

Milling Inserts Grade Comparison - PVD 銑刀片材質比較表 - PVD

ISO Code	WINSTAR 萬事達	Mitsubishi 三菱	Hitachi 日立	Sumitomo 住友	Kyocera 京瓷	Tungaloy 泰珂洛	Korloy 克勞伊	TaeguTec 特固克	
<b>P</b> Steel	P10		JP4115	ACU2500 ACP200	PR1225 PR1230 PR1525		PC2005 PC2010	TT2510	
	P20	CX23TX CX32HS CX33TX	MP6120 VP15TF	JP4020 JP4120 CP9020 CY150	ACP3000 ACU2500 ACP200 ACP300	PR1225 PR1230 PR1525	AH725 AH120 AH330	PC3600 PC3700 PC2510	TT7080 TT7030
	P30	CX32HS CX33TX CX33UX	VP15TF MP6120 MP6130 VP30RT	JS4045 CY250 CY25	ACP3000 ACU2500 ACP200 ACP300	PR1225 PR1230 PR1525	AH725 AH130 AH140 AH730	PC5300	TT9080 TT9030
	P40	CX43TX	VP30RT	JS4060 JS4160 JX1060	ACP3000 ACU2500 ACP300		AH140 AH3035	PC5400	TT8080 TT8020
<b>M</b> Stainless Steel	M10			ACM100 ACU2500 ACK300 ACP300	PR1225 PR1525				
	M20	CX23TX	VP15TF MP7130 MP7140 VP20RT	JP4020 JP4120	ACM300 ACU2500 ACP300	PR1225 PR1525 PR1535	AH725 AH120 AH330 GH110	PC210F PC5300	TT9080 TT9030
	M30	CX33TX CX33UX CX43TX	VP15TF MP7130 MP7140 VP30RT	JS4045 CY250 CY25	ACM300	PR1225 PR1525 PR1535	AH725 AH130 AH730 GH130	PC9530	TT3540 TT8080 TT8020
	M40	CX43TX	MP7140 VP30RT	JM4160	ACM300	PR1525 PR1535	AH140 AH3135 AH4035	PC5400 PC9540	TT3540
<b>K</b> Cast Iron	K01		MP8010	ATH80D TH308		PR1510	AH110 GH110 AH330	PC8110	
	K10	CX23TX	MP8010	TH315 CY100H	ACK3000 ACU2500	PR1210 PR1510	AH110 AH120 GH110 AH725 AH330	PC6510	TT7515 TT6080
	K20	CX32HS CX33TX	VP15TF VP20RT	CY150 JP4120 CY9020	ACK3000 ACU2500 ACK300	PR1210 PR1510	GH130	PC5300	TT7515 TT6080
	K30	CX33TX CX43TX	VP15TF VP20RT	CY250 JS4045	ACK3000 ACU2500 ACK300	PR1510		PC5300	TT3080
<b>S</b> High-Temp Alloy	S01		PN08M PN208	ACM100 ACU2500 ACK300 ACP300	PR905 PR1210 PR1535	AH110 AH710			
	S10	CX33UX	MP9120 VP15TF	JS1025 JP4120	ACM100 ACU2500 ACK300 ACP300	PR905 PR1210 PR1535	AH120 AH725		TT9030 TT9080 TT8080
	S20	CX33UX CX43TX	MP9120 VP15TF MP9130 MP9030	PTH30H	ACM300 ACU2500 ACP300	PR905 PR1210 PR1535	AH725 AH130 AH6030	PC5300	TT8080 TT8020
	S30	CX43TX	MP9140	JM4160	ACM300	PR1535	AH130	PC3545	TT3540 TT8020

The above table is selected from a publication for reference only, which is not obtained approval from each brand.  
此材質比較表僅供參考

Indexable Milling

## Milling Inserts Grade Comparison - PVD

銑刀片材質比較表 - PVD

ISO Code		WINSTAR 萬事達	Sandvik 山特維克	Iscar 伊斯卡	Kennametal 肯納	SECO 山高	Walter 瓦爾特
<b>P</b> Steel	P10		GC1010	IC903 IC4100 IC4050	KC715M KC930M KC935M		WKP25 WKP25S WPP20 WKK20S
	P20	CX23TX CX33TX	GC1010 GC1030 GC1130 GC2030	IC8080 IC810 IC380	KC715M KC930M KC935M	F25M MP3000	WSM20
	P30	CX33TX CX33UX CX43TX	GC1010 GC1030 GC1130 GC2030	IC830 IC928 IC330	KC735M KC530M KC537M	F30M F40M MP3000	WSM30 WSM35
	P40	CX43TX	GC2030 GC1030 GC1130		KC735M KC537M KCPM40	F40M T60M	WKP45 WP45S WSP45
<b>M</b> Stainless Steel	M10		GC1025 GC1030	IC903	KC715M KC515M		
	M20	CX23TX	GC1025 GC1030 GC1040 GC2230	IC908 IC928	KC635M KC730M KC525M KCPM40	F25M MP3000	WSM35 WXM35
	M30	CX33UX CX43TX	S30T GC1040 GC2230	IC328 IC330 IC830	KC530M KC537M K735M KCPM40	F30M F40M MP3000	WSM35 WXM35
	M40	CX43TX		IC328 IC300 IC330		F40M	WSP45 WSM45S
<b>K</b> Cast Iron	K01						
	K10	CX23AX	GC1010	IC350 IC810	KC514M KC515M KC527M KC635M	MK1500	WAK15
	K20	CX33TX	GC1010 GC1020	IC5100 IC830	KC514M KC610M KC520M KC620M	MK1500 MK2000 T150M	WAK15 WKK25 WKP25S
	K30	CX33TX CX43TX	GC1020	IC810 IC908 IC910 IC928 IC950	KC522M KC725M KC524M KC735M	MK2000 MK2050	WKP35S WPP20
<b>S</b> High-Temp Alloy	S01		GC1010	IC808 IC907 IC908	KC510M		
	S10	CX33UX	S30T GC1010 GC1030 GC2030	IC808 IC907 IC908 IC903	KC510M KC610M	MS2050	
	S20	CX33UX CX43TX	S30T GC1030 GC1040 GC2030 GC2040	IC300 IC900 IC830 IC928	KC522M KC525M KC610M	MS2050 F40M	WSM35 WSM36
	S30	CX43TX	S30T GC1040 GC2040	IC830 IC928	KC522M KC525M KC725M	MS2050 F40M	WSM35 WSM36 WSP45 WSP46

The above table is selected from a publication for reference only, which is not obtained approval from each brand.

此材質比較表僅供參考

**Milling Inserts Grade Comparison - CVD** 銑刀片材質比較表 - CVD

ISO Code	WINSTAR 萬事達	Mitsubishi 三菱	Hitachi 日立	Sumitomo 住友	Kyocera 京瓷	Tungaloy 泰珂洛	Korloy 克勞伊	TaeguTec 特固克	
<b>P</b> Steel	P10			XCU2500 ACP2000 ACP100					
	P20	CX47TA	F7030 MC7020	GX2140	XCU2500 ACP2000 ACP100		T3130 T3225	NC5330	
	P30	CX47TA	F7030 MC7020	GX2140 GX2160	XCU2500 ACP2000 ACP100		T3130 T3225	NC5330 NCM535	TT8525B
	P40			GX2030 GX30 GX2160				NCM545	TT8525B
<b>M</b> Stainless Steel	M10			XCU2500 ACM200				NC5330	
	M20	CX47TA	F7030 MC7020	AX2040 GX2140	XCU2500 ACM200	CA6535	T3130 T3225	NC5330	TT9540
	M30	CX47TA	F7030 FC7020 MC7020	AX2040 GX2140 GX2160 GX30	XCU2500 ACM200	CA6535	T3130 T3225	NCM535 NCM545	TT8525B TT9540
	M40			GX2030 GX2160 GX30				NCM545	TT8525B TT9540
<b>K</b> Cast Iron	K01								
	K10	CX37TA	MC5020		XCK2000 ACK2000 ACK200	CA420M	T1215 T1115 T1015	NC5330	TT7515
	K20	CX37TA	MC5020		XCK2000 XCU2500 ACK2000 ACK200		T1115 T1015	NC5330	TT7515
	K30			GX30				NCM535	TT7515

The above table is selected from a publication for reference only, which is not obtained approval from each brand.  
此材質比較表僅供參考

Indexable Milling

## Milling Inserts Grade Comparison - CVD

銑刀片材質比較表 - CVD

ISO Code	WINSTAR 萬事達	Sandvik 山特維克	Iscar 伊斯卡	Kennametal 肯納	SECO 山高	Walter 瓦爾特	
<b>P</b> Steel	P10		IC9080 IC4100 IC9015		MP1500	WKP25	
	P20	CX37TA	GC4220	IC5500 IC5100 IC520M	MP1500 MP2500	WKP35	
	P30	CX37TA	GC4330 GC4230	IC5500 IC4050	KCPK30 KC930M	MP2500	
	P40	CX47TA	GC4340 GC4240		KC935M KC530M KCPM20		
<b>M</b> Stainless Steel	M10		IC9250				
	M20		IC520M IC9350	KC925M	MP2500 MM4500		
	M30	CX47TA	GC2040	IC9350 IC4050	KC930M KCPM20	MP2500 MM4500	
	M40			IC635	KC930M KC935M		
<b>K</b> Cast Iron	K01						
	K10					WAK15	
	K20	CX37TA	GC3220 GC3330 K20W	IC5100 IC9150	KC915M	MK1500 MK2000	WKP25
	K30	CX37TA CX47TA	GC3330 GC3040	IC4100 IC4050 IC520M	KC920M KC925M KCPK30 KC930M KC935M KCPM20	MK2000 MK3000	WKP35

The above table is selected from a publication for reference only, which is not obtained approval from each brand.

此材質比較表僅供參考