

Grades comparison table

CVD coating

Application	ISO Code	ZCC.CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENAMETAL	SECO	ISCAR		
Milling	P01																
	P10							ACP100			JC730U		TN2510 TN25M		IC9080 IC4100		
	P20	YBM251	GC4020 GC4220			WAP25	FH7020 F7030	ACP100			JC730U		TN7525	T200M T250M	IC520M		
	P30	YBM351	GC4030 GC4230	NCM335	TT7300	WAP35	F7030	AC230	T3030				KC930M	T250M T350M T25M	IC4050		
	P40	YBC302	GC4240 GC4040					AC230					GF30 GX2030 GX30	KC935M TN7535	T350M		
	M01																
	M10												TN25M				
	M20	YBM251 YBM253					F7030				JC730U		TN7525	T350M T25M	IC520M		
	M30	YBM351	GC2040	NCM335		WTP35	F7030		T3030				KC930M TN7535	T250M T25M	IC4050		
	M40	YBC302										GF30 GX30					
	K01										JC600				IC9080		
	K10	YBD152		NCM310		WAK15	F5010 MCS020	ACK200 AC211		T1015		JC600		TN5505 TN5515		IC4100	
	K20	YBD252	GC3220 GC3020 K20D K20W	NCM320		WAK25	F5020 MCS020	ACK200		T1015		JC610		KC915M TN5520	T150M T200M	IC520M IC5100 IC9150	
	K30	YBC302	GC3040									JC610		KC930M KC935M	T200M	IC4050 IC520M	

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Turning	P01									PR915 PR1005	JC5003					
	P	P10	YBG102	GC1525 GC1025				VP10MF		AH710	PR915 PR930 PR1025 RR1115	JC5003		KC5010 KC5510 KU10T	CP200 TS2000	IC250 IC507 IC570
		P20	YBG202	GC1525 GC1020 GC1025 GC1125	PC230			VP15TF VP20MF		AH710 AH330	PR630 PR915 PR930 PR660 PR1025 RR1225	JC5015		KC5025 KU25T	CP250 TS2500	IC908 IC928 IC1008 IC1028 IC3028
		P30	YBG202	GC1025 GC1125				VP15TF VP20MF		GH330 GH730 AH120 AH330 AH740	PR630 PR660	JC5015		KC7015 KC7020 KC7235	CP500	IC928 IC1028 IC1008 IC3028
		P40	YBG302	GC1020 GC2145	PC240			VP15TF VP20MF		AH120	PR660	JC5015		KC7040	CP500	IC928 IC1008 IC1028
		M01									PR915 PR1025					
	M	M10	YBG102	GC1005 GC1025 GC1125				VP10MF	AC510N		PR915 PR930 PR1125 PR1225	JC5003		KC5010 KC5510	CP200 TS2000	IC330 IC354 IC507 IC907 IC3028
		M20	YBG202 YBG205	GC1020 C1025 GC4125	PC9030			VP15TF VP20MF	AC520J	GH330 GH730	PR630 PR915 PR930	JC5015		KC5025 KC730 KC5525	CP200 CP500 TS2500	IC228 IC354 IC250 IC3028
		M30	YBG302	GC1020 GC2035	PC9030			VP15TF VP20MF	AC520J AC530J	AH120	PR630 PR660	JC5015		KC5025 KC5525	CP500	IC908 IC1008 IC928 IC1028
		M40		GC2035 GC2145					AC530J		PR660					IC228 IC328
	K	K01							EH10Z	AH110		JC5003				
		K10	YBG102		PC205K				EH10Z	GH110 AH110		JC5003 JC5015		KC5010 KC5510	CP200 TS2000	IC350
		K20	YBG202	GC1020	PC215K			VP10RT VP15TF VP20RT	EH20Z	AH120		JC5015		KC7015 KC7020	CP200 CP250	IC928 IC908 IC1008 IC22
	K30		GC4125				VP15TF						KC7225	CP500	IC928 IC908 IC1008 IC22	
	S	S01		GC1105				VP05RT		AH110	PR915	JC5003				IC507
		S10	YBG102 YBG105	GC1005 GC1025 GC1125				VP05RT VP10RT	AC510J	AH120	PR915 PR1125	JC5015		KC5410 KC5010	CP200 CP250	IC903
S20			GC4125				VP10RT VP15TF	AC510J AC520J		PR915			KC5025 KC5525	CP250 CP500	IC300 IC808 IC928	
S30			GC1125 GC2145				VP15TF	AC520J		PR1125						

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Milling	P	P01					ACP100				JC5003	PTH08M PCA08M PCS08M TB6005 JX1005				
							ACZ310 ACP100 ACP200			PR730 PR830 PR1025 PR1225	JC5003 JC5030	PC20M PCA12M TB6005 JX1020	KC715M		IC250 IC903 IC950	
		P20					VP15TF	ACZ310 ACZ330 ACP200			PR630 PR730 PR830 PR660 PR1025 PR1225	JC5015 JC5030 JC5040	TB6020 CY150 JX1015	KC522M KC525M	F25M MP3000	IC950 IC900 IC908 IC910
							VP15TF VP30RT	ACZ300 ACZ350 ACZ200			PR630 PR660 PR730 PR830 PR1230	JC5015 JC5040	TB6045 CY250 CY25 HC844 JX1045 PTH30E	KC725M	F25M, F30M MP3000	IC900 IC928 IC300 IC328 IC1008
	P40					VP30RT	ACZ350 ACP300			PR660 PR1230	JC5040	PTH30E TB6060 PTH40H	KC735M	F40M, T60M	IC900 IC928 IC300 IC328	
		M01											PCS08M			
	M	M10					WXM15	ACP200			PR630 PR730 PR830	JC5003	CY9020 JX1020	KC715M		IC903
								VP15TF VP20RT	ACZ310 EH20Z ACP300			PR630 PR730 PR830 PR660	JC5015 JC5030 JC5040	TB6020 CY150 JX1015	KC730 KC522M KC525M	F25M MP3000
		M30					VP30RT	ACZ330 EH20Z ACZ350			PR630 PR660 PR730 PR830 PR1225	JC5015 JC5030 JC5040	TB6045 CY250 HC844	KC725M KC735M	F30M F40M	IC928 IC328 IC1008
			M40					VP30RT	ACZ350 ACP300			PR660	JC5015	TB6060 PTH40H JX1060		

Application	ISO Code	ZCC-CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENAMETAL	SECO	ISCAR		
Milling	K	K01							AH110	PR510 PR905	JC5003	PTH08M PCA08M PCS08M					
		K10	YBG102	GC1010	PC205K		WXH15 WXM15		ACZ310 ACK200	AH110 GH110	PR510 PR905	JC5003	CY9020 TB6005 CY100H	KC510M		IC900 IC910	
		K20	YBG202 YBG152	GC1010 GC1020	PC215K	TT6030		VP15TF VP20RT	ACZ310 ACK200	AH120	PR510 PR905	JC5015	TB6020 CY150 PTH13S	KC520M KC525M	MK2000		IC910 IC950
	S	K30		GC1020				VP15TF VP20RT	ACZ330 ACK300			JC5015	TB6045 CY250 PTH40H	KC725M KC735M			IC908 IC950 IC928
		S01										JC5003					
		S10	YBG102	GC1025		TT6030		VP15TF	EH520Z	AH120	PR660	JC5015	PCS08M	KC510M			IC908
	H	S20		GC1025		TT8020	WXM35	VP15TF	EH520Z EH20Z		PR660		CY100H CY10H	KC522M KC525M			IC908
		S30		GC2030 S30T		TT8030 TT9030			ACK300		PR660			KC725M	F40M		IC328 IC928
		H01										JC5003					IC903
	H	H10		GC1010 GC1030			WXH15	VP15TF				JC5015	PTH08M PCA08M JX1005	KC635M	MH1000 F15M		IC900
		H20		GC1010			WXP45	VP15TF						KC635M	F15M		IC1008 IC808
		H30		GC1030										KC530M	F30M MP3000		IC1008 IC908

Grades comparison table

ISO Code	ZCC.CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENAMETAL	SECO	ISCAR
P	P01		CC105 CN100			AP25N	T110A T2000Z	NS520 AT520 GT520 GT720	TN30 PV30	LN10 CX50				IC20N IC520N
	P10	YNG151 YNG151C	CC15 CN200 CT10	PV3010		AP25N NX2525	T1200A T2000Z	NS520 AT530 GT720 GT730	TN60 PV60 TN6020 PV7020	CX50 CX75	CZ25	KT125 KT315	CM CMP	IC20N IC520N IC530N
	P20		GC1525	CT3000		AP25N UP35N NX2525 NX3035	T1200A T2000Z T3000Z	NS530 GT530 GT730 NS730	TN10 TN6020 PV90 PV7020	CX75	CH550	KT5020 KT325 KT1120		IC20N IC75T IC30N IC520N IC530N
P30						VP45N	T3000Z	NS530 NS730						IC75T IC30N
M	M01													
	M10	YNG151 YNG151C	GC1525	PV3010		NX2525 AP25N	T110A T2000Z	NS520 AT530 GT530 GT720	TN60 TN6020 PV60 PV7020	LN10 CX50		KT125	CM CMP	
	M20			CT3000		NX2525, AP25N NX3035	T1200A T2000Z	NS530 GT730 NS730	TN90 TN6020 PV90 PV7020	CX50 CX75	CH550			
	M30						T3000Z							
K	K01		CC105 CN100			AP25N NX2525	T110A T2000Z	NS520 AT520 GT520 GT720	TN30 PV30	LN10				
	K10	YNG151 YNG151C	CC115	CT3000		AP25N NX2525	T1200A T2000Z	NS520 GT530 GT730 NS730	TN60 PV60 TN6020 PV7020	LN10		KT325 KT125		
	K20					AP25 NX2525	T3000Z			CX75				
Application	Turning													

Grades comparison table



Application	ISO Code	ZCC-CT	SANDVIK	KORLOY	TaeguTec	WALTER	MITSUBISHI	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENAMETAL	SECO	ISCAR	
Milling	P01															
	P10	YNG151		CN100	CT3000		NX2525			TN60	CX75			C15M	IC30N	
		YNG151C														
	P20		CT530	CN20	CT520		NX2525		NS530	TN100M	CX75 CX90	CH550 CH7030 MZ1000 MZ2000	KT530M HT7 KT605M	C15M	IC30N	
	P30			CN30			NX4545	T250A	NS530 NS540 NS740		CX90 CX99	MZ3000 CH7035			IC30N	
	M01															
	M10	YNG151				CT3000		NX2525			TN60					IC30N
		YNG151C														
	M20		CT530			CT520		NX2525		NS530	TN100M	CX75	CH550 CH7030 MZ1000 MZ2000	KT530M HT7 KT605M	C15M	IC30N
	M30							NX4545	T250A	NS540 NS740		CX90 CX99	MZ3000 CH7035			
K01																
K10	YNG151				CT520		NX2525		NS530	TN60						
	YNG151C															
K20							NX2525				CX75		KT530M HT7			
K30																

Grades comparison table

PCBN grade

ISO Code	ZCC.CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	SECO	Element Six
H01					WCB30	MBC010 MB810	BNX10 BNC30	BXM10 BX310 BXC30			CBN050C CBN100	
H10	YCB012	CB7015 CB7020 CB20	KB320 KB330 KB420	KB90 KB90A	WCB50	MBC020 MB8025 MB820	BNC80 BNX20 BNC160	BXM20 BX330 BXA30	KBN510	JBN300	CBN10 CBN200	DBC50
H20		CB7025 CB7050 CB50				MBC020 MB8025 MB825	BN250 BNC200 BNX25	BXC50	KBN525	JBN245	CBN150 CBN200	DBN45
H30						MBC020 MB835	BNC300 BN350	BX380			CBN300 CBN350	
S01	YCB011					MB730	BN600 BN700	BX450 BX950 BX480				
S10												
S20												
S30												
K01						MB710	BN500	BX930			CBN300 CBN300P	
K10	YCB011	CB50 CB7050	KB350 KB360	KB90 KB90A	WCB50	MB710 MB730	BN700	BX480 BX950	KBN65B	JBN795	CBN200	DBA80
K20						MB730 MBS140	BN700 BNS800	BXC90	KBN900	JBN330	CBN300	
K30						MBS140	BNS800	BXC90			CBN350	

PCD grade

ISO Code	ZCC.CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	SECO	Element Six
N01						MD205	DA90	DX180	KPD001 KPD025	JDA735	1700 1800	CTH025
N10	YCD011	CD10	DP90 DP150 DP200	KP500	WCD10	MD205 MD220	DA150	DX160	KPD010	JDA745	1500	CTB010
N20						MD220 MD230	DA200 DA2200	DX140 DX120	KPD002 KPD230	JDA715 JDA10	1300	CTB002
N30						MD230	DA1000 DA2200		KPD001		1600	

Grades comparison table

Cemented carbide material

Application	ISO Code	ZCC-CT	SANDVIK	KORLOY	Taegu Tec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENNAMETAL	SECO	ISCAR	
Turning	P01			ST05												
	P10	YC10	S1P	ST10	P10			ST10P	TX10S		SRT	WS10	P10		IC70	
	P20		SMA	ST20	P20		UT120T	ST20E	TX20 TX25		SRT DX30	EX35	K125M TTM		IC70 IC50M	
	P30		SM30	ST30A	P30		UT120T	A30 A30N	TX30 UX30	PW30	SR30 DX30	EX35 EX40	GK K600 TTR		IC50M IC54	
	P40	YC40	S6					ST40E	TX40		SR30 DX35	EX45	G13		IC54	
	M10	YC10	H10A	U10	M10			EH510 U10E	TU10		UMN	WA10B	K313	890		
	M20		H13A	U20	M20		UT120T	EH620 U2	TU20 UX30		DX25 UMS	EX35	K68 KMF K125M TTM	HX 883	IC08	
	M30	YC40	H10F SM30	ST30A			UT120T	A30 A30N	UX30		DX25 UMS	EX40 EX45	K600 TTR		IC08 IC28	
	M40		S6	U40	M40				TU40		UM40	EX45	G13		IC128	
	K01	YD051	H1P	H02			UT105T	H1 H2	TH03 KS05F		KG03	WH05	K605			
	K10	YD101	H1P H10 HM	H01	K10		HT110	EH10 EH510	G1F TH10	KW10	KG10 KT9	WH10	K313 K110M THM THM-J	890	IC20	
	K20	YD201	H13A	G10	K20		UT120T	G10E EH20 EH520	G2F KS15F G2 KS20	GW10	CR1 KG20	WH20	K715 KMF K600	890 HX 883	IC20 IC10	
	K30			G3			UT120T	G10E	G3		KG30		THR	883	IC10 IC28	
	N01		H10 H13A					H1 H2	KS05F		KG03		K605			
	N10	YD101		H01	K10		HT110	EH10 EH510	TH10 H10T		KG10 KT9		K313 K110M THM THM-U	890 H15		
	N20	YD201			K20			G10E EH20 EH520	KS15F		CR1 KG20		K715 KMF K600	HX KX 883 H15 H25		
	N30										KG30		G13 THR	H25		
	S01						RT9005				KG03					
	S10	YD101	H10 H10A H10F H13A	H01	K10		RT9005 RT9010	EH10 EH510	KS05F TH10		FZ05 KG10		K10 K313 THM	890		
	S20						RT9010 TF15	EH20 EH520	KS15F KS20		FZ15 KG20		K715 KMF	890 883 HX H25		
S30						TF15				KG30		G13 K600 THR				

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Cemented carbide material

Application	ISO Code	ZCC-CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENAMETAL	SECO	ISCAR		
Milling	P	P10	S1P								SRT						
		P20		ST20	P10		UT120T	A30N	TX25		SRT DX30	EX35	K125		IC50M IC28		
		P30		ST30A	P20		UT120T	A30N	UX30		SR30 DX30	EX35 EX40	GX K600		IC50M IC28		
		P40	YC40		P30						SR30	EX45			IC28		
	M	M10	YC10		U10	M10						UMN		K110M			
		M20		U20	M20		UT120T	A30N				DX25 UMS	EX35	K313			
		M30	YC40				UT120T	A30N	UX30			DX25 UMS	EX40 EX45	KFM K600		IC28	
		M40		U40	M40				TU40				EX45			IC28	
	K	K01	YD051		H01			UT105T				KG03					
		K10	YD101	H1P	H05 H10	K10	WK10	HT110	G10E	TH10	KW10	KG10	WH10	K110M K313		IC20	
		K20	YD201		G10	K20		UT120T	G10E			KT9 CR1 KG20	WH20	KFM	HX	IC20 IC10	
		K30							UT120T				KG30				IC10 IC28