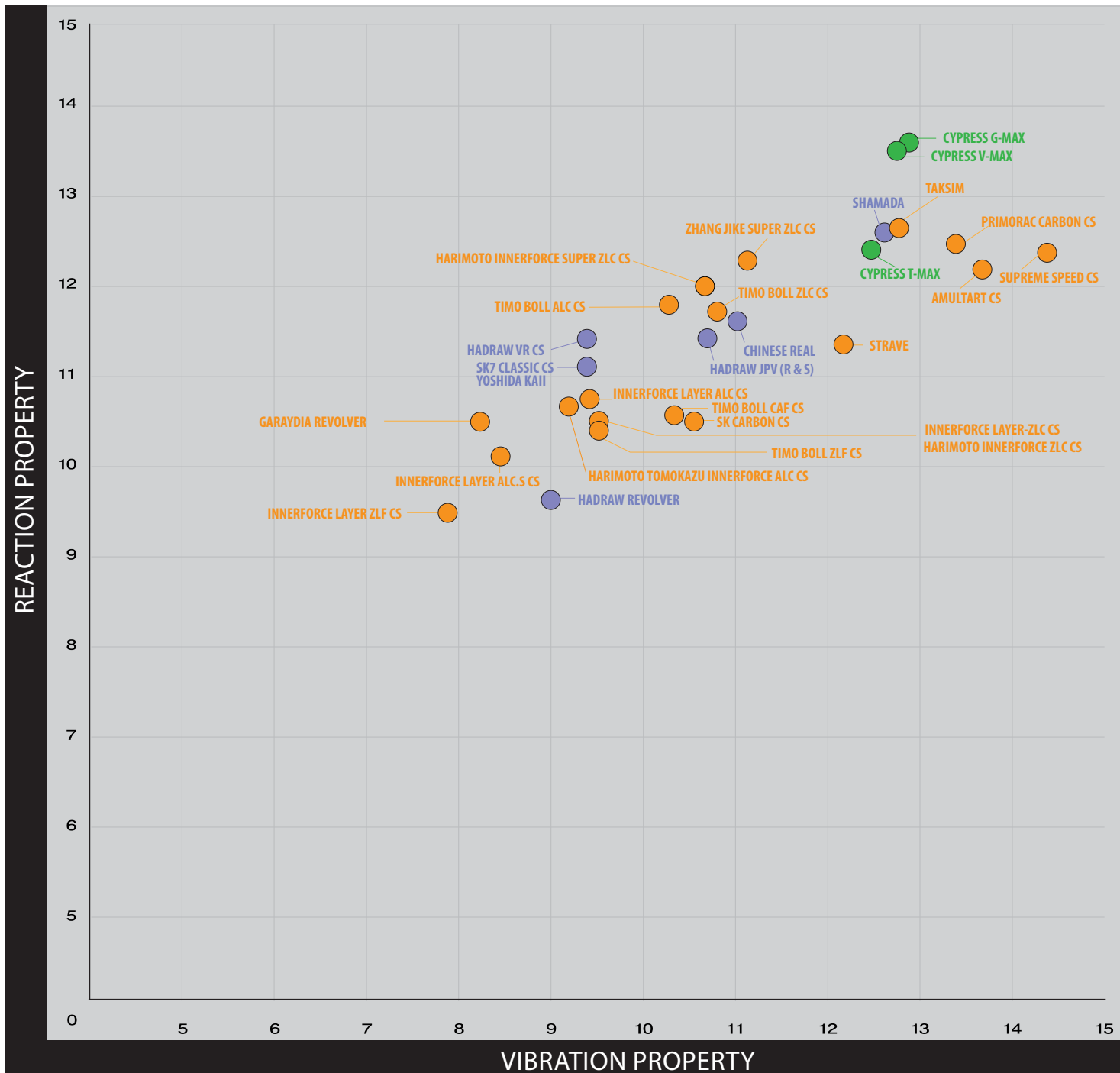


PENHOLD BLADE MATRIX



● = 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)
						Height	Width		
CHINESE STYLE									
AMULTART - CS	QUICK ATTACK	3W+2ZLC	12.2	13.7	84	161	150	7.1	82x25
CHINESE REAL - CS	QUICK ATTACK	5W	11.6	11.0	77	158	150	7.7	82x24
HADRAW VR - CS	QUICK ATTACK	5W	11.4	9.3	85	161	150	5.9	82x24
HARIMOTO TOMOKAZU INNERFORCE ALC - CS	QUICK ATTACK	5W+2ALC	10.7	9.2	88	161	150	6	82X24
HARIMOTO TOMOKAZU INNERFORCE ZLC - CS	QUICK ATTACK	5W+2ZLC	10.5	9.3	89	158	152	5.7	82X24
HARIMOTO TOMOKAZU INNERFORCE SUPER ZLC - CS	QUICK ATTACK	5W+2SALC	12	10.5	90	158	152	6.2	82X24
INNERFORCE LAYER ALC - CS	QUICK ATTACK	5W+2ALC	10.7	9.4	85	161	150	6.0	82x24
INNERFORCE LAYER ALCs - CS	QUICK ATTACK	5W+2ALC	10.1	8.4	88	161	150	5.5	82x24
INNERFORCE LAYER ZLC - CS	QUICK ATTACK	5W+2ZLC	10.5	9.5	83	161	150	5.7	82x24
INNERFORCE LAYER ZLF - CS	QUICK ATTACK	5W+2ZLF	9.6	7.9	86	161	150	5.3	82x23
PRIMORAC CARBON - CS	QUICK ATTACK	3W+2T5000	12.5	13.3	84	161	150	6.9	82x25
SK CARBON - CS	QUICK ATTACK	3W+2T5000	10.5	10.5	76	161	150	5.2	82x24
SK7 CLASSIC - CS	QUICK ATTACK	7W	11.1	9.3	91	161	150	6.8	82x24
SHAMADA - CS	QUICK ATTACK	5W	12.6	12.6	84	160	150	7.5	80x23
STRAVE - CS	QUICK ATTACK	3W+2T5000	11.4	12.2	74	158	150	6.7	82x23
SUPREME SPEED - CS	QUICK ATTACK	3W+2ALC	12.4	14.3	79	157	150	6.9	82x25
TAKSIM - CS	QUICK ATTACK	5W+2ALC	12.6	11.8	80	158	150	7.0	82x24
TIMO BOLL ALC - CS	QUICK ATTACK	5W+2ALC	11.8	10.3	84	157	150	5.7	82x24
TIMO BOLL CAF - CS	QUICK ATTACK	3W + 2CAF	10.6	10.4	79	161	150	5.7	82X23
TIMO BOLL ZLC - CS	QUICK ATTACK	5W+2ZLC	11.7	10.8	82	157	150	5.5	82x24
TIMO BOLL ZLF - CS	QUICK ATTACK	5W+2ZLF	10.5	9.4	81	157	150	5.4	82x24
YOSHIDA KAI - CS	QUICK ATTACK	7W	11.1	9.3	91	161	150	6.8	82x25
ZHANG JIKE SUPER ZLC - CS	QUICK ATTACK	5W+2SZLC	12.3	11.1	84	161	150	5.6	82x24
JAPANESE STYLE									
CYPRESS G-MAX	TOPSPIN-MINDED	1W	13.6	12.9	93	163	135	10.0	92x20
CYPRESS T-MAX	TOPSPIN-MINDED	1W	12.4	12.5	96	163	135	10.0	92x20
CYPRESS V-MAX	TOPSPIN-MINDED	1W	12.8	13.5	94	163	135	10.0	92x20
GARAYDIA REVOLVER	COMBINATION	3W+2ALC	10.5	8.2	57	161	141	6.4	86x16
HADRAW JPV-R	QUICK ATTACK	5W	11.4	10.7	78	161	141	7.1	92x20
HADRAW JPV-S	TOPSPIN-MINDED	5W	11.4	10.7	77	163	135	7.1	92x20
HADRAW REVOLVER	COMBINATION	5W	9.7	9.0	62	161	141	5.9	86x16