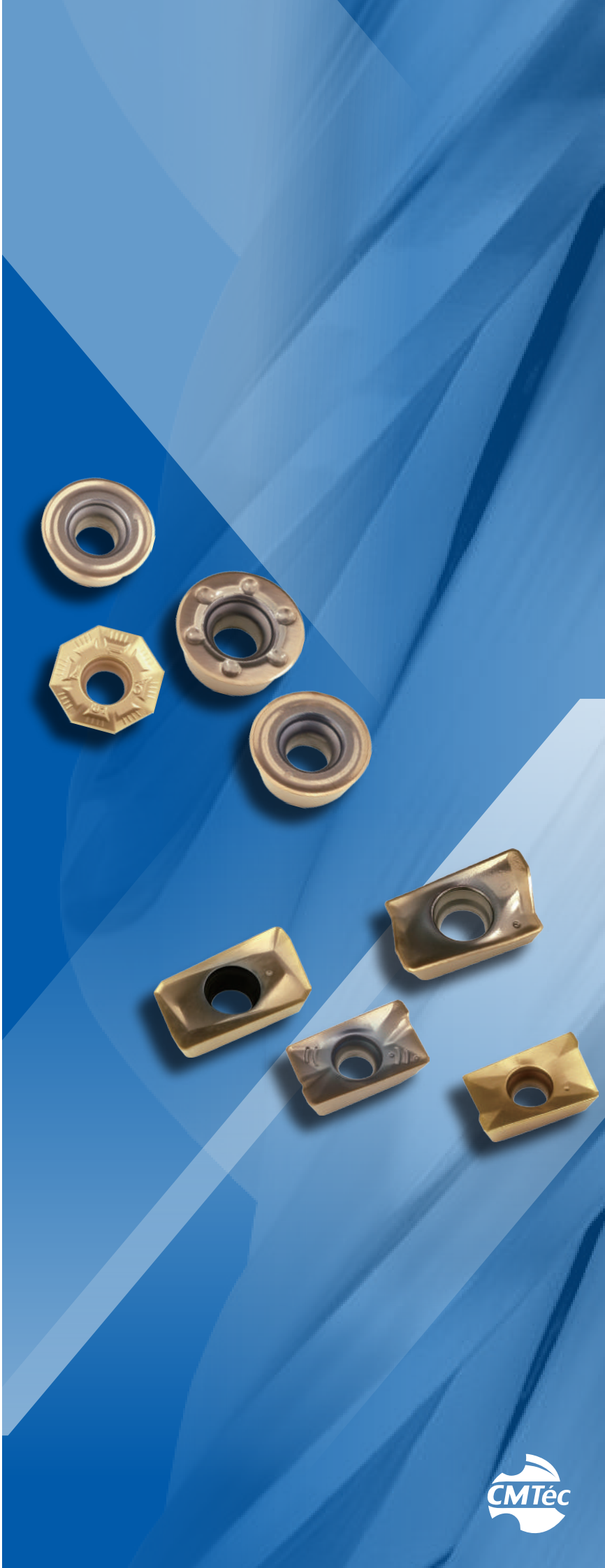
銑削刀片系列

Milling Inserts Series

合金鋼	調質鋼≦55HRC
不銹鋼	鋁合金 / 銅合金
鈦合金	鑄鐵

For alloy steel, hardened steel (≦55HRC), stainless stee, lcast iron, aluminum alloy and high-temp alloy machining.



產品選擇表
Product Selection Table

高進給加工【高效型】High Feed Milling- Performance

刀片可雙面使用 Double-Sided Inserts

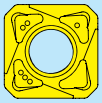
LNMX P.233	LOGX P.233	LOMX P.233	BNMX P.233
WNMX P.233~234			

刀片單面使用 Single-Sided Inserts

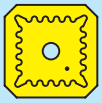
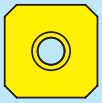
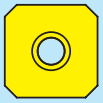
LPGX NEW P.234	ISR P.234	JDMW P.234	JDMT P.235
SDMT P.235	SDNW P.235	WPMW P.235	WP26 P.244

面銑加工 Face Milling

刀片可雙面使用 Double-Sided Inserts

HNMX P.235	ONMX P.236	SNMX  P.236

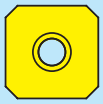
刀片單面使用 Single-Sided Inserts

OFMT P.236	SEMR  P.236	SEKT  P.236	SEKW  P.237

產品選擇表
Product Selection Table

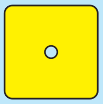
面銑加工 Face Milling

刀片單面使用
Single-Sided
Inserts


SEET P.237

SEMT P.237

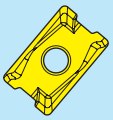
SEET P.238


SPMN P.238

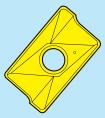
面銑加工、側銑加工 Face Milling & Side Milling

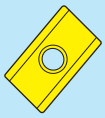
刀片可雙面使用
Double-Sided
Inserts

XNMX P.238


ANMX NEW P.239

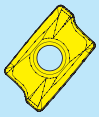
刀片單面使用
Single-Sided
Inserts


APKT P.239


APET P.239~240

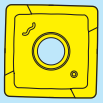
APMT P.240

APGT P.240~241

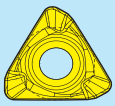

AXMT P.241

CPMT P.241

JDMT P.241


W490 P.241

TPKR P.241~242


TPMX P.242

W390 P.242

ANRT P.242

ADMT P.243

產品選擇表
Product Selection Table

仿形加工 Profile Milling

高精度型
Profile Milling-
High Precision

刀片單面使用
Single-Sided
Inserts

CMP

P.244

粗加工應用
Profile Milling-
Roughing

刀片單面使用
Single-Sided
Inserts

WP26

P.244

仿形加工、面銑加工 Profile Milling & Face Milling

刀片單面使用
Single-Sided
Inserts

WPBC

NEW

P.244

RDKW / RDMT

P.245~247

RDMX / RDMW

P.245~247

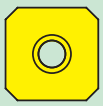
RPMT / RPMW

P.248~249

鋁合金專用 - 鎢鋼銑刀片 Carbide Milling Inserts For Aluminum Alloy

刀片單面使用
Single-Sided
Inserts

SEET

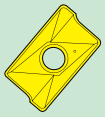


P.237

SEET

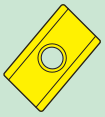
P.238

APKT



P.239

APET

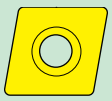


P.239

APGT

P.240

CCGT



P.440

DCGT

P.442

產品選擇表
Product Selection Table

銑刀片 ISO 編碼規範
ISO Designation For Milling Inserts
P.230~232

銑刀片斷屑槽
Milling Chip Breaker Design
P.231

銑刀片材質碼
Milling Insert Grades
P.232

銑刀桿
Milling Toolholders
P.254

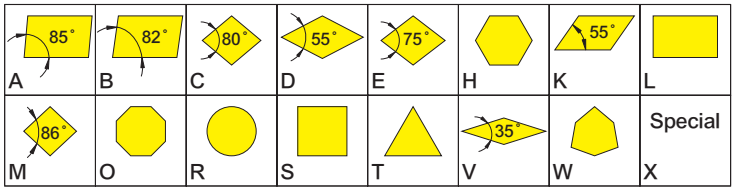
銑刀片斷屑槽幾何對照表
Milling Insert Chip Breaker Comparison Table
P.250

銑刀片材質碼對照表
Milling Insert Grade Comparison Table
P.251~252

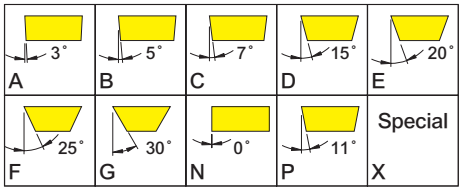
銑刀片 ISO 編碼規範
ISO Designation For Milling Inserts

A	P	M	T		16	04	08	P	D	E	R
1	2	3	4		5	6	7	8	9	10	11

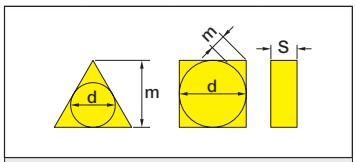
1 刀片形狀 Insert Shape



2 刀片離隙角 Clearance Angle



3 刀片公差 Tolerances Class

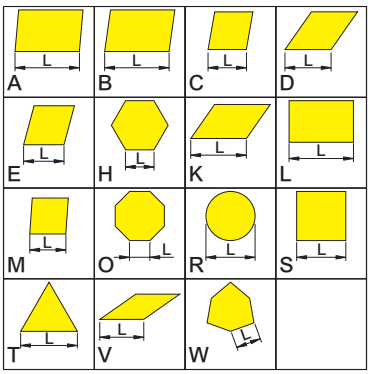


Range of Tolerance			
代號	m±	d±	S±
A	0.005	0.025	0.025
F	0.005	0.013	0.025
C	0.013	0.025	0.025
H	0.013	0.013	0.025
E	0.025	0.025	0.025
G	0.025	0.025	0.130
J	0.005	0.05~0.15	0.025
K	0.013	0.05~0.15	0.025
L	0.025	0.05~0.15	0.025
M	0.08~0.18	0.05~0.15	0.130
N	0.08~0.18	0.05~0.15	0.025
U	0.13~0.38	0.08~0.25	0.130

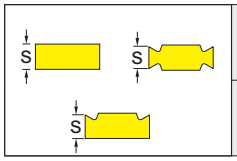
4 刀片溝孔 Chipbreaker and Hole

代號 Code	孔 Hole	斷屑槽 Chip Breaker Design	溝孔形狀 Hole Type	
N	無孔	無		
R		單面		
F		雙面		
A	有孔	無		
M		單面		
G		雙面		
W	有孔單面 40~60°	無		
T		單面		
Q	有孔雙面 40~60°	無		
U		雙面		
B	有孔單面 70~90°	無		
H		單面		
C	有孔雙面 70~90°	無		
J		雙面		
X	特殊溝孔 Special Shape			

5 刀片邊長 Insert Length

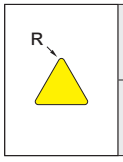


6 刀片厚度 Insert Thickness



代號 Code	01	T1	02	T2	03	T3	04	05	06	07	08
S (mm)	1.59	1.98	2.38	2.78	3.18	3.97	4.76	5.56	6.35	7.94	9.52

7 刀尖 R 角 Corner Radius

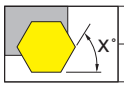


代號 Code	00	01	015	018	02	035	04	08	10	12	16	24	MO
R (mm)	尖刃	0.1	0.15	0.18	0.2	0.35	0.4	0.8	1.0	1.2	1.6	2.4	圓形 Round

銑刀片 ISO 編碼規範
ISO Designation For Milling Inserts

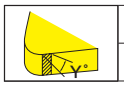
—	RG	—	CM6032
	12		13

8 主偏角 Entering Angle



A	D	E	F	H	P	X			
45°	60°	75°	85°	87°	90°	特殊			

9 修光刃 Wiper Angle

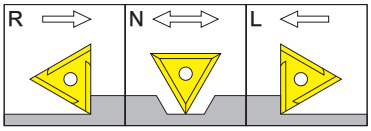


A	B	C	D	E	F	G	N	P	X
3°	5°	7°	15°	20°	25°	30°	0°	11°	特殊

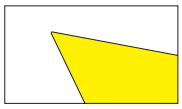
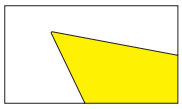
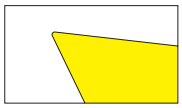
10 刀口種類 Cutting Edge

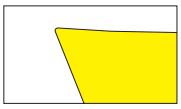
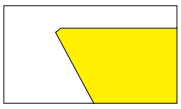
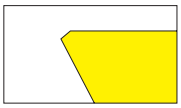
F	E	T	S
尖角 Sharp	圓角 Rounded	倒角 Chamfer	倒角 + 圓角 Chamfer+Rounded

11 切削方向 Cutting Direction



12 銑刀片斷屑槽 Chip Breaker Design

斷屑槽 Chip Breaker		應 用 Application
AL	 適合鋁合金加工 For Aluminum	・鋒利的大正前角刀口設計，適合非鐵系金屬加工之應用。 Large positive rake angle with sharp cutting edge for Non-ferrous metal.
FG	 精加工 Finishing	・鋒利的大正前角刀口設計，適合鋼材精加工之應用。 Large positive rake angle with sharp cutting edge for finishing cutting in steel.
SM SG	 半精加工 Semi Finishing	・鋒利的刀口設計，適合鋼材、不銹鋼和難切削材質的半精加工之應用。 Sharp geometry design for semi finishing cutting in steel, stainless and difficult-to-cut material.

斷屑槽 Chip Breaker		應 用 Application
MM MG	 中加工 Medium	・低切削阻力的刀口設計，適合鋼材、不銹鋼和鑄鐵的中加工之應用。 Low cutting force for medium cutting in steel, stainless and cast iron.
RG	 粗加工 Roughing	・高剛性的刀口設計，適合鋼材、合金鋼和調質鋼的粗加工之應用。 Strong geometry design for rough cutting in steel, alloy steel and hardened steel.
HG	 重粗加工 Heavy Roughing	・強力的刀口設計，適合鑄件和鍛造件的重粗加工之應用。 Strong negative and big chamfering cutting edge for roughing forging and cast skin.

銑刀片 ISO 編碼規範
ISO Designation For Milling Inserts

13 銑刀片材質碼 Milling Insert Grades

材質碼 Grade Type		塗層種類 Coating Type	特色 Features	加工特性 Application	加工材質 Work Material P	M	K	N	S	H	產業應用範圍 Industry Area
CM10 (銀白色)		無塗層 Uncoated	· 耐磨性。 Wear resistance.	· 適合精，中加工。 Finishing and medium cutting. · 適合鋁合金加工。 For aluminum alloy.	—	—	—	◎	—	—	· 自行車零件。 Bike parts. · 汽車零件。 Auto parts. · 電子零件。 Electronic.
CM6213 (金色)	↑ 硬 Hard	PVD (物理)	· 高耐磨性。 High wear resistance. · 高硬度。 High hardness.	· 適合連續加工。 Continuous cutting. · 適合超精加工。 Fine finishing cutting.	○	○	○	—	○	◎	· 硬質零件。 Hardened parts.
CM6223 (金色)		PVD (物理)	· 耐磨性。 Wear resistance.	· 適合連續加工。 Continuous cutting. · 適合精加工。 Finishing cutting. · 加工高硬調質鋼第一推薦。 For hardened steel is 1st recommended.	○	○	○	—	○	◎	· 模具產業。 Mold & die. · 硬質零件。 Hardened parts.
CM6233 高階版 (金色) CM6032 經濟版 (金色)	泛用 General	PVD (物理)	· 耐磨性。 Wear resistance. · 耐腐蝕性。 Anti-corrosion.	· 適合一般加工。 General cutting. · 適合中加工，粗加工。 Medium and roughing cutting. · 加工碳素鋼，合金鋼第一推薦。 For carbon steel and alloy steel is 1st recommended.	◎	◎	◎	—	◎	◎	· 模具產業。 Mold & die. · 汽車零件。 Auto parts. · 機械零件。 Machinery parts. · 航太零件。 Aircraft parts.
CM6337 (黑金色)		CVD (化學)	· 耐磨性。 Wear resistance. · 耐衝擊性。 Impact resistance.	· 適合一般加工。 General cutting. · 適合中加工，粗加工。 Medium and roughing cutting. · 加工鑄鐵第一推薦。 For cast iron is 1st recommended.	○	○	◎	—	○	○	· 汽車零件。 Auto parts. · 機械零件。 Machinery parts.
CM6243 (金色)	韌 Soft	PVD (物理)	· 耐衝擊性。 Impact resistance. · 耐腐蝕性。 Anti-corrosion.	· 適合斷續加工。 Interrupted cutting. · 適合中加工，粗加工。 Medium and roughing cutting. · 加工不銹鋼第一推薦。 For stainless steel is 1st recommended.	◎	◎	◎	—	◎	—	· 電子零件。 Electronics. · 醫療產業。 Medical. · 航太零件。 Aircraft parts.
CM6347 (黑金色)	↓	CVD (化學)	· 高耐衝擊性。 High impact resistance. · 高韌性。 High toughness.	· 適合斷續加工。 Interrupted cutting. · 適合粗加工。 Roughing cutting. · 適合合金鋼，高溫合金加工。 For alloy steel and high temperature alloy.	◎	◎	○	—	◎	○	· 機械零件。 Machinery parts. · 航太零件。 Aircraft parts. · 能源產業。 Energy.

◎：第一推薦 First Recommend　○：第二推薦 Second Recommend　—：不推薦 NO Recommend

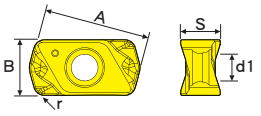
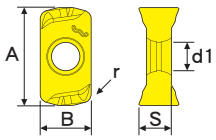
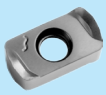
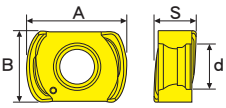
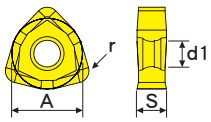
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels		○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron		◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—	—		—	—	—	—
S	高溫合金 High-Temp Alloys		○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels		○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於高進給面銑加工、仿形加工【刀片可雙面使用】。 High Feed Face Milling & Profile Milling【Double-Sided Inserts】.																
T	LNMX0303-SG					●	●	●	●	11.59	6.00	4.29	—	2.85		259 260 261
F S M R																
T	LNMX0303-MG					●	●	●	●	11.59	6.00	4.29	—	2.85		
F S M R																
K	LOGX030310-SG						●	●	●	11.9	6.20	3.96	—	3.45		262 263 264
F S M R																
 K	LOGX030310-MG						●	●	●	11.9	6.20	3.96	—	3.45		
F S M R																
T	BNMX0603-SG					●	●	●	●	9.00	6.38	3.75	—	3.20		265 266 267
F S M R																
T	BNMX0603-MG		●	●		●	●	●	●	9.00	6.38	3.75	—	3.20		
F S M R																
T	BNMX0603-RG		●	●		●	●	●	●	9.00	6.38	3.75	—	3.20		
F S M R																
T	BNMX0904-MG		●	●		●	●	●	●	11.9	9.18	4.80	—	4.20		
F S M R																
K	WNMX09T316-MG		●			●	●	●	●	9.52	—	3.97	1.6	3.60		268 269
F S M R																
K	WNMX09T316-RG		●			●	●	●	●	9.52	—	3.97	1.6	3.60		
F S M R																

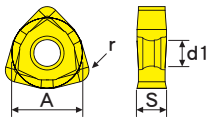
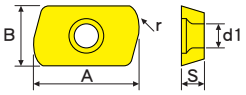
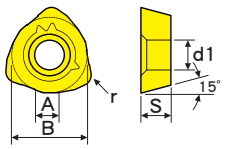
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels		○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron		◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—	—		—	—	—	—
S	高溫合金 High-Temp Alloys		○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels		○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於高進給面銑加工、仿形加工【刀片可雙面使用】。 High Feed Face Milling & Profile Milling【Double-Sided Inserts】.																
S	WNMX130516-MG		●	●		●	●	●	●	12.7	—	6.02	1.60	4.70		269
F S M R																
應用於高進給面銑加工、仿形加工【刀片單面使用】。 High Feed Face Milling & Profile Milling【Single-Sided Inserts】.																
K NEW	LPGX0102-SG							●	●	6.26	4.19	2.19	1.00	2.20		270
F S M R																
K NEW	LPGX0102-MG							●	●	6.26	4.19	2.19	1.00	2.20		
F S M R																
S	ISR145						●	●	●	12.0	7.0	3.00	1.45	3.40		—
F S M R																
S	ISR145-F						●	●	●	12.0	7.0	3.00	1.45	3.40		
F S M R																
M	JDMW120420ZDSR-MG					●	●	●	●	2.5	12.0	4.76	2.00	4.75		271
F S M R																
M	JDMW120420ZDSR-RG		●			●	●	●	●	2.5	12.0	4.76	2.00	4.75		
F S M R																
M	JDMW140520ZDSR-MG						●	●		2.8	14.0	5.56	2.00	5.75		
F S M R																
M	JDMW140520ZDSR-RG		●				●	●		2.8	14.0	5.56	2.00	5.75		
F S M R																

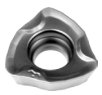
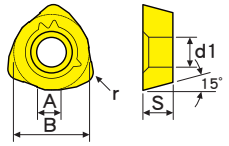
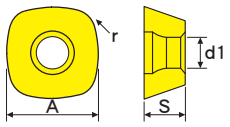
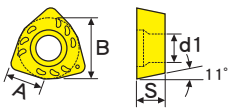
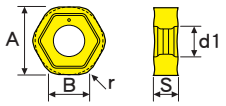
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels		○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron		◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—	—		—	—	—	—
S	高溫合金 High-Temp Alloys		○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels		○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於高進給面銑加工、仿形加工【刀片單面使用】。 High Feed Face Milling & Profile Milling【Single-Sided Inserts】.																
 M	JDMT140520ZDSR-MG						●	●	●	2.8	14.0	5.56	2.00	5.75		271
F S M R																
H	SDMT1205ZDSN-MG					●	●	●	●	12.7	—	5.56	15.0	4.60		272
F S M R																
H	SDMT1205ZDTN-MG					●	●	●	●	12.7	—	5.56	15.0	4.6		
F S M R																
H	SDMT1205ZDTN-RG					●	●	●	●	12.7	—	5.56	15.0	4.6		
F S M R																
H	SDNW1205ZDSN-MG						●	●		12.7	—	5.56	15.0	4.6		
F S M R																
H	SDNW1205ZDTN-RG		●			●	●	●	●	12.7	—	5.56	15.0	4.6		
F S M R																
T	WPMW080615ZPSR-MG						●	●		8.0	12.87	6.35	1.5	5.5		—
F S M R																
T	WPMW080615ZPSR-RG		●				●	●		8.0	12.87	6.35	1.5	5.5		
F S M R																
應用於面銑加工【刀片可雙面使用】。 Face Milling【Double-Sided Inserts】.																
W	HNMX0704-SG			●			●	●	●	12.7	6.8	4.45	1.2	4.9		273
F S M R																

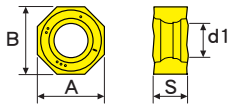
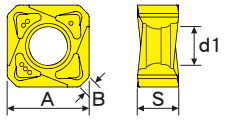
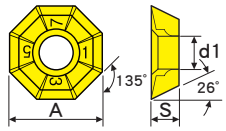
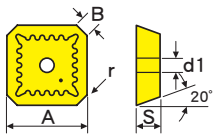
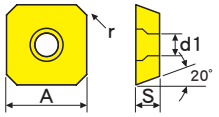
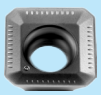
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels		○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron		◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—	—		—	—	—	—
S	高溫合金 High-Temp Alloys		○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels		○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑加工【刀片可雙面使用】。 Face Milling【Double-Sided Inserts】.																
W	ONMX0505-RG		●			●	●	●	●	12.7	12.7	6.40	—	6.0		275
F S M R																
W	SNMX1205-MG		●	●		●	●	●	●	12.7	1.50	6.40	—	6.0		274 275
F S M R																
W	SNMX1205-RG		●	●		●	●	●	●	12.7	1.50	6.40	—	6.0		
F S M R																
應用於面銑加工【刀片單面使用】。 Face Milling【Single-Sided Inserts】.																
T	OFMT05T3TN-SG						●	●		12.7	—	3.80	0.6	4.6		276
F S M R																
T	OFMT05T3TN-MG						●	●		12.7	—	3.80	0.6	4.6		
F S M R																
T	OFMT05T3TN-RG						●	●	●	12.7	—	3.80	0.6	4.6		
F S M R																
T	SEMR1203AFSN-RG						●	●		12.7	1.60	3.18	1.0	2.0		—
F S M R																
K	SEKT1204AFEN-MG						●	●		12.7	—	4.76	0.8	5.5		277
F S M R																
 K	SEKT1204AFTN-RG						●	●	●	12.7	—	4.76	0.8	5.5		
F S M R																

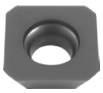
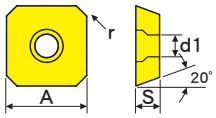
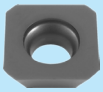
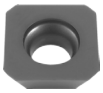
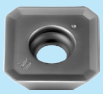
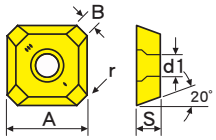
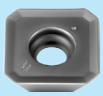
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels	—	○			○	◎	◎	◎
M	不銹鋼 Stainless Steels	—	○			○	◎	◎	◎
K	鑄鐵 Cast Iron	—	◎			○	◎	◎	◎
N	鋁合金 Aluminum Alloys	◎	—			—	—	—	—
S	高溫合金 High-Temp Alloys	—	○			○	◎	◎	◎
H	調質鋼 Hardened Steels	—	○			◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑加工【刀片單面使用】。 Face Milling【Single-Sided Inserts】.																
 K F S M R	SEKW1204AFEN						●	●	●	12.7	—	4.76	0.8	5.5		277
 K F S M R	SEKW1204AFSN-F						●	●		12.7	—	4.76	0.8	5.5		
 K F S M R	SEKW1204AFTN		●				●	●		12.7	—	4.76	0.8	5.5		
K F S M R	SEET1204AFFN-AL	●								12.7	—	4.76	0.8	5.5		
K F S M R	SEET1204AFFN-FG					●				12.7	—	4.76	0.8	5.5		
 M F S M R	SEMT13T3AGEN-MG					●	●	●	●	13.4	1.9	3.97	1.5	4.2		278
M F S M R	SEMT13T3AGSN-MG						●	●	●	13.4	1.9	3.97	1.5	4.2		
 M F S M R	SEMT13T3AGEN-MG						●	●	●	13.4	1.9	3.97	1.5	4.2		
M F S M R	SEMT13T3AGTN-MG					●	●	●	●	13.4	1.9	3.97	1.5	4.2		

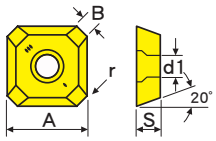
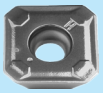
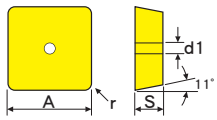
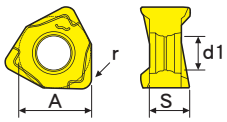
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels	—	○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels	—	○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron	—	◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys	◎	—	—		—	—	—	—
S	高溫合金 High-Temp Alloys	—	○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels	—	○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑加工【刀片單面使用】。 Face Milling【Single-Sided Inserts】.																
M	SEMT13T3AGTN-RG						●	●	●	13.4	1.9	3.97	1.5	4.2		278
F S M R																
 M	SEMT13T3AGTN-HG						●	●	●	13.4	1.9	3.97	1.5	4.2		
F S M R																
M	SEET13T3AGFN-AL	●								13.4	1.9	3.97	1.5	4.2		
F S M R																
M	SEET13T3AGFN-FG					●				13.4	1.9	3.97	1.5	4.2		
F S M R																
	SPMN120308						●			12.7	—	3.18	0.8	2.00		279
F S M R																
應用於面銑、側銑加工【刀片可雙面使用】。 Face Milling & Side Milling【Double-Sided Inserts】.																
S	XNMX040304-SG					●	●	●		6.7	—	3.28	0.4	3.15		280 281 282
F S M R																
S	XNMX040304-MG					●	●	●		6.7	—	3.28	0.4	3.15		
	XNMX040308-MG					●	●	●	●	6.7	—	3.28	0.8	3.15		
F S M R																
S	XNMX080608-MG		●	●		●	●	●	●	12.53	—	6.50	0.8	4.50		282
F S M R																
S	XNMX080608-RG		●	●			●	●	●	12.53	—	6.50	0.8	4.50		
F S M R																

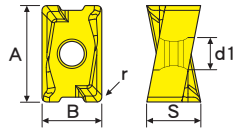
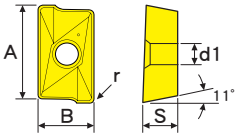
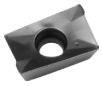
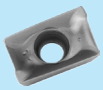
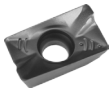
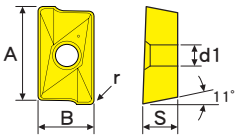
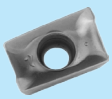
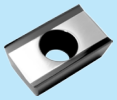
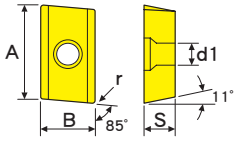
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels	—	○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels	—	○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron	—	◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys	◎	—	—		—	—	—	—
S	高溫合金 High-Temp Alloys	—	○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels	—	○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑、側銑加工【刀片可雙面使用】。 Face Milling & Side Milling【Double-Sided Inserts】.																
W NEW	ANMX15T608-MG		●	●			●	●	●	16.1	10	6.88	0.8	4.65		283
F S M R																
應用於面銑、側銑加工【刀片單面使用】。 Face Milling & Side Milling【Single-Sided Inserts】.																
I	APKT100304PDER-AL	●								10.5	6.7	3.50	0.4	2.80		284
F S M R																
I	APKT100304PDER-SG					●				10.5	6.7	3.50	0.4	2.80		
F S M R																
 I	APKT100304PDER-MG					●	●	●	●	10.5	6.7	3.50	0.4	2.80		
	APKT100308PDER-MG					●	●	●	●	10.5	6.7	3.50	0.8	2.80		
F S M R																
 I	APKT100304PDER-RG						●	●		10.5	6.7	3.50	0.4	2.80		
F S M R																
 T	APKT160408PDER-MG					●	●	●	●	16.3	9.52	5.25	0.8	4.5		285
F S M R																
 I	APKT160408PDER-RG					●	●	●	●	16.3	9.52	5.25	0.8	4.5		
F S M R																
I	APKT170516PEER-RG					●	●	●	●	18.5	10.7	5.56	1.6	4.5		
F S M R																
 I	APET160402PDFR-AL	●								16.3	9.52	5.25	0.2	4.5		285
	APET160404PDFR-AL	●								16.3	9.52	5.25	0.4	4.5		
F S M R																

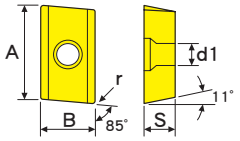
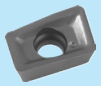
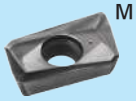
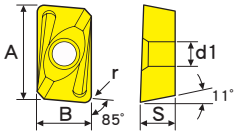
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels	—		◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels	—		◎		○	◎	◎	◎
K	鑄鐵 Cast Iron	—		○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys	◎		—		—	—	—	—
S	高溫合金 High-Temp Alloys	—		◎		○	◎	◎	◎
H	調質鋼 Hardened Steels	—		○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑、側銑加工【刀片單面使用】。 Face Milling & Side Milling【Single-Sided Inserts】.																
I	APET160402PDFR-FG					●				16.3	9.52	5.25	0.2	4.5		285
	APET160404PDFR-FG					●				16.3	9.52	5.25	0.4	4.5		
F S M R																
 S	APMT103508PDER-RG					●	●	●	●	10.64	6.50	3.50	0.8	3.0		286
F S M R																
M	APMT113508PDER-MG					●	●	●	●	11.0	6.35	3.50	0.8	2.8		287 288 290 292
	APMT113516PDER-MG					●	●	●	●	11.0	6.35	3.50	1.6	2.8		
F S M R																
M	APMT113508PDER-RG					●	●	●	●	11.0	6.35	3.50	0.8	2.8		
F S M R																
M	APMT113508PDER-HG					●	●	●	●	11.0	6.35	3.50	0.8	2.8		
F S M R																
 M	APMT160408PDER-MG			●		●	●	●	●	16.5	9.52	4.76	0.8	4.4		289 291 293
	APMT160416PDER-MG						●	●	●	16.5	9.52	4.76	1.6	4.4		
F S M R																
M	APMT160408PDER-RG					●	●	●	●	16.5	9.52	4.76	0.8	4.4		
	APMT160508PDER-RG						●	●		16.0	9.52	5.56	0.8	4.4		
F S M R																
M	APMT160408PDER-HG					●	●	●	●	16.5	9.52	4.76	0.8	4.4		
F S M R																
M	APGT160408PDER-AL	●								16.5	9.52	4.76	0.8	4.4		
F S M R																

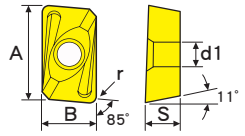
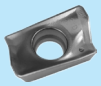
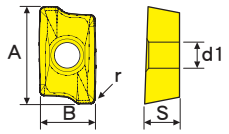
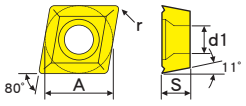
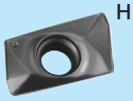
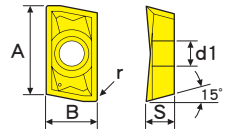
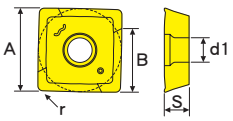
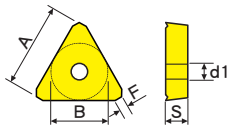
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels		○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron		◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—	—		—	—	—	—
S	高溫合金 High-Temp Alloys		○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels		○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑、側銑加工【刀片單面使用】。 Face Milling & Side Milling【Single-Sided Inserts】.																
M	APGT160408PDER-FG					●				16.5	9.52	4.76	0.8	4.4		289 291 293
F S M R																
 S	AXMT123508PEER-RG		●			●	●	●	●	12.18	6.93	3.58	0.8	3.4		294
F S M R																
S	AXMT170508PEER-RG		●			●	●	●	●	17.5	10.2	5.56	0.8	4.6		295
	AXMT170516PEER-RG		●				●	●	●	17.5	10.2	5.56	1.6	4.6		296 297
F S M R																
H	CPMT090308-MG						●			9.52	—	3.18	0.8	4.4		—
F S M R																
H	CPMT120408-MG						●			12.7	—	4.76	0.8	5.5		—
F S M R																
 H	JDMT150508R-MG						●	●	●	15.1	9.12	5.00	0.8	4.5		298
F S M R																
S	SOMT08T308-SG					●	●	●	●	8.5	5.6	3.30	0.8	2.8		299
	SOMT140408-SG						●	●	●	13.8	10.3	3.90	0.8	4.1		
F S M R																
S	SOMT140408-MG		●	●			●	●	●	13.8	10.3	3.90	0.8	4.1		
F S M R																
I	TPKR1603PPR-MG						●	●		16.5	9.52	3.10	—	2.20		—
F S M R																

鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels		○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron		◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—	—		—	—	—	—
S	高溫合金 High-Temp Alloys		○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels		○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑、側銑加工【刀片單面使用】。 Face Milling & Side Milling【Single-Sided Inserts】.																
I	TPKR1603PPR-RG						●	●	●	16.5	9.52	3.10	—	2.20		—
F S M R																
T	TPMX100404-SG						●	●		6.90	—	4.00	0.4	3.00		300 301 302
	TPMX100408-SG						●	●		6.90	—	4.00	0.8	3.00		
F S M R																
T	TPMX100408-MG					●	●	●	●	6.90	—	4.00	0.8	3.00		
F S M R																
T	TPMX150508-MG					●	●	●	●	10.7	—	5.00	0.8	4.85		300 302
F S M R																
S	W39011T308-SG					●	●	●	●	11.0	6.90	3.59	0.8	2.80		303
F S M R																
S	W39011T308-MG		●	●		●	●	●	●	11.0	6.90	3.59	0.8	2.80		
	W39011T320-MG		●	●		●	●	●	●	11.0	6.90	3.59	2.0	2.80		
F S M R																
S	W390180612-SG		●	●			●	●	●	15.4	11.0	6.33	1.2	4.20		—
F S M R																
S	ANRT100308-MG					●	●	●	●	9.30	6.35	3.40	0.8	2.90		304 ~ 308
F S M R																
S	ANRT070204-RG					●	●	●	●	6.40	4.30	2.38	0.4	2.20		
	ANRT100308-RG					●	●	●	●	9.30	6.35	3.40	0.8	2.90		
F S M R																

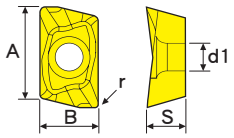
鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○	◎		○	◎	◎	◎
M	不銹鋼 Stainless Steels		○	◎		○	◎	◎	◎
K	鑄鐵 Cast Iron		◎	○		○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—	—		—	—	—	—
S	高溫合金 High-Temp Alloys		○	◎		○	◎	◎	◎
H	調質鋼 Hardened Steels		○	○		◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑、側銑加工【刀片單面使用】。 Face Milling & Side Milling【Single-Sided Inserts】.																
S	ADMT060208-SG						●	●		7.00	4.09	2.45	0.8	2.00		309 310
F S M R																
S	ADMT060204-MG					●	●	●		7.00	4.09	2.45	0.4	2.00		
	ADMT060208-MG					●	●	●	●	7.00	4.09	2.45	0.8	2.00		
	ADMT060216-MG					●	●	●	●	7.00	4.09	2.45	1.6	2.00		
F S M R																
S	ADMT10T308-SG						●	●	●	11.08	6.86	3.80	0.8	3.00		—
F S M R																
S NEW SIZE	ADMT10T308-MG		●	●			●	●	●	11.08	6.86	3.80	0.8	3.00		
	ADMT120408-MG		●	●			●	●	●	11.6	8.20	5.07	0.8	3.90		
F S M R																

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○					◎	
M	不銹鋼 Stainless Steels		○					◎	
K	鑄鐵 Cast Iron		◎					◎	
N	鋁合金 Aluminum Alloys		—					—	
S	高溫合金 High-Temp Alloys		○					◎	
H	調質鋼 Hardened Steels		○					◎	

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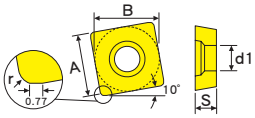
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	r	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於面銑加工【刀片單面使用】。 Face Milling【Single-Sided Inserts】.																
S NEW	W210140512		●					●		11.3	14.5	4.76	1.0	5.7		—
	W210140512		●					●								
F S M R																

鎢鋼銑刀片

CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels				○	○	◎	◎	◎
M	不銹鋼 Stainless Steels				○	○	◎	◎	◎
K	鑄鐵 Cast Iron				○	○	◎	◎	◎
N	鋁合金 Aluminum Alloys				—	—	—	—	—
S	高溫合金 High-Temp Alloys				○	○	◎	◎	◎
H	調質鋼 Hardened Steels				◎	◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	B	S	R 角	d1	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
應用於仿形加工 - 高精度型【刀片單面使用】。 Profile Milling- High Precision【Single-Sided Inserts】.																
W	CMP32D10-SM				●	●				10	5.00	2.50	5R	4.0		
	CMP32D12-SM				●	●				12	6.00	2.50	6R	5.0		
	CMP32D16-SM				●	●				16	6.00	3.00	8R	5.0		
	CMP32D20-SM				●	●				20	6.00	3.00	10R	5.0		
	CMP32D25-SM				●	●				25	9.00	4.00	12.5R	6.0		
F S M R	CMP32D32-SM				●	●				32	10.0	5.00	16R	8.0		311 312
W	CMP32D10-MM				●	●				10	5.00	2.50	5R	4.0		
	CMP32D12-MM				●	●				12	6.00	2.50	6R	5.0		
	CMP32D16-MM				●	●				16	6.00	3.00	8R	5.0		
	CMP32D20-MM				●	●				20	6.00	3.00	10R	5.0		
	CMP32D25-MM				●	●				25	9.00	4.00	12.5R	6.0		
F S M R	CMP32D32-MM				●	●				32	10.0	5.00	16R	8.0		
應用於仿形加工 - 粗加工用【刀片單面使用】。 Profile Milling- Roughing【Single-Sided Inserts】.																
W	WP26339R14-RG					●	●	●	●	—	9.52	3.97	1.2	4.4		313 315
F S M R																
W	WP26379R25-RG					●	●	●	●	1.1	13.0	5.56	2.0	5.5		313 315 316
F S M R																
應用於仿形加工、面銑加工【刀片單面使用】。 Profile Milling & Face Milling【Single-Sided Inserts】.																
S	RCMT1204MOE-FG					●	●			12.0	—	4.76	6R	4.2		—
	RCMT1204MOT-FG					●	●			12.0	—	4.76	6R	4.2		
F S M R																
應用於仿形加工、面銑加工【刀片單面使用】。 Profile Milling & Face Milling【Single-Sided Inserts】.																
W	WPBC1605-MM							●	●	16	6.00	3.00	0.5	5.0		314
	WPBC1610-MM							●	●	16	6.00	3.00	1.0	5.0		
	WPBC1613-MM							●	●	16	6.00	3.00	1.3	5.0		
	WPBC1620-MM							●	●	16	6.00	3.00	2.0	5.0		
F S M R	WPBC1630-MM							●	●	16	6.00	3.00	3.0	5.0		

鎢鋼銑刀片

CARBIDE MILLING INSERTS

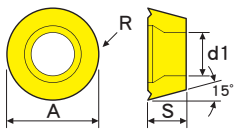
加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels					○	◎	◎	◎
M	不銹鋼 Stainless Steels					○	◎	◎	◎
K	鑄鐵 Cast Iron					○	◎	◎	◎
N	鋁合金 Aluminum Alloys					—	—	—	—
S	高溫合金 High-Temp Alloys					○	◎	◎	◎
H	調質鋼 Hardened Steels					◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

RD 銑刀片系列 RD Insert Series：
應用於仿形加工、面銑加工【刀片單面使用】。 Profile Milling & Face Milling【Single-Sided Inserts】.

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	R 角	S	d1	—	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
S	RDKW0501MOE					●	●	●		5	2.5R	1.59	2.20	—		317 321
F S M R																
S	RDKW0501MOT					●	●	●		5	2.5R	1.59	2.20	—		
F S M R																
S	RDKW0702MOE					●	●	●	●	7	3.5R	2.38	2.80	—		318 321
F S M R																
S NEW SIZE	RDKW0702MOE-F							●	●	7	3.5R	2.38	2.80	—		
F S M R																
S	RDKW0702MOT					●	●	●	●	7	3.5R	2.38	2.80	—		
F S M R																
T	RDMT1003MOE					●	●	●	●	10	5.0R	3.18	3.90	—		319 321 323
F S M R																
T	RDMT1003MOT					●	●	●	●	10	5.0R	3.18	3.90	—		
F S M R																
K	RDMX1003MOE					●	●	●	●	10	5.0R	3.18	4.15	—		
F S M R																
K	RDMX1003MOT					●	●	●	●	10	5.0R	3.18	4.15	—		
F S M R																



鎢鋼銑刀片

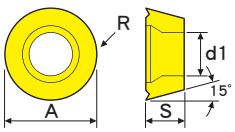
CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○			○	◎	◎	◎
M	不銹鋼 Stainless Steels		○			○	◎	◎	◎
K	鑄鐵 Cast Iron		◎			○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—			—	—	—	—
S	高溫合金 High-Temp Alloys		○			○	◎	◎	◎
H	調質鋼 Hardened Steels		○			◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

RD 銑刀片系列 RD Insert Series：
應用於仿形加工、面銑加工【刀片單面使用】。 Profile Milling & Face Milling【Single-Sided Inserts】.

刀片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	R角	S	d1	—	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
H	RDMT10T3MOE					●	●	●	●	10	5.0R	3.97	4.50	—		320 322 324
F S M R																
H	RDMT10T3MOT					●	●	●	●	10	5R	3.97	4.5	—		
F S M R																
H	RDMW10T3MOE						●	●		10	5R	3.97	4.5	—		
F S M R																
H	RDMW10T3MOT						●	●		10	5R	3.97	4.5	—		
F S M R																
T	RDMT12T3MOE		●			●	●	●		12	6R	3.97	4.1	—		—
F S M R																
T	RDMT12T3MOT					●	●	●		12	6R	3.97	4.1	—		
F S M R																
L	RDMX12T3MOE					●	●	●	●	12	6R	3.97	4.1	—		
F S M R																
L	RDMX12T3MOT					●	●	●	●	12	6R	3.97	4.1	—		
F S M R																
H	RDHT1204MOE						●	●		12	6R	4.76	4.4	—		320
F S M R																

鎢鋼銑刀片

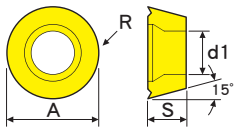
CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels		○			○	◎	◎	◎
M	不銹鋼 Stainless Steels		○			○	◎	◎	◎
K	鑄鐵 Cast Iron		◎			○	◎	◎	◎
N	鋁合金 Aluminum Alloys		—			—	—	—	—
S	高溫合金 High-Temp Alloys		○			○	◎	◎	◎
H	調質鋼 Hardened Steels		○			◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

RD 銑刀片系列 RD Insert Series：
應用於仿形加工、面銑加工【刀片單面使用】。 Profile Milling & Face Milling【Single-Sided Inserts】.

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	R 角	S	d1	—	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
H	RDHT1204MOT						●	●		12	6R	4.76	4.4	—		320
F S M R																
H	RDMT1204MOE					●	●	●	●	12	6R	4.76	4.4	—		
F S M R																
H	RDMT1204MOT					●	●	●	●	12	6R	4.76	4.4	—		
F S M R																
W	RDMW1204MOE						●	●	●	12	6R	4.76	4.4	—		
F S M R																
W	RDMW1204MOS-F							●	●	12	6R	4.76	4.4	—		
F S M R																
W	RDMW1204MOT		●			●	●	●	●	12	6R	4.76	4.4	—		
F S M R																
H	RDMT1604MOT					●	●	●	●	16	8R	4.76	5.5	—		325
F S M R																
H	RDMW1604MOE		●			●	●	●	●	16	8R	4.76	5.5	—		
F S M R																
H	RDMW1604MOS-F						●	●	●	16	8R	4.76	5.5	—		
F S M R																
H	RDMW1604MOT		●			●	●	●	●	16	8R	4.76	5.5	—		
F S M R																

鎢鋼銑刀片

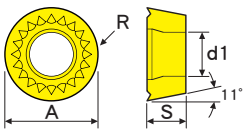
CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels					○	◎	◎	◎
M	不銹鋼 Stainless Steels					○	◎	◎	◎
K	鑄鐵 Cast Iron					○	◎	◎	◎
N	鋁合金 Aluminum Alloys					—	—	—	—
S	高溫合金 High-Temp Alloys					○	◎	◎	◎
H	調質鋼 Hardened Steels					◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

RP 銑刀片系列 RP Insert Series：
應用於仿形加工、面銑加工【刀片單面使用】。 Profile Milling & Face Milling【Single-Sided Inserts】.

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	R 角	S	d1	—	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
M	RPMT08T2MOE						●	●	●	8	4R	2.78	3.2	—		326
F S M R																
M	RPMT08T2MOT						●	●	●	8	4R	2.78	3.2	—		
F S M R																
M	RPMW1003MOE						●	●	●	10	5R	3.18	4.6	—		326 327
F S M R																
M	RPMW1003MOS-F							●		10	5R	3.18	4.6	—		
F S M R																
M	RPMW1003MOT					●	●	●	●	10	5R	3.18	4.6	—		
F S M R																
M NEW SIZE	RPHT10T3MOE								●	10	5R	3.97	4.5	—		326
F S M R																
M	RPMT10T3MOE						●	●	●	10	5R	3.97	4.5	—		
F S M R																
M	RPMT10T3MOT						●	●	●	10	5R	3.97	4.5	—		
F S M R																
M NEW SIZE	RPHT1204MOE							●	●	12	6R	4.76	4.3	—		326 327 328
F S M R																

鎢鋼銑刀片

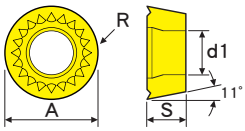
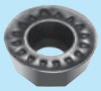
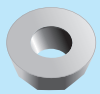
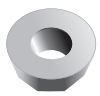
CARBIDE MILLING INSERTS

加工材質		CM10	CM6337	CM6347	CM6213	CM6223	CM6032	CM6233	CM6243
P	鋼材 Alloy Steels					○	◎	◎	◎
M	不銹鋼 Stainless Steels					○	◎	◎	◎
K	鑄鐵 Cast Iron					○	◎	◎	◎
N	鋁合金 Aluminum Alloys					—	—	—	—
S	高溫合金 High-Temp Alloys					○	◎	◎	◎
H	調質鋼 Hardened Steels					◎	◎	◎	—

◎：第一推薦 First Recommend
○：第二推薦 Second Recommend
—：不推薦 NO Recommend

F：精加工 Finishing
S：半精加工 Semi Finishing
M：中加工 Medium
R：粗加工 Roughing

RP 銑刀片系列 RP Insert Series：
應用於仿形加工、面銑加工【刀片單面使用】。 Profile Milling & Face Milling【Single-Sided Inserts】.

刀 片 Insert	訂購編號 Order No.	材質碼 Grade CVD CM10	CVD CM6337	CVD CM6347	PVD CM6213	PVD CM6223	PVD CM6032	PVD CM6233	PVD CM6243	尺寸 Dimension (mm) A	R 角	S	d1	—	刀片 2D 圖 Drawing	刀桿頁數 Tool Page
M	RPHT1204MOT							●	●	12	6R	4.76	4.3	—		326 327 328
F S M R																
 M	RPMT1204MOE					●	●	●	●	12	6R	4.76	4.3	—		
F S M R																
M	RPMT1204MOT					●	●	●	●	12	6R	4.76	4.3	—		
F S M R																
 M	RPMW1204MOE						●	●	●	12	6R	4.76	4.3	—		
F S M R																
 M	RPMW1204MOT						●	●	●	12	6R	4.76	4.3	—		
F S M R																

銑刀片斷屑槽幾何對照表
Milling Insert Chip Breaker Comparison Table

ISO 材質 Material Group	加工型態 Application	西門德克 CMTec	山特維克 Sandvik	肯納 Kennametal	住友 Sumitomo	京瓷 Kyocera	泰珂洛 Tungaloy	三菱 Mitsubishi	日立 Hitachi	特固克 TaeguTec
P 鋼 Alloy Steels	精加工		QF	FF	FA	GP	TF	FH		FA
					FL	XP	NS, ZF	FS, FY	FE	EA, SF, FC
	半精加工	SM, SG	PF		SU	HQ	TS, AS, TSF	SH, C	CE, B	FG
				FN	LU	XQ, CQ	NM, ZF, 11	SA, SY	BE	FC, ML
			WF	FW	LUW	WP, WQ	ASW, AFW	SW		WS
				LF	SX	XS	ZM, 27		AB, CT	
	中加工		PM, QM	MP, MG	GU	HS, PS	TM, 37, 38	MA, MV	AH	MT, PC
		MM, MG	SM	MN	UX	CS, GS ,PT	DM	MH	AE, AY	RT
			WM	MW	GUW			MW		WT
	粗加工	RG	MG, PR	RP, RN	MU	HT, GT	TH, 51	GH	RE, AR	
					MX			MT		MT
	重加工	HG	MM, PR, QR	RM, MR	HG	HX	TU, 57	HA, HZ, HX, HBS	TE, UE	RH
			HR	RH	HP		65	HH, HXD	H	RH, HZ
					HU			HV	HE	HY
					HW			HCS	HX	
M 不銹鋼 Stainless Steels	精加工		MF	FP	SU	GU	SS	SH, C	SE	FG
	中加工	MM	23	MS	EX	SU	SA	MS	DE	EM
			MM, PR, QR	MP	GU	HU	SM			
	粗加工				HM	ST	S	ES		VF
		HG	HR		MU		CM, 33	GH		RT
K 鑄鐵 Cast Iron	泛用加工		KF	UN	UZ	GC			V	
		HG	KM, KR	UM	UX	ZS		GH	RE	RT

銑刀片材質碼對照表
Milling Insert Grade Comparison Table

ISO 材質 Material Group	ISO 材料代號 ISO Code		西門德克 CMTec	住友 Sumitomo	泰珂洛 Tungaloy	三菱 Mitsubishi	日立 Hitachi	克勞伊 Korloy	特固克 TaeguTec
P 鋼 Alloy Steels	↑ 硬 Hard	P10		ACP100			JP4115	PC2005 PC2010	TT2510
		P20	CM6223	ACP200	AH725 AH120 AH330	MP6120 VP15TF	JP4020 JP4120 CP9020 CY150	PC3600 PC3700 PC2510	TT7080 TT7030
		P30	CM6233 CM6032	ACP300 ACP3000	AH725 AH130 AH140 AH730	VP15TF MP6120 MP6130 VP30RT	JS4045 CY250 CY25	PC5300	TT9080 TT9030
	軟 Soft ↓	P40	CM6243		AH140 AH3035	VP30RT	JS4060 JS4160 JX1060	PC5400	TT8080 TT8020
M 不銹鋼 Stainless Steels	↑ 硬 Hard	M10		ACM100 ACK300					
		M20	CM6223	ACM200 ACP200	AH725 AH120 AH330 GH110	VP15TF MP7130 MP7140 VP20RT	JP4020 JP4120	PC210F PC5300	TT9080 TT9030
		M30	CM6233 CM6032	ACM300 ACP200	AH725 AH130 AH730 GH130	VP15TF MP7130 MP7140 VP30RT	JS4045 CY250 CY25	PC9530	TT8080 TT8020
	軟 Soft ↓	M40	CM6243	ACP300 ACM300	AH140 AH3135 AH4035	MP7140 VP30RT	JM4160	PC5400 PC9540	
K 鑄鐵 Cast Iron	↑ 硬 Hard	K01			AH110 GH110 AH330	MP8010	ATH80D TH308		
		K10	CM6223		AH110 AH120 GH110 AH725 AH330	MP8010	TH3015 CY100H	PC6510	TT7515 TT6080
		K20	CM6233 CM6032	ACK200 ACK300	GH130	VP15TF VP20RT	CY150 JP4120 CY9020		TT7515 TT6080
	軟 Soft ↓	K30	CM6243	ACK300		VP15TF VP20RT	CY250 JS4045	PC5300	TT3080

銑刀片材質碼對照表
Milling Insert Grade Comparison Table

ISO 材質 Material Group	ISO 材料代號 ISO Code		西門德克 CMTec	山特維克 Sandvik	山高 SECO	瓦爾特 Walter	伊斯卡 Iscar	肯納 Kennametal
P 鋼 Alloy Steels	↑ 硬 Hard	P10		GC1010		WKP25 WKP25S WPP20 WKK20S	IC903 IC4100 IC4050	KC715M KC930M KC935M
		P20	CM6223	GC1010 GC1030 GC1130 GC2030	F25M MP3000	WSM20	IC8080 IC810 IC380	KC715M KC930M KC935M
		P30	CM6233 CM6032	GC1010 GC1030 GC1130 GC2030	F30M F40M MP3000	WSM30 WSM35	IC830 IC928 IC330	KC735M KC530M KC537M
	軟 Soft ↓	P40	CM6243	GC2030 GC1030 GC1130	F40M T60M	WKP45 WP45S WSP45		KC735M KC537M KCPM40
M 不銹鋼 Stainless Steels	↑ 硬 Hard	M10		GC1025 GC1030			IC903	KC715M KC515M
		M20	CM6223	GC1025 GC1030 GC1040 GC2230	F25M MP3000	WSM35 WXM35	IC908 IC928	KC635M KC730M KC525M KCPM40
		M30	CM6233 CM6032	S30T GC1040 GC2230	F30M F40M MP3000	WSM35 WXM35	IC328 IC330 IC830	KC530M KC537M K735M KCPM40
	軟 Soft ↓	M40	CM6243		F40M	WSP45 WSM45S	IC328 IC300 IC330	
K 鑄鐵 Cast Iron	↑ 硬 Hard	K01						
		K10	CM6223	GC1010	MK1500	WAK15	IC350 IC810	KC514M KC515M KC527M KC635M
		K20	CM6233 CM6032	GC1010 GC1020	MK1500 MK2000 T150M	WAK15 WKK25 WKP25S	IC5100 IC830	KC514M KC610M KC520M KC620M
	軟 Soft ↓	K30	CM6243	GC1020	MK2000 MK2050	WKP35S WPP20	IC810 IC908 IC910 IC928 IC950	KC522M KC725M KC524M KC735M