

Grades comparison table

PVD coating

Application	ISO Code	ZCC-CT	SANDVIK	KORLOY	TaeguTec	WALTER	MITSUBISHI	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENAMETAL	SECO	ISCAR	
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			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	AC520U	GH330 GH730	PR630 PR915 PR930	JC5015		KC5025 KC730 KC5525	CP200 CP500 TS2500	IC228 IC354 IC250 IC3028
		M30	YBG302	GC1020 GC2035	PC9030			VP15TF VP20MF	AC520U AC530U	AH120	PR630 PR660	JC5015		KC5025 KC5525	CP500	IC908 IC1008 IC928 IC1028
		M40		GC2035 GC2145					AC530U		PR660					
	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	AC510U	AH120	PR915 PR1125	JC5015		KC5410 KC5010	CP200 CP250	IC903
S20				GC4125			VP10RT VP15TF	AC510U AC520U		PR915			KC5025 KC5525	CP250 CP500	IC300 IC808 IC928	
S30			GC1125 GC2145				VP15TF	AC520U		PR1125						

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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
	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
	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
	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

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Application	ISO Code	ZCC.CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENAMETAL	SECO	ISCAR	
Turning	P	P01		CC105 CN100			AP25N	T110A T2000Z	NS520 AT520 GT520 GT720	TN30 PV30	LN10 CX50				IC20N IC520N	
				CC15 CN200 CT10	PV3010	AP25N NX2525	T1200A T2000Z	NS520 AT530 GT720 GT730 PV60 PV7020	TN60 TN6020 PV60 PV7020	CX50 CX75	CZ25	KT125 KT315	CM CMP	IC20N IC520N IC530N		
		P20	CT5015 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			PV3010		NX2525 AP25N	T110A T2000Z	NS520 AT530 GT530 GT720	TN60 TN6020 PV60 PV7020	LN10 CX50		KT125	CM CMP	
					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	CT5015	CC115	CT3000		AP25N NX2525	T1200A T2000Z	NS520 GT530 GT730 NS730 PV60 PV7020	TN60 TN6020 PV60 PV7020	LN10		KT325 KT125		
		K20						AP25 NX2525	T3000Z			CX75				

Grades comparison table

PCBN grade

Application	ISO Code	ZCC.CT	SANDVIK	KORLOY	TaeguTec	WALTER	mitsubishi	SUMITOMO	TUNGALOY	KYOCERA	DIJET	SECO	Element Six	
Turning	H	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	
	S	S01	YCB011					MB730	BN600 BN700	BX450 BX950 BX480				
		S10												
		S20												
		S30												
		K	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

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

Grades compered comparison table

Cemented carbide material

ISO Code	ZCC.CT	SANDVIK	KORLOY	TaeguTec	WALTER	MITSUBISHI	SUMITOMO	TUNGALOY	KYOCERA	DIJET	HITACHI	KENNAMETAL	SECO	ISCAR
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	EH520 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			UT05T	H1 H2	TH03 KS05F		KG03	WH05	K605		
K10	YD101	H1P H10 HM	H01	K10		HT10	EH10 EH510	G1F TH10	KW10	KG10 KT9	WH10	K313 K110M THM THM-U	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	WK10	HT10	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		

Application

Turning

Grades comparison table

Cemented carbide material

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P	P10	YC10	S1P								SRT				
	P20			ST20	P10		UT120T	A30N	TX25		SRT DX30	EX35	K125		IC50M IC28
	P30			ST30A	P20		UT120T	A30N	UX30	PW30	SR30 DX30	EX35 EX40	GX K600		IC50M IC28
	P40	YC40		ST40	P30					PW30	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