

# GRADES COMPARISON TABLE

## CEMENTED CARBIDE

Classification	ISO	Mitsubishi Materials	Sumitomo Electric	Tungaloy	Kyocera	Dijet	Mitsubishi Hitachi Tool	Sandvik	Kennametal	Seco Tools	Iscar		
	Symbol												
Turning	P	P01											
		P10		ST10P	TX10S		SRT	WS10			IC70		
		P20	UTi20T	ST20E	UX30		SRT DX30	EX35	SMA		IC70 IC50M		
		P30	UTi20T	A30 A30N	UX30	PW30	SR30 DX30	EX35 EX40	SM30		IC50M IC54		
		P40		ST40E			SR30	EX45			IC54		
	M	M10		EH510 U10E			UMN	WA10B	H10A	KU10 K313 K68	890	IC07	
		M20	UTi20T	EH520 U2	UX30		DX25 UMS	EX35	H13A	KU10 K313 K68	HX	IC07 IC08 IC20	
		M30	UTi20T	A30 A30N	UX30		DX25 UMS	EX45	H10F SM30		883	IC08 IC20 IC28	
		M40					UM40	EX45				IC28	
	K	K01	HTi05T	H1 H2	TH03 KS05F		KG03	WH05		KU10 K313 K68			
		K10	HTi10	EH10 EH510	TH10	KW10 GW15	KG10 KT9	WH10	H10 HM	KU10 K313 K68	890	IC20	
		K20	UTi20T	G10E EH20 EH520	KS15F KS20	GW25	CR1 KG20	WH20	H13A	KU10 K313 K68	HX	IC20	
		K30	UTi20T	G10E			KG30				883		
	N	N01		H1 H2	KS05F	KW10			H10 H13A				
		N10	HTi10	EH10 EH510	TH10	KW10 GW15	KT9	WH10		KU10 K313 K68	H15	IC08 IC20	
		N20		G10E EH20 EH520	KS15F		CR1	WH20		KU10 K313 K68	HX KX	IC08 IC20	
		N30									H25		
	S	S01	MT9005			SW05	KG03						
		S10	MT9005 RT9010 MT9015	EH10 EH510	KS05F TH10	SW10	FZ05 KG10	WH13S	H10 H10A H10F H13A	K10 K313 K68	HX	IC07 IC08	
		S20	RT9010 TF15	EH20 EH520	KS15F KS20	SW25	FZ15 KG20			K10 K313 K68	H25	IC07 IC08	
		S30	TF15				KG30						
	Milling	P	P10				SRT						
			P20	UTi20T	A30N	UX30		SRT DX30	EX35		K125M	IC50M IC28	
			P30	UTi20T	A30N	UX30	PW30	SR30 DX30	EX35		GX	IC50M IC28	
			P40				PW30	SR30	EX45			IC28	
		M	M10					UMN					
			M20	UTi20T	A30N	UX30		DX25 UMS	EX35				IC08 IC20
			M30	UTi20T	A30N	UX30		DX25 UMS	EX45	SM30			IC08 IC28
M40								EX45				IC28	
K		K01	HTi05T				KG03			K115M,K313			
		K10	HTi10	G10E	TH10	KW10 GW25	KG10	WH10		K115M K313		IC20	
		K20	UTi20T	G10E	KS20	GW25	KT9 CR1 KG20	WH20	H13A		HX	IC20	
		K30	UTi20T				KG30						

Note 1) The above table is selected from a publication. We have not obtained approval from each company.

## MICRO GRAIN

Classification	ISO	Mitsubishi	Sumitomo	Tungaloy	Kyocera	Dijet	Mitsubishi	Sandvik	Kennametal	Seco
	Symbol	Materials	Electric				Hitachi Tool			Tools
Cutting Tools	Z	Z01	SF10 MF07 MF10	F0	F MD05F MD1508		FZ05 FB05 FB10	NM08	PN90 6UF,H3F 8UF,H6F	
		Z10	HTi10 MF20	XF1 F1 AFU	MD10 MD0508 MD07F	FW30	FZ10 FZ15 FB15	NM10 NM12 NM15	H10F	890
		Z20	TF15 MF30	AF0 SF2 AF1	EM10 MD20 G1F		FZ15 FB15 FB20	BRM20 EF20N	H15F	890 883
		Z30		A1 CC			FZ20 FB20	NM25 NM40		883

## CERMET

Classification	ISO	Mitsubishi	Sumitomo	Tungaloy	Kyocera	Dijet	Mitsubishi	Sandvik	Kennametal	Seco	Iscar		
	Symbol	Materials	Electric				Hitachi Tool			Tools			
Turning	P	P01	AP25N* VP25N*	T110A T1000A	NS520 AT520* GT520* GT720*		TN30 TN610 PV710* PV30* TN6010 PV7010*	LN10 CX50				IC20N IC520N*	
		P10	NX2525 AP25N* VP25N*	T1200A T2000Z* T1500A T1500Z*	NS520 NS730 GT730* NS9530 GT9530* AT9530*	TN60 TN610 PV710* PV60* TN6010 PV7010*	CX50 CX75 PX75*	CZ25*	CT5015 GC1525*	KT315 KT125	TP1020 TP1030* CM CMP*	IC20N IC520N* IC530N*	
		P20	NX2525 AP25N* VP25N* NX3035 MP3025*	T1200A T2500A T2000Z* T3000Z* T1500A T1500Z*	NS530 NS730 GT730* NS9530 GT9530* AT9530*	TN60 PV60* TN620 PV720* TN6020 PV7020* PV7025*	CX75 PX75* PX90*	CH550	GC1525*	KT325 KT1120 KT5020*	TP1020 TP1030*	IC20N IC520N* IC30N IC530N* IC75T	
		P30	MP3025* VP45N*	T3000Z*		PV7025* PV90*	PX90*						IC75T
	M	M10	NX2525 AP25N* VP25N*	T110A T1000A T2000Z* T1500Z*	NS520 AT530* GT530* GT720*	TN60 PV60* TN620 PV720* TN6020 PV7020*	LN10 CX50		GC1525*	KT125	TP1020 TP1030* CM CMP*		
		M20	NX2525 AP25N* VP25N*	T1200A T2000Z* T1500A T1500Z*	NS530 GT730* NS730	TN90 TN6020 TN620 PV720* PV90* PV7020* PV7025*	CX50 CX75	CH550					
		M30											
	K	K01	NX2525 AP25N*	T110A T1000A T2000Z* T1500Z*	NS710 NS520 AT520* GT520* GT720*	TN30 PV30* PV7005* TN610 PV710* TN6010 PV7010*	LN10						
		K10	NX2525 AP25N*	T1200A T2000Z* T1500A T1500Z*	NS520 GT730* NS730	TN60 PV60* TN6020 TN620 PV720* PV90* PV7020* PV7025*	LN10		CT5015	KT325 KT125			
		K20	NX2525 AP25N*	T3000Z*			CX75						
	Milling	P	P10	NX2525			TN620M TN60	CX75	MZ1000*			C15M	IC30N
			P20	MX3020 NX2525	T250A	NS530	TN100M TN620M TN60	CX75 CX90	CH550 CH7030 MZ1000* MZ2000*	CT530	KT530M HT7 KT605M	C15M MP1020	IC30N
P30			MX3030 NX4545	T250A T4500A	NS530 NS540 NS740		CX90 CX99	MZ3000* CH7035				IC30N	
M		M10	NX2525			TN60 TN620M							IC30N
		M20	MX3020 NX2525		NS530	TN100M TN620M	CX75	CH550 CH7030 MZ1000* MZ2000*	CT530	KT530M HT7 KT605M	C15M	IC30N	
		M30	MX3030 NX4545	T250A	NS540 NS740		CX90 CX99	MZ3000* CH7035					
K		K01											
		K10	NX2525		NS530	TN60							
		K20	NX2525				CX75			KT530M HT7			

\*Coated Cermet

Note 1) The above table is selected from a publication. We have not obtained approval from each company.

## CVD COATED GRADE

Classification	ISO	Mitsubishi	Sumitomo	Tungaloy	Kyocera	Dijet	Mitsubishi	Sandvik	Kennametal	Seco	Iscar		
	Symbol	Materials	Electric				Hitachi Tool			Tools			
Turning	P	P01	UE6105	AC810P AC700G	T9105 T9005	CA510 CA5505	JC110V	HG8010	GC4305 GC4205	KCP05B KCP05 KC9105	TP0501 TP0500 TP1501 TP1500	IC9150 IC8150 IC428	
		P10	UE6105 MC6015 UE6110 MY5015	AC810P AC700G AC820P AC2000 AC8015P	T9105 T9005 T9115 T9215	CA510 CA5505 CA515 CA5515	JC110V JC215V	HG8010 HG8025 GM8020	GC4315 GC4215 GC4325	KCP10B KCP10 KCP25 KC9110	TP1501 TP1500 TP2501 TP2500	IC9150 IC8150 IC8250	
		P20	MC6015 UE6110 MC6025 UE6020 MY5015	AC820P AC2000 AC8025P AC830P	T9115 T9125 T9215 T9225	CA025P CA515 CA5515 CA525 CA5525 CR9025	JC110V JC215V	HG8025 GM8020 GM25	GC4315 GC4215 GC4325 GC4225	KCP25B KCP30B KCP25 KC9125	TP2501 TP2500	IC8250 IC9250 IC8350	
		P30	MC6025 UE6020 MC6035 UE6035 UH6400	AC8035P AC830P AC630M	T9125 T9135 T9035 T9225	CA025P CA525 CA5525 CA530 CA5535 CR9025	JC215V JC325V	GM25 GM8035	GC4325 GC4335 GC4225 GC4025 GC4235	KCP30B KCP30	TP3501 TP3500 TP3000	IC8350 IC9250 IC9350	
		P40	MC6035 UE6035 UH6400	AC8035P AC630M	T9135 T9035	CA530 CA5535	JC325V	GM8035 GX30	GC4235 GC4335	KCP40 KCP40B KC9140 KC9240	TP3501 TP3500 TP3000	IC9350	
	M	M10	MC7015 US7020	AC610M AC6020M	T6120 T9215	CA6515	JX605X JC110V		GC2015 GC2220	KCM15B KCM15	TM2000	IC6015 IC8250	
		M20	MC7015 US7020 MC7025	AC6020M AC610M AC6030M AC630M	T6120 T9215	CA6515 CA6525	JC110V	HG8025 GM25	GC2015 GC2220	KCM15 KCM25B KCP40B	TM2000	IC6015	
		M30	MC7025 US735	AC6030M AC630M	T6130	CA6525	JX525X	GM8035 GX30	GC2025	KCM25 KCM35B KCP40	TM4000	IC6025	
		M40	US735	AC6030M AC630M			JX525X	GX30	GC2025	KCM35B KCM35	TM4000	IC6025	
	K	K01	MC5005 UC5105	AC405K AC410K AC4010K	T515 T5105	CA4505 CA4010 CA310	JC050W JC105V	HX3505	GC3205 GC3210	KCK05B KCK05	TK0501 TH1500	IC5005	
		K10	MC5015 MH515 UC5115 MY5015	AC405K AC4010K AC410K AC4015K AC415K	T515 T5115	CA315 CA4515 CA4010 CA4115	JC108W JC050W JC105V JC110V	HX3515 HG8010	GC3205 GC3210	KCK15B KCK15 KCK20 KC9315 KCK20B	TK0501 TK1501	IC5005 IC5010 IC428	
		K20	MC5015 MH515 UC5115 UE6110 MY5015	AC4015K AC415K AC420K AC8025P	T5115 T5125	CA320 CA4515 CA4115 CA4120	JC108W JC110V JC215V	HG8025 GM8020	GC3225	KCK20B KCK20 KCPK05	TK1501	IC5010 IC8150	
		K30	UE6110	AC8025P	T5125		JC215	HG8025 GM8020	GC3225	KCPK05			
	S	S01	US905			CA6515 CA6525 CA6535		HS9105 HS9115	S05F				
	Milling	P	P10				JC730U				MP1500	IC9080 IC4100 IC9015	
			P20	F7030 MC7020	ACP100	T3130 T3225		JC730U	GX2140	GC4220		MP1500 MP2500	IC5500 IC5100 IC520M
			P30	F7030 MC7020	ACP100	T3130 T3225			GX2140 GX2160	GC4330 GC4230	KCPK30 KC930M	MP2500	IC5500 IC4050
			P40						GX2030 GX30 GX2160	GC4340 GC4240	KC935M KC530M		
		M	M10										IC9250
			M20	F7030 MC7020	ACP100 ACM200	T3130 T3225	CA6535	JC730U	AX2040 GX2140		KC925M	MP2500 MM4500	IC520M IC9350
M30			F7030 FC7020 MC7020	ACP100	T3130 T3225	CA6535		AX2040 GX2140 GX2160 GX30	GC2040	KC930M	MP2500 MM4500	IC9350 IC4050	
M40								GX2030 GX2160 GX30		KC930M KC935M		IC635	
K		K01					JC600						
		K10	MC5020	ACK100	T1215 T1115 T1015	CA420M	JC600						
		K20	MC5020	ACK200	T1115 T1015		JC610		GC3220 GC3330 K20W	KC915M	MK1500 MK2000	IC5100 IC9150	
		K30					JC610	GX30	GC3330 GC3040	KC920M KC925M KCPK30 KC930M KC935M	MK2000 MK3000	IC4100 IC4050 IC520M	

Note 1) The above table is selected from a publication. We have not obtained approval from each company.

## PVD COATED GRADE

	ISO	Mitsubishi	Sumitomo	Tungalay	Kyocera	Dijet	Mitsubishi	Sandvik	Kennametal	Seco	Iscar	
	Classification	Symbol	Materials	Electric			Hitachi Tool			Tools		
Turning	P	P01				PR1005						
		P10	VP10MF MS6015		AH710 SH725	PR1005 PR930 PR1025 PR1115 PR1225 PR1425			GC1125	KCU10 KC5010 KC5510 KU10T	CP200 TS2000	IC250 IC507 IC570 IC807 IC907 IC908
		P20	VP10RT VP20RT VP15TF VP20MF MS6015		AH710 AH725 AH120 SH730 GH730 GH130 SH725	PR930 PR1025 PR1115 PR1225 PR1425 PR1535		IP2000	GC1125 GC15	KCU10 KC5025 KC5525 KU25T	TS2500	IC1007 IC250 IC308 IC507 IC807 IC808 IC907 IC908 IC1008 IC1028 IC3028
		P30	VP10RT VP20RT VP15TF VP20MF		AH725 AH120 SH730 GH730 GH130 AH740 J740 SH725	PR1025 PR1225 PR1425 PR1535 PR1625		IP3000	GC1125	KCU25 KC5525 KU25T	CP500	IC228 IC250 IC328 IC330 IC354 IC528 IC1008 IC1028 IC3028
		P40			AH740 J740	PR1535					CP500 CP600	IC228 IC328 IC528 IC928 IC1008 IC1028 IC3028
	M	M01										
		M10	VP10MF MS6015		AH710 SH725	PR1025 PR1225 PR1425	JC5003 JC8015	IP050S	GC1115 GC15 GC1105	KCU10 KC5010 KC5510	CP200 TS2000	IC354 IC507 IC520 IC807 IC907 IC1007 IC5080T
		M20	VP10RT VP20RT VP15TF VP20MF	AC520U AC5015S	AH710 AH725 AH120 SH730 GH730 GH130 GH330 AH630 SH725	PR1025 PR1125 PR1225 PR1425 PR915 PR930 PR1535	JC5003 JC5015 JC8015 JC5118	IP100S	GC1115 GC15 GC1125	KCU10 KC5010 KC5510	TS2500 CP500	IC354 IC808 IC908 IC1008 IC1028 IC3028 IC5080T
		M30	VP10RT VP20RT VP15TF VP20MF MP7035	AC520U AC530U AC1030U AC6040M AC5025S	GH330 AH725 AH120 SH730 GH730 GH130 J740 AH645 SH725	PR1125 PR1425 PR1535	JC5015 JC8015 JC5118		GC1125 GC2035	KCU25 KC5525	CP500 CP600 TTP2050	IC228 IC250 IC328 IC330 IC1008 IC1028 IC9080T
		M40	MP7035	AC530U AC6040M	J740	PR1535	JC5118		GC2035			
	K	K01										
		K10		AC510U	GH110 AH110 AH710				GC15	KCU10 KC5010 KC5510	CP200 TS2000	IC350 IC910 IC1008
		K20	VP10RT VP20RT VP15TF		GH110 AH110 AH710 AH725 AH120 GH730 GH130					KCU15 KCU25	CP200 TS2000 TS2500	IC228 IC350 IC808 IC830 IC908 IC1007 IC1008
		K30	VP10RT VP20RT VP15TF		AH725 AH120 GH730 GH130					KCU25 KC5525	CP500	IC228 IC350 IC808 IC830 IC908 IC928 IC1007 IC1008
	S	S01	MP9005 VP05RT		AH905 AH8005	PR005S PR1305	JC5003 JC8015	JP9105			TH1000	IC507 IC804 IC807 IC907 IC5080T
		S10	MP9005 MP9015 VP10RT	AC510U AC5015S	AH905 SH730 AH110 AH8005 AH120	PR005S PR015S PR1310	JC5003 JC5015 JC8015	JP9115	GC1105 GC15	KCU10 KC5010 KC5410 KC5510	CP200 CP250 TS2000 TS2050 TS2500 TH1000	IC507 IC806 IC807 IC903 IC5080T
		S20	MP9015 MT9015	AC510U AC520U AC5025S	AH120 AH725 AH8015	PR015S PR1125 PR1325	JC5015 JC8015 JC5118		GC1125	KCU10 KCU25 KC5025 KC5525	TS2500 CP500	IC228 IC300 IC328 IC808 IC908 IC928 IC3028 IC806 IC9080T
		S30	MP9025 VP15TF VP20RT	AC1030U	AH725	PR1125 PR1535	JC5118		GC1125	KC5525	CP600	IC928 IC830
	Milling	P	P01					JC8003	ATH80D ATH08M TH308 PN208 JP4105 PN15M			IC903
			P10		ACP200		PR830 PR1225	JC8003 JC8015 JC5015 JC5118	PN15M PN215 PCA12M JP4115	GC1010 GC1130	KC505M KC715M KC510M KC515M	IC250 IC350 IC808 IC810 IC900 IC903 IC908 IC910 IC950
P20			MP6120 VP15TF	ACP200	AH725 AH120 GH330 AH330	PR830 PR1225 PR1230 PR1525	JC5015 JC5040 JC6235 JC8015 JC5118 JC6235 JC7560P JC8118P	CY9020 JP4120 CY150	GC1010 GC1030 GC1130 GC2030	KC522M KC525M KC527M KC610M KC620M KC635M KC715M KC720M KC730M KTPK20	F25M MP3000	IC250 IC300 IC328 IC330 IC350 IC808 IC810 IC830 IC900 IC908 IC910 IC928 IC950 IC1008

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## PVD COATED GRADE

Classification	ISO	Mitsubishi Materials	Sumitomo Electric	Tungalay	Kyocera	Dijet	Mitsubishi Hitachi Tool	Sandvik	Kennametal	Seco Tools	Iscar		
	Symbol												
Milling	P	P30	MP6120 VP15TF MP6130 VP30RT	ACP200 ACP300	AH725 AH120 AH130 AH140 GH130 AH730 AH3035	PR1230 PR1525	JC6235 JC7560 JC8050 JC7560P JC5015 JC8118 JC5040 JC8118P JC8015 JC5118	JS4045 CY250 CY250V CY25 HC844	GC1010 GC1030 GC2030 GC1130	KC735M KC725M KC530M KC537M KCPM40	F25M MP3000 F30M MP2050	IC250 IC300 IC328 IC330 IC350 IC830 IC845 IC900 IC928 IC950 IC1008	
			P40	VP30RT	ACP300	AH140 AH3035	PR1525	JC6235 JC7560 JC8050 JC7560P JC5040 JC8118 JC5118 JC8118P JC5118	JS4060 PTH30E PTH40H JX1060 JS4060	GC2030 GC1030 GC1130	KC735M KC537M KCPM40	F40M T60M	IC300 IC328 IC330 IC830 IC928 IC1008
	M	M01						PN08M PN208					IC907
		M10		ACM100		PR1225		PN15M PN215	GC1025 GC1030 GC1010 GC1130	KC715M KC515M			IC903
		M20	VP15TF MP7130 MP7030 VP20RT	ACP200	AH725 AH120 GH330 AH330 GH110	PR1025 PR1225	JC5015 JC5118 JC8015	JP4120	GC1025 GC1030 GC1040 GC2030 S30T	KC610M KC635M KC730M KC720M KC522M KC525M KCPM40 KTPK20	F25M MP3000		IC250 IC300 IC808 IC830 IC900 IC908 IC928 IC1008
		M30	VP15TF MP7130 MP7030 VP20RT MP7140 VP30RT	ACP200 ACP300 ACM300	AH120 AH725 AH130 AH140 GH130 AH730 GH340 AH3135 AH4035	PR830 PR1225 PR1525 PR1535	JC5015 JC7560 JC8015 JC7560P JC8050 JC8118 JC5118 JC8118P	JS4045 CY250 HC844	S30T GC1040 GC2030	KC537M KC725M KC735M KCPM40 KC530M	F30M F40M MP3000 MP2050		IC250 IC300 IC328 IC330 IC380 IC830 IC882 IC928 IC1008
		M40	MP7140 VP30RT	ACP300 ACM300	AH140 AH3135 AH4035	PR1525 PR1535	JC5015 JC7560 JC5118 JC7560P JC8050 JC8118 JC8118P	PTH30E PTH40H JM4160				F40M MP2050	
	K	K01	MP8010		AH110 GH110 AH330		JC8003	ATH80D ATH08M TH308					
		K10	MP8010		AH110 GH110 AH725 AH120 GH130 AH330	PR1210 PR1510	JC8015	ATH10E TH315 CY100H	GC1010	KC514M KC515M KC527M KC635M	MK2050		IC350 IC810 IC830 IC900 IC910 IC928 IC950 IC380 IC1008
		K20	VP15TF VP20RT	ACK300	GH130	PR1210 PR1510	JC5015 JC8015 JC6235	CY150 JP4120 CY9020 PTH13S	GC1010 GC1020	KTPK20 KC514M KC610M KC520M KC620M KC524M	MK2000 MK2050		IC350 IC808 IC810 IC830 IC900 IC908 IC910 IC928 IC950 IC1008
		K30	VP15TF VP20RT	ACK300			JC6235 JC5015 JC8015 JC8118 JC8118P	CY250 JS4045	GC1020	KC522M KC725M KC524M KC735M KC537M	MK2050		IC350 IC808 IC830 IC908 IC928 IC950 IC1008
	S	S01				PR1210	JC8003 JC8015 JC5118	PN08M PN208					IC907 IC908 IC808 IC903
		S10	MP9120 VP15TF	EH520Z EH20Z ACM100		PR1210	JC8003 JC5015 JC8015 JC5118	JS1025 JP4120	GC1130 GC1010 GC1030 GC2030	KC510M	MS2050		IC903 IC907 IC908 IC840 IC910 IC808
		S20	MP9120 VP15TF MP9130 MP9030	EH520Z EH20Z ACK300 ACP300		PR1535	JC8015 JC5015 JC8050 JC5118	PTH30H	S30T GC2030 GC1030 GC1130	KC522M KC525M KCSM30 KCPM40	MS2050 MP2050		IC300 IC908 IC808 IC900 IC830 IC928 IC328 IC330 IC840 IC882 IC380
		S30		ACP300 ACM300	AH3135	PR1535	JC8050 JC7560 JC5118	JM4160	GC2030 GC1040	KC725M KCPM40	MS2050 F40M KCSM40		IC830 IC882 IC928
	H	H01	MP8010 VP05HT				JC8003 DH103 JC8008 DH102						IC903
		H10	VP15TF VP10H				JC8003 JC8008 JC8015 JC5118 JC8118P	JP4105 TH303 TH308 PTH08M ATH08M ATH80D	GC1130 GC1010 GC1030	KC505M KC510M	MH1000 F15M		IC900 IC808 IC907 IC905
		H20	VP15TF		AH3135		JC8015 JC5118 JC8118P	JP4115 TH315	GC1030 GC1130		F15M		IC900 IC808 IC908 IC380 IC1008
		H30			AH3135			JP4120			MP3000 F30M		IC380 IC900 IC1008

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## CBN

Classification	ISO	Mitsubishi Materials	Sumitomo Electric	Tungaloy	Kyocera	Dijet	Sandvik	Seco Tools	
	Symbol								
Turning	H	H01	BC8105 BC8110 MBC010 MB8110	BNC100 BNX10 BN1000	BXM10 BX310	KBN050M KBN10M KBN510		CBN060K	
		H10	BC8110 MBC020 BC8120 MB8025 MB8110 MB8120	BNC160 BNX20 BN2000	BXM20 BX330	KBN25M KBN525	JBN300	CB7015	CBN010
		H20	MBC020 BC8120 MB8025 MB8120	BNC200 BNX25 BN250	BXM20 BX360	KBN30M	JBN245	CB7025 CB20	CBN150 CBN160C
		H30	BC8130 MB8130	BNC300 BN350	BXC50 BX380	KBN35M		CB7525	CBN150 CBN160C
	S	S01	MB730	BN700 BN7000	BX950				CBN170
		S10							
		S20							
		S30							
	K	K01	MB710 MB5015	BN500 BNC500	BX930 BX910				
		K10	MB730 MB4020 MB4120	BN700 BN7500 BN7000	BX850	KBN60M	JBN795	CB7525	
		K20	MB730 MB4020 MB4120	BN700 BN7000	BX950	KBN60M	JBN500		CBN200
		K30	BC5030 MBS140	BNS800	BX90S BXC90	KBN900		CB7925	CBN300 CBN400C CBN500
		Sintered Alloy	MB4020 MB835 MB4120	BN7500 BN7000	BX450 BX470 BX480	KBN65B KBN570 KBN65M KBN70M			CBN200

## PCD

Classification	ISO	Mitsubishi Materials	Sumitomo Electric	Tungaloy	Kyocera	Dijet	Sandvik	Seco Tools	
	Symbol								
Turning	N	N01	MD205	DA90	DX180 DX160	KPD230	JDA30 JDA735	CD05	PCD05
		N10	MD220	DA150	DX140	KPD010		CD10	PCD10
		N20	MD220	DA2200	DX120		JDA715		PCD20
		N30	MD230 MD2030	DA1000	DX110	KPD001	JDA10		PCD30 PCD30M

Note 1) The above table is selected from a publication. We have not obtained approval from each company.