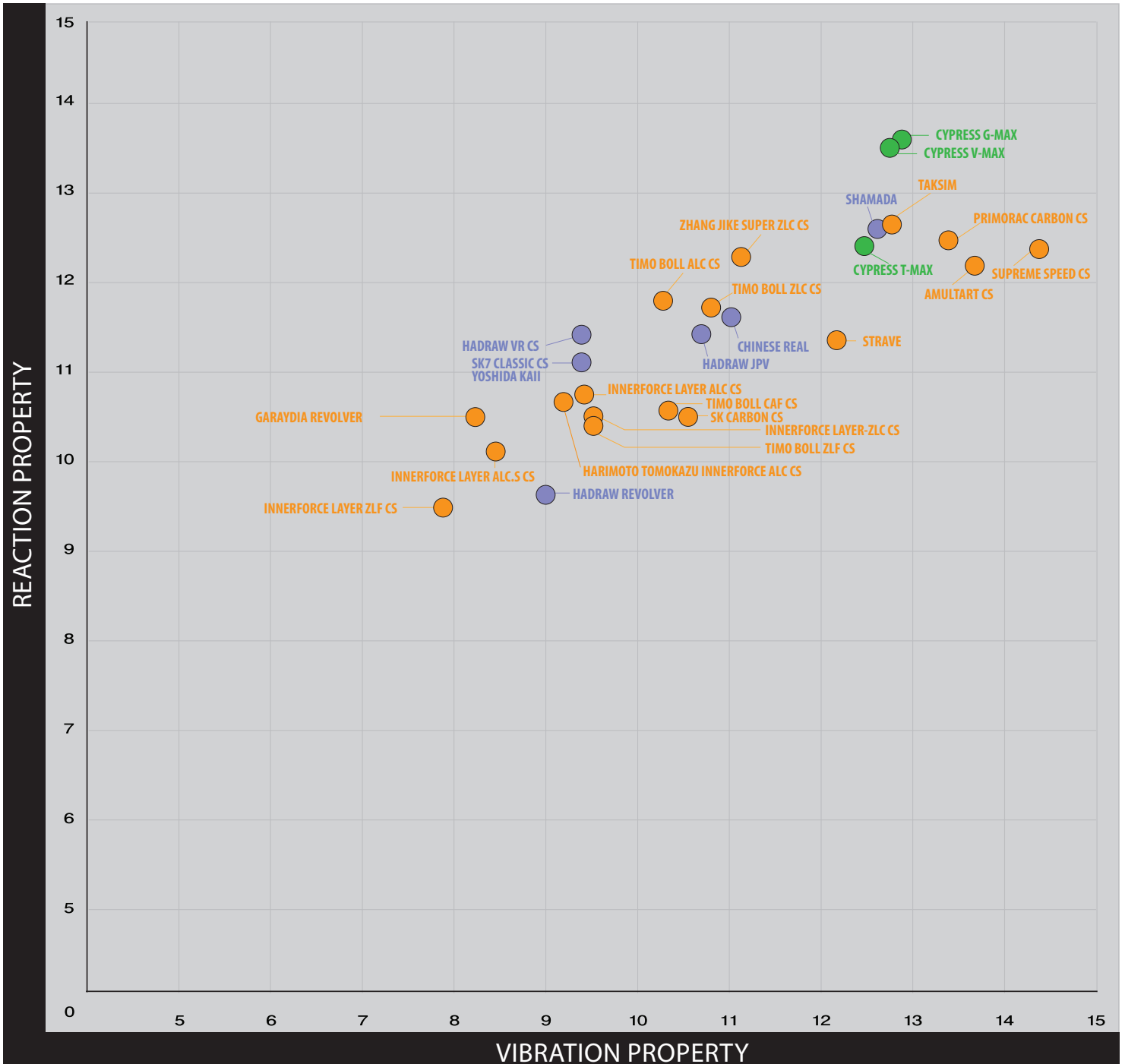


PENHOLD BLADE MATRIX



● = Penhold Blade with Special Material
 ● = All-wood Penhold Blade
 ● = 1-Ply Hinoki

BUTTERFLY PENHOLD

SPECIFICATION CHART

BLADE	PLAYING STYLES	PLIES	REACTION	VIBRATION	WEIGHT (Grams) Avg.	BLADE DIMS (MM)		HEAD THICKNESS (MM)	HANDLE DIMS (MM)
						H	W		
CHINESE STYLE									
AMULTART CS	QUICK ATTACK PEN	3W+2ZLC	12.2	13.7	84	161	150	7.1	82X25
CHINESE REAL	QUICK ATTACK PEN	5W	11.6	11.0	77	158	150	7.7	82X24
HADRAW VR CS	QUICK ATTACK PEN	5W	11.4	9.3	85	161	150	5.9	82X24
HARIMOTO TOMOKAZU INNERFORCE ALC CS	QUICK ATTACK PEN	5W+2ALC	10.7	9.2	88	161	150	6.0	82X24
INNERFORCE LAYER ALC CS	QUICK ATTACK PEN	5W+2ALC	10.7	9.4	85	161	150	6.0	82X24
INNERFORCE LAYER ALC.S CS	QUICK ATTACK PEN	5W+2ALC	10.1	8.4	88	161	150	5.5	82X24
INNERFORCE LAYER ZLC CS	QUICK ATTACK PEN	5W+2ZLC	10.5	9.5	83	161	150	5.7	82X24
INNERFORCE LAYER ZLF CS	QUICK ATTACK PEN	5W+2ZLF	9.6	7.9	86	161	150	5.3	82X23
PRIMORAC CARBON CS	QUICK ATTACK PEN	3W+2T5000	12.5	13.3	84	161	150	6.9	82X25
SK CARBON CS	QUICK ATTACK PEN	3W+2T5000	10.5	10.5	76	161	150	5.2	82X24
SK7 CLASSIC CS	QUICK ATTACK PEN	7W	11.1	9.3	91	161	150	6.8	82X24
SHAMADA	QUICK ATTACK PEN	5W	12.6	12.6	84	160	150	7.5	80X23
STRAVE	QUICK ATTACK PEN	3W+2T5000	11.4	12.2	74	158	150	6.7	82X23
SUPREME SPEED CS	QUICK ATTACK PEN	3W+2ALC	12.4	14.3	79	157	150	6.9	82X25
TAKSIM	QUICK ATTACK PEN	5W+2ALC	12.6	11.8	80	158	150	7.0	82X24
TIMO BOLL ALC CS	QUICK ATTACK PEN	5W+2ALC	11.8	10.3	84	157	150	5.7	82X24
TIMO BOLL CAF CS	QUICK ATTACK PEN	3W + 2CAF	10.6	10.4	79	161	150	5.7	82X23
TIMO BOLL ZLC CS	QUICK ATTACK PEN	5W+2ZLC	11.7	10.8	82	157	150	5.5	82X24
TIMO BOLL ZLF CS	QUICK ATTACK PEN	5W+2ZLF	10.5	9.4	81	157	150	5.4	82X24
YOSHIDA KAI	QUICK ATTACK PEN	7W	11.1	9.3	91	161	150	6.8	82X25
ZHANG JIKE SUPER ZLC CS	QUICK ATTACK PEN	5W+2SZLC	12.3	11.1	84	161	150	5.6	82X24
JAPANESE STYLE									
CYPRESS G-MAX	TOP SPIN MINDED PEN	1W	13.6	12.9	93	163	135	10.0	92X20
CYPRESS T-MAX	TOP SPIN MINDED PEN	1W	12.4	12.5	96	163	135	10.0	92X20
CYPRESS V-MAX	TOP SPIN MINDED PEN	1W	12.8	13.5	94	163	135	10.0	92X20
GARAYDIA REVOLVER	COMBINATION PEN	3W+2ALC	10.5	8.2	57	161	141	6.4	86X16
HADRAW JPV-R	QUICK ATTACK PEN	5W	11.4	10.7	78	161	141	7.1	92X20
HADRAW JPV-S	TOP SPIN MINDED PEN	5W	11.4	10.7	77	163	135	7.1	92X20
HADRAW REVOLVER	COMBINATION PEN	5W	9.7	9.0	62	161	141	5.9	86X16