

GMM系列 採用螺旋角45°設計
Helix angle of 45° degrees

鎢鋼端銑刀系列 Carbide End Mill Series

全新鎢鋼刀體

獨特刀體結構設計 有效抑制加工震動

提升銑刀加工壽命，加強排屑效率。

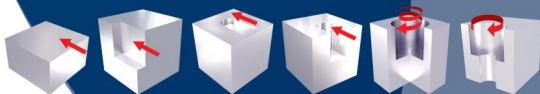
New carbide body, **unique blade structure design**
effectively suppress processing vibration
extends processing life and enhances
chip removal efficiency.

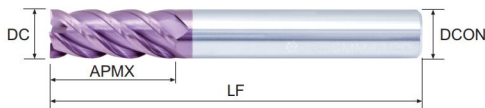


Using ultra-fine particle carbide
AlTiN coating, increases the wear
resistance of the tool and enhance
chip removal efficiency, HRC 50°~55°.

採用超細粒子硬質合金AlTiN塗層
增加刀具耐磨耗性

加強排屑效率，可加工硬度HRC50°~55°



GMM 4000 4 刃鎢鋼端銑刀
4 Flutes Carbide End Mill


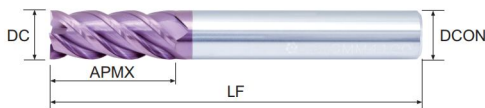
新規格上市
New Specification Arrival


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
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	
GMM4020L106D6	●	2	6	6	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	

※ 請接下頁。 ※ Continued on next page.

GMM 4000 4 刃鎢鋼端銑刀

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
GMM4105	●	10.5	26.25	12	75	
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

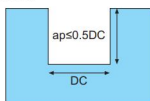
The Cutting Data For GMM 4000 Series

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

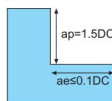
直徑 (mm) Shank		4	6	8	10	12	16	20	25
轉速 n (min)		4800	3100	2300	1900	1600	1200	1060	800
進給速度 (mm/min) Vf	開槽 Slotted	270	240	240	240	240	270	250	230
	側邊 Side	950	650	750	750	550	400	400	320

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