

### Comparison Chart - Turning Chipbreakers

#### Negative Inserts

Material	YG	Sandvik	Iscar	Kenna metal	Seco	Walter	Mitsui bishi	Kyocera	Tungaloy	Sumi tomo	Taegutec	Korloy	Duracarb
STEEL	UF	PF	F3P NF	FF FN	F1 MF2	FP5	FH LP	GP PP	TF	FL SP	FG FA	VF HU	41
	UL		PP NF			FP5	PY SY	CQ VF	TSF	LU	FC FT	HC	43
	UM		TF	MM	M3	MP3	MP	HS	TM	GU UX	MC PC	VM GM	46
	UG	PM	GN M3P	MM	M3 MR3	MP5	MP MA	PS	TM	UG	MT PC	GR HR	45
UC	PR	NR	MP RP	MR4	RP5	Standard	Standard	TH	UZ	MG-	B25	53	
UR	PR	NR R3P	UN RN MG-	MR3 MR6	RP7	RP MH RK	PT PH	THS	ME MU	RT	GR		
STAINLESS STEEL	MF	MF	SF	FF	MF1	NF4	LM	MQ	SF HRF	SU	EA ML	HA	
	MM	MM	M3M	MP	MF3 MF4	NM4	MM	MS	SM	GU	EM	GS	42
	MR	MR	F3M	RF	M5	NR4	RM	MS MU	SH	EM	ET RT	RM	
UC	PR	NR	MP RP	MR4	MK5	Standard	Standard	All Round	UZ	MG-	B25	53	
CAST IRON	UR	PR	NR R3P	UN RN MG-	MR3 MR6	RK5 RK7	RP MH RK	PT PH	CH	ME MU	RT	GR	
	.MA			RP	MR7	.MA	MG-	C	CH	GZ	.MA		53

#### Positive Inserts

Material	YG	Sandvik	Iscar	Kenna metal	Seco	Walter	Mitsui bishi	Kyocera	Tungaloy	Sumi tomo	Taegutec	Korloy	Duracarb
STEEL	UF	PF	PF	LF UF	MF2	PF2 PF4	FM LM LP	GQ PP	OT PSF	FP	FG	HFP	41
	UG	PM	PM	MF	MF3	MP4 FP6	MP Standard MM MV	HQ	PS PM	MU	MT	C25	51
STAINLESS STEEL	UF	PF	PF	LF	MF2	MM4 P55	FM LM LP	GQ PP	PM	FP	FG	HFP	41
	UG	PM	PM	UF	MF3	MK4 RK4	MP Standard MM MV	HQ	CM	MU	MT	C25	51
ALUMINIUM	AL		AS	MF	AL	PM2	AZ	CF CK	AL	AG	FL	AK	AU

### Comparison Chart - Turning Grades

ISO	YG	Sandvik	Iscar	Kenna metal	Seco	Walter	Mitsui bishi	Kyocera	Tungaloy	Sumi tomo	Taegutec	Korloy	Duracarb
P10	YG3010	GC4305	IC8005	KCP05	TP0501	WPP01	UE6105	CA5505	T9105	AC8015P	TT8115	NC3010	DC9015
		GC4315	IC428	KC9105	TP0500	WPP05	MC6015	CA510	CA510	T9115	AC810P	TT8115	NC3215
P20	YG3020	GC4325	IC8250	KCP25	TP2501	WPP205	MC6025	CA525	T9125	AC8025P	TT8125	NC3220	DC9025
		GC4225	IC9015	KC9125	TP2500	WPP205	UE6020	CA525	CA525	AC820P	TT8125	NC3225	NC3120
P30	YG3030	GC4335	IC8350	KCP30	TP3501	WPP305	MC6035	CA530	T9135	AC830P	TT8135	NC3030	DC9035
		GC4235	IC8025	KC9140	TP3500	WPP305	VP15TF	CA535	CA535	AC830P	TT8135	NC3330	DC8035
M10	YG211	GC2015	IC807	KCS10	CP200	WSM105	MC7015	CA6515	T6120	AC610M	TT9215	PC8105	
		GC1115	IC6015	KCM15(B)	TS2000	WSM105	US7020	CA6515	PR930	AH8005	TT5080	TT5080	PC8110
M20	YG3030	GC2025	IC3028	KCM25(B)	TM2000	WMP205	MC7025	CA6525	T6130	AC6030M	TT9225	PC8115	
		GC1125	IC808	KCU25	TS2500	WSM205	VP20MF	PR1025	PR125	AH725	AC610M	TT9225	NC9115
M30	YG213	GC2035	IC6025	KCM35(B)	CP500	WSM305	US735	PR1535	AH630	AC6030M	TT9235	NC9125	DC8035
			IC8350			WSM305	MP7035	PR1535	GH730	SH730	AC630M	TT9020	NC5330
M40	YG214				CP600	TM4000	US735	MP7035	AH645	AC6040M	TT9235	NC9135	
					TP40		MP7035				AC530U	TT8020	PC5400
K05	YG1001	GC3205	IC5005	KCK05	TK1001	WKK105	MC5005	CA4505	T5105	AC405K	TT7005	NC6205	DC820
					TK1000		UC5105	CA4010	CA4010				DC610
K10	YG1001	GC3210	IC5010	KCK15	TK1001	WKK105	MC5015	CA4515	T515	AC415K	TT7310	NC6210	
			IC5100		TK1000		UC5115	CA4115	CA4115			TT7015	
K15	YG3010	GC3215	IC8150	KCK20	TK2001	WKK205	UE6110	CA4120	T5125	AC420K	TT6300	NC6215	
					TK2000	WKK305	VP15TF	CA4120	CA4120				
S10	YG211	GC1105	IC807	K313	TS2000	WPM105	VP08RT	CA6515	AH110	AC510U	TT9215	PC8105	DC820
		S05F	IC808	K68	TS2050	WSM105	MP9005	PR1305	PR1305	AH130	AC510U	TT9215	PC8110
S20	YG213	GC1115	IC806	KCU25	890	WSM205	VP15TF	PR1125	AH725	AC520U	TT9225	NC9125	
				KC5025	883	WSM21	VP20RT	PR1535	PR1535			TT9080	NC9135
S30	YG214	GC1125			CP500	WSM305		PR1125			TT9235	PC5400	
					CP600			PR1535			TT8080	TT8080	