

Standard



K-VMH45 鎢鋼 45° 不銹鋼專用刀

High Helix, Standard, 4 Flute END MILLS

2 Flute

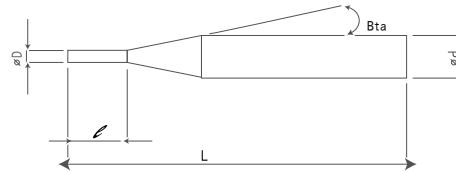
2刃

4 Flute

4刃

3&6 Flute

3&6刃



採用超微粒子合金
Super fine grain alloy is used
for the carbide material .



NANO處理
TiCN coating process
is used .



45° 螺旋角
Helix Angle is 45°



加工材料對照表(◎ 最佳 ○ 可) Applicable Work Material(◎ Most suitable ○ suitable)

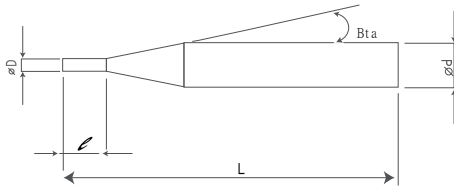
被削材 Work Material										
碳素鋼 CARBON STEELS S45C S55C	合金鋼 ALLOY STEELS SK-SCM SUS	工具鋼 PREHARDENED STEELS (30-45HRC)NAK	高溫合金鋼 HARDENED STEELS			鑄鐵 CASTIRON STEELS	鋁合金 ALUMINIUM ALLOYS	石墨 GRAPHITE	銅合金 COPPER ALLOYS	塑膠 PLASTIC
			(~55HRC)	(~60HRC)	(60~65HRC)					
◎	◎	◎	◎	◎	○	○			○	

單位:Unit(mm)

型號 Model Number	外徑 Diameter	刃長 Length of Cut	全長 Overall Length	柄徑 Shank Diameter	刃數 Flutes
	$\varnothing D$	l	L	$\varnothing d$	
K-VMH45 4010-0300	1	3	50	4	4
K-VMH45 4015-0400	1.5	4	50	4	4
K-VMH45 4020-0600	2	6	50	4	4
K-VMH45 4025-0800	2.5	8	50	4	4
K-VMH45 4030-0800	3	8	50	4	4
K-VMH45 4040-1100	4	11	50	4	4
K-VMH45 4050-1300	5	13	50	6	4
K-VMH45 4060-1600	6	16	50	6	4
K-VMH45 4080-2000	8	20	60	8	4
K-VMH45 4100-3000	10	30	75	10	4
K-VMH45 4120-3200	12	32	75	12	4

K-VMAL 鎢鋼長刃鋁合金鏡面刀

Long, Finished, 3 Flute Alloy END MILLS



採用超微粒子合金
Super fine grain alloy is used
for the carbide material.



刃長 (長)
For long length of cut.



45° 螺旋角
Helix Angle is 45°



Standard

2刃

2 Flute

4刃

4 Flute

3&6刃

3&6 Flute

加工材料對照表(◎最佳 ○可)Applicable Work Material(◎ Most suitable ○ suitable)

被削材 Work Material										
碳素鋼 CARBON STEELS S45C S55C	合金鋼 ALLOY STEELS SK-SCM SUS	工具鋼 PREHARDENED STEELS (30-45HRC)NAK	高溫合金鋼 HARDENED STEELS			鑄鐵 CASTIRON STEELS	鋁合金 ALUMINIUM ALLOYS	石墨 GRAPHITE	銅合金 COPPER ALLOYS	塑膠 PLASTIC
			(~55HRC)	(~60HRC)	(60~65HRC)					
							◎		○	

單位:Unit(mm)

型號 Model Number	外徑 Diameter	刃長 Length of Cut	全長 Overall Length	柄徑 Shank Diameter	刃數 Flutes
	øD	ℓ	L	ød	
K-VMAL 2030-1200	3	12	60	6	3
K-VMAL 2040-1600	4	16	60	6	3
K-VMAL 2050-2000	5	20	60	6	3
K-VMAL 2060-2500	6	25	75	6	3
K-VMAL 2080-3200	8	32	75	8	3
K-VMAL 2100-4500	10	45	100	10	3
K-VMAL 2120-4500	12	45	100	12	3
K-VMAL 2160-6500	16	65	150	16	3
K-VMAL 2200-7500	20	75	150	20	3



Standard



K-VMA 鎢鋼鋁合金鏡面刀

Standard, Finished, 3 Flute Alloy END MILLS

2 Flute

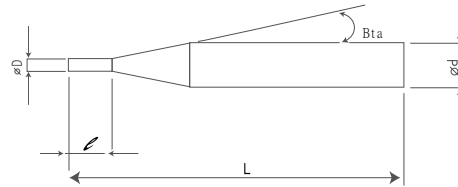
2刃

4 Flute

4刃

3&6 Flute

3&6刃



採用超微粒子合金
Super fine grain alloy is used
for the carbide material.



刃長 (標準長)

For medium length of cut.



45° 螺旋角

Helix Angle is 45°



加工材料對照表(◎最佳 ○可)Applicable Work Material(◎ Most suitable ○ suitable)

被削材 Work Material										
碳素鋼 CARBON STEELS S45C S55C	合金鋼 ALLOY STEELS SK-SCM SUS	工具鋼 PREHARDENED STEELS (30-45HRC)NAK	高溫合金鋼 HARDENED STEELS			鑄鐵 CASTIRON STEELS	鋁合金 ALUMINIUM ALLOYS	石墨 GRAPHITE	銅合金 COPPER ALLOYS	塑膠 PLASTIC
			(~55HRC)	(~60HRC)	(60~65HRC)					
										

單位:Unit(mm)

型號 Model Number	外徑 Diameter	刃長 Length of Cut	全長 Overall Length	柄徑 Shank Diameter	刃數 Flutes
	$\varnothing D$	l	L	$\varnothing d$	
K-VMA 3030-0900	3	9	50	6	3
K-VMA 3040-1200	4	12	50	6	3
K-VMA 3050-1500	5	15	50	6	3
K-VMA 3060-1800	6	18	50	6	3
K-VMA 3080-2000	8	20	60	8	3
K-VMA 3100-2600	10	26	75	10	3
K-VMA 3120-3000	12	32	75	12	3
K-VMA 3160-4500	16	45	100	16	3
K-VMA 3200-4500	20	45	100	20	3

K-RMNC 鎢鋼機械鉸刀

Machine Ramers



採用超微粒子合金
Super fine grain alloy is used
for the carbide material .



刃長(長)
For long length of cut .



Standard

2刃

2 Flute

4刃

4 Flute

3&6刃

3&6 Flute

單位:Unit(mm)

型號 Model Number	外徑 Diameter	刃長 Length of Cut	全長 Overall Length	柄徑 Shank Diameter	刃數 Flutes
	øD	ℓ	L	ød	
K-RMNC 4030	3.0	15	61	3.0	4
K-RMNC 4032	3.2	18	70	3.2	4
K-RMNC 4035	3.5	18	70	3.5	4
K-RMNC 4040	4.0	19	75	4.0	4
K-RMNC 6045	4.5	21	80	4.5	6
K-RMNC 6050	5.0	23	86	5.0	6
K-RMNC 6055	5.5	26	93	5.5	6
K-RMNC 6060	6.0	26	93	6.0	6
K-RMNC 6070	1.0	31	109	7.0	6
K-RMNC 6080	8.0	33	117	8.0	6
K-RMNC 6090	9.0	36	125	9.0	6
K-RMNC 6100	10.0	38	133	10.0	6
K-RMNC 6110	11.0	41	142	11.0	6
K-RMNC 6120	12.0	44	151	12.0	6



Standard



K-PBVM 錫鋼網穴斜度銑刀(加工喇叭網專用)

Standard, 2 Flute Pointed Taper END MILLS (To process the net of trumpet)

2 Flute

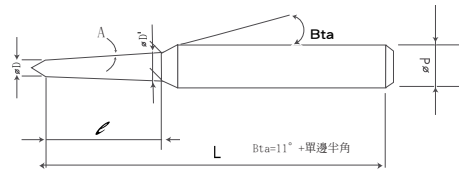
2刃

4 Flute

4刃

3&6 Flute

3&6刃



採用超微粒子合金
Super fine grain alloy is used
for the carbide material.



單邊半角徑公差 ± 5

Half Included Angle Tolerance ± 5 .



加工材料對照表(◎ 最佳 ○ 可) Applicable Work Material(◎ Most suitable ○ suitable)

被削材 Work Material										
碳素鋼 CARBON STEELS S45C S55C	合金鋼 ALLOY STEELS SK-SCM SUS	工具鋼 PREHARDENED STEELS (30-45HRC)NAK	高溫合金鋼 HARDENED STEELS			鑄鐵 CASTIRON STEELS	鋁合金 ALUMINIUM ALLOYS	石墨 GRAPHITE	銅合金 COPPER ALLOYS	塑膠 PLASTIC
			(~55HRC)	(~60HRC)	(60~65HRC)					
										◎

Square

方型

Ball

球型

Corner Radius

角半徑

Taper

錐型

Other

特殊
刀具

單位:Unit(mm)

型號 Model Number	先端徑	刃長	先端角	單角 Shank Taper Angle	粗端徑	柄徑 Shank Diameter	全長
	øD	ℓ	A	Bta	øD1	ød	
K-PBVM 2005-10	0.5	4	45°	5°	1.19	4	40
K-PBVM 2005-14				7°	1.48		
K-PBVM 2005-20				10°	1.90		
K-PBVM 2006-10	0.6	4	45°	5°	1.30	4	40
K-PBVM 2006-14				7°	1.58		
K-PBVM 2006-20				10°	2.00		
K-PBVM 2007-10	0.7	4	45°	5°	1.40	4	40
K-PBVM 2007-14				7°	1.68		
K-PBVM 2007-20				10°	2.10		
K-PBVM 2008-10	0.8	4	45°	5°	1.50	4	40
K-PBVM 2008-14				7°	1.78		
K-PBVM 2008-20				10°	2.20		
K-PBVM 2009-10	0.9	4	45°	5°	1.60	4	40
K-PBVM 2009-14				7°	1.88		
K-PBVM 2009-20				10°	2.30		
K-PBVM 2010-10	1	4	45°	5°	1.70	4	40
K-PBVM 2010-14				7°	1.98		
K-PBVM 2010-20				10°	2.40		
K-PBVM 2011-6	1.1	4	45°	3°	1.52	4	40
K-PBVM 2011-10				5°	1.80		
K-PBVM 2011-14				7°	2.08		
K-PBVM 2011-20				10°	2.52		
K-PBVM 2012-6	1.2	4	45°	3°	1.62	4	40
K-PBVM 2012-10				5°	1.90		
K-PBVM 2012-14				7°	2.18		
K-PBVM 2012-20				10°	2.60		
K-PBVM 2013-6	1.3	4	45°	3°	1.72	4	40
K-PBVM 2013-10				5°	2.00		
K-PBVM 2013-14				7°	2.28		
K-PBVM 2013-20				10°	2.70		
K-PBVM 2014-6	1.4	4	45°	3°	1.82	4	40
K-PBVM 2014-10				5°	2.10		
K-PBVM 2014-14				7°	2.38		
K-PBVM 2014-20				10°	2.80		
K-PBVM 2015-6	1.5	4	45°	3°	1.92	4	40
K-PBVM 2015-10				5°	2.20		
K-PBVM 2015-14				7°	2.48		
K-PBVM 2015-20				10°	2.90		
K-PBVM 2016-6	1.6	4	45°	3°	2.02	4	40
K-PBVM 2016-10				5°	2.30		
K-PBVM 2016-14				7°	2.58		
K-PBVM 2016-20				10°	3.00		
K-PBVM 2017-6	1.7	4	45°	3°	2.12	4	40
K-PBVM 2017-10				5°	2.40		
K-PBVM 2017-14				7°	2.68		
K-PBVM 2017-20				10°	3.10		
K-PBVM 2018-6	1.8	4	45°	3°	2.22	4	40
K-PBVM 2018-10				5°	2.50		
K-PBVM 2018-14				7°	2.78		
K-PBVM 2018-20				10°	3.20		



Standard

2刃

2 Flute

4刃

4 Flute

3&6刃

3&6 Flute



方型



球型



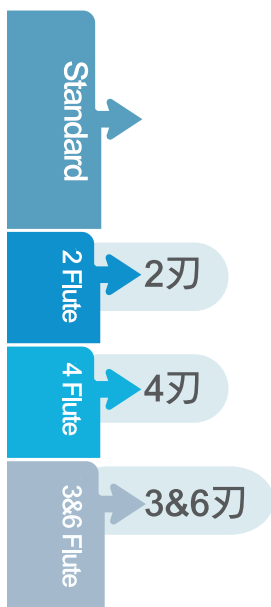
角半徑



錐型



特殊
刀具



發行人:冠紘切削工具股份有限公司
kuan Hung Cutting Tools Co.,Ltd.

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