

B

鎢鋼端銑刀 Carbide End Mill



◎圓鼻刀系列 Corner Radius Type Series

DMR 2000R00	B94—B95
DMR 2000R00L2	B96
NEW DMR 4000R00	B97—B99
NEW DPR 4000R00	B100
GPR 6000R00	B101
PH-FMR 4000R00	B102
NEW PH-FPR 4000R00	B103—B104
PH-FER 4000R00	B105
NEW PH-FPC 4000C00	B106
NEW SUH-FMR 4000R00-DIN	B107—B108
SUH-FYR 4000R00	B109

◎倒角刀系列 Chamfer Type Series

CC-AMC	B111
CR-AMC	B112
DT-DMC 2000	B113
DC-DMC 2000	B114
DR-DMC 2000	B115
DC-DWC 2000	B116
DR-DWC 2000	B117
DC-DPC 2000	B118
NEW DC-DMM 2000	B119
DR-DMM 2000	B120
NEW DCC-AMC-DIN	B121
NEW DCH-YMC 2000	B122
DCM-EPC 3000	B123

◎外R倒角刀系列 Outer R Chamfer Series

NEW AMI 2000	B123
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◎T型槽刀系列 T-Slot Series

NEW AMT	B124
NEW AMT	B125
NEW AMH	B126

◎雕刻端銑刀系列 Engraving End Mill Series

E180-AWA 1000L1	B127
E030-AWC 1000L1	B128

◎鋁合金專用刀系列 Aluminum Type Series

GMA 2000	B129
NEW GMA 3000	B130—B131
HMA 2000	B132—B133
HMA 3000	B134
NEW MU2-GMA 3000	B135—B136
NEW LU2-GWA 3000	B137
MU2-HMA 3000	B138
MU3-JMA 3000	B139—B140

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 Engraving Blanks Precision Ground		
E090	90°精細刻字 90° Engraving Blanks Precision Ground		
E060	60°精細刻字 60° Engraving Blanks Precision Ground		
E030	30°精細刻字 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 Round Land Unequal Split For Turning And Milling Center		
LU2	圓溝 2 離隙車銑複合 Rounded Land Double Edge For Turning And Milling Center		
SUH	圓溝不等分割高進給 Round Land Unequal Division High Feed		
PA	拋物線弧形加工 Parabolic Arc Machining		
PH	不等分割非圓溝 Unequal Division Non-Round Land		
DT	60°夾角定位 Positioning Angle 60°	DC	90°夾角定位 Positioning Angle 90°
DS	80°夾角定位 Positioning Angle 80°	DR	120°夾角定位 Positioning Angle 120°
DCC	90°夾角倒角 Chamfering 90°		
DCH	90°夾角保護倒角定位		
DCM	90°夾角定位倒角銑削 Position vs Chamfering Machining 90°		
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	RM	粗加工粗銑 Fine Pitch & Roughing
FM	精加工粗銑 Fine Pitch & Finishing Roughing	CFM	複合材料精加工 For Composites Finishing
CM	中加工粗銑 Fine Pitch & Medium Roughing		
V	鳩尾型槽 Dovetail Groove		
VV	雙刃鳩尾型槽 Double-Edge Dovetail Groove		
CB	30°V型鳩尾型槽 V-Type Dovetail Groove 30°	CC	90°V型鳩尾型槽 V-Type Dovetail Groove 90°
CR	60°V型鳩尾型槽 V-Type Dovetail Groove 60°	CE	140°V型鳩尾型槽 V-Type Dovetail Groove 140°
BS	沉頭孔專用 For Countersunk Screws		

2 000 XXX - DIN

6	7	8	9
刀數 Flute	切削直徑 Cutting Diameter	其他 Other	歐洲規格 Specification For Europe Market

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°
Y	12°

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

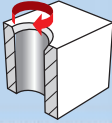
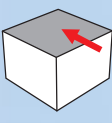
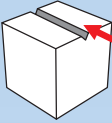
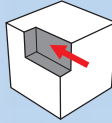
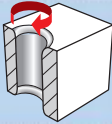
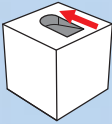
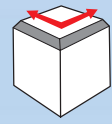
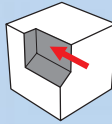
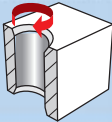
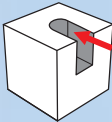
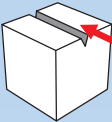
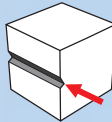
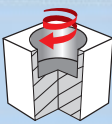
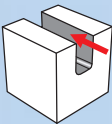
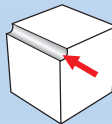
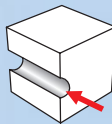
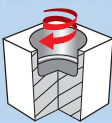
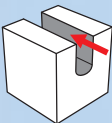
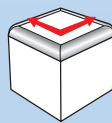
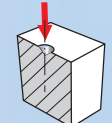
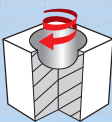
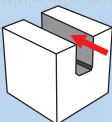
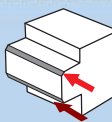
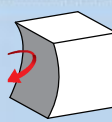
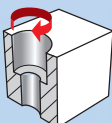
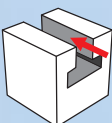
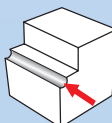
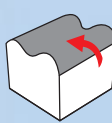
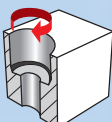
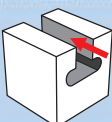
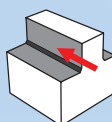
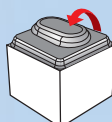
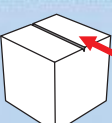
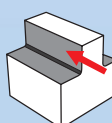
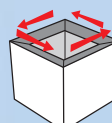
R□□	R角 Radius ex : R02=R0.2mm	特殊全長 (mm)	C:50	D:60	E:75
T□□	錐度角度 Tapered ex : T005=0.5°	Special L.F	H:100	M:150	R:200
C□□	倒角長度 Chamfer Length ex : C02=0.2mm	CW	切削寬度 Cutting Width		
D□□	特殊柄徑 Special Shank Diameter ex : D6=6mm	X□□□□	特殊角度 Special Angle ex : X40.45=鳩尾槽刀刀 角40°，導角45° The angle of dove tail mill is 40°, chamfering is 45°.		
L1	特殊切刃長度 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
	超微粒子超硬合金 Micro Grain Carbide	 AlTiN Coating	AlTiN 鋁鈦氮塗層
		 TiSiN Coating	TiSiN 矽鈦塗層
		 TSY Coating	TSY 塗層
	精度單位 Accuracy	      	材質 Grade
 	含鈷量 Cobalt Content	       	螺旋角度 Helix Angle
 	可被切削材硬度 Hardness Of Workpiece	      	

鎢鋼端銑刀系列加工圖標指南

For Carbide End Mills Series 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
	圓孔倒角 Chamfer Of Rounding Hole		平面銑削 Slab Milling		V角開槽 V Corner Slotcced		側銑 Side Milling
	圓孔外R倒角 Round Hole Outside R Chamfering		斜度坡走銑削 Angular Plunge Grinding		倒角 Chamfer		斜面側銑 Incline Side Milling
	背面V槽 Back Side V Type Groove		全開槽 Full Slot		V型開槽 V Type Slotcced		側面倒角 Side Chamfering
	平面螺旋銑削 Spiral Face Milling		R角開槽 R Corner Slotcced		內R角倒角 Internal R Corner Chamfer		內R開槽 Internal R Slotcced
	R角螺旋銑削 Spiral Radius Corner Milling		R溝槽 R Slot		外R倒角 Outer R Chamfer		定位加工 Position Processing
	圓型螺旋銑削 Spiral Ball Surface Milling		C角開槽 C Corner Slotcced		背面倒角 Back Chamfering		拋物線銑削 Parabolic Milling
	段差平面加工 Step Plane Machining		T型槽銑 T Type Solt		背面內R倒角 Backside Inner R Chamfering		曲面銑削 Surface Milling
	R角段差加工 Step Radius Corner Machining		R角T型槽銑 R Corner T Type Solt		倒角側銑 Chamfer Side Milling		仿型銑削 Profile Milling
			雕刻銑削 Carving Milling		R角側銑 R Corner Side Milling		內倒角 Internal Chamfer

圓溝不等分割 不等螺旋 Round Land Unequal Division Unequal Helix

高進給 粗精銑 High Feed Rough vs Fine

5 刃圓鼻鎢鋼端銑刀 5 Flutes Corner Radius Carbide End Mill

特殊圓鼻設計 可保護刀尖
Special design for
protecting end mill tip



SUH-FMR5000R00L1-DIN系列

特殊刃齒設計

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.

側固平面抗震設計 DIN Specification for Europe Market

Lateral Stabilized Plane Anti-vibration Design

適用材質 Applicable for

鋼 Steel

不鏽鋼 Stainless Steel

鑄鐵 Cast Iron

35°

38°

不等螺旋 Unequal Spiral

B3°

B1°

不等分割
Unequal Division
 $B1° \neq B2° \neq B3°$

B2°

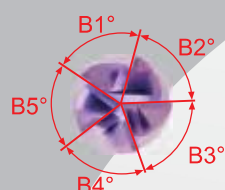
B3°

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°/38°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。

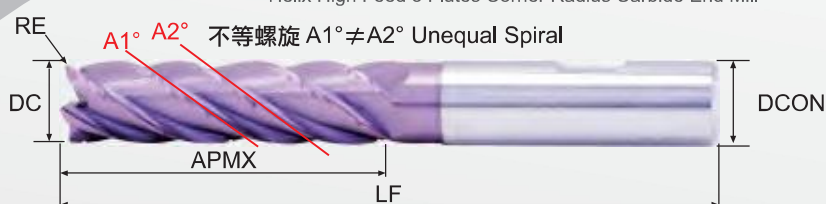
It can adapt to larger cutting depths, enlarge the chip groove design, improve chip removal efficiency, unequal helix 35°/38° design is beneficial to high-speed processing and chip resistance. The unequal division design is beneficial to high-feed machining, improve shock resistance, improve the processing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

SUH-FMR 5000R00L1-DIN

圓溝不等分割不等螺旋高進給
5 刃圓鼻粗精銑鎢鋼端銑刀
Round Land Unequal Division Unequal
Helix High Feed 5 Flutes Corner Radius Carbide End Mill



不等分割
 $B1° \neq B2° \neq B3° \neq B4° \neq B5°$
Unequal Division



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-FMR5060R05L124D-DIN		0.5	6	24	6	5.8	29	60	
NEW SUH-FMR5080R05L132E1-DIN		0.5	8	32	8	7.7	38	75	
NEW SUH-FMR5100R05L140H-DIN		0.5	10	40	10	9.7	47	100	
NEW SUH-FMR5120R05L148H-DIN		0.5	12	48	12	11.6	55	100	
NEW SUH-FMR5160R05L164K-DIN	●	0.5	16	64	16	15.5	73	125	
NEW SUH-FMR5200R05L180M-DIN		0.5	20	80	20	19.5	91	150	

SUH-FMR 5000R00L1-DIN系列切削參數

The Cutting Data For SUH-FMR 5000R00L1-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