L160M	●	16	60	16	150	
MU-EMM4200	●	20	50	20	100	

NEW

MU-EMM 4000系列切削參數

The Cutting Data For MU-EMM 4000 Series

被加工材質
Material

鋼

Steel

不鏽鋼

Stainless steel

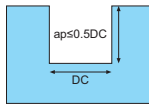
鑄鐵

Cast Iron

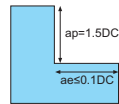
直徑 (mm) Shank		4	6	8	10	12	16	20
轉速 n (min)		4800	3100	2300	1900	1600	1200	1060
進給速度 (mm/min) Vf	開槽 Slotted	270	240	240	240	240	270	250
	側邊 Side	950	650	750	750	550	400	400

切削深度 Cutting depth

開槽 Slotted



側邊 Side



ap : 軸向切削深度 Axial depth of cutting

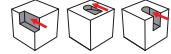
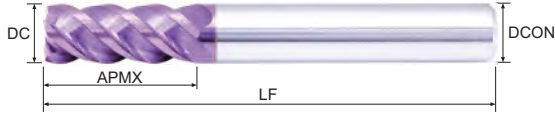
ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting



MU-GMM 4000

圓溝 4 刃鎢鋼立銑刀
4 Flutes Rounded Land Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU-GMM4010	●	1	2.5	4	50	
MU-GMM4015	●	1.5	3.75	4	50	
MU-GMM4020	●	2	5	4	50	
MU-GMM4030	●	3	7.5	4	50	
MU-GMM4030L109	●	3	9	4	50	
MU-GMM4030D6	●	3	7.5	6	50	
MU-GMM4031L1093	●	3.1	9.3	4	50	
MU-GMM4032L1096	●	3.2	9.6	4	50	
MU-GMM4033L1099	●	3.3	9.9	4	50	
MU-GMM4034L1102	●	3.4	10.2	4	50	
MU-GMM4035	●	3.5	8.75	4	50	
MU-GMM4035D6	●	3.5	8.75	6	50	
MU-GMM4035L1105	●	3.5	10.5	4	50	
MU-GMM4036L1108	●	3.6	10.8	4	50	
MU-GMM4037L1111	●	3.7	11.1	4	50	
MU-GMM4038L1114	●	3.8	11.4	4	50	
MU-GMM4039L1117	●	3.9	11.7	4	50	
MU-GMM4040	●	4	10	4	50	
MU-GMM4040D6	●	4	10	6	50	
MU-GMM4040L112	●	4	12	4	50	
MU-GMM4040L112D6	●	4	12	6	50	
MU-GMM4040E1	●	4	12.5	4	75	
MU-GMM4041L1123	●	4.1	12.3	6	50	
MU-GMM4042L1126	●	4.2	12.6	6	50	
MU-GMM4043L1129	●	4.3	12.9	6	50	
MU-GMM4044L1132	●	4.4	13.2	6	50	
MU-GMM4045L1135	●	4.5	13.5	6	50	
MU-GMM4046L1138	●	4.6	13.8	6	50	
MU-GMM4047L1141	●	4.7	14.1	6	50	
MU-GMM4048L1144	●	4.8	14.4	6	50	
MU-GMM4049L1147	●	4.9	14.7	6	50	
MU-GMM4050	●	5	12.5	6	50	
MU-GMM4050L115	●	5	15	6	50	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU-GMM4050E1	●	5	12.5	6	75	
MU-GMM4050H	●	5	12.5	6	100	
MU-GMM4050L120H	●	5	20	6	100	
MU-GMM4051L1153	●	5.1	15.3	6	50	
MU-GMM4052L1156	●	5.2	15.6	6	50	
MU-GMM4053L1159	●	5.3	15.9	6	50	
MU-GMM4054L1162	●	5.4	16.2	6	50	
MU-GMM4055	●	5.5	13.75	6	50	
MU-GMM4055L1165	●	5.5	16.5	6	50	
MU-GMM4056L1168	●	5.6	16.8	6	50	
MU-GMM4057L1171	●	5.7	17.1	6	50	
MU-GMM4058L1174	●	5.8	17.4	6	50	
MU-GMM4059L1177	●	5.9	17.7	6	50	
MU-GMM4060	●	6	15	6	50	
MU-GMM4060L118	●	6	18	6	50	
MU-GMM4060D	●	6	15	6	60	
MU-GMM4060E1	●	6	15	6	75	
MU-GMM4060H	●	6	15	6	100	
MU-GMM4061L1183	●	6.1	18.3	8	60	
MU-GMM4062L1186	●	6.2	18.6	8	60	
MU-GMM4063L1189	●	6.3	18.9	8	60	
MU-GMM4064L1191	●	6.4	19.1	8	60	
MU-GMM4064L1192	●	6.4	19.2	8	60	
MU-GMM4065	●	6.5	16.25	8	60	
MU-GMM4065L1195	●	6.5	19.5	8	60	
MU-GMM4066L1198	●	6.6	19.8	8	60	
MU-GMM4067L1201	●	6.7	20.1	8	60	
MU-GMM4068L1204	●	6.8	20.4	8	60	
MU-GMM4069L1207	●	6.9	20.7	8	60	
MU-GMM4070	●	7	17.5	8	60	
MU-GMM4070L121	●	7	21.0	8	60	
MU-GMM4071L1213	●	7.1	21.3	8	60	
MU-GMM4072L1216	●	7.2	21.6	8	60	
MU-GMM4073L1219	●	7.3	21.9	8	60	
MU-GMM4074L1222	●	7.4	22.2	8	60	
MU-GMM4075	●	7.5	18.75	8	60	
MU-GMM4075L1225	●	7.5	22.5	8	60	
MU-GMM4076L1228	●	7.6	22.8	8	60	
MU-GMM4077L1231	●	7.7	23.1	8	60	
MU-GMM4078L1234	●	7.8	23.4	8	60	
MU-GMM4079L1237	●	7.9	23.7	8	60	
MU-GMM4080	●	8	20	8	60	

※ 請接下頁。 ※ Continued on next page.



產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU-GMM4080L124	●	8	24	8	60	
MU-GMM4080E1	●	8	20	8	75	
MU-GMM4080H	●	8	20	8	100	
MU-GMM4080M	●	8	20	8	150	
MU-GMM4081L1243	●	8.1	24.3	10	75	
MU-GMM4082L1246	●	8.2	24.6	10	75	
MU-GMM4083L1249	●	8.3	24.9	10	75	
MU-GMM4084L1252	●	8.4	25.2	10	75	
MU-GMM4085L1255	●	8.5	25.5	10	75	
MU-GMM4086L1258	●	8.6	25.8	10	75	
MU-GMM4087L1261	●	8.7	26.1	10	75	
MU-GMM4088L1264	●	8.8	26.4	10	75	
MU-GMM4089L1267	●	8.9	26.7	10	75	
MU-GMM4090	●	9	22.5	10	75	
MU-GMM4090L127	●	9	27	10	75	
MU-GMM4091L1273	●	9.1	27.3	10	75	
MU-GMM4092L1276	●	9.2	27.6	10	75	
MU-GMM4093L1279	●	9.3	27.9	10	75	
MU-GMM4094L130	●	9.4	30	10	75	
MU-GMM4094L1282	●	9.4	28.2	10	75	
MU-GMM4095L1285	●	9.5	28.5	10	75	
MU-GMM4096L1288	●	9.6	28.8	10	75	
MU-GMM4097L1291	●	9.7	29.1	10	75	
MU-GMM4098L1294	●	9.8	29.4	10	75	
MU-GMM4099L1297	●	9.9	29.7	10	75	
MU-GMM4100	●	10	25	10	75	
MU-GMM4100L130	●	10	30	10	75	
MU-GMM4100H	●	10	25	10	100	
MU-GMM4100L130H	●	10	30	10	100	
MU-GMM4100M	●	10	25	10	150	
MU-GMM4110	●	11	27.5	12	75	
MU-GMM4120	●	12	30	12	75	
MU-GMM4120L136	●	12	36	12	75	
MU-GMM4120H	●	12	30	12	100	
MU-GMM4120L155H	●	12	55	12	100	
MU-GMM4120M	●	12	30	12	150	
MU-GMM4120L155M	●	12	55	12	150	
MU-GMM4140	●	14	35	16	100	
MU-GMM4142		14.2	35.5	16	100	
MU-GMM4160	●	16	48	16	100	
MU-GMM4160M	●	16	48	16	150	
MU-GMM4180	●	18	45	20	100	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	切刀長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU-GMM4200	●	20	50	20	100	

MU-GMM 4000系列切削參數

The Cutting Data For MU-GMM 4000 Series

被加工材質
Material

銅
Steel

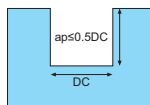
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

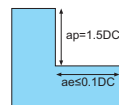
直徑 (mm) Shank		4	6	8	10	12	16	20
轉速 n (min)		4800	3100	2300	1900	1600	1200	1060
進給速度 Vf (mm/min)	開槽 Slotted	270	240	240	240	240	270	250
	側邊 Side	950	650	750	750	550	400	400

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

MU-GPM4000 series

4 刃圓溝鎢鋼端銑刀

4 Flute Rounded Land Carbide End Mills



全新鈦鈹塗層，高耐磨、高韌性材質，加工高硬度可達HRC55°~60°

New silicon-titanium coating with high wear resistance and toughness, capable of machining high hardness HRC 55°~60°.

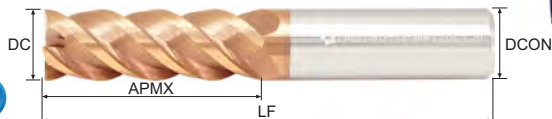
擁有優良加工表面，有效控制排屑效率穩定，抗震性佳，可有效降低加工震動、提升刀具使用壽命，減少刀具震動的崩損，採用螺旋角45°設計，採用國際公差標準h5，公差範圍控制在μ級精度，大幅提高了耐震性和耐崩損性，通過減少切削阻力，實現了高速高進給加工。

Provides excellent machining surfaces and stable chip evacuation efficiency, excellent vibration resistance effectively reduces machining vibrations, extends tool life and reduces chipping from tool vibrations, conforms to international tolerance standard h5, with tolerance controlled to micron-level accuracy, significantly enhance vibration and chipping resistance, achieves high-speed and high-feed machining by reducing cutting resistance.

專用特殊塗層
Special Coating for

合金鋼 Alloy Steel

碳鋼 Carbon Steel



新品上市
New Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU-GPM4040		4	10	4	50	
MU-GPM4050		5	12.5	6	50	
MU-GPM4060		6	15	6	50	
MU-GPM4060L118	●	6	18	6	50	
MU-GPM4080		8	20	8	60	
MU-GPM4090		9	22.5	10	75	
MU-GPM4100	●	10	25	10	75	
MU-GPM4100L130	●	10	30	10	75	
MU-GPM4120		12	30	12	75	
MU-GPM4120L136	●	12	36	12	75	
MU-GPM4160		16	48	16	100	

MU-GPM 4000系列切削參數

The Cutting Data For MU-GPM 4000 Series

被加工材質
Material

合金鋼 Alloy Steel

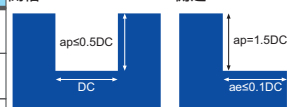
碳鋼 Carbon Steel

直徑 (mm) Shank	4	5	6	8	10	12	16
轉速 n (min)	4800	3100	3100	2300	1900	1600	1200
進給速度 Vf (mm/min)							
開槽 Slotted	270	240	240	240	240	240	270
側邊 Side	950	650	650	750	750	550	400

切削深度 Cutting depth

開槽 Slotted

側邊 Side



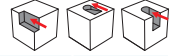
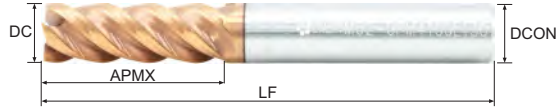
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

MU2-GPM 4000

4 刃圓溝雙階銼鋼立銼刀
4 Flutes Rounded Land Double Edge Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU2-GPM4040	●	4	10	4	50	
MU2-GPM4040L112D6	●	4	12	6	50	
MU2-GPM4050	●	5	12.5	6	50	
MU2-GPM4050L115	●	5	15	6	50	
MU2-GPM4060	●	6	15	6	50	
MU2-GPM4060L118	●	6	18	6	50	
MU2-GPM4070L121	●	7	21	8	60	
MU2-GPM4080	●	8	20	8	60	
MU2-GPM4080L124	●	8	24	8	60	
MU2-GPM4100	●	10	25	10	75	
MU2-GPM4100L130	●	10	30	10	75	
MU2-GPM4120	●	12	30	12	75	
MU2-GPM4120L136	●	12	36	12	75	
MU2-GPM4160	●	16	48	16	100	
MU2-GPM4200	●	20	50	20	100	

MU2-GPM 4000系列切削參數

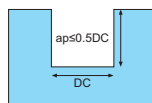
The Cutting Data For MU2-GPM 4000 Series

被加工材質 Material
合金鋼 Alloy Steel 碳鋼 Carbon Steel

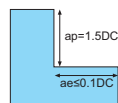
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
進給速度 Vf (mm/min)	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	400

切削深度 Cutting depth

開槽 Slotted



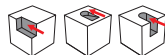
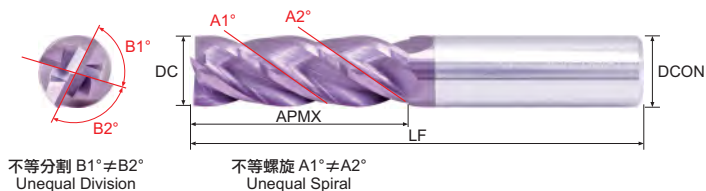
側邊 Side



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

MUH-FMM 4000

圓溝不等分割不等螺旋 4 刃鎢鋼立銑刀
 Round land Unequal Spiral Unequal Division
 4 Flutes Carbide End Mill



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

MUH-FMM 4000系列切削參數

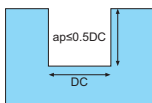
The Cutting Data For MUH-FMM 4000 Series

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

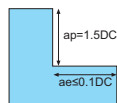
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
進給速度 Vf (mm/min)	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	400

切削深度 Cutting depth

開槽 Slotted



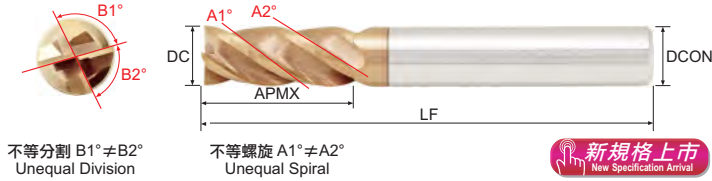
側邊 Side



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

MUH-FPM 4000

圓溝不等分割不等螺旋圓溝 4 刃鎢鋼立銑刀
Round Land Unequal Spiral & Unequal Division
4 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW MUH-FPM4020L106	●	2	6	4	50	
MUH-FPM4025	●	2.5	6.25	4	50	
MUH-FPM4030L109	●	3	9	4	50	
MUH-FPM4040L112	●	4	12	4	50	
MUH-FPM4050L115	●	5	15	6	50	
MUH-FPM4060	●	6	15	6	50	
MUH-FPM4060L118	●	6	18	6	50	
MUH-FPM4080	●	8	20	8	60	
MUH-FPM4080L124	●	8	24	8	60	
MUH-FPM4100	●	10	25	10	75	
MUH-FPM4100L130	●	10	30	10	75	
MUH-FPM4120	●	12	30	12	75	
MUH-FPM4120L136	●	12	36	12	75	
MUH-FPM4120L145H	●	12	45	12	100	
MUH-FPM4160	●	16	48	16	100	
MUH-FPM4160L140	●	16	40	16	100	
MUH-FPM4200	●	20	50	20	100	

MUH-FPM 4000系列切削參數

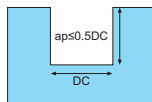
The Cutting Data For MUH-FPM 4000 Series

被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

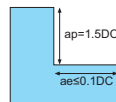
直徑 (mm) Shank	6	8	10	12	16	20
轉速 n (min)	4000	2900	2400	1900	1500	1200
(mm/min) 進給速度 Vf	開槽 Slotted	420	420	420	420	420
	側邊 Side	800	950	750	500	400

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

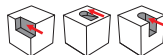


MUH-GMM 4000

圓溝不等分4刃鎢鋼立銼刀
4 Flutes Unequal Division Round Land
Carbide End Mill



不等分圓溝 B1°≠B2°
Unequal Division



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MUH-GMM4030	●	3	7.5	4	50	
MUH-GMM4040	●	4	10	4	50	
MUH-GMM4040L112	●	4	12	4	50	
MUH-GMM4050	●	5	12.5	6	50	
MUH-GMM4060	●	6	15	6	50	
MUH-GMM4070	●	7	17.5	8	60	
MUH-GMM4080	●	8	20	8	60	
MUH-GMM4080L124	●	8	24	8	60	
MUH-GMM4100	●	10	25	10	75	
MUH-GMM4100L130	●	10	30	10	75	
MUH-GMM4100H	●	10	25	10	100	
MUH-GMM4120	●	12	30	12	75	
MUH-GMM4120L136	●	12	36	12	75	
MUH-GMM4160	●	16	48	16	100	
MUH-GMM4200	●	20	50	20	100	

MUH-GMM 4000系列切削參數

The Cutting Data For MUH-GMM 4000 Series

被加工材質
Material

鋼
Steel

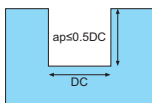
不銹鋼
Stainless steel

鑄鐵
Cast Iron

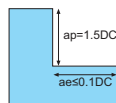
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
進給速度 Vf (mm/min)	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	400

切削深度 Cutting depth

開槽 Slotted



側邊 Side



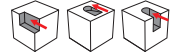
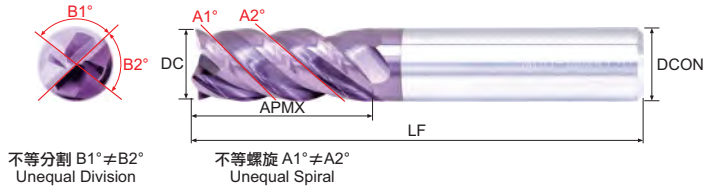
ap: 軸向切削深度 Axial depth of cutting

ae: 徑向切削深度 Radial depth of cutting

DC: 刃徑 Diameter of cutting

MUH-IMM 4000

圓溝不等分割不等螺旋 4 刃鎢鋼立銑刀
Rounded Unequal Spiral & Unequal Division
4 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MUH-IMM4030L109	●	3	9	4	50	
MUH-IMM4035L109	●	3.5	9	4	50	
MUH-IMM4040	●	4	10	4	50	
MUH-IMM4040L112	●	4	12	4	50	
MUH-IMM4040L112D6	●	4	12	6	50	
MUH-IMM4050	●	5	12.5	6	50	
MUH-IMM4050L112	●	5	12	6	50	
MUH-IMM4050L115	●	5	15	6	50	
MUH-IMM4055L113	●	5.5	13	6	50	
MUH-IMM4060	●	6	15	6	50	
MUH-IMM4060L118	●	6	18	6	50	
MUH-IMM4070	●	7	17.5	8	60	
MUH-IMM4070L121	●	7	21	8	60	
MUH-IMM4070L130E1	●	7	30	8	75	
MUH-IMM4073L1219	●	7.3	21.9	8	60	
MUH-IMM4075	●	7.5	18.75	8	60	
MUH-IMM4080	●	8	20	8	60	
MUH-IMM4080L124	●	8	24	8	60	
MUH-IMM4085L1255	●	8.5	25.5	10	75	
MUH-IMM4090	●	9	22.5	10	75	
MUH-IMM4095	●	9.5	23.75	10	75	
MUH-IMM4100	●	10	25	10	75	
MUH-IMM4100L130	●	10	30	10	75	
MUH-IMM4120	●	12	30	12	75	
MUH-IMM4120L136	●	12	36	12	75	
MUH-IMM4120L138	●	12	38	12	75	
MUH-IMM4120L140	●	12	40	12	75	
MUH-IMM4120H	●	12	30	12	100	
MUH-IMM4120L142H	●	12	42	12	100	
MUH-IMM4120L145H	●	12	45	12	100	
MUH-IMM4120L153H	●	12	53	12	100	
MUH-IMM4120L155H	●	12	55	12	100	
MUH-IMM4140	●	14	35	16	100	

※ 請接下頁。 ※ Continued on next page.



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MUH-IMM4150	●	15	37.5	16	100	
MUH-IMM4160L122E1	●	16	22	16	75	
MUH-IMM4160	●	16	48	16	100	
MUH-IMM4160L140	●	16	40	16	100	
MUH-IMM4160L155	●	16	55	16	100	
MUH-IMM4180	●	18	45	20	100	
MUH-IMM4190	●	19	47.5	20	100	
MUH-IMM4200	●	20	50	20	100	
MUH-IMM4200L160M	●	20	60	20	150	
MUH-IMM4200L170M	●	20	70	20	150	
MUH-IMM4200L175M	●	20	75	20	150	
MUH-IMM4200L1130R	●	20	130	20	200	

MUH-IMM 4000系列切削參數

The Cutting Data For MUH-IMM 4000 Series

被加工材質
Material

鋼
Steel

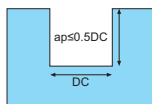
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

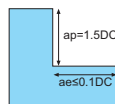
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
進給速度 Vf (mm/min)	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	400

切削深度 Cutting depth

開槽 Slotted



側邊 Side

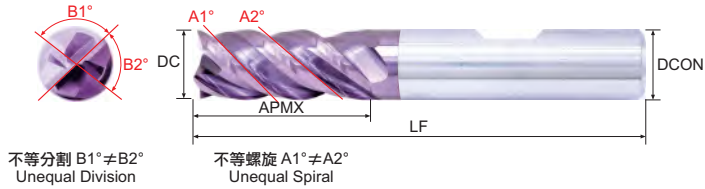


ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

MUH-IMM 4000-DIN 圓溝不等分割不等螺旋 4 刃鎢鋼立銑刀－歐洲規格 Rounded Unequal Spiral & Unequal Division 4 Flutes Carbide End Mill-DIN



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MUH-IMM4040-DIN		4	10	4	50	
MUH-IMM4040D6-DIN	●	4	10	6	50	
MUH-IMM4060-DIN	●	6	15	6	50	
MUH-IMM4080-DIN	●	8	20	8	60	
MUH-IMM4100-DIN	●	10	25	10	75	
MUH-IMM4120-DIN	●	12	30	12	75	
MUH-IMM4160-DIN	●	16	48	16	100	
MUH-IMM4200-DIN	●	20	50	20	100	

MUH-IMM 4000-DIN系列切削參數 The Cutting Data For MUH-IMM 4000-DIN Series

被加工材質 Material

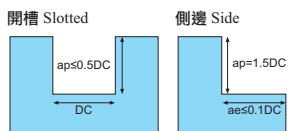
鋼 Steel

不鏽鋼 Stainless steel

鑄鐵 Cast Iron

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 Vf (mm/min)	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	400

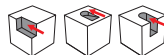
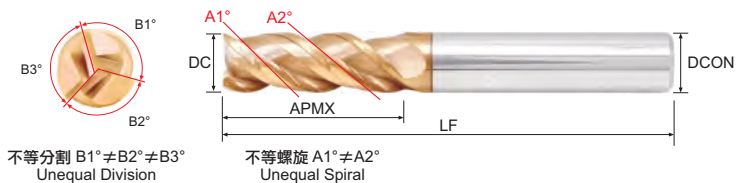
切削深度 Cutting depth



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

MUH-IPM 3000L1

圓溝不等分割不等螺旋3刃抗震鎢鋼立銑刀
Round Land Unequal Spiral & Unequal Division
Seismic Performance 3 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MUH-IPM3040L112	●	4	12	4	50	
MUH-IPM3040L112D6	●	4	12	6	50	
MUH-IPM3050L115	●	5	15	6	50	
MUH-IPM3060L118	●	6	18	6	50	
MUH-IPM3080L124	●	8	24	8	60	
MUH-IPM3100L130	●	10	30	10	75	
MUH-IPM3120L136		12	36	12	75	
MUH-IPM3160L148		16	48	16	100	

MUH-IPM 3000L1 系列切削參數

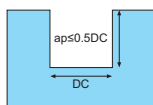
The Cutting Data For MUH-IPM 3000L1 Series

被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

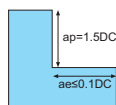
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
進給速度 Vf (mm/min)	開槽 Slotted	360	360	300	300	280	230
	側邊 Side	540	480	480	480	400	400

切削深度 Cutting depth

開槽 Slotted



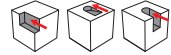
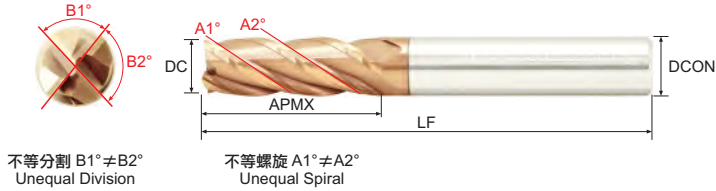
側邊 Side



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

MUH-IPM 4000

圓溝不等分割不等螺旋 4 刃抗震鎢鈾立銑刀
Round Land Unequal Spiral & Unequal Division
Seismic Performance 4 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MUH-IPM4030D6	●	3	7.5	6	50	
MUH-IPM4040	●	4	10	4	50	
MUH-IPM4040D6	●	4	10	6	50	
MUH-IPM4040L112D6	●	4	12	6	50	
MUH-IPM4050	●	5	12.5	6	50	
MUH-IPM4050L115	●	5	15	6	50	
MUH-IPM4060	●	6	15	6	50	
MUH-IPM4060L118	●	6	18	6	50	
MUH-IPM4070	●	7	17.5	8	60	
MUH-IPM4070L121	●	7	21	8	60	
MUH-IPM4080	●	8	20	8	60	
MUH-IPM4080L124	●	8	24	8	60	
MUH-IPM4086	●	8.6	21.5	10	75	
MUH-IPM4090	●	9	22.5	10	75	
MUH-IPM4100	●	10	25	10	75	
MUH-IPM4100L130	●	10	30	10	75	
MUH-IPM4100L135	●	10	35	10	75	
MUH-IPM4120	●	12	30	12	75	
MUH-IPM4120L136	●	12	36	12	75	
MUH-IPM4120L155H	●	12	55	12	100	
MUH-IPM4160	●	16	48	16	100	
MUH-IPM4160L170M	●	16	70	16	150	
MUH-IPM4200	●	20	50	20	100	
MUH-IPM4200L160M	●	20	60	20	150	
MUH-IPM4200L170M	●	20	70	20	150	
MUH-IPM4200L180M	●	20	80	20	150	



MUH-IPM 4000系列切削參數

The Cutting Data For MUH-IPM 4000 Series

被加工材質
Material

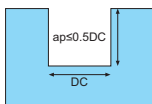
合金鋼
Alloy Steel

碳鋼
Carbon Steel

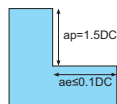
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
進給速度 (mm/min) Vf	開槽 Slotted	480	350	350	300	300	300
	側邊 Side	720	640	580	580	580	400

切削深度 Cutting depth

開槽 Slotted



側邊 Side



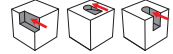
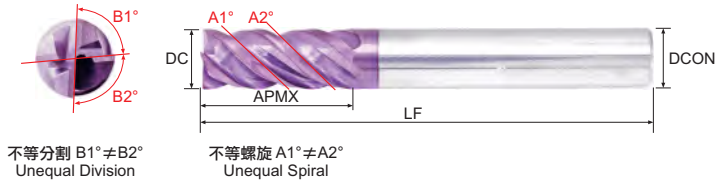
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

MUH-IGM 4000

圓溝不等分割不等螺旋 4 刃鎢鋼立銑刀
Round land Unequal Spiral Unequal Division
4 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MUH-IGM4040	●	4	10	4	50	
MUH-IGM4040L112	●	4	12	4	50	
MUH-IGM4050	●	5	12.5	6	50	
MUH-IGM4060	●	6	15	6	50	
MUH-IGM4060L118		6	18	6	50	
MUH-IGM4080	●	8	20	8	60	
MUH-IGM4080L124	●	8	24	8	60	
MUH-IGM4100	●	10	25	10	75	
MUH-IGM4100L130	●	10	30	10	75	
MUH-IGM4120	●	12	30	12	75	
MUH-IGM4120L136	●	12	36	12	75	

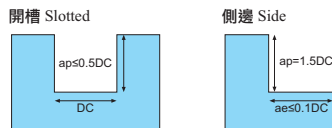
MUH-IGM 4000系列切削參數

The Cutting Data For MUH-IGM 4000 Series

被加工材質 Material
合金鋼 Alloy Steel 碳鋼 Carbon Steel

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 Vf (mm/min)	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	400

切削深度 Cutting depth



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



MUH-ITEM 4000

圓溝不等分不等螺旋 4 刃鎢鋼立銑刀
Round land Unequal Spiral Unequal Division
4 Flutes Carbide End Mill



不等分 $B1^\circ \neq B2^\circ$
Unequal Division



不等螺旋 $A1^\circ \neq A2^\circ$
Unequal Spiral

新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW MUH-ITEM4035L109D6	●	3.5	9	6	50	
MUH-ITEM4040	●	4	10	4	50	
MUH-ITEM4040L112	●	4	12	4	50	
MUH-ITEM4040L112D6	●	4	12	6	50	
MUH-ITEM4050L115	●	5	15	6	50	
MUH-ITEM4060	●	6	15	6	50	
MUH-ITEM4060L118	●	6	18	6	50	
MUH-ITEM4070L121	●	7	21	8	60	
MUH-ITEM4080	●	8	20	8	60	
MUH-ITEM4080L124	●	8	24	8	60	
MUH-ITEM4100	●	10	25	10	75	
MUH-ITEM4100L130	●	10	30	10	75	
MUH-ITEM4120	●	12	30	12	75	
MUH-ITEM4120L136	●	12	36	12	75	

MUH-ITEM 4000系列切削參數

The Cutting Data For MUH-ITEM 4000 Series

被加工材質
Material

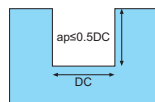
合金鋼
Alloy Steel

碳鋼
Carbon Steel

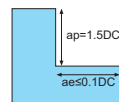
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6000	4000	2900	2400	1900	1500	1200
進給速度 Vf (mm/min)	開槽 Slotted	420	420	420	420	420	420
	側邊 Side	1100	800	950	750	500	400

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

MUH-IYM 4000 series

For Hard Materials

圓溝不等分割不等螺旋 難削材 4 刃鎢鋼端銑刀

Rounded Unequal Spiral & Unequal Division 4 Flutes Carbide End Mill

特殊鍍鈦，適用於難切削材、航太零部件
提升耐高溫、耐磨耗度，表面不易沾黏金屬
可切削硬度達HRC55~60°

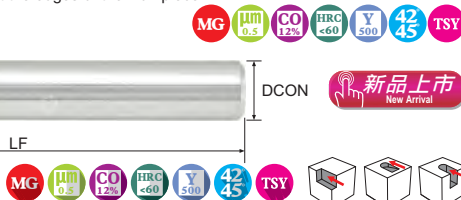
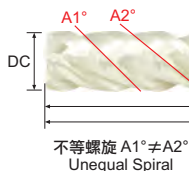
Special titanium coating is suitable for machining
of Hard Materials or aerospace components.
Capable of cutting hardness HRC 55~60°



不等角分割利於高速進給加工抗震性
不等螺旋角利於高速加工抗崩裂性

Unequal angle division is beneficial for high-speed feed
machining and vibration resistance, unequal helix angle for
enhanced resistance to chipping during high-speed machining.

採用螺旋角42°/45°設計，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 design of 42°/45°, changes the feed per tooth, making the milling waveforms of each tooth different. It effectively
reduces or prevents cutting vibration marks during side milling, effectively reduces or eliminates cutting vibration marks during
side milling, achieves high-quality machining surfaces and extends tool life, special U-shaped groove design, which is good for
chip removal during plunge milling, reducing burr formation at the edges of the workpiece.



產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW MUH-IYM4040		4	10	4	50	
NEW MUH-IYM4060		6	15	6	50	
NEW MUH-IYM4080	●	8	20	8	60	
NEW MUH-IYM4080L124	●	8	24	8	60	
NEW MUH-IYM4100		10	25	10	75	
NEW MUH-IYM4100L130	●	10	30	10	75	
NEW MUH-IYM4120		12	30	12	75	
NEW MUH-IYM4160		16	48	16	100	

MUH-IYM 4000系列切削參數

The Cutting Data For MUH-IYM 4000 Series

特殊塗層可加工
Special Coating for

鈦合金
Titanium

直徑 (mm) Shank		4	6	8	10	12	16
轉速 n (min)		4000	2600	2000	1600	1300	1000
進給速度 Vf (mm/min)	開槽 Slotted	320	210	240	190	210	160
	側邊 Side	800	520	400	380	310	240

特殊塗層可加工
Special Coating for

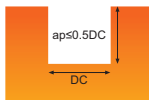
鎳合金
Nickel Alloy

4	6	8	10	12	16
2000	1300	1000	800	700	500
160	105	120	95	100	80
400	260	200	190	155	120

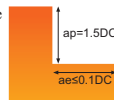
切削深度 Cutting depth

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

開槽 Slotted



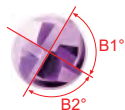
側邊 Side





LUH-IMM 4000

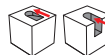
車銑複合機用鎢鋼銑刀
Turning And Milling Center Carbide End Mill



不等分割 $B1^\circ \neq B2^\circ$
Unequal Division



不等螺旋 $A1^\circ \neq A2^\circ$
Unequal Spiral



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
LUH-IMM4080	●	8	8	8	40	
LUH-IMM4080D6		8	8	6	40	
LUH-IMM4100D6		10	10	6	40	
LUH-IMM4120D10	●	12	12	10	40	
LUH-IMM4160D10		16	16	10	40	

LUH-IMM 4000系列切削參數

The Cutting Data For LUH-IMM 4000 Series

被加工材質
Material

鋼

Steel

不鏽鋼

Stainless steel

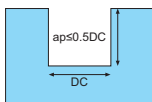
鑄鐵

Cast Iron

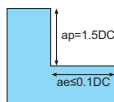
直徑 (mm) Shank	6	8	10
轉速 n (min)	4000	2900	2400
進給速度 (mm/min) Vf	開槽 Slotted	420	420
	側邊 Side	800	950

切削深度 Cutting depth

開槽 Slotted



側邊 Side



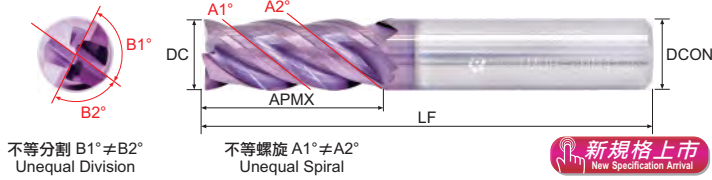
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

MMH-LMM 4000

平邊不等分割不等螺旋 4 刃鎢鋼立銑刀
Flat Land Unequal Spiral & Unequal Division
4 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MMH-LMM4040	●	4	10	4	50	
MMH-LMM4060	●	6	15	6	50	
MMH-LMM4080	●	8	20	8	60	
MMH-LMM4100	●	10	25	10	75	
MMH-LMM4120	●	12	30	12	75	
MMH-LMM4120L136	●	12	36	12	75	
MMH-LMM4160L155	●	16	55	16	100	
MMH-LMM4160M	●	16	48	16	150	

MMH-LMM 4000系列切削參數

The Cutting Data For MMH-LMM 4000 Series

被加工材質
Material

鋼
Steel

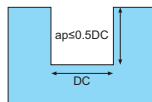
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

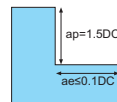
直徑 (mm) Shank	4	6	8	10	12	16
轉速 n (min)	6000	4000	2900	2400	1900	1500
進給速度 (mm/min) Vf	開槽 Slotted	420	420	420	420	420
	側邊 Side	1100	800	950	500	480

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 : 刃徑 Diameter of cutting

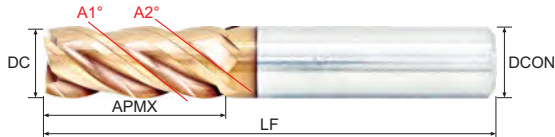


MMH-LPM 4000

平溝不等分割不等螺旋 4 刃鎢鋼立銑刀
Flat Land Unequal Spiral & Unequal Division
4 Flutes Carbide End Mill

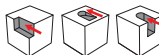


不等分割 $B1^\circ \neq B2^\circ$
Unequal Division



不等螺旋 $A1^\circ \neq A2^\circ$
Unequal Spiral

新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MMH-LPM4040	●	4	10	4	50	
MMH-LPM4055L1165	●	5.5	16.5	6	50	
MMH-LPM4060	●	6	15	6	50	
MMH-LPM4080	●	8	20	8	60	
NEW MMH-LPM4080L124	●	8	24	8	60	
MMH-LPM4100	●	10	25	10	75	
MMH-LPM4120	●	12	30	12	75	
NEW MMH-LPM4120L136	●	12	36	12	75	
MMH-LPM4160	●	16	48	16	100	

MMH-LPM 4000系列切削參數

The Cutting Data For MMH-LPM 4000 Series

被加工材質
Material

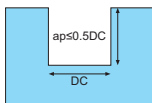
合金鋼
Alloy Steel

碳鋼
Carbon Steel

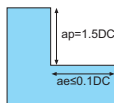
直徑 (mm) Shank	4	6	8	10	12	16
轉速 n (min)	6000	4000	2900	2400	1900	1500
進給速度 (mm/min) Vf	開槽 Slotted	420	420	420	420	420
	側邊 Side	1100	800	950	500	480

切削深度 Cutting depth

開槽 Slotted



側邊 Side



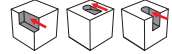
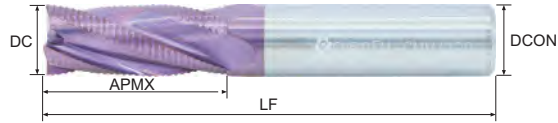
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

FM-CMM 4000 細齒 4 刃鎢鋼粗銑刀

4 Flutes Fine Pitch & Finishing Roughing Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
FM-CMM4060	●	6	15	6	50	
FM-CMM4080	●	8	20	8	60	
FM-CMM4100	●	10	25	10	75	
FM-CMM4120	●	12	30	12	75	
FM-CMM4120L136	●	12	36	12	75	
FM-CMM4160	●	16	48	16	100	

FM-CMM 4000系列切削參數

The Cutting Data For FM-CMM 4000 Series

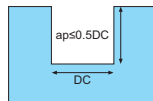
被加工材質 Material

鋼 Steel
不鏽鋼 Stainless steel
鑄鐵 Cast Iron

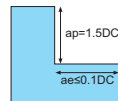
直徑 (mm) Shank		6	8	10	12	16
轉速 n (min)		3100	2300	1900	1600	1200
進給速度 (mm/min) Vf	開槽 Slotted	120	120	120	120	135
	側邊 Side	325	375	375	275	200

切削深度 Cutting depth

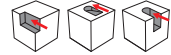
開槽 Slotted



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



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
RM-CMM4050	●	5	12.5	6	50	
RM-CMM4060	●	6	15	6	50	
RM-CMM4070	●	7	17.5	8	60	
RM-CMM4080	●	8	20	8	60	
RM-CMM4100	●	10	25	10	75	
RM-CMM4120	●	12	30	12	75	
RM-CMM4120L136	●	12	36	12	75	
RM-CMM4150	●	15	37.5	16	100	
RM-CMM4160	●	16	48	16	100	

RM-CMM 4000系列切削參數

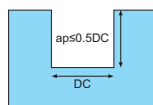
The Cutting Data For RM-CMM 4000 Series

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

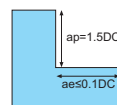
直徑 (mm) Shank		6	8	10	12	16
轉速 n (min)		3100	2300	1900	1600	1200
進給速度 (mm/min) Vf	開槽 Slotted	120	120	120	120	135
	側邊 Side	325	375	375	275	200

切削深度 Cutting depth

開槽 Slotted

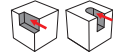


側邊 Side



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

CFM-CWM

 鎢鋼複合材料精加工立銑刀
Carbide End Mill For Composites Finishing


產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	刃數 CICT	價格 Price
CFM-CWM8040	●	4	12	4	50	8	
CFM-CWM12060	●	6	18	6	50	12	
CFM-CWM11060L124		6	24	6	50	11	
CFM-CWM14080L125	●	8	25	8	60	14	
CFM-CWM16100	●	10	30	10	75	16	
CFM-CWM17120L132		12	32	12	100	17	

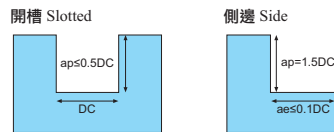
CFM-CWM系列切削參數

The Cutting Data For CFM-CWM Series

 被加工材質 Material 玻璃纖維 Glass Fiber 碳纖維 Carbon Fiber

直徑 (mm) Shank		4	6	8	10	12
轉速 n (min)		6370	4250	3190	2550	2130
進給速度 (mm/min) Vf	開槽 Slotted	510	470	450	410	360
	側邊 Side	1020	940	900	820	730

切削深度 Cutting depth



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



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
S-EMB2003	●	0.15	0.3	0.6	4	50	
S-EMB2004	●	0.2	0.4	0.8	4	50	
S-EMB2005	●	0.25	0.5	1	4	50	
S-EMB2006	●	0.3	0.6	1.2	4	50	
S-EMB2007	●	0.35	0.7	1.4	4	50	
S-EMB2008	●	0.4	0.8	1.6	4	50	
S-EMB2009	●	0.45	0.9	1.8	4	50	

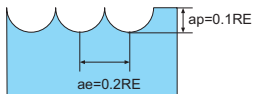
S-EMB 2000系列切削參數

The Cutting Data For S-EMB 2000 Series

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

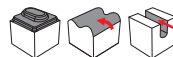
直徑 (mm) Shank	4
轉速 n (min)	6400
進給速度 Vf (mm/min)	235

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R Edge Angle

S-EMB 2000L2 微小徑長頸短刃球頭2刃鎢鋼立銑刀
Micro Diameter Long Neck Short Flute Ball Nose
2 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	頸徑 DN	可使用長度 LU	標準全長 LF	價格 Price
S-EMB2004L202		0.2	0.4	0.32	4	0.37	2	50	
S-EMB2004L204		0.2	0.4	0.32	4	0.37	4	50	
S-EMB2005L202		0.25	0.5	0.4	4	0.46	2	50	
S-EMB2005L204	●	0.25	0.5	0.4	4	0.46	4	50	
S-EMB2005L206	●	0.25	0.5	0.4	4	0.46	6	50	
S-EMB2006L202		0.3	0.6	0.48	4	0.56	2	50	
S-EMB2006L204		0.3	0.6	0.48	4	0.56	4	50	
S-EMB2006L206		0.3	0.6	0.48	4	0.56	6	50	
S-EMB2006L208	●	0.3	0.6	0.48	4	0.56	8	50	
S-EMB2008L203	●	0.4	0.8	0.64	4	0.76	3	50	
S-EMB2008L204		0.4	0.8	0.64	4	0.76	4	50	
S-EMB2008L206		0.4	0.8	0.64	4	0.76	6	50	
S-EMB2008L208		0.4	0.8	0.64	4	0.76	8	50	
S-EMB2008L210		0.4	0.8	0.64	4	0.76	10	50	

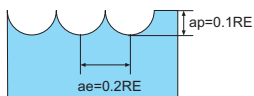
S-EMB 2000L2系列切削參數

The Cutting Data For S-EMB 2000L2 Series

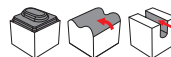
被加工材質 Material 鋼 Steel 不鏽鋼 Stainless steel 鑄鐵 Cast Iron

直徑 (mm) Shank	4
轉速 n (min)	6400
進給速度 Vf (mm/min)	235

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R R Edge Angle



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
S-EPB2003		0.15	0.3	0.6	4	50	
S-EPB2004	●	0.2	0.4	0.8	4	50	
S-EPB2005		0.25	0.5	1	4	50	
S-EPB2006	●	0.3	0.6	1.2	4	50	
S-EPB2007		0.35	0.7	1.4	4	50	
S-EPB2008	●	0.4	0.8	1.6	4	50	
S-EPB2009		0.45	0.9	1.8	4	50	

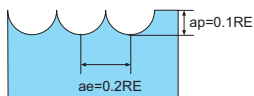
S-EPB 2000系列切削參數

The Cutting Data For S-EPB 2000 Series

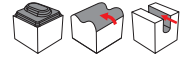
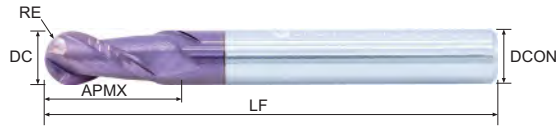
被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

直徑 (mm) Shank	4
轉速 n (min)	6400
進給速度 Vf (mm/min)	235

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R R Edge Angle

EMB 2000 球頭 2 刃鎢鋼立銼刀
2 Flutes Ball Nose Carbide End Mill


產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMB2010	●	0.5	1	2	4	50	
EMB2010D6	●	0.5	1	2	6	50	
EMB2010E1D6	●	0.5	1	2	6	75	
EMB2015	●	0.75	1.5	3	4	50	
EMB2015D6	●	0.75	1.5	3	6	50	
EMB2015E1D6	●	0.75	1.5	3	6	75	
EMB2020	●	1	2	4	4	50	
EMB2020D6	●	1	2	4	6	50	
EMB2020E1D6	●	1	2	4	6	75	
EMB2025	●	1.25	2.5	5	4	50	
EMB2025D6	●	1.25	2.5	5	6	50	
EMB2030	●	1.5	3	6	4	50	
EMB2030D3	●	1.5	3	6	3	50	
EMB2030D6	●	1.5	3	6	6	50	
EMB2030E1D6	●	1.5	3	6	6	75	
EMB2032	●	1.6	3.2	6.4	4	50	
EMB2035	●	1.75	3.5	7	4	50	
EMB2035D6	●	1.75	3.5	7	6	50	
EMB2035E1	●	1.75	3.5	7	4	75	
EMB2035E1D6	●	1.75	3.5	7	6	75	
EMB2040	●	2	4	8	4	50	
EMB2040D6	●	2	4	8	6	50	
EMB2040E1	●	2	4	8	4	75	
EMB2040E1D6	●	2	4	8	6	75	
EMB2040H	●	2	4	8	4	100	
EMB2040HD6	●	2	4	8	6	100	
EMB2042	●	2.1	4.2	8.4	6	50	
EMB2049	●	2.45	4.9	9.8	6	50	
EMB2050	●	2.5	5	10	6	50	
EMB2050E1	●	2.5	5	10	6	75	
EMB2050H	●	2.5	5	10	6	100	
EMB2056	●	2.8	5.6	11.2	6	50	
EMB2060	●	3	6	12	6	50	

※ 請接下頁。 ※ Continued on next page.



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMB2060E1	●	3	6	12	6	75	
EMB2060H	●	3	6	12	6	100	
EMB2060M	●	3	6	12	6	150	
EMB2065	●	3.25	6.5	13	8	60	
EMB2069	●	3.45	6.9	13.8	8	60	
EMB2070	●	3.5	7	14	8	60	
EMB2080	●	4	8	16	8	60	
EMB2080E1	●	4	8	16	8	75	
EMB2080H	●	4	8	16	8	100	
EMB2080M	●	4	8	16	8	150	
EMB2080R	●	4	8	16	8	200	
EMB2090	●	4.5	9	18	10	75	
EMB2100	●	5	10	20	10	75	
EMB2100H	●	5	10	20	10	100	
EMB2100M	●	5	10	20	10	150	
EMB2100R	●	5	10	20	10	200	
EMB2120	●	6	12	24	12	75	
EMB2120H	●	6	12	24	12	100	
EMB2120M	●	6	12	24	12	150	
EMB2120R	●	6	12	24	12	200	
EMB2160	●	8	16	32	16	100	
EMB2160M	●	8	16	32	16	150	
EMB2160R	●	8	16	32	16	200	
EMB2200	●	10	20	40	20	100	
EMB2200M	●	10	20	40	20	150	
EMB2200R	●	10	20	40	20	200	

EMB 2000系列切削參數

The Cutting Data For EMB 2000 Series

被加工材質
Material

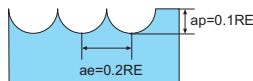
鋼
Steel

不鏽鋼
Stainless steel

鑄鐵
Cast iron

直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6400	4300	3200	2600	2200	1600	1300
進給速度 Vf (mm/min)	235	245	275	275	255	230	205

切削深度 Cutting depth



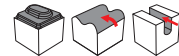
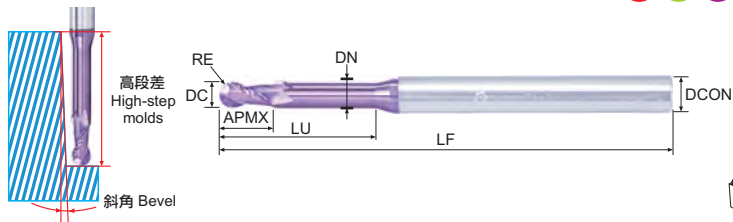
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

RE : 刃角 R Edge Angle

EMB 2000L2

長頸球頭 2 刃鎢鋼立銼刀
Long Neck Short Flute 2 Flutes Ball Nose Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	頸徑 DN	可使用長度 LU	標準全長 LF	價格 Price
EMB2010L204	●	0.5	1	0.8	4	0.95	4	50	
EMB2010L206	●	0.5	1	0.8	4	0.95	6	50	
EMB2010L208	●	0.5	1	0.8	4	0.95	8	50	
EMB2010L210	●	0.5	1	0.8	4	0.95	10	50	
EMB2010L212	●	0.5	1	0.8	4	0.95	12	50	
EMB2015L204	●	0.75	1.5	1.2	4	1.45	4	50	
EMB2015L206	●	0.75	1.5	1.2	4	1.45	6	50	
EMB2015L208	●	0.75	1.5	1.2	4	1.45	8	50	
EMB2015L210	●	0.75	1.5	1.2	4	1.45	10	50	
EMB2015L212	●	0.75	1.5	1.2	4	1.45	12	50	
EMB2020L206	●	1	2	1.6	4	1.94	6	50	
EMB2020L208	●	1	2	1.6	4	1.94	8	50	
EMB2020L210	●	1	2	1.6	4	1.94	10	50	
EMB2020L212	●	1	2	1.6	4	1.94	12	50	
EMB2020L212E1	●	1	2	1.6	4	1.94	12	75	
EMB2020L214		1	2	1.6	4	1.94	14	50	
EMB2020L216	●	1	2	1.6	4	1.94	16	50	
EMB2020L216E1	●	1	2	1.6	4	1.94	16	75	
EMB2030L208	●	1.5	3	2.4	4	2.85	8	50	
EMB2030L210	●	1.5	3	2.4	4	2.85	10	50	
EMB2030L212	●	1.5	3	2.4	4	2.85	12	50	
EMB2030L214	●	1.5	3	2.4	4	2.85	14	50	
EMB2030L216	●	1.5	3	2.4	4	2.85	16	50	
EMB2030L220	●	1.5	3	2.4	4	2.85	20	50	
EMB2040L212		2	4	3.2	4	3.8	12	50	
EMB2040L214		2	4	3.2	4	3.8	14	50	
EMB2040L216		2	4	3.2	4	3.8	16	50	
EMB2040L220		2	4	3.2	4	3.8	20	50	
EMB2040L225		2	4	3.2	4	3.8	25	50	
EMB2060L220		3	6	4.8	6	5.9	20	50	
EMB2060L235HD8	●	3	6	12	8	5.9	35	100	
EMB2060L240MD8	●	3	6	12	8	5.9	40	150	



EMB 2000L2系列切削參數

The Cutting Data For EMB 2000L2 Series

被加工材質
Material

鋼

Steel

不鏽鋼

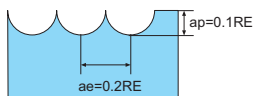
Stainless steel

鑄鐵

Cast Iron

直徑 (mm) Shank	4	6	8
轉速 n (min)	6400	4300	3200
進給速度 Vf (mm/min)	235	245	275

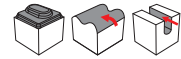
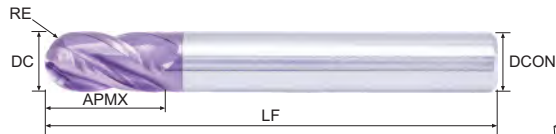
切削深度 Cutting depth



ap：軸向切削深度 Axial depth of cutting

ae：徑向切削深度 Radial depth of cutting

RE：刃角 R Edge Angle

EMB 4000 球頭 4 刃鎢鋼立銼刀
4 Flutes Ball Nose Carbide End Mill


產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EMB4010		0.5	1	2	4	50	
EMB4015		0.75	1.5	3	4	50	
EMB4020	●	1	2	4	4	50	
EMB4030	●	1.5	3	6	4	50	
EMB4035	●	1.75	3.5	7	4	50	
EMB4035D6	●	1.75	3.5	7	6	50	
EMB4040	●	2	4	8	4	50	
EMB4040D6	●	2	4	8	6	50	
EMB4040E1	●	2	4	8	4	75	
EMB4040H	●	2	4	8	4	100	
EMB4045	●	2.25	4.5	9	6	50	
EMB4050	●	2.5	5	10	6	50	
EMB4060	●	3	6	12	6	50	
EMB4060E1	●	3	6	12	6	75	
EMB4060H	●	3	6	12	6	100	
EMB4070L1175	●	3.5	7	17.5	8	60	
EMB4080	●	4	8	16	8	60	
EMB4080E1	●	4	8	16	8	75	
EMB4080H	●	4	8	16	8	100	
EMB4080M	●	4	8	16	8	150	
EMB4100	●	5	10	20	10	75	
EMB4100H	●	5	10	20	10	100	
EMB4100M	●	5	10	20	10	150	
EMB4120	●	6	12	24	12	75	
EMB4120H	●	6	12	24	12	100	
EMB4120M	●	6	12	24	12	150	
EMB4160	●	8	16	32	16	100	
EMB4160M	●	8	16	32	16	150	
EMB4200	●	10	20	40	20	100	



EMB 4000系列切削參數

The Cutting Data For EMB 4000 Series

被加工材質
Material

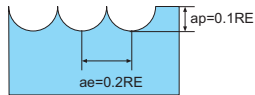
鋼
Steel

不鏽鋼
Stainless steel

鑄鐵
Cast Iron

直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6400	4300	3200	2600	2200	1600	1300
進給速度 Vf (mm/min)	470	490	550	550	510	450	410

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

RE : 刃角 R Edge Angle

EWB 2000

鋁用球頭 2 刃鎢鋼立銼刀
For Aluminum Ball Nose 2 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EWB2010		0.5	1	2	4	50	
EWB2015		0.75	1.5	3	4	50	
EWB2020	●	1	2	4	4	50	
EWB2030	●	1.5	3	6	4	50	
EWB2040	●	2	4	8	4	50	
EWB2050		2.5	5	10	6	50	
EWB2060	●	3	6	12	6	50	
EWB2060E1		3	6	12	6	75	
EWB2080		4	8	16	8	60	
EWB2100		5	10	20	10	75	
EWB2100H		5	10	20	10	100	
EWB2120		6	12	24	12	75	

EWB 2000系列切削參數

The Cutting Data For EWB 2000 Series

被加工材質
Material

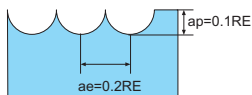
鋁合金
Aluminum

銅
Copper

塑膠
Copper

直徑 (mm) Shank	4	6	8	10	12
轉速 n (min)	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	235	245	275	275	255

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R R Edge Angle



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EPB2010	●	0.5	1	2	4	50	
EPB2015	●	0.75	1.5	3	4	50	
EPB2020	●	1	2	4	4	50	
EPB2030	●	1.5	3	6	4	50	
EPB2030D3	●	1.5	3	6	3	50	
EPB2030D6	●	1.5	3	6	6	50	
EPB2040	●	2	4	8	4	50	
EPB2050		2.5	5	10	6	50	
EPB2060	●	3	6	12	6	50	
EPB2060E1	●	3	6	12	6	75	
EPB2060H	●	3	6	12	6	100	
EPB2080	●	4	8	16	8	60	
EPB2100	●	5	10	20	10	75	
EPB2100H	●	5	10	20	10	100	
EPB2100M	●	5	10	20	10	150	
EPB2120	●	6	12	24	12	75	
EPB2120L150M	●	6	12	50	12	150	
EPB2160		8	16	32	16	100	
EPB2200		10	20	40	20	100	

EPB 2000系列切削參數

The Cutting Data For EPB 2000 Series

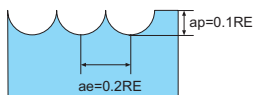
被加工材質
Material

合金鋼
Alloy Steel

碳鋼
Carbon Steel

直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6400	4300	3200	2600	2200	1600	1300
進給速度 Vf (mm/min)	235	245	275	275	255	230	205

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

RE : 刃角 R Edge Angle

EPB 4000 球頭 4 刃銼鋼立銼刀
4 Flutes Ball Nose Carbide End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EPB4020	●	1	2	4	4	50	
EPB4030		1.5	3	6	4	50	
EPB4040	●	2	4	8	4	50	
EPB4050	●	2.5	5	10	6	50	
NEW EPB4055	●	2.75	5.5	11	6	50	
EPB4060	●	3	6	12	6	50	
EPB4065	●	3.25	6.5	13	8	60	
EPB4070L1175	●	3.5	7	17.5	8	60	
EPB4080	●	4	8	16	8	60	
EPB4100	●	5	10	20	10	75	
EPB4120	●	6	12	24	12	75	
EPB4160		8	16	32	16	100	
EPB4200		10	20	40	20	100	

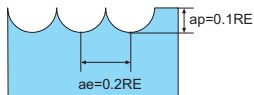
EPB 4000系列切削參數

The Cutting Data For EPB 4000 Series

被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

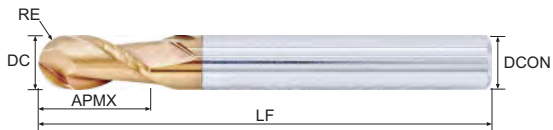
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6400	4300	3200	2600	2200	1600	1300
進給速度 Vf (mm/min)	470	490	550	550	510	460	410

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R Edge Angle

EEB 2000 球頭 2 刃鎢鋼立銼刀
2 Flutes Ball Nose Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
EEB2020		1	2	4	4	50	
EEB2030		1.5	3	6	4	50	
EEB2040		2	4	8	4	50	
EEB2050	●	2.5	5	10	6	50	
EEB2060	●	3	6	12	6	50	
EEB2080	●	4	8	16	8	60	
EEB2100		5	10	20	10	75	
EEB2120		6	12	24	12	75	

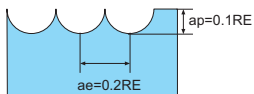
EEB 2000系列切削參數

The Cutting Data For EEB 2000 Series

被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

直徑 (mm) Shank	4	6	8	10	12
轉速 n (min)	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	235	245	275	275	255

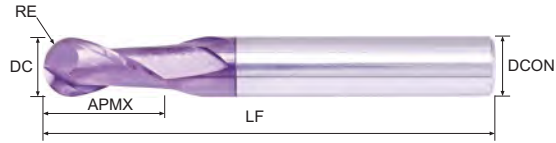
切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R Edge Angle

DMB 2000

球頭 2 刃鎢鋼立銼刀
2 Flutes Ball Nose Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DMB2030	●	1.5	3	6	4	50	
DMB2030D6	●	1.5	3	6	6	50	
DMB2040	●	2	4	8	4	50	
DMB2045	●	2.25	4.5	9	6	50	
DMB2050	●	2.5	5	10	6	50	
DMB2060	●	3	6	12	6	50	
DMB2070	●	3.5	7	14	8	60	
DMB2080	●	4	8	16	8	60	
DMB2090	●	4.5	9	18	10	75	
DMB2100	●	5	10	20	10	75	
DMB2120	●	6	12	24	12	75	

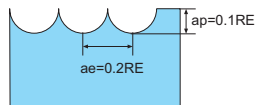
DMB 2000系列切削參數

The Cutting Data For DMB 2000 Series

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

直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	6400	4300	3200	2600	2200	1600	1300
進給速度 Vf (mm/min)	235	245	275	275	255	230	205

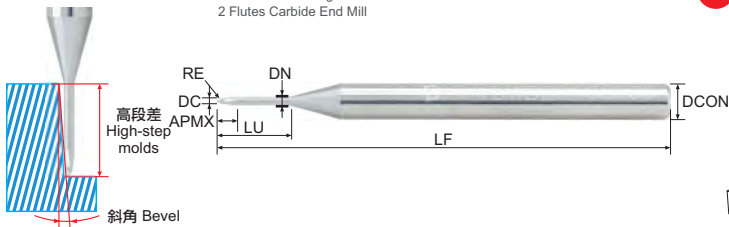
切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
 ae : 徑向切削深度 Radial depth of cutting
 RE : 刃角 R Edge Angle

DWB 2000L2

鋁用長頸球頭 2 刃鎢鋼立銑刀
For Aluminum Long Neck Ball Nose
2 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	頸徑 DN	可使用長度 LU	標準全長 LF	價格 Price
DWB2010L204	●	0.5	1	0.8	4	0.95	4	50	
DWB2010L206	●	0.5	1	0.8	4	0.95	6	50	
DWB2010L208	●	0.5	1	0.8	4	0.95	8	50	

DWB 2000L2系列切削參數

The Cutting Data For DWB 2000L2 Series

被加工材質
Material

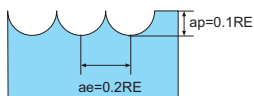
鋁合金
Aluminum

銅
Copper

塑膠
Plastic

直徑 (mm) Shank	4
轉速 n (min)	10500
進給速度 Vf (mm/min)	1260

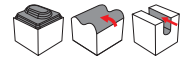
切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R Edge Angle

DPB 2000

球頭 2 刃鎢鋼立銑刀
2 Flutes Ball Nose Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DPB2060	●	3	6	12	6	50	
DPB2060H	●	3	6	12	6	100	
DPB2100H	●	5	10	20	10	100	

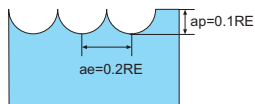
DPB 2000系列切削參數

The Cutting Data For DPB 2000 Series

被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

直徑 (mm) Shank	6	10
轉速 n (min)	4300	2600
進給速度 Vf (mm/min)	245	275

切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
 ae : 徑向切削深度 Radial depth of cutting
 RE : 刃角 R R Edge Angle



產品型號 Model No	在庫 Stock	刃角 R RE1	刃角 R RE2	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	刃數 CICT	價格 Price
PA-DPB4060L1140R45	●	1	45	6	14	6	50	4	
PA-DPB4060L1205R100	●	1	100	6	20.5	6	50	4	
PA-DPB6060L1140R45	●	1	45	6	14	6	50	6	
PA-DPB4080L1160R45		1.5	45	8	16	8	60	4	
PA-DPB4080L1220R95	●	1.5	95	8	22	8	60	4	
PA-DPB6080L1160R45	●	1.5	45	8	16	8	60	6	
PA-DPB4100L1245R90	●	2	90	10	24.5	10	75	4	
PA-DPB6100L1165R40	●	2	40	10	16.5	10	75	6	
PA-DPB6100L1175R40		2	40	10	17.5	10	75	6	
PA-DPB4120L1270R85		2	85	12	27	12	75	4	
PA-DPB6120L1185R40	●	2	40	12	18.5	12	75	6	

PA-DPB系列切削參數

The Cutting Data For PA-DPB Series

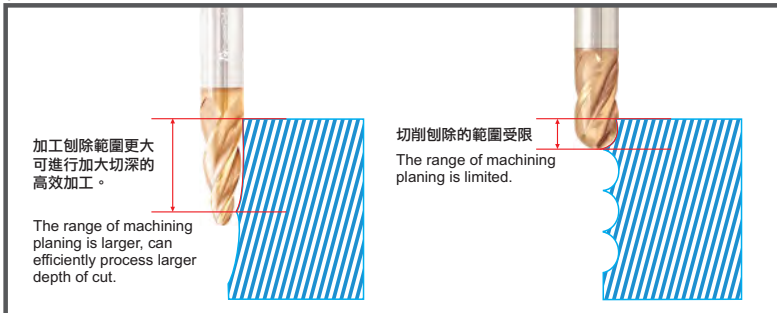
被加工材質
Material

合金鋼
Alloy Steel

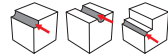
碳 鋼
Carbon Steel

刃角 R R Angle	1	1.5	2	切削直徑 DC Diameter of Cutting	6	8	10	12
轉速 n (min)	9500	6400	4800	轉速 n (min)	9500	7200	5700	4800
進給速度 Vf (mm/min)	3000	2000	2300	進給速度 Vf (mm/min)	5200	3900	3100	2600

拋物線銑削加工面積範圍比較 Comparison of the machining area range of parabolic milling



EPU 4000L1 260° 內R角 4 刃鎢鋼立銑刀
260° Inner Radius 4 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	頸徑 DN	切削長度 APMX	柄部直徑 DCON	可使用長度 LU	標準全長 LF	價格 Price
EPU4020L1016L204	●	1	2	1.5	1.63	4	4	50	
EPU4030L1024L206		1.5	3	2.3	2.46	4	6	50	
EPU4040L1033L208	●	2	4	3	3.3	4	8	50	
EPU4050L1041L210	●	2.5	5	3.65	4.1	6	10	50	
EPU4060L1049L212	●	3	6	4.6	4.93	6	12	50	
EPU4080L1065L216	●	4	8	5.9	6.58	8	16	60	
EPU4100L1082L220	●	5	10	7.6	8.22	10	20	75	
EPU4120L1098L224	●	6	12	9.2	9.86	12	24	75	
EPU4120L1100L221		6	12	9.2	10	12	21	75	
EPU4160L1133L232		8	16	12.2	13.37	16	32	100	

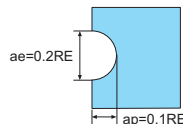
EPU 4000L1系列切削參數

The Cutting Data For EPU 4000 Series

被加工材質 Material **合金鋼 Alloy Steel** **碳鋼 Carbon Steel**

刃角 R R Angle	1	1.5	2	2.5	3	4	5	6	8
轉速 n (min)	12700	8500	6400	5100	4300	3200	2600	2200	1600
進給速度 Vf (mm/min)	450	450	470	470	490	500	550	510	450

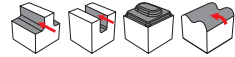
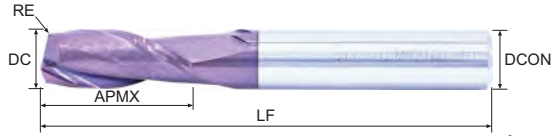
切削深度 Cutting depth



ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
RE : 刃角 R Edge Angle



DMR 2000R00

圓鼻 2 刃鎢鋼立銑刀
2 Flutes Corner Radius Carbide End Mill

產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DMR2010R02	●	0.2	1	2.5	4	50	
DMR2010R02E1D6	●	0.2	1	2.5	6	75	
DMR2015R02	●	0.2	1.5	3.75	4	50	
DMR2015R02E1D6	●	0.2	1.5	3.75	6	75	
DMR2020R02	●	0.2	2	5	4	50	
DMR2020R05	●	0.5	2	5	4	50	
DMR2020R05E1D6	●	0.5	2	5	6	75	
DMR2025R02	●	0.2	2.5	6.25	4	50	
DMR2030R02	●	0.2	3	7.5	4	50	
DMR2030R02E1	●	0.2	3	7.5	4	75	
DMR2030R05	●	0.5	3	7.5	4	50	
DMR2030R05E1	●	0.5	3	7.5	4	75	
DMR2030R10	●	1	3	7.5	4	50	
DMR2030R10D6	●	1	3	7.5	6	50	
DMR2030R10E1	●	1	3	7.5	4	75	
DMR2040R02	●	0.2	4	10	4	50	
DMR2040R02E1	●	0.2	4	10	4	75	
DMR2040R02H	●	0.2	4	10	4	100	
DMR2040R05	●	0.5	4	10	4	50	
DMR2040R05E1	●	0.5	4	10	4	75	
DMR2040R05H	●	0.5	4	10	4	100	
DMR2040R10	●	1	4	10	4	50	
DMR2040R10E1	●	1	4	10	4	75	
DMR2040R10H	●	1	4	10	4	100	
DMR2040R15D6	●	1.5	4	10	6	50	
DMR2060R02	●	0.2	6	15	6	50	
DMR2060R02E1	●	0.2	6	15	6	75	
DMR2060R02H	●	0.2	6	15	6	100	
DMR2060R05	●	0.5	6	15	6	50	
DMR2060R05E1	●	0.5	6	15	6	75	
DMR2060R05H	●	0.5	6	15	6	100	
DMR2060R10	●	1	6	15	6	50	
DMR2060R10E1	●	1	6	15	6	75	

※ 請接下一页。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	刃角R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DMR2060R10H	●	1	6	15	6	100	
DMR2060R20	●	2	6	15	6	50	
DMR2080R05	●	0.5	8	20	8	60	
DMR2080R05E1	●	0.5	8	20	8	75	
DMR2080R05H	●	0.5	8	20	8	100	
DMR2080R10	●	1	8	20	8	60	
DMR2080R10E1	●	1	8	20	8	75	
DMR2080R10H	●	1	8	20	8	100	
DMR2100R05	●	0.5	10	25	10	75	
DMR2100R05H	●	0.5	10	25	10	100	
DMR2100R10	●	1	10	25	10	75	
DMR2100R10H	●	1	10	25	10	100	
DMR2120R05	●	0.5	12	30	12	75	
DMR2120R05H	●	0.5	12	30	12	100	
DMR2120R10	●	1	12	30	12	75	
DMR2120R10H	●	1	12	30	12	100	

DMR 2000R00系列切削參數

The Cutting Data For DMR 2000R00 Series

被加工材質
Material

鋼
Steel

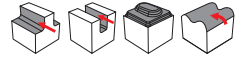
不鏽鋼
Stainless steel

鑄鐵
Cast Iron

直徑 (mm) Shank	4	6	8	10	12
轉速 n (min)	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	260	280	285	270	270



DMR 2000R00L2

長頸型圓鼻 2 刃鎢鋼立銑刀
Long Neck 2 Flutes Corner Radius Carbide End Mill

產品型號 Model No	在庫 Stock	刃角 R	切削直徑	切刃長度	柄部直徑	可使用長度	標準全長	價格 Price
		RE	DC	APMX	DCON	LU	LF	
DMR2030R02L207		0.2	3	3	4	7.5	50	
DMR2030R05L207		0.5	3	3	4	7.5	50	
DMR2040R02L210		0.2	4	4	4	10	50	
DMR2040R05L210		0.5	4	4	4	10	50	
DMR2060R02L215		0.2	6	6	6	15	50	
DMR2060R05L215		0.5	6	6	6	15	50	
DMR2060R10L215		1	6	6	6	15	50	
DMR2080R05L220		0.5	8	10	8	20	60	
DMR2080R10L220		1	8	10	8	20	60	
DMR2100R05L225		0.5	10	12	10	25	75	
DMR2100R10L225		1	10	12	10	25	75	
DMR2120R05L230		0.5	12	14	12	30	75	
DMR2120R10L230		1	12	14	12	30	75	

DMR 2000R00L2系列切削參數

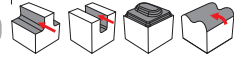
The Cutting Data For DMR 2000R00L2 Series

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

直徑 (mm) Shank	4	6	8	10	12
轉速 n (min)	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	260	280	285	270	270

DMR 4000R00

 圓鼻 4 刃鎢鋼立銑刀
4 Flutes Corner Radius Carbide End Mill

 新規格上市
New Specification Arrival


產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DMR4010R02	●	0.2	1	2.5	4	50	
DMR4010R02L103	●	0.2	1	3	4	50	
DMR4015R02	●	0.2	1.5	3.75	4	50	
DMR4015R02L104	●	0.2	1.5	4	4	50	
DMR4015R05	●	0.5	1.5	3.75	4	50	
DMR4020R02	●	0.2	2	5	4	50	
DMR4020R02L106	●	0.2	2	6	4	50	
DMR4020R05	●	0.5	2	5	4	50	
DMR4020R05L106	●	0.5	2	6	4	50	
DMR4025R02	●	0.2	2.5	6.25	4	50	
DMR4030R02	●	0.2	3	7.5	4	50	
DMR4030R02L106	●	0.2	3	6	4	50	
DMR4030R02L108	●	0.2	3	8	4	50	
DMR4030R02E1	●	0.2	3	7.5	4	75	
DMR4030R05	●	0.5	3	7.5	4	50	
DMR4030R05L108	●	0.5	3	8	4	50	
DMR4030R05D3	●	0.5	3	7.5	3	50	
DMR4030R05E1		0.5	3	7.5	4	75	
DMR4030R05E1D6	●	0.5	3	7.5	6	75	
DMR4030R10	●	1	3	7.5	4	50	
DMR4030R10D6	●	1	3	7.5	6	50	
DMR4030R10E1		1	3	7.5	4	75	
DMR4040R02	●	0.2	4	10	4	50	
DMR4040R02E1	●	0.2	4	10	4	75	
DMR4040R02H	●	0.2	4	10	4	100	
DMR4040R05	●	0.5	4	10	4	50	
DMR4040R05E1	●	0.5	4	10	4	75	
DMR4040R05E1D6	●	0.5	4	10	6	75	
DMR4040R05H	●	0.5	4	10	4	100	
DMR4040R10	●	1	4	10	4	50	
DMR4040R10E1	●	1	4	10	4	75	
DMR4040R10H		1	4	10	4	100	
DMR4040R15	●	1.5	4	10	4	50	

※ 請接下頁。 ※ Continued on next page.



產品型號 Model No	在庫 Stock	刃角R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DMR4050R05	●	0.5	5	12.5	6	50	
DMR4050R10		1	5	12.5	6	50	
DMR4060R02	●	0.2	6	15	6	50	
DMR4060R02E1		0.2	6	15	6	75	
DMR4060R02H	●	0.2	6	15	6	100	
DMR4060R05	●	0.5	6	15	6	50	
DMR4060R05E1	●	0.5	6	15	6	75	
DMR4060R05L110E1	●	0.5	6	10	6	75	
DMR4060R05H	●	0.5	6	15	6	100	
DMR4060R10	●	1	6	15	6	50	
DMR4060R10E1	●	1	6	15	6	75	
DMR4060R10H	●	1	6	15	6	100	
DMR4060R15	●	1.5	6	15	6	50	
DMR4060R20	●	2	6	15	6	50	
DMR4070R05	●	0.5	7	17.5	8	60	
DMR4080R02	●	0.2	8	20	8	60	
DMR4080R03	●	0.3	8	20	8	60	
DMR4080R05	●	0.5	8	20	8	60	
DMR4080R05E1	●	0.5	8	20	8	75	
DMR4080R05H	●	0.5	8	20	8	100	
DMR4080R10	●	1	8	20	8	60	
DMR4080R10E1	●	1	8	20	8	75	
DMR4080R10H	●	1	8	20	8	100	
DMR4080R15	●	1.5	8	20	8	60	
DMR4080R20	●	2	8	20	8	60	
DMR4100R02	●	0.2	10	25	10	75	
DMR4100R05	●	0.5	10	25	10	75	
DMR4100R05H	●	0.5	10	25	10	100	
DMR4100R10	●	1	10	25	10	75	
DMR4100R10H	●	1	10	25	10	100	
DMR4100R15	●	1.5	10	25	10	75	
DMR4100R20	●	2	10	25	10	75	
NEW DMR4100R25	●	2.5	10	25	10	75	
DMR4100R30	●	3	10	25	10	75	
DMR4120R05	●	0.5	12	30	12	75	
DMR4120R05H	●	0.5	12	30	12	100	
DMR4120R10	●	1	12	30	12	75	
DMR4120R10H	●	1	12	30	12	100	
DMR4120R15	●	1.5	12	30	12	75	
DMR4120R20	●	2	12	30	12	75	
NEW DMR4120R25	●	2.5	12	30	12	75	
DMR4160R10	●	1	16	40	16	100	

DMR 4000R00系列切削參數

The Cutting Data For DMR 4000R00 Series

被加工材質
Material

鋼
Steel

不鏽鋼
Stainless steel

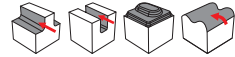
鑄鐵
Cast Iron

直徑 (mm) Shank	4	6	8	10	12	16
轉速 n (min)	6400	4300	3200	2600	2200	1600
進給速度 Vf (mm/min)	520	560	570	540	540	400



GPR 6000R00

6 刃圓鼻鎢鋼立銑刀
6 Flutes Rounded Land Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
GPR6060R02		0.2	6	15	6	50	
GPR6060R05		0.5	6	15	6	50	
GPR6060R10		1	6	15	6	50	
GPR6080R05		0.5	8	20	8	60	
GPR6080R10	●	1	8	20	8	60	
GPR6100R05		0.5	10	25	10	75	
GPR6100R10	●	1	10	25	10	75	
GPR6120R05		0.5	12	30	12	75	
GPR6120R10		1	12	30	12	75	
GPR6160R05	●	0.5	16	40	16	100	
GPR6160R10		1	16	40	16	100	
GPR6160R20		2	16	40	16	100	
GPR6200R05		0.5	20	50	20	100	
GPR6200R10		1	20	50	20	100	
GPR6200R20		2	20	50	20	100	

GPR 6000R00系列切削參數

The Cutting Data For GPR 6000R00 Series

被加工材質
Material

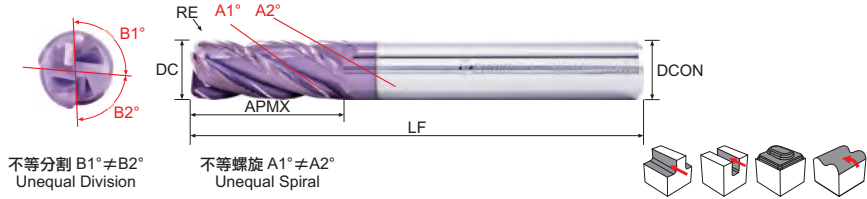
合金鋼
Alloy Steel

碳鋼
Carbon Steel

直徑 (mm) Shank	6	8	10	12	16	20
轉速 n (min)	4250	3200	2550	2200	1600	1300
進給速度 Vf (mm/min)	510	580	610	660	580	580

PH-FMR 4000R00

不等分割不等螺旋非圓溝 4 刃圓鼻鎢鈹銑刀
Unequal Division & Unequal Helix Angle without
rounded Land 4 Flutes Corner Radius Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
PH-FMR4040R05	●	0.5	4	10	4	50	
PH-FMR4040R10	●	1	4	10	4	50	
PH-FMR4040R10D6	●	1	4	10	6	50	
PH-FMR4050R05	●	0.5	5	12.5	6	50	
PH-FMR4060R05	●	0.5	6	15	6	50	
PH-FMR4060R10	●	1	6	15	6	50	
PH-FMR4080R05	●	0.5	8	20	8	60	
PH-FMR4080R10	●	1	8	20	8	60	
PH-FMR4080R30	●	3	8	20	8	60	
PH-FMR4100R05	●	0.5	10	25	10	75	
PH-FMR4100R05L130	●	0.5	10	30	10	75	
PH-FMR4100R05H	●	0.5	10	25	10	100	
PH-FMR4100R08	●	0.8	10	25	10	75	
PH-FMR4100R10	●	1	10	25	10	75	
PH-FMR4120R05	●	0.5	12	30	12	75	
PH-FMR4120R08L136	●	0.8	12	36	12	75	
PH-FMR4120R10	●	1	12	30	12	75	
PH-FMR4120R30	●	3	12	30	12	75	
PH-FMR4160R05	●	0.5	16	48	16	100	

PH-FMR 4000R00系列切削參數

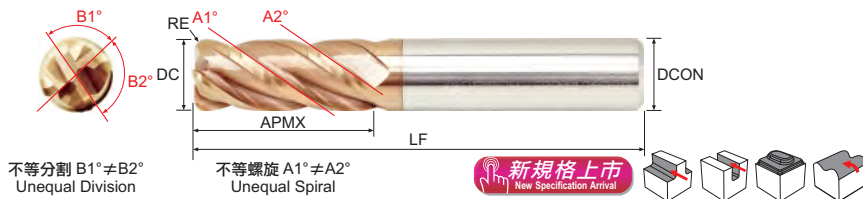
The Cutting Data For PH-FMR 4000R00 Series

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

直徑 (mm) Shank	4	6	8	10	12
轉速 n (min)	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	520	560	570	540	540

PH-FPR 4000R00

不等分割不等螺旋非圓溝 4 刃圓鼻鎢鈹銑刀
Unequal Division & Unequal Helix Angle without
rounded Land 4 Flutes Corner Radius Carbide End Mill



	產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
NEW	PH-FPR4020R02	●	0.2	2	5	4	50	
NEW	PH-FPR4030R02	●	0.2	3	7.5	4	50	
	PH-FPR4030R10D6	●	1	3	7.5	6	50	
	PH-FPR4040R05	●	0.5	4	10	4	50	
	PH-FPR4040R10	●	1	4	10	4	50	
NEW	PH-FPR4040R15D6	●	1.5	4	10	6	50	
	PH-FPR4050R05		0.5	5	12.5	6	50	
	PH-FPR4060R05	●	0.5	6	15	6	50	
	PH-FPR4060R10	●	1	6	15	6	50	
	PH-FPR4060R15	●	1.5	6	15	6	50	
	PH-FPR4080R05	●	0.5	8	20	8	60	
	PH-FPR4080R05E1	●	0.5	8	20	8	75	
	PH-FPR4080R10	●	1	8	20	8	60	
	PH-FPR4080R10E1	●	1	8	20	8	75	
	PH-FPR4080R15	●	1.5	8	20	8	60	
	PH-FPR4080R20	●	2	8	20	8	60	
	PH-FPR4100R05	●	0.5	10	25	10	75	
	PH-FPR4100R05L130	●	0.5	10	30	10	75	
	PH-FPR4100R05H	●	0.5	10	25	10	100	
	PH-FPR4100R10	●	1	10	25	10	75	
	PH-FPR4100R10L130	●	1	10	30	10	75	
NEW	PH-FPR4100R10H		1	10	25	10	100	
	PH-FPR4100R15	●	1.5	10	25	10	75	
	PH-FPR4100R20	●	2	10	25	10	75	
	PH-FPR4100R20L130	●	2	10	30	10	75	
	PH-FPR4120R05	●	0.5	12	30	12	75	
	PH-FPR4120R10	●	1	12	30	12	75	
	PH-FPR4120R20	●	2	12	30	12	75	
	PH-FPR4120R30L136	●	3	12	36	12	75	

PH-FPR 4000R00系列切削參數

The Cutting Data For PH-FPR 4000R00 Series

被加工材質
Material

合金鋼
Alloy Steel

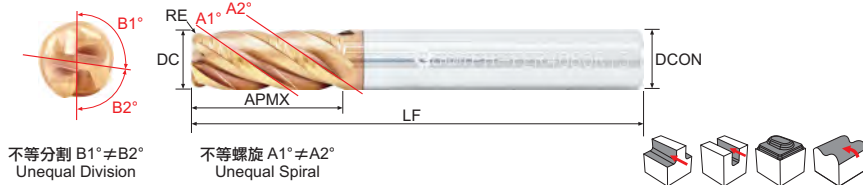
碳 鋼
Carbon Steel

直徑 (mm) Shank	3	4	6	8	10	12
轉速 n (min)	8500	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	680	520	560	570	540	540



PH-FER 4000R00

不等分割不等螺旋非圓溝 4 刃圓鼻鎢鋼端銑刀
Unequal Division & Unequal Helix Angle without
rounded Land 4 Flutes Corner Radius Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
PH-FER4040R05		0.5	4	10	4	50	
PH-FER4040R10		1	4	10	4	50	
PH-FER4060R05		0.5	6	15	6	50	
PH-FER4060R10	●	1	6	15	6	50	
PH-FER4060R15	●	1.5	6	15	6	50	
PH-FER4080R05	●	0.5	8	20	8	60	
PH-FER4080R10		1	8	20	8	60	
PH-FER4080R15	●	1.5	8	20	8	60	
PH-FER4080R20	●	2	8	20	8	60	
PH-FEP4080R30		3	8	20	8	60	
PH-FER4100R05		0.5	10	25	10	75	
PH-FER4100R10		1	10	25	10	75	
PH-FER4100R15		1.5	10	25	10	75	
PH-FER4100R20		2	10	25	10	75	
PH-FER4120R05		0.5	12	30	12	75	
PH-FER4120R10		1	12	30	12	75	
PH-FER4120R30		3	12	30	12	75	

PH-FER 4000R00系列切削參數

The Cutting Data For PH-FER 4000R00 Series

被加工材質
Material

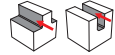
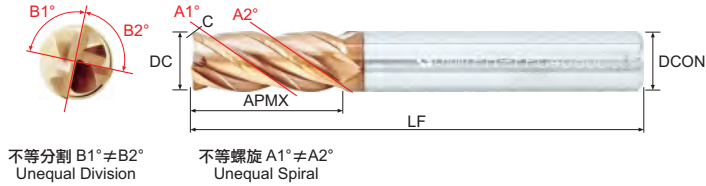
合金鋼
Alloy Steel

碳鋼
Carbon Steel

直徑 (mm) Shank	4	6	8	10	12
轉速 n (min)	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	520	560	570	540	540

PH-FPC 4000C00

不等分割不等螺旋非圓溝 4 刃 C 角鎢鋼立銑刀
Unequal Division Unequal Helix Angle Non Round Land
4 Flutes C Corner Carbide End Mill



產品型號 Model No	在庫 Stock	倒角 C	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
PH-FPC4030C01L108	●	0.1	3	8	3	50	
PH-FPC4040C015	●	0.15	4	10	4	50	
PH-FPC4060C02		0.2	6	15	6	50	
PH-FPC4080C02	●	0.2	8	20	8	60	
PH-FPC4080C02E1	●	0.2	8	20	8	75	
PH-FPC4100C02	●	0.2	10	25	10	75	
PH-FPC4100C03	●	0.3	10	25	10	75	
PH-FPC4100C03L130		0.3	10	30	10	75	
PH-FPC4100C03L136		0.3	10	36	10	75	
PH-FPC4120C035		0.35	12	30	12	75	

PH-FPC 4000C00系列切削參數

The Cutting Data For PH-FPC 4000C00 Series

被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

直徑 (mm) Shank	4	6	8	10	12
轉速 n (min)	6400	4300	3200	2600	2200
進給速度 Vf (mm/min)	520	560	570	540	540

SUH-FMR4000R00L1-DIN series *DIN Specification for Europe Market*



特殊設計 可保護圓鼻刀刀尖
Special design for protecting end mill tip



圓溝不等分割不等螺旋 *DIN規格*

Round Land Unequal Division Unequal Helix

高進給 4 刃圓鼻粗精銑鎢鋼端銑刀 特殊刀齒設計

High Feed 4 Flutes Corner Radius Carbide End Mill 能減少加工阻力及增加斷屑效率

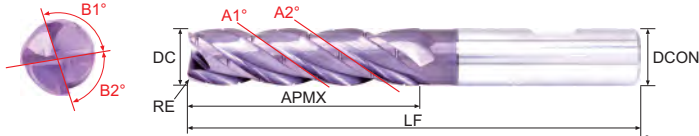
Special tooth design can reduce processing resistance and increase chip breaking efficiency

可適應較大的切深，加大容屑槽設計，提升排屑效率，採用不等螺旋角 $35^{\circ}/38^{\circ}$ 設計，有利於高速加工抗崩裂性，不等分割設計可利於高進給加工提高抗震性，改善加工表面優於粗銑刀，降低機台負載。

It can adapt to larger cutting depths, enlarge the chip groove design, and improve chip removal efficiency. Unequal helix $35^{\circ}/38^{\circ}$ design is beneficial to high-speed processing and chip resistance. The unequal division design is beneficial to high-feed machining, improve shock resistance, improve the processing surface better than rough end mill, and reduce machine load.

SUH-FMR 4000R00L1-DIN

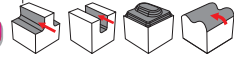
圓溝不等分割不等螺旋高進給
4 刃圓鼻粗精銑銻鋼端銑刀
Round Land Unequal Division Unequal
Helix High Feed 4 Flutes Corner Radius Carbide End Mill



不等分割 $B1^\circ \neq B2^\circ$
Unequal Division

不等螺旋 $A1^\circ \neq A2^\circ$
Unequal Spiral

新品上市
New Arrival



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	頸徑 DN	可使用長度 LU	標準全長 LF	價格 Price
NEW SUH-FMR4060R05L124D-DIN		0.5	6	24	6	5.8	29	60	
NEW SUH-FMR4080R05L132E1-DIN		0.5	8	32	8	7.7	38	75	
NEW SUH-FMR4100R05L140H-DIN		0.5	10	40	10	9.7	47	100	
NEW SUH-FMR4120R05L148H-DIN	●	0.5	12	48	12	11.6	55	100	
NEW SUH-FMR4160R05L164K-DIN	●	0.5	16	64	16	15.5	73	125	
NEW SUH-FMR4200R03L180M-DIN		0.5	20	80	20	19.5	91	150	

SUH-FMR 4000R00L1-DIN系列切削參數

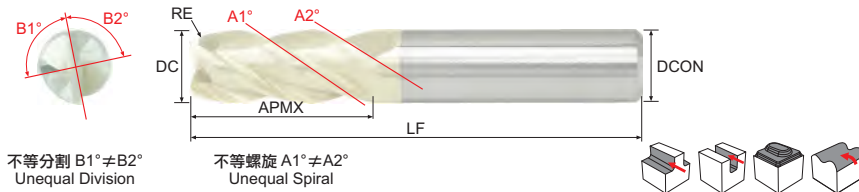
The Cutting Data For SUH-FMR 4000R00L1-DIN Series

被加工材質 Material
鋼 Steel 不鏽鋼 Stainless steel 鑄鐵 Cast iron

直徑 (mm) Shank	6	8	10	12	16	20
轉速 n (min)	4300	3200	2600	2200	1600	1300
進給速度 Vf (mm/min)	560	570	560	540	520	520

SUH-FYR 4000R00

圓溝不等分割不等螺旋高進給 4 刃圓鼻鎢鋼端銑刀
Round Land Unequal Division Unequal Helix
High Feed 4 Flutes Corner Radius Carbide End Mill



產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
SUH-FYR4040R05	●	0.5	4	10	4	50	
SUH-FYR4040R10		1	4	10	4	50	
SUH-FYR4060R05	●	0.5	6	15	6	50	
SUH-FYR4060R10		1	6	15	6	50	
SUH-FYR4060R15		1.5	6	15	6	50	
SUH-FYR4080R05	●	0.5	8	20	8	60	
SUH-FYR4080R10		1	8	20	8	60	
SUH-FYR4080R05E1		0.5	8	20	8	75	
SUH-FYR4080R10E1		1	8	20	8	75	
SUH-FYR4080R15		1.5	8	20	8	60	
SUH-FYR4080R20		2	8	20	8	60	
SUH-FYR4100R05	●	0.5	10	25	10	75	
SUH-FYR4100R05H		0.5	10	25	10	100	
SUH-FYR4100R10		1	10	25	10	75	
SUH-FYR4100R15		1.5	10	25	10	75	
SUH-FYR4100R20		2	10	25	10	75	
SUH-FYR4120R05	●	0.5	12	30	12	75	
SUH-FYR4120R10	●	1	12	30	12	75	
SUH-FYR4160R05	●	0.5	16	48	16	100	

SUH-FYR 4000R00系列切削參數

The Cutting Data For SUH-FYR 4000R00 Series

被加工材質 鈦合金
Material Titanium

被加工材質 鎳合金
Material Nickel Alloy

直徑 (mm) Shank	4	6	8	10	12	16
轉速 n (min)	3900	2600	2000	1600	1300	1000
進給速度 Vf (mm/min)	310	210	160	190	150	160

4	6	8	10	12	16
1900	1300	1000	800	650	1000
150	100	80	90	80	80

CC-AMC V型端尾槽鎢鋼刀
V-Type Chamfer Cutter


產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	頸徑 DN	可使用長度 LU	標準全長 LF	刃數 CICT	價格 Price
CC-AMC4040L207DD6	●	4	1.9	6	2.4	7	60	4	
CC-AMC4060L207D	●	6	2.8	6	3	7	60	4	
CC-AMC4080L209	●	8	3.8	8	4	9	60	4	
CC-AMC4080L220	●	8	3.8	8	4	20	60	4	
CC-AMC6080L209	●	8	3.8	8	4	9	60	6	
CC-AMC6100L211	●	10	4.8	10	5	11	75	6	
CC-AMC6120L213	●	12	5.8	12	6	13	75	6	

CC-AMC系列切削參數

The Cutting Data For CC-AMC Series

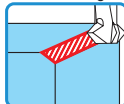
被加工材質 Material
鋼 Steel
不鏽鋼 Stainless steel
鑄鐵 Cast Iron

直徑 (mm) Shank	6	8	10	12
轉速 n (min)	3700	2800	2200	1900
進給速度 Vf (mm/min)	400	500	650	650

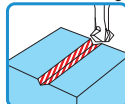
圓孔倒角
Chamfer Of Rounding Hole



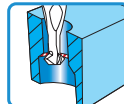
倒角
Chamfering



側面倒角
Side Chamfering



側面V槽
Side V Groove Processing



背面倒角
Back Chamfering





產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	頸徑 DN	可使用長度 LU	標準全長 LF	刃數 CICT	價格 Price
CR-AMC4060L206D		6	1.8	6	2.7	6	60	4	
CR-AMC6080L208	●	8	2.4	8	3.6	8	60	6	
CR-AMC6100L210	●	10	3.1	10	4.5	10	75	6	
CR-AMC6120L212	●	12	3.7	12	5.4	12	75	6	

CR-AMC系列切削參數 The Cutting Data For CR-AMC Series

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

直徑 (mm) Shank	6	8	10	12
轉速 n (min)	3700	2800	2200	1900
進給速度 Vf (mm/min)	400	500	650	650

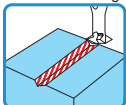
圓孔倒角
Chamfer Of Rounding Hole



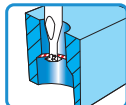
倒角
Chamfering



側面倒角
Side Chamfering



側面V槽
Side V Groove Processing

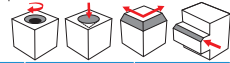


背面倒角
Back Chamfering



DT-DMC 2000

2 刃鎢鋼定位鑽
2 Flutes Positioning Drill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DT-DMC2030	●	3	10	3	50	
DT-DMC2040	●	4	12	4	50	
DT-DMC2050	●	5	20	5	50	
DT-DMC2060	●	6	20	6	50	
DT-DMC2080	●	8	25	8	60	
DT-DMC2100	●	10	25	10	75	
DT-DMC2120		12	30	12	75	
DT-DMC2160		16	35	16	100	
DT-DMC2200		20	40	20	100	

DT-DMC 2000系列切削參數

The Cutting Data For DT-DMC 2000 Series

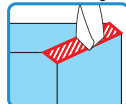
被加工材質 Material
鋼 Steel 不鏽鋼 Stainless steel 鑄鐵 Cast Iron

直徑 (mm) Shank	3	4	5	6	8	10	12	16	20
轉速 n (min)	7400	5500	4400	3700	2800	2300	1900	1400	1100
進給速度 Vf (mm/min)	300	220	180	150	120	90	80	60	45

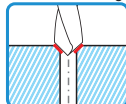
圓孔倒角
Chamfer Of Rounding Hole



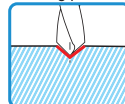
倒角
Chamfering



孔倒角加工
Hole Chamfering



定位加工
Positioning processing



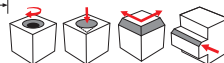
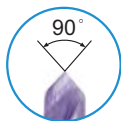
背面倒角
Back Chamfering



DC-DMC 2000

2 刃鎢鋼定位鑽
2 Flutes Positioning Drill

MG μm 0.5 CO 12% HRC <55 M 300 30 Altin



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DC-DMC2030	●	3	10	3	50	
DC-DMC2040	●	4	12	4	50	
DC-DMC2040E1	●	4	12	4	75	
DC-DMC2050	●	5	20	5	50	
DC-DMC2050E1		5	20	5	75	
DC-DMC2060	●	6	20	6	50	
DC-DMC2060H		6	20	6	100	
DC-DMC2080	●	8	25	8	60	
DC-DMC2080H		8	25	8	100	
DC-DMC2100	●	10	25	10	75	
DC-DMC2100H		10	25	10	100	
DC-DMC2120	●	12	30	12	75	
DC-DMC2120H		12	30	12	100	
DC-DMC2160	●	16	35	16	100	
DC-DMC2160M		16	35	16	150	
DC-DMC2200		20	40	20	100	

DC-DMC 2000系列切削參數

The Cutting Data For DC-DMC 2000 Series

被加工材質
Material

鋼
Steel

不鏽鋼
Stainless steel

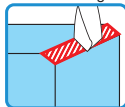
鑄鐵
Cast Iron

直徑 (mm) Shank	3	4	5	6	8	10	12	16	20
轉速 n (min)	7400	5500	4400	3700	2800	2300	1900	1400	1100
進給速度 Vf (mm/min)	300	220	180	150	120	90	80	60	45

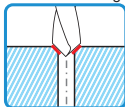
圓孔倒角
Chamfer Of Rounding Hole



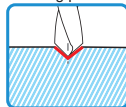
倒角
Chamfering



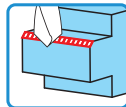
孔倒角加工
Hole Chamfering



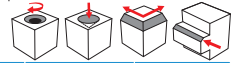
定位加工
Positioning processing



背面倒角
Back Chamfering



DR-DMC 2000

2 刃鎢鋼定位鑽
2 Flutes Positioning Drill


產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DR-DMC2030	●	3	10	3	50	
DR-DMC2040	●	4	12	4	50	
DR-DMC2040E1		4	12	4	75	
DR-DMC2050	●	5	20	5	50	
DR-DMC2050E1		5	20	5	75	
DR-DMC2060	●	6	20	6	50	
DR-DMC2060H		6	20	6	100	
DR-DMC2080	●	8	25	8	60	
DR-DMC2080H		8	25	8	100	
DR-DMC2100	●	10	25	10	75	
DR-DMC2100H		10	25	10	100	
DR-DMC2120	●	12	30	12	75	
DR-DMC2120H		12	30	12	100	
DR-DMC2160	●	16	35	16	100	
DR-DMC2160M		16	35	16	150	
DR-DMC2200	●	20	40	20	100	

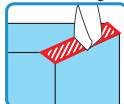
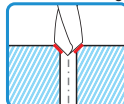
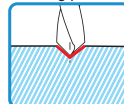
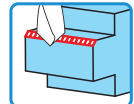
DR-DMC 2000系列切削參數

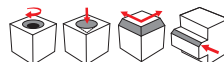
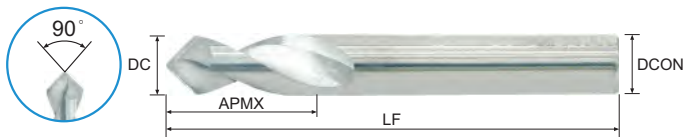
The Cutting Data For DR-DMC 2000 Series

被加工材質 Material
鋼 Steel 不銹鋼 Stainless steel 鑄鐵 Cast Iron

直徑 (mm) Shank	3	4	5	6	8	10	12	16	20
轉速 n (min)	7400	5500	4400	3700	2800	2300	1900	1400	1100
進給速度 Vf (mm/min)	300	220	180	150	120	90	80	60	45

圓孔倒角
Chamfer Of Rounding Hole

倒角
Chamfering

孔倒角加工
Hole Chamfering

定位加工
Positioning processing

背面倒角
Back Chamfering




產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DC-DWC2030		3	10	3	50	
DC-DWC2040	●	4	12	4	50	
DC-DWC2050		5	20	5	50	
DC-DWC2060	●	6	20	6	50	
DC-DWC2080	●	8	25	8	60	
DC-DWC2100	●	10	25	10	75	
DC-DWC2160	●	16	35	16	100	

DC-DWC 2000系列切削參數

The Cutting Data For DC-DPC 2000 · DC-DWC 2000 Series

被加工材質
Material

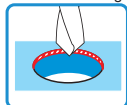
鋁合金
Aluminum

銅
Copper

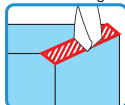
塑膠
Plastic

直徑 (mm) Shank	3	4	5	6	8	10	16
轉速 n (min)	7400	5500	4400	3700	2800	2300	1400
進給速度 Vf (mm/min)	300	220	180	150	120	90	60

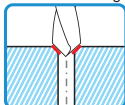
圓孔倒角
Chamfer Of Rounding Hole



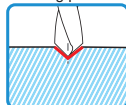
倒角
Chamfering



孔倒角加工
Hole Chamfering



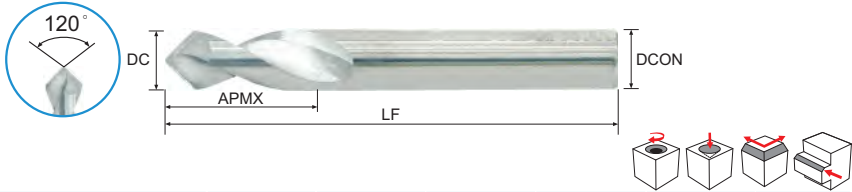
定位加工
Positioning processing



背面倒角
Back Chamfering



DR-DWC 2000

2 刃鎢鋼定位鑽
2 Flutes Carbide Drill


產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DR-DWC2030		3	10	3	50	
DR-DWC2040		4	12	4	50	
DR-DWC2050		5	20	5	50	
DR-DWC2060		6	20	6	50	
DR-DWC2080		8	25	8	60	
DR-DWC2100		10	25	10	75	
DR-DWC2160		16	35	16	100	

DR-DWC 2000系列切削參數
The Cutting Data For DR-DWC 2000 Series

被加工材質
Material

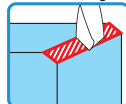
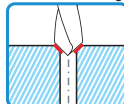
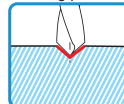
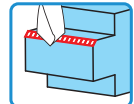
鋁合金
Aluminum

銅
Copper

塑膠
Plastic

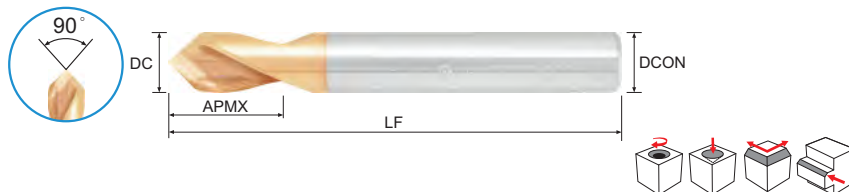
直徑 (mm) Shank	3	4	5	6	8	10	16
轉速 n (min)	7400	5500	4400	3700	2800	2300	1400
進給速度 Vf (mm/min)	300	220	180	150	120	90	60

圓孔倒角
Chamfer Of Rounding Hole

倒角
Chamfering

孔倒角加工
Hole Chamfering

定位加工
Positioning processing

背面倒角
Back Chamfering


DC-DPC 2000

2 刃鑰定位鑽
2 Flutes Positioning Drill



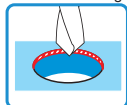
產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DC-DPC2030	●	3	10	3	50	
DC-DPC2040	●	4	12	4	50	
DC-DPC2040E1		4	12	4	75	
DC-DPC2050	●	5	20	5	50	
DC-DPC2060	●	6	20	6	50	
DC-DPC2080	●	8	25	8	60	
DC-DPC2100	●	10	25	10	75	
DC-DPC2120	●	12	30	12	75	
DC-DPC2160	●	16	35	16	100	
DC-DPC2200		20	40	20	100	

DC-DPC 2000系列切削參數 The Cutting Data For DC-DPC 2000 Series

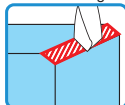
被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

直徑 (mm) Shank	3	4	5	6	8	10	12	16	20
轉速 n (min)	7400	5500	4400	3700	2800	2300	1900	1400	1100
進給速度 Vf (mm/min)	300	220	180	150	120	90	80	60	45

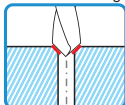
圓孔倒角
Chamfer Of Rounding Hole



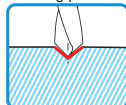
倒角
Chamfering



孔倒角加工
Hole Chamfering



定位加工
Positioning processing

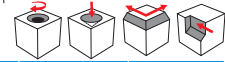


背面倒角
Back Chamfering



DC-DMM 2000

2 刃定位側銑鎢鋼鑽
2 Flutes Positioning Side Milling Carbide Drill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DC-DMM2060	●	6	12	6	50	
DC-DMM2080		8	16	8	60	
DC-DMM2100	●	10	20	10	75	
DC-DMM2120	●	12	24	12	75	
DC-DMM2160		16	32	16	100	
DC-DMM2200		20	40	20	100	

DC-DMM 2000系列切削參數 The Cutting Data For DC-DMM 2000 Series

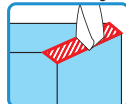
被加工材質 Material
鋼 Steel 不銹鋼 Stainless steel 鑄鐵 Cast Iron

直徑 (mm) Shank	6	8	10	12	16	20
轉速 n (min)	3700	2800	2300	1900	1400	1100
進給速度 Vf (mm/min)	150	120	90	80	60	45

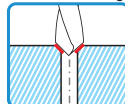
圓孔倒角
Chamfer Of Rounding Hole



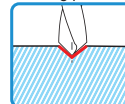
倒角
Chamfering



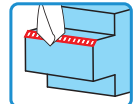
孔倒角加工
Hole Chamfering



定位加工
Positioning processing

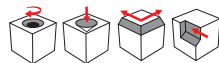
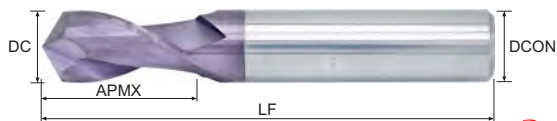


背面倒角
Back Chamfering



DR-DMM 2000

2 刃定位側銑鎢鋼鑽
2 Flutes Positioning Side Milling Carbide Drill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DR-DMM2060		6	12	6	50	
DR-DMM2080		8	16	8	60	
DR-DMM2100		10	20	10	75	
DR-DMM2120	●	12	24	12	75	
DR-DMM2160		16	32	16	100	
DR-DMM2200		20	40	20	100	

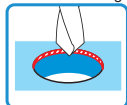
DR-DMM 2000系列切削參數

The Cutting Data For DR-DMM 2000 Series

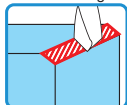
被加工材質 Material
鋼 Steel 不鏽鋼 Stainless steel 鑄鐵 Cast Iron

直徑 (mm) Shank	6	8	10	12	16	20
轉速 n (min)	3700	2800	2300	1900	1400	1100
進給速度 Vf (mm/min)	150	120	90	80	60	45

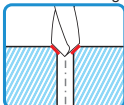
圓孔倒角
Chamfer Of Rounding Hole



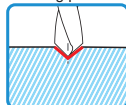
倒角
Chamfering



孔倒角加工
Hole Chamfering



定位加工
Positioning processing

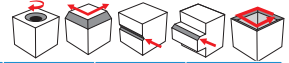


背面倒角
Back Chamfering



DCM-EPC 3000

90°定位倒角 3刃鎢鋼銑刀
90° Position Drilling Chamfering 3 Flutes Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	最小切削直徑 DCN	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
DCM-EPC3030		3	0.6	1.3	3	38	
DCM-EPC3030E1		3	0.6	1.3	3	75	
DCM-EPC3040		4	0.8	1.74	4	50	
DCM-EPC3040E1		4	0.8	1.74	4	75	
DCM-EPC3060	●	6	1.2	2.61	6	50	
DCM-EPC3060E1		6	1.2	2.61	6	75	
DCM-EPC3080		8	1.6	3.49	8	60	
DCM-EPC3080H		8	1.6	3.49	8	100	
DCM-EPC3100		10	2	4.36	10	75	
DCM-EPC3100H		10	2	4.36	10	100	
DCM-EPC3120		12	2.4	5.23	12	75	
DCM-EPC3120H		12	2.4	5.23	12	100	

DCM-EPC 3000系列切削參數

The Cutting Data For DCM-EPC 3000 Series

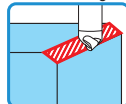
被加工材質 Material 合金鋼 Alloy Steel 碳鋼 Carbon Steel

直徑 (mm) Shank	3	4	6	8	10	12
轉速 n (min)	7400	5500	3700	2800	2300	1900
進給速度 Vf (mm/min)	450	330	225	180	135	120

圓孔倒角
Chamfer Of Rounding Hole



倒角
Chamfering



背面倒角
Back Chamfering

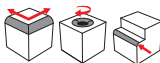
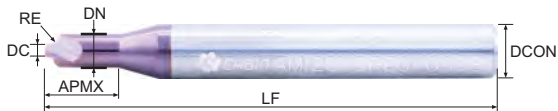


側面倒角
Side Chamfering



內倒角
Internal Chamfer





產品型號 Model No	在庫 Stock	刃角 R RE	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	頸徑 DN	標準全長 LF	價格 Price
AMI2015RE0050	●	0.5	1.5	5	4	2.7	50	
AMI2015RE0075	●	0.75	1.5	5	4	3.2	50	
AMI2015RE0100	●	1	1.5	8	4	3.7	50	
AMI2015RE0100D6	●	1	1.5	8	6	3.7	50	
AMI2015RE0125D6		1.25	1.5	8	6	4.2	50	
AMI2015RE0150D6	●	1.5	1.5	8	6	4.7	50	
AMI2015RE0175D6		1.75	1.5	8	6	5.2	50	
AMI2015RE0200D6	●	2	1.5	10	6	5.7	50	
AMI2015RE0250D8	●	2.5	1.5	10	8	6.7	60	
AMI2015RE0300D8	●	3	1.5	12	8	7.7	60	
AMI2020RE0400D12	●	4	2	12	12	10.2	75	
AMI2030RE0150D6	●	1.5	3	—	6	—	50	
AMI2030RE0500D16	●	5	3	15	16	13.2	100	
NEW AMI2030RE0500E1D16	●	5	3	15	16	13.2	75	
AMI2030RE0600D16	●	6	3	15	16	15.2	100	
AMI2030RE0125D6	●	1.25	3	9.5	6	—	50	
AMI2040RE0100D6	●	1	4	—	6	—	50	

AMI 2000系列切削參數

The Cutting Data For AMI 2000 Series

被加工材質
Material

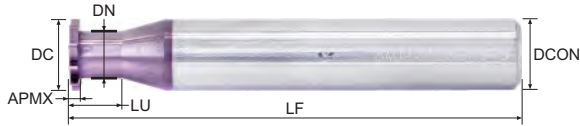
鋼
Steel

不鏽鋼
Stainless steel

鑄鐵
Cast Iron

刃角 R R Angle	0.5	0.75	1	1.25	1.5	1.75	2	2.5	3	4	5	6
轉速 n (min)	7800	6350	4700	4000	3100	2800	2600	2200	1900	1500	1300	1100
進給速度 Vf (mm/min)	310	250	190	240	190	170	160	180	150	180	210	180

AMT T型槽鎢鈨端銑刀
T-Slot Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	頸徑 DN	可使用長度 LU	標準全長 LF	刃數 CICT	價格 Price
AMT8080CW010		8	1	8	5.4	5	60	8	
AMT8080CW015		8	1.5	8	5.4	5.5	60	8	
AMT8080CW020		8	2	8	5.4	6	60	8	
AMT10120CW010		12	1	12	8.1	8	75	10	
NEW AMT10120CW012	●	12	1.2	12	8.1	8.2	75	10	
AMT10120CW015	●	12	1.5	12	8.1	8.5	75	10	
AMT10120CW020		12	2	12	8.1	9	75	10	

AMT系列切削參數
The Cutting Data For AMT Series

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

直徑 (mm) Shank	8	12
轉速 n (min)	1600	1060
進給速度 Vf (mm/min)	380	320

E180-AWA 1000L1

180° 鎢鋼平行雕刻立銑刀
180° Engraving End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
E180-AWA1030L105		3	5	3	40	
E180-AWA1030L110	●	3	10	3	40	
E180-AWA1040L106		4	6	4	50	
E180-AWA1050L108		5	8	5	50	
E180-AWA1060L109		6	9	6	60	
E180-AWA1080L112		8	12	8	75	
E180-AWA1100L115		10	15	10	75	
E180-AWA1120L118		12	18	12	75	

E180-AWA 1000L1系列切削參數

The Cutting Data For E180-AWA 1000L1 Series

被加工材質 Material: 合金鋼 Alloy Steel, 碳鋼 Carbon Steel, 鋼 Steel, 不鏽鋼 Stainless steel, 鑄鐵 Cast Iron, 鋁合金 Aluminum, 銅 Copper

直徑 (mm) Shank	3	4	5	6	8	10	12
轉速 n (min)	4250	3200	2550	2150	1600	1300	1100
進給速度 Vf (mm/min)	85	70	50	45	35	30	25

E030-AWC 1000L1 30° 倒角磨刻立銼刀 30° Engraving Chamfer End Mill



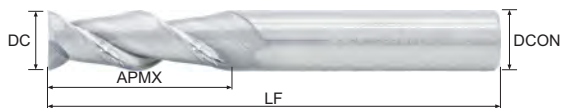
產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
E030-AWC10012L105BD3		0.12	5	3	40	
E030-AWC10012L106B	●	0.12	6	4	40	
E030-AWC10012L108BD5		0.12	8	5	40	
E030-AWC10012L109D6	●	0.12	9	6	50	
E030-AWC10016L105-38D6		0.16	5	6	38	

E030-AWC 1000L1系列切削參數

The Cutting Data For E030-AWC 1000L1 Series

被加工材質 Material: 合金鋼 Alloy Steel, 碳鋼 Carbon Steel, 鋼 Steel, 不鏽鋼 Stainless steel, 鑄鐵 Cast Iron, 鋁合金 Aluminum, 銅 Copper

直徑 (mm) Shank	3	4	5	6
轉速 n (min)	4250	3200	2550	2150
進給速度 Vf (mm/min)	85	70	50	45



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
GMA2060	●	6	18	6	50	
GMA2080	●	8	24	8	60	
GMA2100	●	10	30	10	75	

GMA 2000系列切削參數

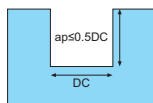
The Cutting Data For GMA 2000 Series

被加工材質
Material鋁合金
Aluminum銅
Copper

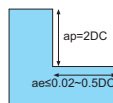
直徑 (mm) Shank		6	8	10
轉速 n (min)		10500	8000	6400
進給速度 (mm/min) Vf	開槽 Slotted	580	450	720
	側邊 Side	920	700	1150

切削深度 Cutting depth

開槽 Slotted



側邊 Side



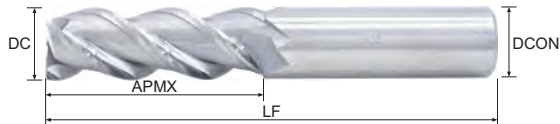
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

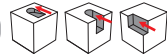
DC : 刃徑 Diameter of cutting

GMA 3000

鋁用 3 刃鎢鋼立銑刀
For Aluminum Alloy 3 Flutes End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
GMA3010	●	1	3	4	50	
GMA3010D6		1	3	6	50	
GMA3015	●	1.5	4.5	4	50	
GMA3020	●	2	6	4	50	
GMA3020D6		2	6	6	50	
GMA3025	●	2.5	7.5	4	50	
GMA3030	●	3	9	4	50	
GMA3030D6	●	3	9	6	50	
GMA3030H	●	3	9	4	100	
GMA3040	●	4	12	4	50	
GMA3040D6	●	4	12	6	50	
GMA3040H	●	4	12	4	100	
GMA3050	●	5	15	6	50	
GMA3050H	●	5	15	6	100	
GMA3060	●	6	18	6	50	
GMA3060H	●	6	18	6	100	
GMA3080	●	8	24	8	60	
NEW GMA3080L135E1	●	8	35	8	75	
GMA3080H	●	8	24	8	100	
GMA3080M	●	8	24	8	150	
GMA3100	●	10	30	10	75	
NEW GMA3100L145H	●	10	45	10	100	
GMA3100M	●	10	30	10	150	
GMA3120	●	12	36	12	75	
GMA3120H	●	12	36	12	100	
GMA3120M	●	12	36	12	150	
GMA3160	●	16	48	16	100	
GMA3200	●	20	50	20	100	
GMA3200L160	●	20	60	20	100	



GMA 3000系列切削參數

The Cutting Data For GMA 3000 Series

被加工材質
Material

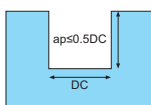
鋁合金
Aluminum

銅
Copper

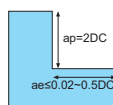
直徑 (mm) Shank		4	6	8	10	12	16	20
轉速 n (min)		15500	10500	8000	6400	5400	3900	3200
進給速度 (mm/min) Vf	開槽 Slotted	800	900	1000	1100	950	950	900
	側邊 Side	1200	1400	1600	1700	1500	1500	1300

切削深度 Cutting depth

開槽 Slotted



側邊 Side

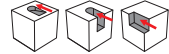
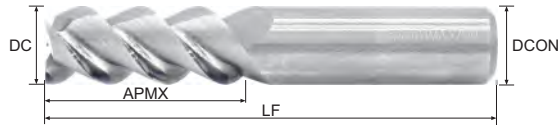


ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

HMA 2000

 鋁用 2 刃鑄鋼立銑刀
For Aluminum Alloy 2 Flutes 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	
HMA2010	●	1	3	4	50	
HMA2015	●	1.5	4.5	4	50	
HMA2020	●	2	6	4	50	
HMA2025	●	2.5	7.5	4	50	
HMA2030	●	3	9	4	50	
HMA2030E1	●	3	9	4	75	
HMA2030H		3	9	4	100	
HMA2040	●	4	12	4	50	
HMA2040E1	●	4	12	4	75	
HMA2040H		4	12	4	100	
HMA2050	●	5	15	6	50	
HMA2050E1	●	5	15	6	75	
HMA2050H	●	5	15	6	100	
HMA2060	●	6	18	6	50	
HMA2060E1	●	6	18	6	75	
HMA2060H	●	6	18	6	100	
HMA2070		7	21	8	60	
HMA2080	●	8	24	8	60	
HMA2080E1		8	24	8	75	
HMA2080H		8	24	8	100	
HMA2080M	●	8	24	8	150	
HMA2090		9	27	10	75	
HMA2095	●	9.5	28.5	10	75	
HMA2100	●	10	30	10	75	
HMA2100H	●	10	30	10	100	
HMA2100M	●	10	30	10	150	
HMA2110		11	33	12	75	
HMA2120	●	12	36	12	75	
HMA2120H	●	12	36	12	100	
HMA2120M	●	12	36	12	150	
HMA2160	●	16	48	16	100	



HMA 2000系列切削參數

The Cutting Data For HMA 2000 Series

被加工材質
Material

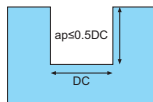
鋁合金
Aluminum

銅
Copper

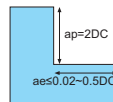
直徑 (mm) Shank		4	6	8	10	12	16	20
轉速 n (min)		15500	10500	8000	6400	5400	3900	3200
進給速度 (mm/min) Vf	開槽 Slotted	800	900	1000	1100	950	950	900
	側邊 Side	1200	1400	1600	1700	1500	1500	1300

切削深度 Cutting depth

開槽 Slotted



側邊 Side



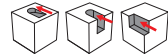
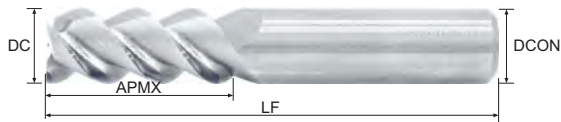
ap : 軸向切削深度 Axial depth of cutting

ae : 徑向切削深度 Radial depth of cutting

DC : 刃徑 Diameter of cutting

HMA 3000

鋁用 3 刃鎢鋼立銑刀
For Aluminum Alloy 3 Flutes End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
HMA3010	●	1	3	4	50	
HMA3015	●	1.5	4.5	4	50	
HMA3020	●	2	6	4	50	
HMA3025	●	2.5	7.5	4	50	
HMA3030	●	3	9	4	50	
HMA3040	●	4	12	4	50	
HMA3050	●	5	15	6	50	
HMA3060	●	6	18	6	50	
HMA3070	●	7	21	8	60	
HMA3080	●	8	24	8	60	
HMA3090	●	9	27	10	75	
HMA3100	●	10	30	10	75	
HMA3110	●	11	33	12	75	
HMA3120	●	12	36	12	75	
HMA3160	●	16	48	16	100	
HMA3200	●	20	50	20	100	
HMA3200L160	●	20	60	20	100	

HMA 3000系列切削參數

The Cutting Data For HMA 3000 Series

被加工材質
Material

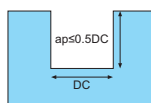
鋁合金
Aluminum

銅
Copper

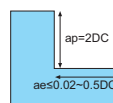
直徑 (mm) Shank	4	6	8	10	12	16	20
轉速 n (min)	15500	10500	8000	6400	5400	3900	3200
進給速度 Vf (mm/min)	開槽 Slotted	800	900	1000	1100	950	900
	側邊 Side	1200	1400	1600	1700	1500	1300

切削深度 Cutting depth

開槽 Slotted



側邊 Side

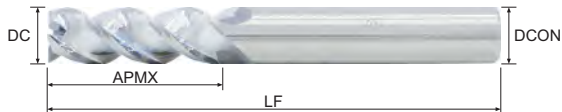


ap : 軸向切削深度 Axial depth of cutting
ae : 徑向切削深度 Radial depth of cutting
DC : 刃徑 Diameter of cutting



MU2-GMA 3000

鋁用 3 刃圓溝 2 離隙鍍鈦立銑刀
For Aluminum Alloy 3 Flutes Rounded Land Double Edge
Carbide End Mill



新規格上市
New Specification Arrival



產品型號 Model No	在庫 Stock	切削直徑 DC	切削長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU2-GMA3040	●	4	12	4	50	
MU2-GMA3040D6	●	4	12	6	50	
MU2-GMA3045L114	●	4.5	14	6	50	
MU2-GMA3050	●	5	15	6	50	
MU2-GMA3060	●	6	18	6	50	
MU2-GMA3080	●	8	24	8	60	
MU2-GMA3080E1	●	8	24	8	75	
MU2-GMA3080H	●	8	24	8	100	
MU2-GMA3080M	●	8	24	8	150	
MU2-GMA3090L124	●	9	24	10	75	
MU2-GMA3095L124	●	9.5	24	10	75	
MU2-GMA3100	●	10	30	10	75	
MU2-GMA3100M	●	10	30	10	150	
MU2-GMA3120	●	12	36	12	75	
MU2-GMA3120H	●	12	36	12	100	
MU2-GMA3120L150H	●	12	50	12	100	
MU2-GMA3120L155H	●	12	55	12	100	
MU2-GMA3120M		12	36	12	150	
MU2-GMA3160	●	16	48	16	100	
MU2-GMA3200	●	20	50	20	100	

MU2-GMA 3000系列切削參數

The Cutting Data For MU2-GMA 3000 Series

被加工材質
Material

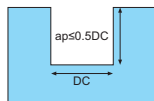
鋁合金
Aluminum

銅
Copper

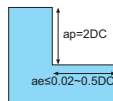
直徑 (mm) Shank	4	6	8	9	10	12	16	20
轉速 n (min)	15500	10500	8000	7000	6400	5400	3900	3200
進給速度 Vf (mm/min)	開槽 Slotted	800	900	1000	1050	1100	950	900
	側邊 Side	1200	1400	1600	1680	1700	1500	1300

切削深度 Cutting depth

開槽 Slotted



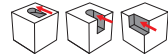
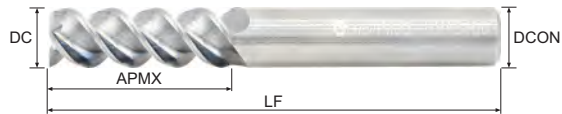
側邊 Side



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

MU2-HMA 3000

鋁用3刃圓溝2離餘鏤鋼立銑刀
For Aluminum Alloy 3 Flutes Rounded Land Double Edge
Carbide End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU2-HMA3040	●	4	12	4	50	
MU2-HMA3050	●	5	15	6	50	
MU2-HMA3060	●	6	18	6	50	
MU2-HMA3070	●	7	21	8	60	
MU2-HMA3080	●	8	24	8	60	
MU2-HMA3090	●	9	27	10	75	
MU2-HMA3100	●	10	30	10	75	
MU2-HMA3120	●	12	36	12	75	
MU2-HMA3160	●	16	48	16	100	

MU2-HMA 3000系列切削參數

The Cutting Data For MU2-HMA 3000 Series

被加工材質
Material

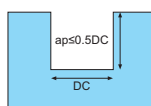
鋁合金
Aluminum

銅
Copper

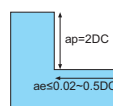
直徑 (mm) Shank	4	6	8	10	12	16
轉速 n (min)	15500	10500	8000	6400	5400	3900
進給速度 Vf (mm/min)	開槽 Slotted	800	900	1000	1100	950
	側邊 Side	1200	1400	1600	1700	1500

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

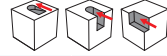
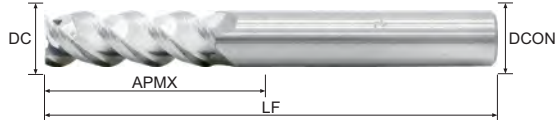
DC : 刃徑 Diameter of cutting



MU3-JMA 3000

鋁用 3 刃圓溝 3 瓣除立銑刀

For Aluminum Alloy 3 Flutes Rounded Land Triple Edge End Mill



產品型號 Model No	在庫 Stock	切削直徑 DC	切刃長度 APMX	柄部直徑 DCON	標準全長 LF	價格 Price
MU3-JMA3040	●	4	12	4	50	
MU3-JMA3050	●	5	15	6	50	
MU3-JMA3050D5	●	5	15	5	50	
MU3-JMA3060	●	6	18	6	50	
MU3-JMA3060E1	●	6	18	6	75	
MU3-JMA3080	●	8	24	8	60	
MU3-JMA3080E1	●	8	24	8	75	
MU3-JMA3100	●	10	30	10	75	
MU3-JMA3100H	●	10	30	10	100	
MU3-JMA3120	●	12	36	12	75	
MU3-JMA3160	●	16	48	16	100	
MU3-JMA3160L170M	●	16	70	16	150	
MU3-JMA3160L180M	●	16	80	16	150	
MU3-JMA3200	●	20	50	20	100	
MU3-JMA3200L1110R	●	20	110	20	200	
MU3-JMA3200L160R	●	20	60	20	200	

MU3-JMA 3000系列切削參數

The Cutting Data For MU3-JMA 3000 Series

被加工材質
Material

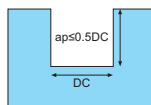
鋁合金
Aluminum

銅
Copper

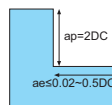
直徑 (mm) Shank	4	5	6	8	10	12	16	20
轉速 n (min)	15500	12800	10500	8000	6400	5400	3900	3200
進給速度 Vf (mm/min)	開槽 Slotted	1600	1600	900	1000	1100	950	900
	側邊 Side	2300	2100	1400	1600	1700	1500	1300

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