ÇAKIROGLU İTH.İHR.LTD.ŞTİ.
CARBİDE İNSERTD USE İNFORMATIONS

TURNING

ISO	KORLOY			SEI			KYOCERA			ISCAR			SANDVIK			SECO			KENNAMETAL			TOSHIBA			MITSUBISHI			HITACHI			VALENITE			WALTER		
	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET
ÇELİK İÇİN P	ST10 ST15 ST30A ST40 ST45	NC310 NC320 NC330	CN100 CT10 CC115★ CN200 CN20	ST10P ST20E A30 ST40E	AC1000 AC2000 AC3000	T110A T2000Z★ T1200A T130A CN8000		CR7015 CR7025 CA5025	TN30 PV30★ TN60 PV60★ TN90	IC50M IC54	IC8048 IC8015 IC8025	IC820N IC830N IC830N	S1P SM30 S30T S6	GC4015 GC4025 GC4035	CT5015 CT525 GC525★	TTX TTM TTR	TP100 TP200 TP300	CM CM C18M	K45 KM K420	KC9110 KC9010 KC9125 KC9025 KC9050 KC9040 KC9045	HT2 KT125 HT5 KT175 KT195M	TX10S TX20 TX30 TXA0	TD995 T7005 TD915 T7010 TD930	NS520 GT530★ NS530 NS540 NX08	ST10T ST20T UT20T	UE6005 UC6010 UE6020 UC6025 UE6035	NX1010 NX2525 UP35N★ AP25N★ NX335	SP05 WS20B EX35 EX40 EX45	GM8015 GM8020 GM8035	CH350 CZ25★ CH330 CH350 CH370	S1F VC6 VC5 VC56	SV3005 SV3010 SV3025 SV3300	VC83		WAP10 WAP20 WAP30	
PAŞLANMAZ M	U10 U20 ST30A U40	NC3020 NC325S NC330 PC9030★	CN200	U10E U2 A30 A40	AC304 AC3000			CA6015 PR905★ PR915★ PR930★			IC8025 IC3028★		H13A H10F	GC2015 GC2025 GC2035★		AT10 AT15 TTR	TP400 CP50★		K2885 K25	KC5410★ KC9215 KC9310★ KC9245 KC9025★		TU10 TU20 TU40	T6020 T6030		UT20T	US7020 US735		WAM10 B EX35	GM25 GX30		VC27 VC28			WAM820	
DÖKÜM İÇİN K	H02 H01 H05 G10	NC3090K NC315K		H1 G10E	AC300G EH510Z★ AC600G EH520Z★ AC700G		KW10H	CA6010 CR7015 PR610★		IC4 IC20 IC28	IC8015 IC4050		H1P H10F	GC3005 GC3015 GC3025		THM THR	TX100 TX150		K68 K6735	KC9315 KC8025 KC7310★		TH03 TH10 KS20	T5010 T5020		HTi10T HTi20T	UC5005 GP10H★ UC5015 LP10H★ UC6010		WH05 W10 WH20	GM3005 GM3015		VC3 VC2 VC1	SV405 SV415 SV515		WTA13 WTA33	

ISO	CERMET																																			
MİLLİNG P	NCM325 PC530★ PC9530★ NCM335	CN20 CN000 CN30	AC320 AC2000★ AC2050★	T12A T1200A T250A	PR730★ PR930★	TN100M TC60M	IC320N IC335 IC350★ IC808★	IC30N	GC1015★ GC1025★ GC4020 GC4030 GC1120★ GC4040		T20M T25M CP200★ CP300★		KC725M★ KC762M★	KT183M	T325 AH530★ AH740★	NS540 N308	FT030 GP20M★ AP20M★	NX2325 NX55 NX4545	CY150★ CY250★	CH550 CH570	SV305★ SM245		WQN15 WTL41 WQN25 WTL71 WQN35	
M	PC130★ NCM335 PC9530★	CN000 CN30	EH10Z★ EH20Z★		PR930★		IC328★		GC10005★ GC2030 GC2040		CP200★ CP50★		KC9240 KC715M★				AP15TF★		HC844★				WQN25	
K	NCM310K PC20K★ NCM320K PC21K★		AC211 AC2310★		PR610★		IC4050 IC910★		GC3020 GC1030★ GC3040		T15M		KC992M KC720M★		T1015 AH110★		F5010 AP10H★		CY10H★		V01 VN8		WTA11 WTA21	

★ Coated★ : PVD
Cermet★ : cermet+PVD

GENEL ELMAS DEGERLERİ

■ The Comparison of Cutting Grade

		KORLOY			SUMITOMO			SANDVIK			KENNAMETAL			KYOCERA			MITSUBISHI			ISCAR			TOSHIBA			SECO			WIDIA			TAEGUTEC		
		TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	TUNGSTEN CARBIDE	COATED	CERMET	UNCOATED	COATED	CERMET
P 강삭용	P01-P10 08	ST05	NC310	CC105 CC115		AC105 AC05A	T05A T12Z	S1P S10	GC4015	CT515 CT5015		KC910	KT125		CR7015 CA110	TN30		UE6005	NX22 NX1010				NS530		N302 NS520	320	TP100 TP05	FH10		HK15 TK15	TT1 TT115	P10	KT150	
	P10-P20 08-07	ST10P ST15	NC320	CT10 CN200	ST10P	AC2000	T12A T130Z T1200A	S1P S10	GC4015	CT5015 CT325 CT520	K5H K45 K4H	KC950 KC9025	KT175 KZ205		CA5025	TC40N	STi10T	UC6010 UC610	NX33 NX55 NX2525 UP35N	IC50M	IC818 IC9015 IC8048 IC8005		TX10S TX10D	T715X T7015 GH110	NS530 N308	570	TP10 TP15	FH15M	TTX	TN200 TN250 TN25	TT125	P20	TT1500 KT250	CT10 CT320
	P20-P30 07-06	ST20	NC320	CN20	ST20E	AC700	T130A CN8000	S30 SM30 SMA	GC4025 LC25	GC1525 CT525 CT520	K29 K2885	KC8050			CR7025 CA225 CR9025	TN60	STi20	UE6020 UC625 UE6025	NX335 NX99	IC50M	IC805 IC815 IC9025 IC8025	IC30N	TX20 UX25 TX25	T725X T7025 GH330	N350	350 62 61G	TP200 TP20 CP20		TTM TTS	TN250		P30	TT2500	CT20
	P30-P40 06-05	MA2 ST30A ST30N	NC330	CN30	ST30A A30N	AC225 AC3000 AC325		S6 S30 SM30 SMA	GC4035	GC1525 GC525 GT530	K2884 K21 K2S K6225	KC935 KC9040		PW30	CA335	TN90 TC60M	UTi20T	UE6035		IC54	IC825 IC3028 IC656	IC30N	UX30 TX30			370 S4 380 61G	TP300 TP30 TP35 CP30		TTR	HK35 TN35 TN350		P30	KT350	CT30 KT450
	P40-P50 05	ST40 ST45 ST50	NC40		ST40E			S6 S4 AMA	GC215 GC235		KM K420	KC9045						US735		IC54	IC635	IC30N	TX40	T370 T823		390	TP40 CP40 CP50							
비철금속 N	N01-N10 05-04	H2	NC305K		H2	AC300G		H1P	GC3015	CT515		KC9010 KC910 KC9315	KT175		CA4010	TN30 PV30	UTi03A UTi05T HTi10	U505	NX22 NX1010	IC4	IC910 IC428		TH03	T5010	NS520	999 895	TP100 TP05 TX150		THM-F THM	HK150		K01	TT1300	
	N10-N20 04-03	H01 H05 G10	NC315K		EH20 G10	AC500G EH110Z	T12A	HM H10A SMA	GC4015		K6,K68 K8735 K40	KC9325 KC990 KC730		KW10	CR7015	TC40N	HTi10T	U410 UC5015 UC325S		IC20	IC8048 IC8005		TH10 H10T GIF	T221 T5020 GH110		875 883	TP10 TP15		TPM	HK150		K10	TT1500	
	N20-N30 02-01	G2 G3	NC123K		G3	AC700G AC2000 EH20Z		H10F	GC4025		K313 K1	KC935 KC9040 KC250 KC9045					HTi20 HTi20T	UC6010		IC28	IC9015 IC818 IC9028 IC4050 IC950		G2F KS20 G2,G3	T5020		875	TP20 CP20		THR	HK35		K20,K30		