

P															
		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
GC4305/GC4205		WP05CT	WP15CT	PF,QF	FF	PF, UF	FP	PM, QM	MR*, ML, RU	PM, UM	MP*,MU,FP	PR, QR	RH*, RU,UR	PR, UR	MU*, MP
GC4415/GC4315/GC4215		WP15CT	WP25CT	PF,QF	FF	PF, UF	FP	PM, QM	MR*, ML, RU	PM, UM	MP*,MU,FP	PR, QR	RH*, RU,UR	PR, UR	MU*, MP
GC4425/GC4325/GC4225		WP25CT	WP35CT	PF,QF	FF	PF, UF	FP	PM, QM	MR*, ML, RU	PM, UM	MP*,MU,FP	PR, QR	RH*, RU,UR	PR, UR	MU*, MP
GC4335/GC4235		WP35CT	WM35CT					PM, QM	MR*, ML, RU			PR, QR	RH*, RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
TP0501/TP1501		WP05CT	WP15CT	MF1,MF2,FF1	FF	FF1,F1	FP	M3, M4,MF3	MR*, ML, RU	MF2,F2,M3	MP*,MU,FP	M5,MR6,MR7	RH*, RU,UR	M5,M3	MU*, MP
TP1501, TP1500		WP15CT	WP25CT	MF1,MF2,FF1	FF	FF1,F1	FP	M3, M4,MF3	MR*, ML, RU	MF2,F2,M3	MP*,MU,FP	M5,MR6,MR7	RH*, RU,UR	M5,M3	MU*, MP
TP2501/TP25/TP2500		WP25CT	WP35CT	MF1,MF2,FF1	FF	FF1,F1	FP	M3, M4,MF3	MR*, ML, RU	MF2,F2,M3	MP*,MU,FP	M5,MR6,MR7	RH*, RU,UR	M5,M3	MU*, MP
TP3501/TP40/TP3500		WP35CT	WM35CT					M3, M4,MF3	MR*, ML, RU	MF2,F2,M3		M5,MR6,MR7	RH*, RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
IC8150		WP05CT	WP15CT	F3P,PF,NF,SF	FF	PF	FP	M3P,RF,GN	MR*, ML, RU	SM	MP*,MU,FP	R3P, NR	RH*,RU,UR	19, SM	MU*, MP
IC8150		WP15CT	WP25CT	F3P,PF,NF,SF	FF	PF	FP	M3P,RF,GN	MR*, ML, RU	SM	MP*,MU,FP	R3P, NR	RH*,RU,UR	19, SM	MU*, MP
IC8250		WP25CT	WP35CT	F3P,PF,NF,SF	FF	PF	FP	M3P,RF,GN	MR*, ML, RU	SM	MP*,MU,FP	R3P, NR	RH*,RU,UR	19, SM	MU*, MP
IC8350/IC3028		WP35CT	WM35CT					M3P,RF,GN	MR*, ML, RU			R3P, NR	RH*,RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
UE6105/MC6015		WP05CT	WP15CT	FH,FP,LP,SH	FF	FV,SV	FP	MH,MP,MV	MR*, ML, RU	MV, MQ,MT	MP*,MU,FP	GH,RP	RH*,RU,UR	G, MT	MP*, FP
UE6110		WP15CT	WP25CT	FH,FP,LP,SH	FF	FV,SV	FP	MA	MR*, ML, RU	MV, MQ,MT	MP*,MU,FP	GH,RP	RH*,RU,UR	G, MT	MP*, FP
UE6020/MC6025		WP25CT	WP35CT	FH,FP,LP,SH	FF	FV,SV	FP	MA	MR*, ML, RU	MV, MQ,MT	MP*,MU,FP	GH,RP	RH*,RU,UR	G, MT	MP*, FP
UH6400/MC6035		WP35CT	WM35CT					MA	MR*, ML, RU			GH,RP	RH*,RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
AC8015P		WP05CT	WP15CT	SU,FE,SE	FF	FC,FY,FX	FP	GE,UX,GU	MR*, ML, RU	MU,SC SU,LB	MP*,MU,FP	MX,MU,ME	RH*,RU,UR	MU	MU*, MP
AC8020P/AC810P		WP15CT	WP25CT	SU,FE,SE	FF	FC,FY,FX	FP	GE,UX,GU	MR*, ML, RU	MU,SC SU,LB	MP*,MU,FP	MX,MU,ME	RH*,RU,UR	MU	MU*, MP
AC8025P		WP25CT	WP35CT	SU,FE,SE	FF	FC,FY,FX	FP	GE,UX,GU	MR*, ML, RU	MU,SC SU,LB	MP*,MU,FP	MX,MU,ME	RH*,RU,UR	MU	MU*, MP
AC8035P/AC830P/AC6030M		WP35CT	WM35CT					GE,UX,GU	MR*, ML, RU			HU,HP,HG	RH*,RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
WPP05S		WP05CT	WP15CT	FP5,FV5	FF	FP4,PF4,FV4	FP	MP3,MP5,MV5	MR*, ML, RU	MP4,PM5,MV4	MP*,MU,FP	RP5,RP7	RH*,RU,UR	RP4,PM5	MU*, MP
WPP10S/WPV10		WP15CT	WP25CT	FP5,FV5	FF	FP4,PF4,FV4	FP	MP3,MP5,MV5	MR*, ML, RU	MP4,PM5,MV4	MP*,MU,FP	RP5,RP7	RH*,RU,UR	RP4,PM5	MU*, MP
WPP20S/WPV20		WP25CT	WP35CT	FP5,FV5	FF	FP4,PF4,FV4	FP	MP3,MP5,MV5	MR*, ML, RU	MP4,PM5,MV4	MP*,MU,FP	RP5,RP7	RH*,RU,UR	RP4,PM5	MU*, MP
WPP30S		WP35CT	WM35CT					MP3,MP5,MV5	MR*, ML, RU			NRR,NR8	RH*,RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
TT8105		WP05CT	WP15CT	FLP, FA	FF	FG,FA	FP	MT,MGP	MR*, ML, RU	MT,FM	MP*,MU,FP	RT, RGP	RH*,RU,UR	PMR,MT	MU*, MP
TT8115		WP15CT	WP25CT	FLP, FA	FF	FG,FA	FP	MT,MGP	MR*, ML, RU	MT,FM	MP*,MU,FP	RT, RGP	RH*,RU,UR	PMR,MT	MU*, MP
TT5100,TT8125		WP25CT	WP35CT	FLP, FA	FF	FG,FA	FP	MT,MGP	MR*, ML, RU	MT,FM	MP*,MU,FP	RT, RGP	RH*,RU,UR	PMR,MT	MU*, MP
TT7100, TT8135		WP35CT	WM35CT					MT,MGP	MR*, ML, RU			RT, RGP	RH*,RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
T9105		WP05CT	WP15CT	TF,TSF,AS	FF	PSF,PSS	FP	TM, AM	MR*, ML, RU	PS,PM	MP*,MU,FP	TH, THS	RH*,RU,UR		MU*, MP
T9215,T9115		WP15CT	WP25CT	TF,TSF,AS	FF	01,PSF,PSS	FP	TM, AM	MR*, ML, RU	PS,PM	MP*,MU,FP	TH, THS	RH*,RU,UR		MU*, MP
T9225,T9125		WP25CT	WP35CT	TF,TSF,AS	FF	01,PSF,PSS	FP	TM, AM	MR*, ML, RU	PS,PM	MP*,MU,FP	TH, THS	RH*,RU,UR		MU*, MP
T9135,T6130		WP35CT	WM35CT					TM, AM	MR*, ML, RU			TH, THS	RH*,RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
CA5505, CA510		WP05CT	WP15CT	DP,GP,PP,HQ	FF	GK, GP, DP	FP	HS,CS,GS	MR*, ML, RU	GQ,HQ,-MT	MP*,MU,FP	PT,GT, HT	RH*,RU,UR	PMR	MU*, MP
CA5515,CA515		WP15CT	WP25CT	DP, GP, PP,HQ	FF	GK, GP, DP	FP	HS,CS,GS	MR*, ML, RU	GQ,HQ,-MT	MP*,MU,FP	PT,GT, HT	RH*,RU,UR	PMR	MU*, MP
CA5525, CA525		WP25CT	WP35CT	DP, GP, PP,HQ	FF	GK, GP, DP	FP	HS,CS,GS	MR*, ML, RU	GQ,HQ,-MT	MP*,MU,FP	PT,GT, HT	RH*,RU,UR	PMR	MU*, MP
CA5535,CA530		WP35CT	WM35CT					HS,CS,GS	MR*, ML, RU			PT,GT, HT	RH*,RU,UR		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
CTCP110		WP05CT	WP15CT	F40, F50, CF	FF	CF05,SF,CF55	FP	M40.M50,M70,XU	MR*, ML, RU	CF55,SMF,SM	MP*,MU,FP	R28,258,R88	RH*,RU,UR		MU*, MP
CTCP115		WP15CT	WP25CT	F40, F50, CF	FF	CF05,SF,CF55	FP	M40.M50,M70,XU	MR*, ML, RU	CF55,SMF,SM	MP*,MU,FP	R28,258,R88	RH*,RU,UR		MU*, MP
CTCP125		WP25CT	WP35CT	F40, F50, CF	FF	CF05,SF,CF55	FP	M40.M50,M70,XU	MR*, ML, RU	CF55,SMF,SM	MP*,MU,FP	R28,258,R88	RH*,RU,UR		MU*, MP
CTCP135		WP35CT	WM35CT					M40.M50,M70,XU	MR*, ML, RU				RH*,RU,UR		

Continuous Cutting	Eccentric or uneven cutting	Light Interruption	Heavy Interruption
Negative Insert	Positive Insert		
Fine Finishing/ Finishing	Medium	Roughing	

M

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
GC2015		WM15CT*		MF	UF	MF,UF	FP	MM	MR, UM	MM,UM	MU, MP	MR	UR,RU	MR, UR	MU, MP
GC2015, GC2025		WM15CT*	WM25CT	MF	UF	MF,UF	FP	QM, MM	MR, UM	MM,UM	MU, MP	MM, MR	UR,RU	MR, UR	MU, MP
GC2025/GC2220		WM25CT*	WP35CT					QM, MM	MR, UM	MM,UM	MU, MP	MM, MR	UR,RU	MR, UR	MU, MP
GC2035		WM35CT*	WP35CT					QM, MM	MR, UM	MM,UM		MM, MR	UR,RU	MR, UR	

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
TM1501		WM15CT*		MF1,MF2	UF	FF1,F1	FP	MF3,M3	MR, UM	MF2,F2	MU, MP	MF4,MF5	UR,RU	M3,M5	MU, MP
TM2000		WM15CT*	WM25CT	MF1,MF2	UF	FF1,F1	FP	MF3,M3	MR, UM	MF2,F2	MU, MP	MF4,MF5	UR,RU	M3,M5	MU, MP
TM250		WM25CT*	WP35CT	MF1,MF2	UF	FF1,F1	FP	MF3,M3	MR, UM	MF2,F2	MU, MP	MF4,MF5	UR,RU	M3,M5	MU, MP
TM3501/TM4000		WM35CT*	WP35CT					MF3,M3	MR, UM			MF4,MF5	UR,RU		

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
IC6015		WM15CT		F3M, SF,PF,NF	UF	-14	FP	M3M ,TF , PP	MR, UM	PF	MU, MP	MR,R3M	UR,RU	SM	MU, MP
IC6015/IC907		WM15CT	WM25CT	F3M, SF,PF,NF	UF	-14	FP	M3M ,TF , PP	MR, UM	PF	MU, MP	MR,R3M	UR,RU	SM	MU, MP
IC6025/IC8350		WM25CT	WM25CT	F3M, SF,PF,NF	UF	-14	FP	M3M ,TF , PP	MR, UM	PF	MU, MP	MR,R3M	UR,RU	SM	MU, MP
IC3028/IC8350/IC908		WM35CT	WM25CT					M3M ,TF , PP	MR, UM			MR,R3M	UR,RU		

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
US7020/MC7015		WM15CT		SH, MS	UF	FV	FP	MA, MS	MR, UM	MV	MU, MP	GH, MH	UR,RU	MV	MU, MP
US7020/MC7015		WM15CT	WM25CT	SH, MS	UF	FV	FP	MA, MS	MR, UM	MV	MU, MP	GH, MH	UR,RU	MV	MU, MP
MC7025		WM25CT	WM25CT					MA, MS	MR, UM	MV	MU, MP	GH, MH	UR,RU	MV	MU, MP
MC7035,US735		WM35CT	WM25CT					MA, MS	MR, UM	MV		GH, MH	UR,RU	MV	MU, MP

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
AC6020M/AC610M		WM15CT		SU,EF	UF	FC	FP	EG, GU	MR, UM	LB,SU	MU, MP	EM,MU	UR,RU	MU	MU, MP
AC6020M/AC610M		WM15CT	WM25CT	SU,EF	UF	FC	FP	EG, GU	MR, UM	LB,SU	MU, MP	EM,MU	UR,RU	MU	MU, MP
AC6030M		WM25CT	WM25CT	SU,EF	UF	FC	FP	EG, GU	MR, UM	LB,SU	MU, MP	EM,MU	UR,RU	MU	MU, MP
AC6040M/AC630M/AC8035P		WM35CT	WM25CT					EG, GU	MR, UM			EM,MU	UR,RU		

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
WSM10S		WM15CT		NF4, NS4	UF	PF4	FP	NR4, NM4	MR, UM	PM5	MU, MP	NR4, NM4	UR,RU	PM5	MU, MP
WSM20S		WM15CT	WM25CT	NF4, NS4	UF	PF4	FP	NR4, NM4	MR, UM	PM5	MU, MP	NR4, NM4	UR,RU	PM5	MU, MP
WSM20S		WM25CT	WM25CT	NF4, NS4	UF	PF4	FP	NR4, NM4	MR, UM	PM5	MU, MP	NR4, NM4	UR,RU	PM5	MU, MP
WSM30S		WM35CT	WM25CT					NR4, NM4	MR, UM	PM5		NR4, NM4	UR,RU	PM5	

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
TT9215/TT5080		WP15CT		EA, SF	UF	FA	FP	EM,ML,GS	MR, UM	FG, PC	MU, MP	ET	UR,RU	MT	MU, MP
TT5100,TT9225		WP15CT	WP25CT	EA, SF	UF	FA	FP	EM,ML,GS	MR, UM	FG, PC	MU, MP	ET	UR,RU	MT	MU, MP
TT9235		WP25CT	WP15CT	EA, SF	UF	FA	FP	EM,ML,GS	MR, UM	FG, PC	MU, MP	ET	UR,RU	MT	MU, MP
TT7800/TT9080		WP35CT	WP25CT	EA, SF	UF	FA	FP	EM,ML,GS	MR, UM	FG, PC		ET	UR,RU	MT	

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
T6120		WM15CT		SF	UF	PSS	FP	SM	MR, UM	PS,PM	MU, MP	SH	UR,RU		MU, MP
T6130		WM15CT	WM25CT	SF	UF	PSS	FP	SM	MR, UM	PS,PM	MU, MP	SH	UR,RU		MU, MP
AH630		WM25CT	WM25CT	SF	UF	PSS	FP	SM	MR, UM	PS,PM	MU, MP	SH	UR,RU		MU, MP
AH645		WM35CT	WM25CT	SF	UF	PSS	FP	SM	MR, UM	PS,PM		SH	UR,RU		

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
CA6515		WM15CT		MQ, GU	UF	MQ	FP	MS, MU,SK	MR, UM	MQ	MU, MP	HU	UR,RU	HQ	MU, MP
CA6525		WM15CT	WM25CT	MQ, GU	UF	MQ	FP	MS, MU,SK	MR, UM	MQ	MU, MP	HU	UR,RU	HQ	MU, MP
CA6525		WM25CT	WM25CT	MQ, GU	UF	MQ	FP	MS, MU,SK	MR, UM	MQ	MU, MP	HU	UR,RU	HQ	MU, MP
PR1535		WM35CT	WM25CT	MQ, GU				MS, MU,SK	MR, UM			HU	UR,RU		

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
CTCM120		WM15CT		F30	UF	F43	FP	M30.M42	MR, UM	M25,M55	MU, MP		UR,RU		MU, MP
CTPM125		WM15CT	WM25CT	F30	UF	F43	FP	M30.M42	MR, UM	M25,M55	MU, MP		UR,RU		MU, MP
CTPM125		WM25CT	WM25CT	F30	UF	F43	FP	M30.M42	MR, UM	M25,M55	MU, MP		UR,RU		MU, MP
CTCM130		WM35CT	WM25CT						MR, UM				UR,RU		

Continuous Cutting
 Eccentric or uneven cutting
 Light Interruption
 Heavy Interruption
 Negative Insert
 Positive Insert
 Fine Finishing/ Finishing
 Medium
 Roughing

		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
HANDEX		WIDIA VICTORY													
GC3205		WK05CT		KF	FF	PF	FP	KM, PM	RH, RU,	PM	MP, FP	KR, PR	RH.RU, .MA	.MW	MU, MP, .MW
GC3205, GC3210		WK15CT	WK20CT	KF	FF	PF	FP	KM, PM	RH, RU,	PM	MP, FP	KR, PR	RH.RU, .MA	.MW	MU, MP, .MW
GC3205, GC3210, GC3115		WK15CT	WK20CT	KF	FF	PF	FP	KM, PM	RH, RU,	PM	MP, FP	KR, PR	RH.RU, .MA	.MW	MU, MP, .MW
GC3225		WK20CT	WP15CT					KM, PM	RH, RU,	PM		KR, PR	RH.RU, .MA		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
SECO		WIDIA VICTORY													
TK0501		WK05CT		MF2, M2	FF	F1	FP	M3, MR7	RH, RU,	F2	MP, FP	M5	RH.RU, .MA	F2	MU, MP, .MW
TK0501		WK15CT	WK20CT	MF2, M2	FF	F1	FP	M3, MR7	RH, RU,	F2	MP, FP	M5, MR7	RH.RU, .MA	F2	MU, MP, .MW
TK1501		WK15CT	WK20CT	MF2, M2	FF	F1	FP	M3, MR7	RH, RU,	F2	MP, FP	M5, MR7	RH.RU, .MA	F2	MU, MP, .MW
TK1501		WK20CT	WP15CT					M3, MR7	RH, RU,	F2	MP, FP	M5, MR7	RH.RU, .MA	F2	

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
ISCAR		WIDIA VICTORY													
IC5005		WK05CT		GN...A	FF	-14	FP	GN, NR...A	RH, RU,	PF	MP, FP	GN, NR...A	RH.RU, .MA	SM	MU, MP, .MW
IC5005, IC5010		WK15CT	WK20CT	GN...A	FF	-14	FP	GN, NR...A	RH, RU,	PF	MP, FP	GN, NR...A	RH.RU, .MA	SM	MU, MP, .MW
IC5010, IC4028		WK15CT	WK20CT	GN...A	FF	-14	FP	GN, NR...A	RH, RU,	PF	MP, FP	GN, NR...A	RH.RU, .MA	SM	MU, MP, .MW
IC8150		WK20CT	WP15CT					GN, NR...A	RH, RU,			GN, NR...A	RH.RU, .MA		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
MITSUBISHI		WIDIA VICTORY													
UC5105, MC5005		WK05CT		MA	FF	FV	FP	MA	RH, RU,	MV	MP, FP	GH...MA	RH.RU, .MA	MV	MU, MP, .MW
UC5105, MC5005		WK15CT	WK20CT	MA	FF	FV	FP	MA	RH, RU,	MV	MP, FP	GH...MA	RH.RU, .MA	MV	MU, MP, .MW
UC5115, MC5015,		WK15CT	WK20CT	MA	FF	FV	FP	MA	RH, RU,	MV	MP, FP	GH...MA	RH.RU, .MA	MV	MU, MP, .MW
UC5115, MC5015,		WK20CT	WP15CT					MA	RH, RU,			GH...MA	RH.RU, .MA		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
SUMITOMO		WIDIA VICTORY													
AC4010K/AC504K		WK05CT		UZ	FF	FC	FP	GU,GZ	RH, RU,	MU	MP, FP	GZ...MA	RH.RU, .MA	MU	MU, MP, .MW
AC4010K/AC504K		WK15CT	WK20CT	UZ	FF	FC	FP	GU,GZ	RH, RU,	MU	MP, FP	GZ...MA	RH.RU, .MA	MU	MU, MP, .MW
AC4010K/AC4015K		WK15CT	WK20CT	UZ	FF	FC	FP	GU,GZ	RH, RU,	MU	MP, FP	GZ...MA	RH.RU, .MA	MU	MU, MP, .MW
AC420K/AC425K		WK20CT	WP15CT					GU,GZ	RH, RU,			GZ...MA	RH.RU, .MA		

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
WALTER		WIDIA VICTORY													
WKK10S		WK05CT		FV5	FF	PF4	FP	MV5, MV7	RH, RU,	PM5	MP, FP	RV5, RV7	RH.RU, .MA	PM5	MU, MP, .MW
WKK10S, WKV10		WK15CT	WK20CT	FV5	FF	PF4	FP	MV5, MV7	RH, RU,	PM5	MP, FP	RV5, RV7	RH.RU, .MA	PM5	MU, MP, .MW
WKK20S, WKV20		WK15CT	WK20CT	FV5	FF	PF4	FP	MV5, MV7	RH, RU,	PM5	MP, FP	RV5, RV7	RH.RU, .MA	PM5	MU, MP, .MW
WKP30S		WK20CT	WP15CT					MV5, MV7	RH, RU,	PM5	MP, FP	RV5, RV7	RH.RU, .MA	PM5	MU, MP, .MW

		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
TaeguTec		WIDIA VICTORY													
TT7005		WK05CT		MT	FF	FG	FP	MG	RH, RU,	MT	MP, FP	KT,RT	RH.RU, .MA	MT	MU, MP, .MW
TT7505		WK15CT	WK20CT	MT	FF	FG	FP	MG	RH, RU,	MT	MP, FP	KT,RT	RH.RU, .MA	MT	MU, MP, .MW
TT7015		WK15CT	WK20CT	MT	FF	FG	FP	MG	RH, RU,	MT	MP, FP	KT,RT	RH.RU, .MA	MT	MU, MP, .MW
TT7015		WK20CT	WP15CT					MG	RH, RU,			KT,RT	RH.RU, .MA		

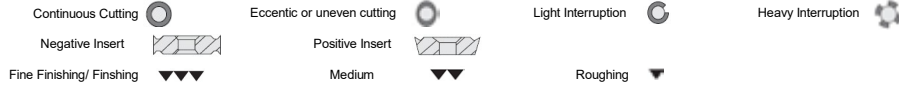
		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
lungaloy		WIDIA VICTORY													
T5105		WK05CT		CF	FF	CF	FP	CM	RH, RU,	CM	MP, FP	CH...MA	RH.RU, .MA	.MW	MP*, FP, .MW
T5115		WK15CT	WK20CT	CF	FF	CF	FP	CM	RH, RU,	CM	MP, FP	CH...MA	RH.RU, .MA	.MW	MP*, FP, .MW
T5125		WK15CT	WK20CT	CF	FF	CF	FP	CM	RH, RU,	CM	MP, FP	CH...MA	RH.RU, .MA	.MW	MP*, FP, .MW
T515		WK20CT	WP15CT					CM	RH, RU,			CH...MA	RH.RU, .MA		



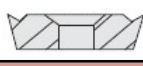
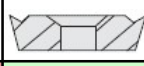




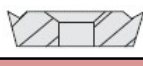
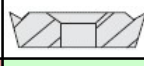




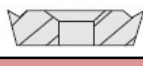
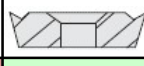




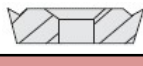
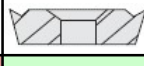




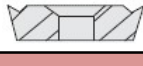
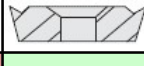





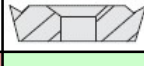




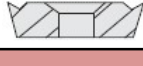
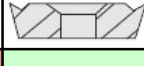




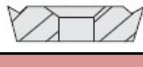
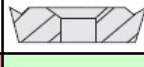




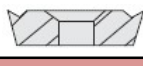
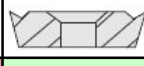




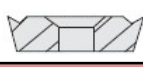
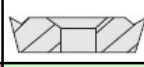


		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
KYOCERA		WIDIA VICTORY													
CA4505, CA4010		WK05CT		KQ, MG	FF		FP	KG.C	RH, RU,		MP, FP	KH,ZS,GC	RH.RU, .MA		MU, MP, .MW
CA4505, CA4010		WK15CT	WK20CT	KQ, MG	FF		FP	KG.C	RH, RU,		MP, FP	KH,ZS,GC	RH.RU, .MA		MU, MP, .MW
CA4515, CA4120, CA4115		WK15CT	WK20CT	KQ, MG	FF		FP	KG.C	RH, RU,		MP, FP	KH,ZS,GC	RH.RU, .MA		MU, MP, .MW
CA4515, CA4120, CA4115		WK20CT	WP15CT					KG.C	RH, RU,			KH,ZS,GC	RH.RU, .MA		



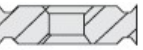


		Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA		
CERATIZIT		WIDIA VICTORY													
CTCK110		WK05CT		F40, F50, CF	FF	CF05, SF, CF55	FP	M40, M50	RH, RU,	SMF, SM	MP, FP	.MA	RH.RU, .MA		MU, MP, .MW
CTCK110		WK15CT	WK20CT	F40, F50, CF	FF	CF05, SF, CF55	FP	M40, M50	RH, RU,	SMF, SM	MP, FP	.MA	RH.RU, .MA		MU, MP, .MW
CTCK120		WK15CT	WK20CT	F40, F50, CF	FF	CF05, SF, CF55	FP	M40, M50	RH, RU,	SMF, SM	MP, FP	.MA	RH.RU, .MA		MU, MP, .MW
CTCK120		WK20CT	WP15CT					M40, M50	RH, RU,			.MA	RH.RU, .MA		

Continuous Cutting
 Eccentric or uneven cutting
 Light Interruption
 Heavy Interruption
 Negative Insert
 Positive Insert
 Fine Finishing/ Finishing
 Medium
 Roughing

S													
		1st Choice	Alternate Choice	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA	Competitor	WIDIA
SANDVIK		WIDIA VICTORY											
GC1105		WS10PT	WU10PT,WU10HT	SF, SGF	FS	UM	FP, MU	SM,SMR	MS,NMP,NGP	MM	MU,MP	SM,SMR	RU,UR
GC1105, GC1115/H13A		WS10PT	WU10PT,WU10HT	SF, SGF	FS	UM	FP, MU	SM,SMR	MS,NMP,NGP	MM	MU,MP	SM,SMR	RU,UR
GC1125, H13A		WS25PT	WU25PT	SF, SGF	FS	UM	FP, MU	SM,SMR	MS,NMP,NGP	MM	MU,MP	SM,SMR	RU,UR
SECO		WIDIA VICTORY											
TS2000		WS10PT	WU10PT,WU10HT	MF1,M1	FS	F1	FP, MU	MF4,MF5	MS,NMP,NGP	MF2,F2	MU,MP	MR3,MR4,M5	RU,UR
TS2000/890		WS10PT	WU10PT,WU10HT	MF1,M1	FS	F1	FP, MU	MF4,MF5	MS,NMP,NGP	MF2,F2	MU,MP	MR3,MR4,M5	RU,UR
TS2000/890		WS25PT	WU25PT	MF1,M1	FS	F1	FP, MU	MF4,MF5	MS,NMP,NGP	MF2,F2	MU,MP	MR3,MR4,M5	RU,UR
ISCAR		WIDIA VICTORY											
IC806, IC807, IC20		WS10PT	WU10PT,WU10HT	SF,PF,TF,PP	FS		FP, MU	PP,TF,EM-M	MS,NMP,NGP		MU,MP	EM-R,MR	RU,UR
IC806,IC807, IC908		WS10PT	WU10PT,WU10HT	SF,PF,TF,PP	FS		FP, MU	PP,TF,EM-M	MS,NMP,NGP		MU,MP	EM-R,MR	RU,UR
IC806,IC807, IC908		WS25PT	WU25PT	SF,PF,TF,PP	FS		FP, MU	PP,TF,EM-M	MS,NMP,NGP		MU,MP	EM-R,MR	RU,UR
MITSUBISHI		WIDIA VICTORY											
MP9005/VP05RT		WS10PT	WU10PT,WU10HT	LS,FJ	FS	FM, SV	FP, MU	MS,MJ	MS	MM, MV	MU,MP	RS,GJ	RU,UR
MP9005/VP05RT		WS10PT	WU10PT,WU10HT	LS,FJ	FS	FM, SV	MU,FP	MS,MJ	MS	MM, MV	MU,MP	RS,GJ	RU,UR
MP9015/ VP10RT		WS25PT	WU25PT	LS,FJ	FS	FM, SV	MU,FP	MS,MJ	MS	MM, MV	MU,MP	RS,GJ	RU,UR
SUMITOMO		WIDIA VICTORY											
AC5015S/AC510U		WS10PT	WU10PT,WU10HT	EF	FS		FP, MU	SU,UP,EG,EX	MS		MU,MP	MU,EM	RU,UR
AC5015S/AC510U		WS10PT	WU10PT,WU10HT	EF	FS		FP, MU	SU,UP,EG,EX	MS		MU,MP	MU,EM	RU,UR
AC5025S/AC520U		WS25PT	WU25PT	EF	FS		FP, MU	SU,UP,EG,EX	MS		MU,MP	MU,EM	RU,UR
WALTER		WIDIA VICTORY											
WSM10S		WS10PT	WU10PT,WU10HT	NF4, NFT	FS		FP, MU	NMS, NRS	MS		MU,MP	NMS, NRS	RU,UR
WSM10S		WS10PT	WU10PT,WU10HT	NF4, NFT	FS		FP, MU	NMS, NRS	MS		MU,MP	NMS, NRS	RU,UR
WSM20S		WS25PT	WU25PT	NF4, NFT	FS		FP, MU	NMS, NRS	MS		MU,MP	NMS, NRS	RU,UR
TaeguTec		WIDIA VICTORY											
TC430, TT3005		WS10PT	WU10PT,WU10HT	EA,SF	FS	SA,FG	FP, MU	GG,ML	MS	PC	MU,MP	ET	RU,UR
TT3010		WS10PT	WU10PT,WU10HT	EA,SF	FS	SA,FG	FP, MU	GG,ML	MS	PC	MU,MP	ET	RU,UR
TT3020, TT5080		WS25PT	WU25PT	EA,SF	FS	SA,FG	FP, MU	GG,ML	MS	PC	MU,MP	ET	RU,UR
Lungoloy		WIDIA VICTORY											
AH8005		WS10PT	WU10PT,WU10HT	HF, HRF	FS	PSS,PS,PSF	FP, MU	HRM,SM	MS	PSS,PS	MU,MP	HRM,SM	RU,UR
AH8015		WS25PT	WU25PT,WU10PT	HF, HRF	FS	PSS,PS,PSF	FP, MU	HRM,SM	MS	PSS,PS	MU,MP	HRM,SM	RU,UR
KYOCERA		WIDIA VICTORY											
PR1305		WS10PT	WU10PT,WU10HT	MQ	FS	MQ	FP, MU	MS, MU, SQ,TK	MS	MQ	MU,MP		RU,UR
PR1310		WS10PT	WU10PT,WU10HT	MQ	FS	MQ	FP, MU	MS, MU, SQ,TK	MS	MQ	MU,MP		RU,UR
PR1325,PR1535		WS25PT	WU25PT	MQ	FS	MQ	FP, MU	MS, MU, SQ,TK	MS	MQ	MU,MP		RU,UR
CERATIZIT		WIDIA VICTORY											
CTPX710		WS10PT	WU10PT,WU10HT	F32	FS	F05,F23	FP, MU	M34,M52	MS	F05,F23	MU,MP		RU,UR
CTPX715		WS10PT	WU10PT,WU10HT	F32	FS	F05,F23	FP, MU	M34,M52	MS	F05,F23	MU,MP		RU,UR
CTPX715		WS25PT	WU25PT	F32	FS	F05,F23	FP, MU	M34,M52	MS	F05,F23	MU,MP		RU,UR



N					
			1st Choice	Competitor	WIDIA
					
H10			WU10HT	AL	AL
			Competitor	WIDIA	
					
TP0501/TP1501			WU10HT	AL	AL
			Competitor	WIDIA	
					
IC08,1C20			WU10HT	AS,AF	AL
			Competitor	WIDIA	
					
HTi10			WU10HT	AZ	AL
			Competitor	WIDIA	
					
H1			WU10HT	AG	AL
			Competitor	WIDIA	
					
WNN10			WU10HT	MN2	AL
			Competitor	WIDIA	
					
K10			WU10HT	FL	AL
			Competitor	WIDIA	
					
KS05F			WU10HT	AL	AL
			Competitor	WIDIA	
					
KW10,GW15			WU10HT	AH	AL
			Competitor	WIDIA	
					
H10T,H210T			WU10HT	25P ,27	AL

- Continuous Cutting 
- Light Interruption 
- Negative Insert 
- Positive Insert 
- Fine Finishing/ Finishing 
- Medium 