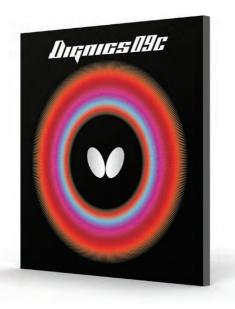


# NEW DIGNICS 09C Realised Compatible Friction And Bounce At High Level





## NEW DIGNICS 09C

High Tension pimples-in rubber Realised Compatible Friction And Bounce At High Level





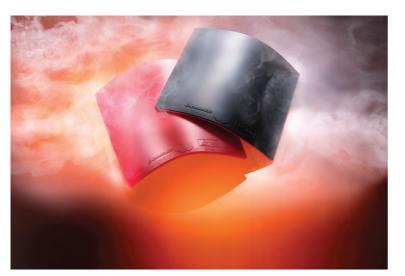














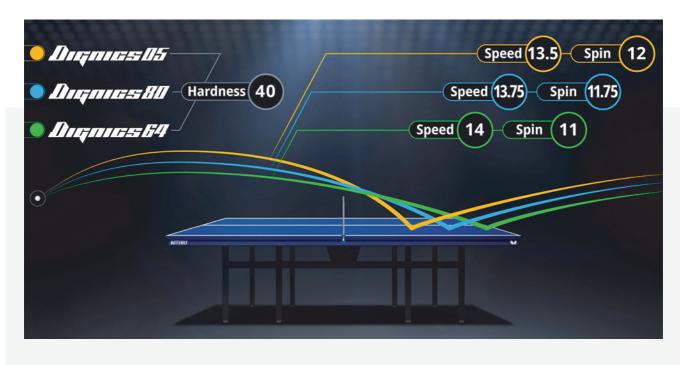


**Dignics** guides your play to a more advanced level. The essence is the combination of Spring Sponge X, the advanced version of Spring Sponge which has more elasticity; the uniquely composed top sheet, with strength- ened abrasion, proves great resistance on the surface, providing the feeling of holding the ball at impact. Adopting pimples code No. 05 recognised for its high spin performance, Dignics 05 is recommended for the player who seeks to generate a high level attacking play imparting powerful topspin, as well as counter topspin play both close to the table and at mid distance.

## DIGNICS 05

Guides your play to a more advanced level. The essence is the combination of Spring Sponge X, the advanced version of Spring Sponge which has more elasticity; the uniquely composed top sheet, with strengthened abrasion, proves great resistance on the surface, providing the feeling of

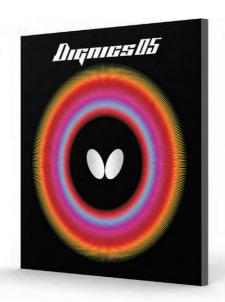
holding theball at impact. Adopting pimples code No.05 recognised for its high spin performance, DIGNICS 05 is recommended for the player who seeks to generate a high level attacking play imparting powerful topspin, as well as counter topspin play both close to the table and at mid distance.





Easier to impact than conventional "Spring Sponge" and with an improved rebound the new Spring Sponge X provides the increased feeling of "holding" the ball on the racket and enables to arc the ball

even better, creating more spin and powerful shots, all with a total weight reduced by about 3%, compared to "Spring Sponge" with the same hardness and thickness.



## DIGNICS 05

High Tension pimples-in rubber Power Of The Ball With Spin Atigh level





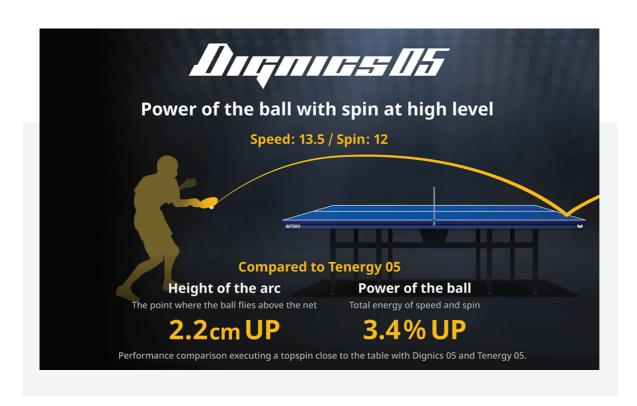




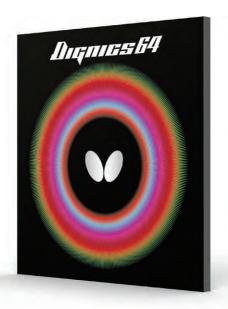






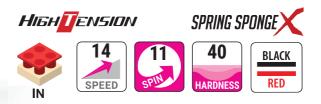






## NEW DIGNICS 64

High Tension pimples-in rubber Power Of The Ball With Speed At High Level

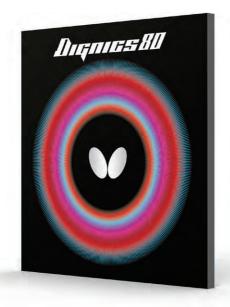






Prominence of X: Power of the Ball with Speed at High Level The essence is the combination of Spring Sponge X, the advanced version of Spring Sponge which has more elasticity; the uniquely composed top sheet, with strengthened abrasion, proves great resistance on the surface, providing the feeling of holding the ball at impact

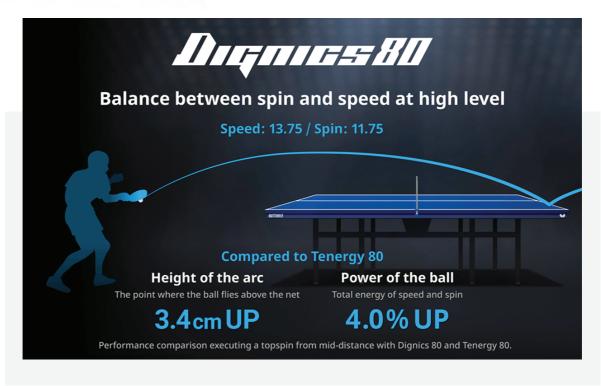
Adopting pimples code No.64 featuring high speed performance, DIGNICS 64 is recommended for athletes seeking high-level aggressive play such as speed drive, smash, etc.



## NEW DIGNICS 80

High Tension pimples-in rubber Balance Between Spin And Speed At High Level



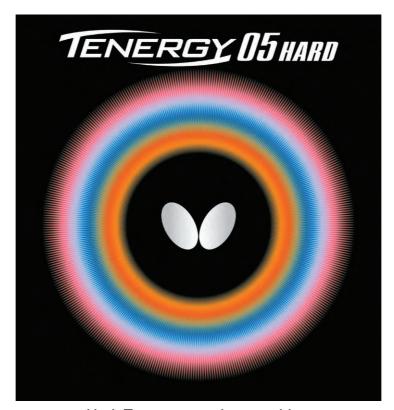


Prominence of X: Balance between Spin and Speed at High Level The essence is the combination of Spring Sponge X, the advanced version of Spring Sponge which has more elasticity; the uniquely composed top sheet, with strengthened abrasion, proves great resistance on the surface, providing the feeling of holding the ball at impact

Adopting pimples code No.180 , which has a good balance between spin and speed, DIGNICS 80 is recommended all-round players who want more scoring power in any play area.



## **TENERGY 05 HARD**



High Tension pimples-in rubber

More power added to spin performance



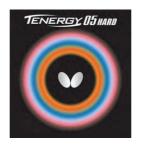
Has received many endorsements from players all over the world and has already captured a range of titles. The harder sponge was adopted to generate more power on the ball in addition to its original exquisite spin performance. Maintaining the feature of Spring Sponge, without losing the feeling of controlling the ball at will, it enables powerful play at an advanced level. The hard sponge responds to a strong impact.



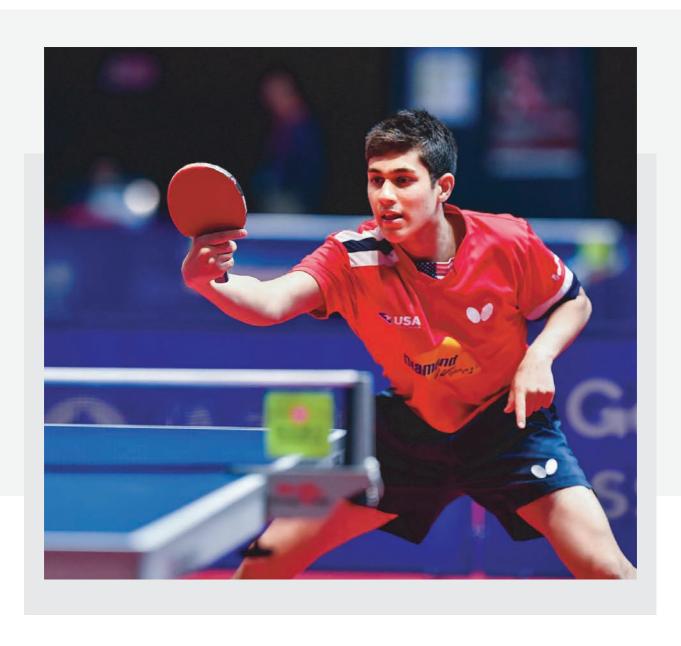
TIMO BOLL ALC TENERGY 05 HARD

DIGNICS 05

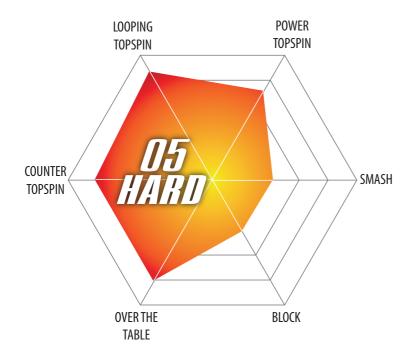




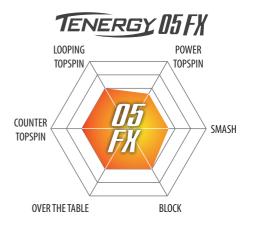




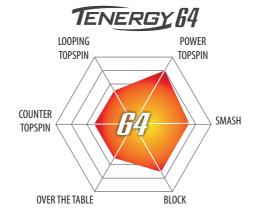
## TENERGY 05 HARD

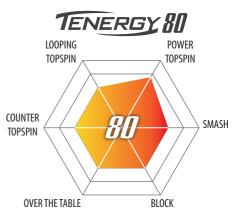


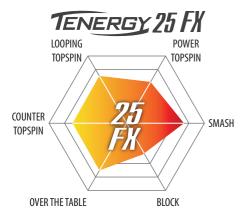


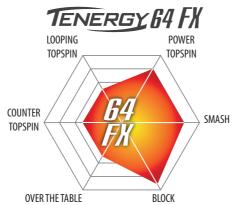


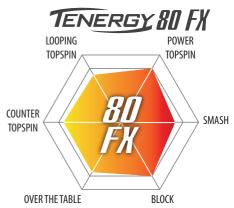






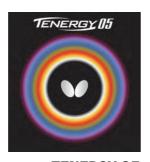












**TENERGY 05** High Tension pimples-in rubber



For topspin and control

For speed and control

For ideal balance between spin and speed with control

Spring Sponge

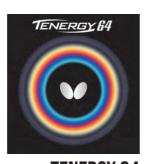
HIGH<mark>IT</mark>ENSION



**TENERGY 05 FX** High Tension pimples-in rubber







**TENERGY 64** High Tension pimples-in rubber

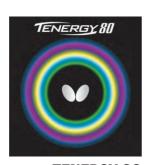


High Tension pimples-in rubber

**TENERGY 64 FX** 







**TENERGY 80** High Tension pimples-in rubber

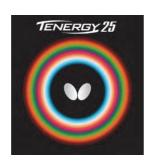


Spring Sponge

**TENERGY 80 FX** High Tension pimples-in rubber

Excellent for attacking and controlled play near the table





**TENERGY 25** 

High Tension pimples-in rubber



For power and control



**TENERGY 25 FX** High Tension pimples-in rubber

High performance rubber developed in the pursuit of "tolerance"







**ROZENA** High Tension pimples-in rubber



High-performance rubber with unique technology Micro Layer







**BRYCE HIGHSPEED** High Tension pimples-in rubber

The world's longtime seller















**SRIVER** Pimples-in rubber



**SRIVER EL** Pimples-in rubber

SRIVER with instant power and control











SRIVER with outstanding stability







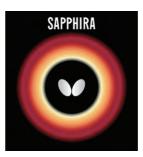








**SRIVER FX** Pimples-in rubber



**SAPPHIRA** Pimples-in rubber

Easy-to-handle rubber for attack











Easy-to-handle rubber for developing players



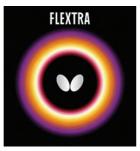












**FLEXTRA** Pimples-in rubber



**SPIN ART High friction High Tension** pimples-in rubber

High friction High Tension rubber with strengthened bounce









Spring Sponge





Friction rubber for wide range of players





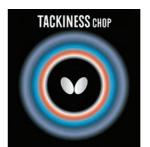








**TACKINESS DRIVE** High friction pimples-in rubber



Friction rubber for defensive players











TACKINESS CHOP High friction pimples-in rubber

Friction rubber good at spinning













TACKINESS CHOP II

TACKINESS CHOP II High friction pimples-in rubber

**SUPER ANTI** 

**SUPER ANTI** Anti-spin rubber

Anti rubber to toss opponents













High Tension rubber for powerful top-spin plays

















High Tension pimples-out rubber

IMPARTIAL XB

High Tension rubber with the balance between attacking and defence













**IMPARTIAL XB** High Tension pimples-out rubber

This rubber has what an attacking pips player needs









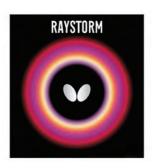






**FLARESTORM II** High Tension pimples-out rubber

FLARESTORM II



Softer pimples give more spin but are often not fast enough.













**RAYSTORM** 

High Tension pimples-out rubber

Pimples-out rubber for quick attack



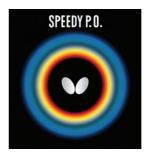








**CHALLENGER ATTACK** Pimples-out rubber



SPEEDY P.O. Pimples-out rubber

Well-balanced pimples-out with an ideal parabola











Long pimpled rubber with amazing variety of spins















**FEINT LONG III** Long pimpled rubber



**FEINT LONG II** Long pimpled rubber

Long pimpled rubber for steady plays











Well-balanced long pimpled rubber





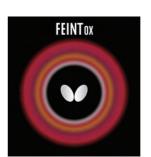








**FEINT SOFT** Long pimpled rubber



**FEINT OX** 

Well-balanced long pimpled rubber without sponge









With an adhesive sheet attached

Long pimpled rubber (without sponge)

High Tension long pimpled rubber for attacking players









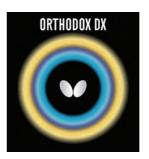






**FEINT AG** 

High Tension long pimpled rubber



Pimples-out without sponge with usability









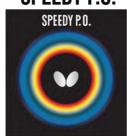
ORTHODOX DX Long pimpled rubber (without sponge)



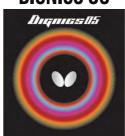
**CUSTOM ALC** 



SPEEDY P.O.



DIGNICS 05

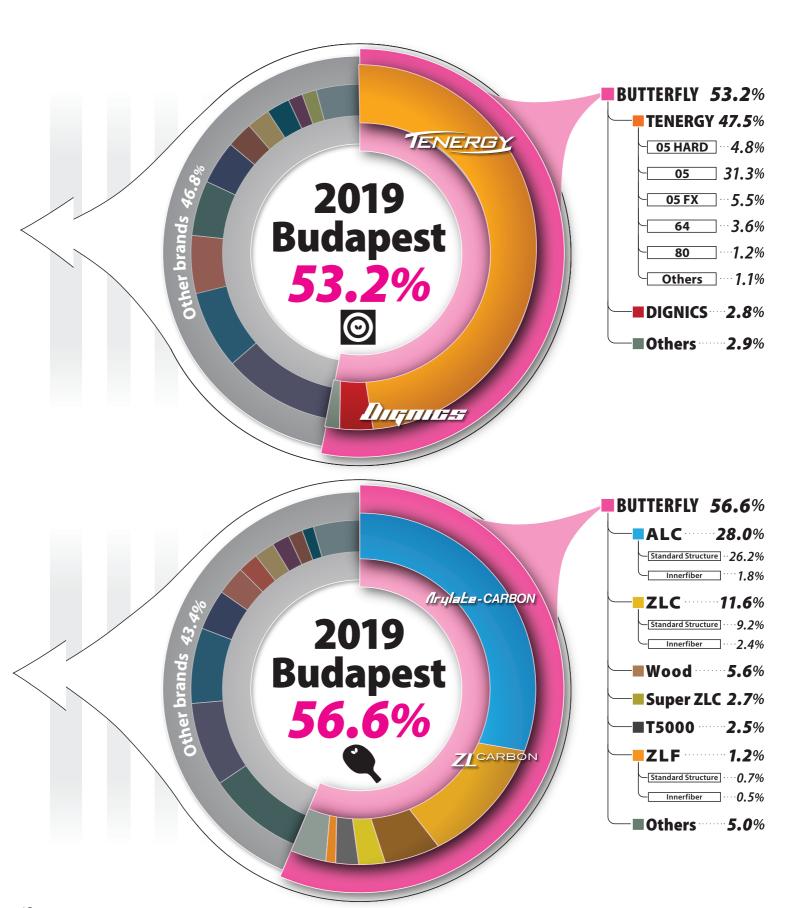




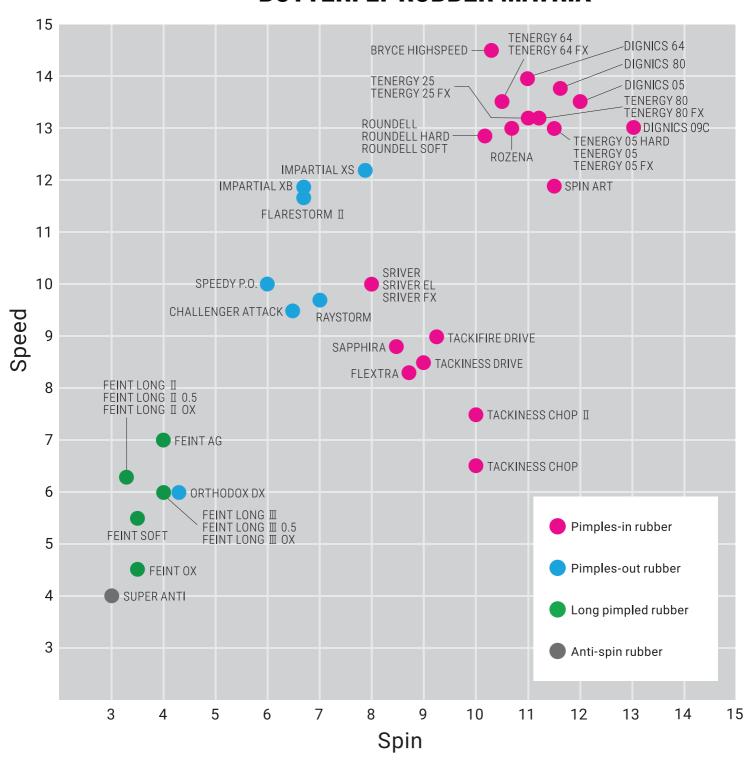


## The World Chooses Trust

Usage Rate of Butterfly Equipment at the World Championships



## **BUTTERFLY RUBBER MATRIX**



### **SPEED**



The measure of speed for SRIVER is 10. (Large ball rubber: The measure of speed for LARGESTORM SPEED is 13.5.)

### **SPIN**



The measure of spin for TACKINESS CHOP is 10. (Large ball rubber: The measure of spin for LARGESTORM SPIN is 11.5.)

### **HARDNESS**



It refers to the sponge; the higher the number, the harder the sponge.

## **RUBBER CATEGORIES**



#### Pimples-in rubber

A rubber with a large contact area for the ball, which makes it easy to impart spin; there are two types, highly elastic with high reaction and moderate for control.

#### High Tension pimples-in rubber

A rubber with very high elasticity and friction; it is created by impacting tension into the rubber molecule.

#### High friction pimples-in rubber

A rubber which imparts spin on the ball with ease as a result of the tackiness of the surface.

#### High friction High Tension pimples-in rubber

A rubber with very high elasticity and friction created by impacting tension into the rubber molecule as well as enabling spin to be imparted on the ball owing to the tackiness of the surface.

### Pimples-out rubber

A rubber with a small contact area on the ball, which means it is less affected by the opponent's spin as the ball does not stay on the rubber for long. High Tension pimples-out rubber

A pimples-out rubber with very high elasticity created by impacting tension into the rubber molecule.

### Pimples-out rubber for large 44mm ball

A pimples-out rubber designed for large 44mm ball, enabling a high level of control.

#### High Tension pimples-out rubber for large 44mm ball

A pimples-out rubber designed for the large 44mm ball plays with very high elasticity; it is created by impacting tension into the rubber molecule.





Pimples-out rubber (without sponge)

A rubber without sponge; it is light weight and has low elasticity.

\_\_\_\_\_



#### Long pimpled rubber

A long pimpled rubber with unexpected variety of rotations as the pimples easily transform on contact.

#### High Tension long pimpled rubber

A long pimpled rubber which combines variation and elasticity; created by impactingtension into the rubber molecule.





Long pimpled rubber (without sponge)

A long pimpled rubber without sponge; it is light weight and has low elasticity.





Anti-spin rubber

## **BUTTERFLY RUBBER TECHNOLOGIES**



High Tension technology enhances the reaction of the playing surface by adding tension to the rubber molecule itself; this is made possible by applying special substances to rubber materials.



Like a coil spring, the Spring Sponge absorbs the incoming energy of the ball and releases it as additional power for the player's own shot. Rubbers with Spring Sponge technology enable shots with high amounts of spin.



Easier to impact than conventional "Spring Sponge" and with an improved rebound the new Spring Sponge X provides the increased feeling of "holding" the ball on the racket and enables to arc the ball even better, creating more spin and powerful shots, all with a total weight reduced by about 3%, compared to "Spring Sponge" with the same hardness and thickness.



The base of the top sheet is very thin, visible to the naked eye. The rubber compresses and the surface is "depressed" by the ball on impact; thus enabling a high degree of rotation to be imparted on the ball.

RUBBER	SURFACE	CATEGORY	SPEED	SPIN	HARDNESS	SPONGE THICKNESS (MM)
BRYCE HIGHSPEED	INVERTED	HIGH TENSION PIMPLES-IN RUBBER	14.50	10.30	35	1.9,2.1
CHALLENGER ATTACK	PIPS-OUT	PIMPLES-OUT RUBBER	9.50	6.50	35	1.5,1.9,2.1
DIGNICS 05	INVERTED	HIGH TENSION PIMPLES-IN RUBBER	13.50	12.00	40	1.9,2.1
DIGNICS 09C	INVERTED	HIGH TENSION PIMPLES-IN RUBBER	13.00	13.00	44	1.9,2.1
DIGNICS 64	INVERTED	HIGH TENSION PIMPLES-IN RUBBER	14.00	11.00	40	1.9,2.1
DIGNICS 80	INVERTED	HIGH TENSION PIMPLES-IN RUBBER	13.75	11.75	40	1.9,2.1
FEINT AG	PIPS-OUT	HIGH TENSION LONG PIMPLED RUBBER	7.00	4.00	28	1.3,1.7
FEINT LONG II	PIPS-OUT	LONG PIMPLED RUBBER	6.25	3.25	38	0.5,1.1,1.3
FEINT LONG II OX	PIPS-OUT	LONG PIMPLED RUBBER (WITHOUT SPONGE)	6.25	3.25	N/A	OX
FEINT LONG III	PIPS-OUT	LONG PIMPLED RUBBER	6.00	4.00	25	0.5,1.1,1.3
FEINT LONG III OX	PIPS-OUT	LONG PIMPLED RUBBER (WITHOUT SPONGE)	6.00	4.00	N/A	OX
FEINT OX	PIPS-OUT	LONG PIMPLED RUBBER (WITHOUT SPONGE)	4.50	3.50	N/A	OX
FEINT SOFT	PIPS-OUT	LONG PIMPLED RUBBER	5.50	3.50	25	1.5
FLARESTORM II	PIPS-OUT	HIGH TENSION PIMPLES-OUT RUBBER	11.70	6.70	32	1.9,2.1
FLEXTRA	INVERTED	PIMPLES-IN RUBBER	8.25	8.75	32	1.9
IMPARTIAL XB	PIPS-OUT	HIGH TENSION PIMPLES-OUT RUBBER	11.90	6.70	30	1.7,1.9,2.1 MAX
IMPARTIAL XS	PIPS-OUT	HIGH TENSION PIMPLES-OUT RUBBER	12.20	7.90	30	1.7,1.9,2.1 MAX
ORTHODOX DX	PIPS-OUT	PIMPLES-OUT RUBBER(WITHOUT SPONGE)	6.00	4.25	N/A	OX
RAYSTORM	PIPS-OUT	HIGH TENSION PIMPLES-OUT RUBBER	9.75	7.00	34	1.9,2.1
ROUNDELL	INVERTED	HIGH TENSION PIMPLES-OUT RUBBER	12.80	10.20	35	1.9,2.1
ROUNDELL HARD	INVERTED	HIGH TENSION PIMPLES-OUT RUBBER	12.80	10.20	40	2.1
ROUNDELL SOFT	INVERTED	HIGH TENSION PIMPLES-OUT RUBBER	12.80	10.20	32	2.1
ROZENA	INVERTED	HIGH TENSION PIMPLES-IN RUBBER	13.00	10.80	35	1.7,1.9,2.1
SAPPHIRA	INVERTED	PIMPLES-IN RUBBER	8.75	8.50	35	1.9
SPEEDY PO	PIPS-OUT	PIMPLES-OUT RUBBER	10.00	6.00	35	1.9
SPIN ART	INVERTED	HIGH FRICTION HIGH TENSION PIMPLES-IN RUBBER	11.90	11.50	48	1.9,2.1
SRIVER	INVERTED	PIMPLES-IN RUBBER	10.00	8.00	38	1.5,1.7,1.9,2.1, MAX
SRIVER EL	INVERTED	PIMPLES-IN RUBBER	10.00	8.00	35	1.9,2.1
SRIVER FX	INVERTED	PIMPLES-IN RUBBER	10.00	8.00	33	1.9,2.1
SUPER ANTI	INVERTED	ANTI-SPIN RUBBER	4.00	3.00	25	1.9
TACKIFIRE DRIVE	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	9.00	9.25	38	2.1
TACKINESS CHOP	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	6.50	10.00	32	1.5,1.7,1.9
TACKINESS CHOP II	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	7.50	10.00	41	1.5,1.9
TACKINESS DRIVE	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	8.50	9.00	38	1.9
TENERGY 05	INVERTED	HIGH TENSION PIMPLES-IN RUBBER	13.00	11.50	36	1.7,1.9,2.1
TENERGY 05 FX	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.00	11.50	32	1.7,1.9,2.1
TENERGY 05 HARD	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.00	11.50	43	1.9,2.1
TENERGY 25	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.25	11.00	36	1.7,1.9,2.1
TENERGY 25 FX	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.25	11.00	32	1.7,1.9,2.1
TENERGY 64	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.50	10.50	36	1.7,1.9,2.1
TENERGY 64 FX	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.50	10.50	32	1.7,1.9,2.1
TENERGY 80	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.25	11.25	36	1.7,1.9,2.1
TENERGY 80 FX	INVERTED	HIGH FRICTION PIMPLES-IN RUBBER	13.25	11.25	32	1.7,1.9,2.1



## BUTTERFLY Revoldia



## **REVOLDIA CNF**

CNF blade with high reaction and feeling of ball holding









\*Blade size: 157×150mm \*Blade thickness: 5.7mm

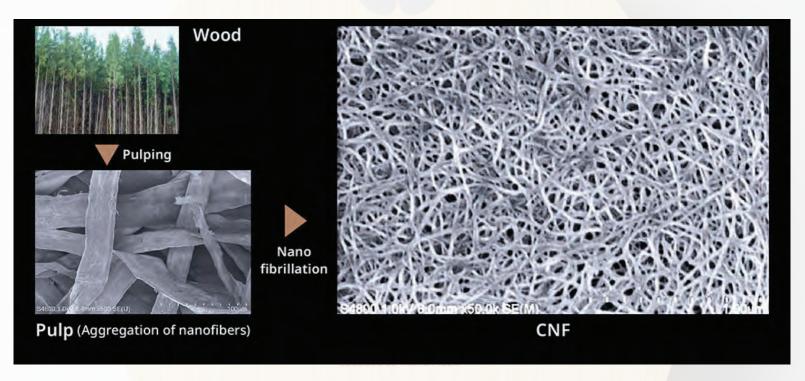
\*Grip size: **[FL]** 100×24×34mm (Length  $\times$  thickness  $\times$  end width)



Cellulose nanofiber; the newly adopted Nano-technology artificial fiber creates a blade with high reaction and lower vibration property. While enabling powerful shots, the blade offers a good feeling of holding of the ball thanks to its low vibration property.

CNF is an abbreviation for "Cellulose NanoFiber". It is an ultra-fine fiber obtained by finely loosening plant fibers such as wood to nano size (\*), that is one-fifth lighter and five times as strong as iron. It is an innovative and cutting-edge biomaterial, a renewable resource as it is derived from plants. It has a unique performance that is different from traditional paper pulp.

\* One nano is one-millionth of a millimeter. About 1/10000 to 1/5000 of the thickness of the hair.



## BUTTERFLY Revoldia MADE IN JAPAN

Outer plywood structure that could take full advantage of the features of CNF is the right answer conducted after trial and error by the Butterfly R & D team. The blade has both high reaction and low vibration property that until now could not be realized by equipping traditional artificial fibers. This is an unprecedented blade with long dwell time of all-wood or Innerfiber blades without losing its high-speed performance.









## **LIN GAOYUAN ALC**

Created with and Supported Lin Gaoyuan









+ //rylate-CARBON

\*Blade size: 157×150m \*Blade thickness: 5.7mm

\*Grip size: **[FL]** 101×24mm **[ST]** 100×22mm



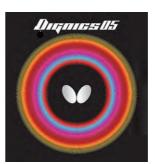


## Lin Gaoyuan

**LIN GAOYUAN ALC** 

DIGNICS 05









## **ZHANG JIKE ZLC**

Highly-balanced model with ZL-Carbon



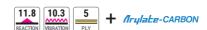
\*Blade size: 157×150mm \*Blade thickness: 5.5mm

\*Grip size: **[FL]**  $100 \times 25 \times 34$ mm **[ST]**  $100 \times 23 \times 28$ mm **[AN]**  $100 \times 24 \times 32$ mm (Length  $\times$  thickness  $\times$  end width)



## **ZHANG JIKE ALC**

High performance model with Arylate-Carbon



\*Blade size: 157×150mm \*Blade thickness: 5.8mm

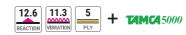
\*Grip size: **[FL]**  $100\times25\times34$ mm **[ST]**  $100\times23\times28$ mm **[AN]**  $100\times24\times32$ mm

(Length  $\times$  thickness  $\times$  end width)



## **ZHANG JIKE T5000**

Speed-minded model with Carbon



\*Blade size: 157×150mm \*Blade thickness: 5.6mm

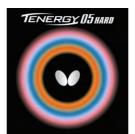
\*Grip size: **[FL]** 100×25×34mm **[ST]** 100×23×28mm **[AN]** 100×24×32mm



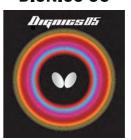
**ZHANG JIKE SUPER ZLC** 

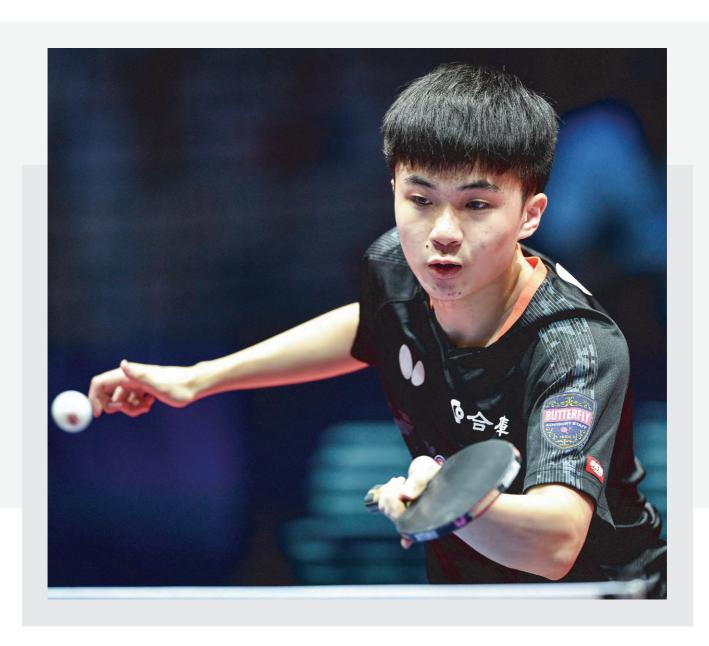


**TENERGY 05 HARD** 



DIGNICS 05







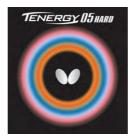


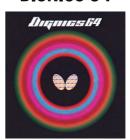
**ZHANG JIKE SUPER ZLC** 



DIGNICS 64











\*Blade size: 157×150mm \*Blade thickness: 5.8mm

\*Grip size: **[FL]**  $100 \times 24 \times 34$ mm **[ST]**  $100 \times 22 \times 27.5$ mm **[AN]**  $100 \times 24 \times 34$ mm



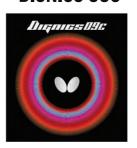
TIMO BOLL ALC



DIGNICS 09C



DIGNICS 09C

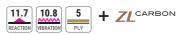






## TIMO BOLL ZLC

High performance model with ZL-Carbon



\*Blade size: 157×150mm \*Blade thickness: 5.5mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×27.5mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



## TIMO BOLL ZLF

High performance model with ZL-Fiber



\*Blade size: 157×150mm \*Blade thickness: 5.4mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×27.5mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



## TIMO BOLL SPIRIT

Model which supported Timo Boll



\*Blade size: 157×150mm \*Blade thickness: 5.8mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×27.5mm **[AN]** 100×24×34mm



## **MIZUTANI JUN SUPER ZLC**

Collaboration model with Jun Mizutani



\*Blade size: 157×150mm \*Blade thickness: 5.8mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×27.5mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



## **MIZUTANI JUN ZLC**

Jun Mizutani's model



\*Blade size: 157×150mm \*Blade thickness: 5.7mm

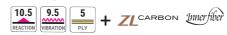
\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×27.5mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



## **APOLONIA ZLC**

Tiago Apolonia's model



\*Blade size: 157×150mm \*Blade thickness: 5.7mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×23×28mm **[AN]** 100×24×34mm





**VISCARIA** 



DIGNICS 05











## **FREITAS ALC**

Designed in collaboration with Marcos Freitas



\*Blade size: 157×150mm \*Blade thickness: 6.0mm

\*Grip size: **[FL]** 100×25×34mm **[ST]** 100×23×28mm **[AN]** 100×25×34mm

(Length  $\times$  thickness  $\times$  end width)



### MATSUDAIRA KENTA ALC

Kenta Matsudaira's model



\*Blade size: 157×150mm \*Blade thickness: 5.8mm

\*Grip size: 100×23×34mm (Length × thickness × end width)



## **INNERFORCE LAYER ZLC**

High performance model balancing power and control



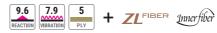
\*Blade size: 157×150mm \*Blade thickness: 5.7mm

\*Grip size: **[FL]**  $100 \times 24 \times 34$ mm **[ST]**  $100 \times 23 \times 28$ mm **[AN]**  $100 \times 24 \times 34$ mm (Length  $\times$  thickness  $\times$  end width)



## **INNERFORCE LAYER ZLF**

High stability achieved thanks to the thin blade



\*Blade size: 157×150mm \*Blade thickness: 5.3mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×28mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



## **INNERFORCE LAYER ALC**

Well-balanced model with bounce and usability



\*Blade size: 157×150mm \*Blade thickness: 6.0mm

\*Grip size: **[FL]** 100×25×34mm **[ST]** 100×23×28mm **[AN]** 100×25×34mm

(Length  $\times$  thickness  $\times$  end width)



## **INNERFORCE LAYER ALC.S**

Improved ease of imparting spin on the ball



\*Blade size: 157×150mm \*Blade thickness: 5.5mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×23×28mm **[AN]** 100×24×34mm



\*Blade size: 158×152mm \*Blade thickness: 6.0mm

\*Grip size: **[FL]**  $100 \times 25 \times 34$ mm **[ST]**  $100 \times 23 \times 28$ mm **[AN]**  $100 \times 25 \times 34$ mm



# Tomokazu Harimoto

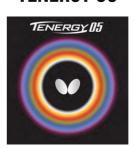
HARIMOTO TOMOKAZU **INNERFORCE ALC** 



DIGNICS 05



**TENERGY 05** 







\*Blade size: 158×152mm \*Blade thickness: 5.7mm

\*Grip size: **[FL]**  $100 \times 24 \times 34$ mm **[ST]**  $100 \times 23 \times 28$ mm **[AN]**  $100 \times 24 \times 34$ mm



\*Blade size: 158×152mm \*Blade thickness: 6.2mm

\*Grip size: **[FL]**  $100 \times 25 \times 34$ mm **[ST]**  $100 \times 23 \times 28$ mm **[AN]**  $100 \times 25 \times 34$ mm



#### **AMULTART**

High performance model with ZL-Carbon



\*Blade size: 157×150mm \*Blade thickness: 7.1mm

\*Grip size: **[FL]** 100×25×34mm **[Sl]** 100×24×28mm

 $(Length \times thickness \times end width)$ 



#### PRIMORAC CARBON

Carbon with an irresistible power









\*Blade size: 157×150mm \*Blade thickness: 7.0mm

\*Grip size: [FL]  $100\times25\times35$ mm [ST]  $100\times23\times28$ mm

(Length  $\times$  thickness  $\times$  end width)



#### SK CARBON

Easy-to-use carbon blade



+ TAMC45000

\*Blade size: 157×150mm \*Blade thickness: 5.2mm

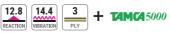
\*Grip size: **[FL]**  $100 \times 24 \times 34$ mm **[ST]**  $100 \times 23 \times 28$ mm

 $(\mathsf{Length} \times \mathsf{thickness} \times \mathsf{end} \, \mathsf{width})$ 



#### **SARDIUS**

Carbon blade for powerful attacking









\*Blade size: 158×152mm \*Blade thickness: 7.2mm

\*Grip size: 100×25×35mm (Length  $\times$  thickness  $\times$  end width)



#### NEW

#### **TIMO BOLL CAF**

Highly-balanced model with CA-Fiber









\*Blade size: 157×150mm \*Blade thickness: 5.7mm \*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×28mm

(Length  $\times$  thickness  $\times$  end width)



#### NEW

#### TB5a

Beginners' model with fast response







\*Blade size: 158×152mm \*Blade thickness: 6.4mm

\*Grip size: 100×26×33mm (Length  $\times$  thickness  $\times$  end width)





#### HADRAW SR

Powerful attack from high reaction "Wenge" wood



\*Blade size: 157×150mm \*Blade thickness: 6.6mm

\*Grip size: **[FL]**  $100 \times 24 \times 34$ mm **[ST]**  $100 \times 23 \times 28$ mm **[AN]**  $100 \times 24 \times 34$ mm

(Length  $\times$  thickness  $\times$  end width)



#### **HADRAW SK**

7-ply blade for range of styles



\*Blade size: 157×150mm \*Blade thickness: 6.4mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×28mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



#### HADRAW VR

5-ply all-wood blade for powerful attack



\*Blade size: 157×150m \*Blade thickness: 5.9mm

\*Grip size: **[FL]** 100×25×34mm **[ST]** 100×23×28mm **[AN]** 100×25×34mm



#### HADRAW VK

5-ply blade for all-round play







\*Blade size: 157×150mm \*Blade thickness: 5.7mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×23×28mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



#### TIMO BOLL W7

7-ply blade with power and control







\*Blade size: 157×150mm \*Blade thickness: 6.8mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×22×27.5mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



#### SK7 CLASSIC

Revived model of the classic masterpiece SK7







\*Blade size: 157×150mm \*Blade thickness: 6.8mm \*Grip size: **[FL]** 100×25×34mm **[ST]** 100×23×28mm (Length  $\times$  thickness  $\times$  end width)



#### **KORBEL SK7**

7-ply blade popular in Europe







\*Blade size: 157×150mm \*Blade thickness: 6.8mm

\*Grip size: **[FL]** 100×24×35mm **[ST]** 100×23×28mm **[AN]** 100×24×34mm

(Length  $\times$  thickness  $\times$  end width)



#### A. MAZUNOV

All-wood blade for powerful attacking







\*Blade size: 158×152mm \*Blade thickness: 6.7mm

\*Grip size: **[FL]** 100×25×34mm **[ST]** 100×23×27.5mm **[AN]** 100×25×32mm

(Length  $\times$  thickness  $\times$  end width)



#### **KONG LINGHUI**

Champion's model with exquisite control







\*Blade size: 154×148mm \*Blade thickness: 5.5mm

\*Grip size: 100×24×34mm (Length  $\times$  thickness  $\times$  end width)



#### **KORBEL**

Synonym for all-wood 5-ply blade



\*Blade size: 158×152m \*Blade thickness: 5.9mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×23×28mm

(Length  $\times$  thickness  $\times$  end width)



#### **MAZE PERFORMANCE**

Distinguished high-level performance



\*Blade size: 157×150mm \*Blade thickness: 6.7mm

\*Grip size:  $100 \times 24 \times 34$ mm (Length  $\times$  thickness  $\times$  end width)



#### **PRIMORAC**

Blade with European speed







\*Blade size: 157×150mm \*Blade thickness: 5.5mm

\*Grip size:  $100\times25\times34$ mm (Length  $\times$  thickness  $\times$  end width)



#### NEW

#### **XSTAR V**

Provides high precision and stability







\*Blade size: 158x152mm \*Blade thickness: 5.6mm

\*Grip size: **[FL]** 100x24mm (Length × thickness × end width)



#### **BOLL FORTE**

Provides high precision and stability







\*Blade size: 158x150mm \*Blade thickness: 6.0mm

\*Grip size: **[FL]** 100x25mm **[AN]** 100x25mm **[ST]** 100x25mm

(Length  $\times$  thickness  $\times$  end width)



#### **BOLL OFFENSIVE**

The blade is also lighter making it easier to maneuver







\*Blade size: 158x150mm \*Blade thickness: 5.9mm

\*Grip size: **[FL]** 100x25mm **[AN]** 100x25mm **[ST]** 100x25mm



#### **BOLL ALLROUND**

The blade is also lighter making it easier to maneuver.





\*Blade size: 159x150mm \*Blade thickness: 5.5mm

\*Grip size: **[FL]** 100x25mm **[AN]** 100x25mm **[ST]** 100x25mm **[XXS]** 153x146mm (Length  $\times$  thickness  $\times$  end width)



#### **BOLL CONTROL**

Suitable for players seeking optimum control for precise ball placement







\*Blade size: 158x150mm \*Blade thickness: 5.7mm

\*Grip size: **[FL]** 100x25mm **[AN]** 100x25mm **[ST]** 100x25mm

(Length  $\times$  thickness  $\times$  end width)



#### **GIONIS CARBON ALL+**

The Gionis Allround is made for any kind of all-round play







10.2 8 5 + CARBON

\*Blade size: 159x152mm \*Blade thickness: 5.4mm

\*Grip size: **[FL]** 100x25m **[AN]** 100x25m **[ST]** 100x25m



#### **GIONIS CARBON OFF**

The Gionis Offensive plays surprisingly direct and offensive







11 8.8 SUPPLY + CARBON

\*Blade size: 100x25mm \*Blade thickness: 6.2mm

\*Grip size: **[FL]** 100x25mm **[AN]** 100x25mm **[ST]** 100x25mm

(Length  $\times$  thickness  $\times$  end width)



#### **BALSA CARBO X5**

The Balsa core offers light weight and great touch









\*Blade size: 158x150mm \*Blade thickness: 7.0mm

\*Grip size: **[FL]** 102x23mm **[AN]** 103x25mm **[ST]** 103x25mm

(Length  $\times$  thickness  $\times$  end width)



#### **ANDRZEJ GRUBBA**

Ideal for topspin, short chops, blocks, and smashes.







\*Blade size: 158x151mm \*Blade thickness: 6.0mm

\*Grip size: **[FL]** 100x25mm **[AN]** 100x25mm **[ST]** 100x25mm







#### **MAZE MAGIC**

Provides power for even the most offensive topspin shots



\*Blade size: 159x151mm \*Blade thickness: 5.9mm

\*Grip size: **[FL]** 100x24mm **[AN]** 100x24mm **[ST]** 100x24mm

(Length  $\times$  thickness  $\times$  end width)



#### INNERSHIELD LAYER ZLF

Defensive model with ZL-Fiber





\*Blade size: 166×155mm \*Blade thickness: 5.1mm

\*Grip size: **[FL]**  $100 \times 24 \times 34$ mm **[ST]**  $100 \times 23 \times 30$ mm

 $(Length \times thickness \times end width)$ 



#### **HADRAW SHIELD**

Renowned for consistency in both attack and defence



\*Blade size: 166×155m \*Blade thickness: 5.3mm

\*Grip size: **[FL]** 100×24×34mm **[ST]** 100×23×30mm



# HARIMOTO TOMOKAZU

INNERFORCE ZLC - CS
Innerfiber ZL-Carbon blade with increased power













\*Blade size: 161x150mm \*Blade thickness: 5.7mm

\*Grip size: 82×24×32mm





# HARIMOTO TOMOKAZU INNERFORCE SUPER ZLC - CS The first Innerfiber model with Super ZL-Carbon











\*Blade size: 161x150mm \*Blade thickness: 6.2mm

\*Grip size: 82×24×32mm





#### NEW

#### HARIMOTO TOMOKAZU INNERFORCE ALC - CS

Tomokazu Harimoto's model



\*Blade size: 158x152mm \*Blade thickness: 6.0mm

\*Grip size:  $82 \times 24 \times 32$ mm

(Length  $\times$  thickness  $\times$  end width)



#### **INNERFORCE LAYER ZLC - CS**

High-performance Chinese penhold balancing power and control



\*Blade size: 161×150m \*Blade thickness: 5.7mm

\*Grip size:  $82 \times 24 \times 32$ mm

(Length  $\times$  thickness  $\times$  end width)



#### **INNERFORCE LAYER ZLF - CS**

High stability achieved thanks to the thin blade



\*Blade size: 161×150mm \*Blade thickness: 5.3mm

\*Grip size: 82×23×32mm



#### **INNERFORCE LAYER ALC.S - CS**

Improved ease of imparting spin on the ball











\*Blade size: 161×150mm \*Blade thickness: 5.5mm

\*Grip size: 82×24×32mm (Length  $\times$  thickness  $\times$  end width)



#### NEW

#### TIMO BOLL CAF - CS

Highly-balanced model with CA-Fiber











\*Blade size: 161×150mm \*Blade thickness: 5.7mm

\*Grip size: 82×23×32mm

(Length  $\times$  thickness  $\times$  end width)



#### SK CARBON - CS

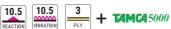
Easy-to-use carbon blade











\*Blade size: 161×150mm \*Blade thickness: 5.2mm

\*Grip size: 82×24×32mm (Length  $\times$  thickness  $\times$  end width)



#### SK7 CLASSIC - CS

Chinese penhold of all-wood 7-ply





\*Blade size: 161×150mm \*Blade thickness: 6.8mm

\*Grip size:  $82 \times 24 \times 32$ mm (Length  $\times$  thickness  $\times$  end width)



#### **ZHANG JIKE SUPER ZLC - CS**

It makes power and control possible at the same time











\*Blade size: 161x150mm \*Blade thickness: 5.6mm

\*Grip size: 82x24mm

(Length  $\times$  thickness  $\times$  end width)



#### **AMULTART - CS**

The resulting blade has great speed









\*Blade size: 161x150mm \*Blade thickness: 7.1mm

\*Grip size: 82x25mm



#### **INNERFORCE LAYER ALC CS**

Well-Balanced Model With Bounce And Usability Style











\*Blade size: 161x150mm \*Blade thickness: 6.0mm

\*Grip size: 82x24mm

(Length  $\times$  thickness  $\times$  end width)



#### PRIMORAC CARBON-CS

Carbon With An Irresistible Power Style









\*Blade size: 161x150mm \*Blade thickness: 6.9mm

\*Grip size: 82x25mm

(Length  $\times$  thickness  $\times$  end width)



#### TIMO BOLL ALC CS

Offers the maximum blend of speed, heavy spin & control











\*Blade size: 157x150 mm \*Blade thickness: 5.4mm

\*Grip size: 82x24mm



#### TIMO BOLL ZLC CS

High Performance Model With ZL-Carbon Style



\*Blade Size:157x150mm \*Blade Thickness: 5.5mm

\*Grip size: 82x24mm



#### TIMO BOLL ZLF CS

High Performance Model With ZL-Fiber Style



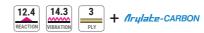
\*Blade Size:157x150mm \*Blade Thickness: 5.4mm

\*Grip size: 82x24mm



#### **SUPREME SPEED CS**

Fast And Precise For Relentless Attacks Style



\*Blade size: 157x150mm \*Blade thickness: 6.9mm

\*Grip size: 82x25mm



#### **HADRAW VR - CS**

5-ply Chinese penhold for powerful attack



\*Blade size: 161×150mm \*Blade thickness: 5.9mm

\*Grip size:  $82\times24\times32$ mm (Length  $\times$  thickness  $\times$  end width)



#### **STRAVE CS**

Strike Bravely, Strave Style



\*Blade size: 158x150mm \*Blade thickness: 6.7mm

\*Grip size: 82x23mm

(Length  $\times$  thickness  $\times$  end width)



#### **CHINESE REAL CS**

Distinguished high speed



\*Blade size: 158×150mm \*Blade thickness: 7.7mm

\*Grip size:  $82\times24\times33$ mm (Length  $\times$  thickness  $\times$  end width)



#### **SHAMADA CS**

Easy to use your wrist







\*Blade size: 160×150mm \*Blade thickness: 7.5mm

\*Grip size: 80×23×28mm (Length  $\times$  thickness  $\times$  end width)



#### **TAKSIM CS**

Fast And Flexible Model With Arylate/Carbon Style









\*Blade size: 158x150mm \*Blade thickness: 7.0mm

\*Grip size: 82x24mm

(Length  $\times$  thickness  $\times$  end width)



#### YOSHIDA KAII CS

Kaii Yoshida's model







\*Blade size: 161×150mm \*Blade thickness: 6.8mm

\*Grip size: 82×25×32mm



#### **CYPRESS G-MAX**



Best one-ply Kiso Hinoki







\*Blade size: 163×135mm \*Blade thickness: 10.0mm

\*Grip size:  $92 \times 20 \times \{15, 21\}$ mm

 $(Length \times height \times end width \{top, bottom\})$ 



#### **CYPRESS V-MAX**



High-end one-ply Kiso Hinoki







\*Blade size: 163×135mm \*Blade thickness: 10.0mm

\*Grip size: 92×20×{15, 21}mm

(Length × height × end width {top, bottom})



#### **CYPRESS T-MAX**



One-ply Kiso Hinoki recommended for a wide range of players



\*Blade size: 163×135mm \*Blade thickness: 10.0mm

\*Grip size: 92×20×{15, 21}mm

 $(Length \times height \times end width \{top, bottom\})$ 



#### **GARAYDIA REVOLVER**

Combination penhold for attack and defence close to the table



\*Blade size: 161×141mm \*Blade thickness: 6.4mm

\*Grip size: 86×16×{20, 20}mm

 $(Length \times height \times end width \{top, bottom\})$ 



#### **HADRAW JPV-R**

Plywood penhold style for all abilities



\*Blade size: **[S]** 163×135mm **[R]** 161×141mm \*Blade thickness: 7.1mm

\*Grip size: **[S]**  $92\times20\times\{15,21\}$ mm **[R]**  $92\times20\times\{15,21\}$ mm (Length × height × end width {top, bottom})



#### **HADRAW JPV-S**

Plywood penhold style for all abilities



\*Blade size: [S]  $163 \times 135$ mm [R]  $161 \times 141$ mm \*Blade thickness: 7.1mm

\*Grip size: **[S]**  $92\times20\times\{15,21\}$ mm **[R]**  $92\times20\times\{15,21\}$ mm (Length × height × end width {top, bottom})



#### HADRAW REVOLVER

Easy to use combination penhold blade

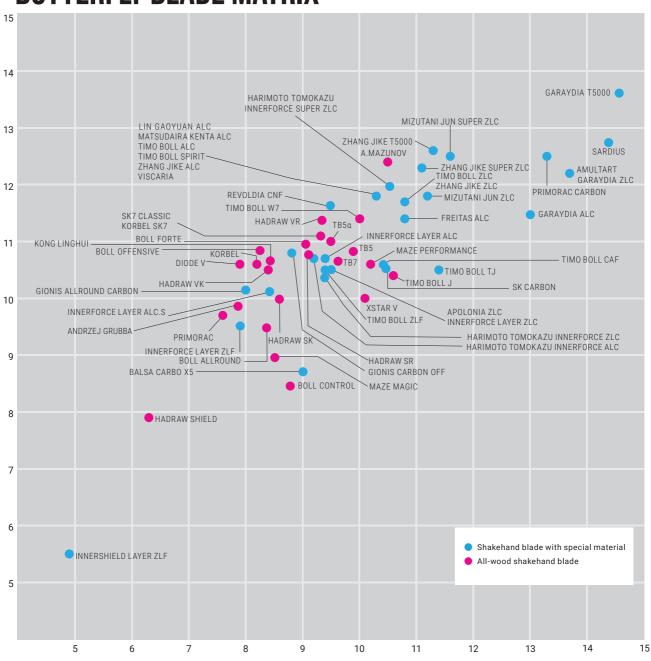


\*Blade size: 161×141mm \*Blade thickness: 5.9mm

\*Grip size: 86×16×{20, 20}mm

 $(\mathsf{Length} \times \mathsf{height} \times \mathsf{end} \ \mathsf{width} \ \{\mathsf{top}, \mathsf{bottom}\})$ 

### **BUTTERFLY BLADE MATRIX**

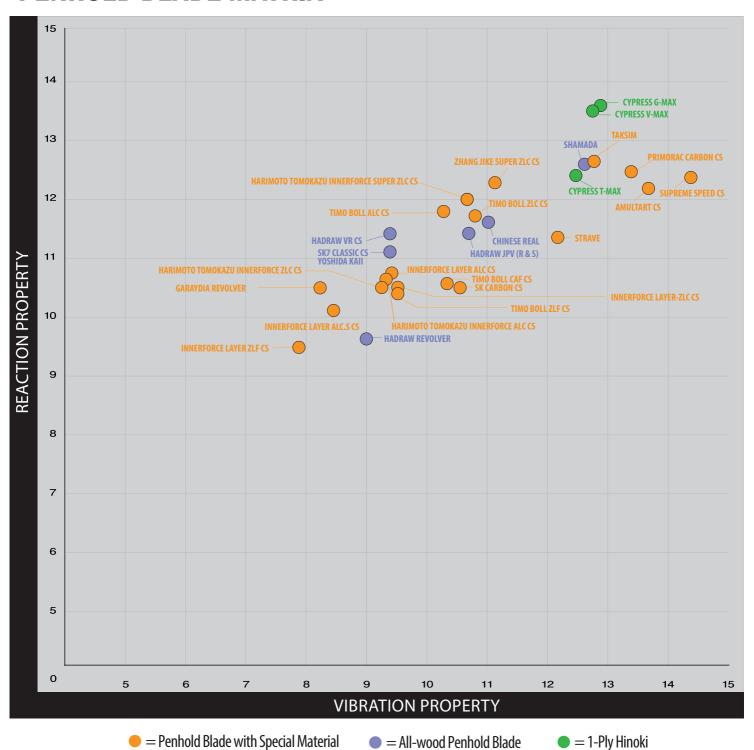


**VIBRATION PROPERTY** 

#### **BUTTERFLY SHAKEHAND BLADE**

	DI AVENIA					N. 4. N. N.					
BLADE	PLAYING	PLIES	REACTION	VIBRATION	WEIGHT	BLADE DIMS (mm) Height Width		HEAD	HANDLE DIMS (mm) AN FL SI/ST		
A MAZUNOV	<b>STYLES</b> Attack	5W	12.4	10.5	(Grams) Avg.	Height	1	THICKNESS (mm)		100+25	
A. MAZUNOV AMULTART	ATTACK	3W+2ZLC	12.4 12.2	13.7	103 86	158 157	152 150	6.7 7.1	100x25 X	100x25 100x25	100x23 100X24(SI)
AND RZEJ GRUBBA	ALL-ROUND	5W+22LC	9.7	7.9	85	157	151	5.7	100x25	100x25	100x24(SI) 100x25
APOLONIAZLC	ATTACK	5W+2ZLC	10.5	9.5	89	157	150	5.7	100x23	100x23	100x23
BALSACARBO X5	ATTACK	3W+22CC	8.7	9.0	80	159	150	6.7	100x24 100x25	100x24 100x25	100x25
BOLL ALLROUND	ALL-ROUND	5W+2C			85		150	5.8	100x25	100x25	100x25
BOLL ALLROUND XXS	ALL-ROUND	5W	9.6	8.3 8.3	85	158 153	146	5.5	χ	97x22	χ
BOLL CONTROL	ALL-ROUND	5W	9.6 8.6	8.8	85	158	150	5.9	100x25	100x25	100x25
BOLL FORTE	ATTACK	5W			90	158	150		100x25	100x25 100x25	100x25 100x25
			11.0	9.0				6.0			
BOLL OFFENSIVE	ATTACK	5W	10.9	8.7	90	158	150	6.0	100x25 X	100x25	100x25
DIODEV	DEFENSE	5W	10.6	7.9	97	165	156	5.7		100x24	100x23
FREITAS ALC	ATTACK	5W+2ALC	11.4	10.8	84	157	150	6.0	100x25	100x25	100x23
GARAYDIAALC	ATTACK	3W+2ALC	11.4	13.0	82	157	150	6.9	100x24	100x24	100x23
GARAYDIAT-5000	ATTACK	3W+2T5000	13.6	14.5	89	157	150	7.2	100x25	100x25	100x23
GARAYDIAZLC	ATTACK	3W+2ZLC	12.2	13.7	86	157	150	7.1	100x25	100x25	100x23
GIONIS CARBON ALLROUND	ATTACK	5W+2C	10.2	8.0	85	159	152	5.7	100x25	100x25	100x25
GIONIS CARBON OFFENSIVE	ATTACK	5W+2C	11.0	8.8	90	159	152	6.2	100x25	100x25	100x25
HARIMOTO TOMO KAZU INNERFORCE ALC	ATTACK	5W+2ALC	10.7	9.2	88	158	152	6.0	100X25	100X25	100X23
HARIMOTO TOMOKAZU INNERFORCE ZLC	ATTACK	5W+2ZLC	10.5	9.3	89	158	152	5.7	100x24	100x24	100x23
HARIMOTO TOMOKAZU INNERFORCE SUPER ZLC	ATTACK	5W+2SZLC	12.0	10.5	90	158	152	6.2	100x25	100x25	100x23
HADRAW SHIELD	DEFENSE	5W	7.9	6.3	92	166	155	5.3	Х	100x24	100x23
HAD RAW SK	ATTACK	7W	10.0	8.6	85	157	150	6.4	100x24	100x24	100x22
HAD RAW SR	ATTACK	7W	10.8	9.1	92	157	150	6.6	100x24	100x24	100x23
HAD RAW VK	ATTACK	5W	10.5	8.4	82	157	150	5.7	100x24	100x24	100x23
HAD RAW VR	ATTACK	5W	11.4	9.3	88	157	150	5.9	100x25	100x25	100x23
INNERFORCE LAYER ALC	ATTACK	5W+2ALC	10.7	9.4	85	157	150	6.0	100x25	100x25	100x23
INNERFORCE LAYER ALC.S	ATTACK	5W+2ALC	10.1	8.4	88	157	150	5.5	100x24	100x24	100x23
INNERFORCE LAYER ZLC	ATTACK	5W+2ZLC	10.5	9.5	85	157	150	5.7	100x24	100x24	100x23
INNERFORCE LAYER ZLF	ATTACK	5W+2ZLF	9.6	7.9	86	157	150	5.3	100x24	100x24	100x22
INNERSHIELD LAYER ZLF	ATTACK	5W+2ZLF	5.5	4.9	84	166	155	5.1	Х	100x24	100x23
KONGLINGHUI	ATTACK	5W	10.6	8.4	90	154	148	5.5	Х	100X24	Х
KORBEL SK7	ATTACK	7W	11.1	9.3	92	157	150	6.8	100x24	100x24	100x23
LIN GAOYUAN ALC	ATTACK	5W+2AC	11.8	10.3	87	157	150	5.7	Х	101X24	100X22
MATSUD AIRA KENTA ALC	ATTACK	5W+2ALC	11.8	10.3	85	157	150	5.8	Х	100x23	Х
MAZEMAGIC	ALL-ROUND	5W	9.5	8.5	85	159	151	5.9	100x24	100x24	100x24
MAZE PERFO RMANCE	ATTACK	5W	10.6	10.2	73	157	150	6.7	Х	100x24	χ
MAZUNOV	ATTACK	5W	12.4	10.5	102	158	125	6.7	100X25	100X25	100X23
MIZUTANI JUN SUPERZLC	ATTACK	5W+2SZLC	12.5	11.6	90	157	150	5.8	100X24	100x24	100x22
MIZUTANI JUN ZLC	ATTACK	5W+2ZLC	11.8	11.2	85	157	150	5.7	100x24	100x24	100x22
PETR KORBEL	ATTACK	5W	10.6	8.2	90	158	152	5.9	Х	100X24	100X23
PRIMORAC	ATTACK	5W	9.7	7.6	84	157	150	5.5	Х	100x25	χ
PRIMORAC CARBON	ATTACK	3W+2T5000	12.5	13.3	89	157	150	7.0	χ	100x24	100x23
REVOLDIACNF	ATTACK	5W+2CNF	11.7	9.5	90	157	150	5.7	Х	100X25	Х
SARDIUS	ATTACK	3W+2T5000	12.8	14.4	92	158	152	7.2	Х	100x25	Х
SK CARBO N	ATTACK	3W+2T5000	10.5	10.5	76	157	150	5.2	Х	100x24	100x23
SK7 CLASSIC	ATTACK	7W	11.1	9.3	90	157	150	6.8	Х	100x25	100x23
TBS ALPHA	ATTACK	5W	11.0	9.5	88	158	152	6.4	Х	100X26	Х
TBS	ATTACK	5	10.8	9.9	86	154	148	6.4	X	102x26	Х
TB7	ATTACK	7	10.6	9.6	84	154	148	6.3	X	102x25	χ
TIMO BOLL ALC	ATTACK	5W+2ALC	11.8	10.3	84	157	150	5.8	100x24	100x24	100x22
TIMO BOLL CAF	ATTACK	3W+2ALC	10.6	10.5	82	157	150	5.7	χ	100x24 100x24	100x22 100x22
TIMO BOLL J	ATTACK	5W T2ALC	10.4	10.4	70	152	144	6.1	X	92X22	χ
TIMO BOLL TJ	ATTACK	3W + 2T5000	10.4	11.4	70	154	146	5.2	X	95X21	Х
TIMO BOLL SPIRIT	ATTACK	5W+215000 5W+2ALC	11.8	10.3	87	157	150	5.8	100x24	100x24	100x22
TIMO BOLL W7	ATTACK	5W+ZALC 7W	11.8	10.3	94	157	150	6.8	100x24 100x24	100x24 100x24	100x22 100x22
TIMO BOLL ZLC	ATTACK	5W+2ZLC	11.7	10.8	84	157	150	5.5	100X24	100X24	100X22
TIMO BOLL ZLF	ATTACK	5W+2ZLF	10.5	9.4	82	157	150	5.4	100X24	100X24	100X22
VISCARIA	ATTACK	5W+2ALC	11.8	10.3	85	157	150	5.8	X	100x25	X
X-STARV	ATTACK	5W	10.0	8.2	83	158	152	5.6	Х	102x24	Х
ZHANGJIKE ALC	ATTACK	5W+2ALC	11.8	10.3	86	157	150	5.8	102x24	100x25	100x23
ZHANGJIKE SUPERZLC	ATTACK	5W+2SZLC	12.3	11.1	87	157	150	5.6	102x24	100x25	100x23
ZHANGJIKET-5000	ATTACK	5W+2T5000	12.6	11.3	91	157	150	5.5	102x25	100x25	100x24
ZHANGJIKE ZLC	ATTACK	5W+2ZLC	11.7	10.8	86	157	150	5.5	102x24	100x25	100x23

## PENHOLD BLADE MATRIX



# **BUTTERFLY PENHOLD**

# **SPECIFICATION CHART**

BLADE	PLAYING STYLES	PLIES	REACTION	VIBRATION	WEIGHT (Grams) Avg.	BLADE DII Height	MS (mm) Width	HEAD THICKNESS (mm)	HANDLE DIMS (mm)		
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	9.4	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	12.0	10.7	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 ALC.S - 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 KAII - 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		

#### REACTION PROPERTY



\*The reaction property is the quantified value illustrating the base speed of a blade. A low reaction property signifies the lower speed of the ball after contact with the blade. A high reaction property signifies the higher speed of the ball after impact

#### **VIBRATION PROPERTY**



\*The vibration property is the quantified value illustrating the feeling of a blade on impact. A low vibration property in general signifies slower vibration on ball contact and denotes a blade with a softer touch. A high vibration property in general signifies faster vibration of the blade on contract with the ball and denotes a blade with a harder touch.

#### PLYWOOD COMPOSITION



1-ply wood



3-ply wood



5-ply wood



7-ply wood

#### GRIP SHAPE (SHAKEHAND)

FL Flare > Gravity center is closer to grip and the blade fits in the palm.

**ST** Straight > The straight grip enables to change a way of grip according to the play.

**AN** Anatomic> Wave-shape grip fits in the palm and provides stability.

Straight Incline>The width is straight and the thickness becomes thicker toward grip-end.

#### FEATURES OF MATERIALS FOR BLADE





Extra fine fibers obtained by finely loosening plant fibers such as wood to nano size (1 nm is 1/1,000,000 of 1 mm). Its feature is the lower vibration property wich brings the feeling of holding the ball to the blade despite of the high bounce.



Super ZL-Carbon has 1.8 times as much densely woven Carbon-Fibers and ZL-Fibers in mass, as the existing ZL-Carbon by using special technology. The remarkable reaction and control provided by the expanded high-reaction area has taken the blade to the next stage.



ZL-Carbon is a woven combination of Carbon fiber and ZL-Fiber: Carbon fiber has a high reaction level and ZL-Fiber provides strength, elasticity and lightness. ZL-Carbon, the super fiber, gives the blade a high level of performance.



ZL-Fiber has a detailed molecular configuration that is strong and elastic. Its ratio is 10 percent lower than Carbon fiber, thus making the blade both light and with a high performance level.

#### **Arylake-CARBON**



Arylate-Carbon is a special material created with a woven combination of Arylate and Carbon. Blades using Arylate-Carbon have power, speed and control.

#### **TAMC4** 5000



Carbon (TAMCA-5000) is strong and light: six times stronger and one fifth in weight compared with iron and steel. Blades using TAMCA-5000 are light and strong with high elasticity and enable high performance.





CA-Fiber is a special material derived from wood. As it is very flexible, it helps to "hold" the ball which offers a higher level of control. Additionally, the tensile strength is high so there is also good speed.





# 





**NAKAMA S-2** 

\*Rubber: SAPPHIRA red, SAPPHIRA black \*Blade material: Wood + Carbon

Made in China



#### **NAKAMA S-1**

\*Rubber: SRIVER red, SRIVER black \*Blade material: Wood + Carbon

Made in China









**NAKAMA S-4** 

\*Rubber: WAKABA red, WAKABA black \*Blade material: Wood + Carbon

Made in China







Made in China

**NAKAMA S-3** 

\*Blade material: Wood + Carbon







\*Rubber: PAN ASIA red, PAN ASIA black

\*Blade material: Wood + Carbon

Made in China





**NAKAMA S-6** 

\*Rubber: SRIVER red, SRIVER black

\*Blade material: Wood

Made in China





**NAKAMA S-8** 

\*Rubber: FLEXTRA red, FLEXTRA black \*Blade material: Wood

Made in China



Made in China

**NAKAMA S-7** 

\*Blade material: Wood

**NAKAMA S-9** 

\*Rubber: PAN ASIA red, PAN ASIA black

\*Blade material: Wood

Made in China







**NAKAMA S-10** 

\*Rubber: WAKABA red, WAKABA black

\*Blade material: Wood

Made in China



- Rubber - Blade J.T.T.A.A.

NAKAMA P-1

\*Rubber: SRIVER red

\*Blade material: Wood + Carbon

- Natural cork grip

Made in China







NAKAMA P-3

\*Rubber: SRIVER red

\*Blade material: 1-ply Kiso Hinoki

- Natural cork grip

Made in China





#### **NAKAMA P-4**

- \*Rubber: FLEXTRA red
- \*Blade material: 1-ply Kiso Hinoki
- Natural cork grip

Made in China







- \*Rubber: WAKABA red
- \*Blade material: 1-ply Kiso Hinoki
- Natural cork grip

Made in China









- \*Rubber: FLEXTRA red
- \*Blade material: Wood
- Natural cork grip

Made in China









### **NAKAMA P-7**

- \*Rubber: WAKABA red
- \*Blade material: Wood
- Natural cork grip

Made in China







### **BTY-CS 1000**

\*Rubber: PAN ASIA red \*Blade material: Wood

Made in China







### **BTY-CS 2000**

\*Rubber: PAN ASIA red, PAN ASIA black

\*Blade material: Wood

Made in China



### **RDJ SET FOR 2 PLAYERS**

\*Rubber: ADDOY red, ADDOY black

\*Blade material: Wood

\*With 3 balls

Made in China







### **RDJ SET FOR 4 PLAYERS**

\*Rubber: ADDOY red, ADDOY black

\*Blade material: Wood

\*With 6 balls

Made in China





\*Rubber: ADDOY red, ADDOY black

\*Blade material: Wood

Made in China







### **ADDOY 2000**

\*Rubber: ADDOY red, ADDOY black

\*Blade material: Wood

Made in China





### **ADDOY 3000**

\*Rubber: ADDOY red, ADDOY blac

\*Blade material: Wood

Made in China





### NITCHUGO - I

\*Rubber: ADDOY red \*Blade material: Wood

Made in China







### **WAKABA 2000**

\*Rubber: WAKABA red, WAKABA black \*Blade material: Wood

Made in China



### **WAKABA 3000**

**WAKABA 1000** 

\*Blade material: Wood

Made in China

\*Rubber: WAKABA red, WAKABA black \*Blade material: Wood

Made in China



- Rubber - Blade

JTTAA





\*Rubber: PAN ASIA red, PAN ASIA black Blade material: Wood

Made in China





### **TIMO BOLL 2000**

\*Rubber: PAN ASIA red, PAN ASIA black Blade material: Wood

Made in China





### **TIMO BOLL 3000**

\*Rubber: PAN ASIA red, PAN ASIA black Blade material: Wood

Made in China



- Rubber - Blade JTTAA





TIMO BOLL CF 2000

\*Rubber: PAN ASIA red, PAN ASIA black \*Blade material: Wood + Carbon

Made in China









### HARIMOTO TOMOKAZU 2000

\*Rubber: PAN ASIA red, PAN ASIA black

\*Blade material: Wood

- With 2 balls

Made in China



- Rubber - Blade J.T.T.A.A.





### HARIMOTO TOMOKAZU 1800 KIDS

The Harimoto Tomokazu 1800 Kids Racket has a smaller head and handle, ideal for younger developing players. This racket set also comes with two 40+ training balls to get you started playing right away. The paddle also has Addoy rubber on both sides, which is ITTF Approved, making it legal for tournament play!



## \*Good Spin. Better Speed. Even Better Control \*Speed: 64 | Spin: 66.5 | Control: 81 \*Spryer rubber with 1.7mm sponge



RDJ S2

\*Good Spin. Better Speed. Even Better Control

\*Speed: 64 | Spin: 66.5 | Control: 81

\*5-ply wood

\*Spryer rubber with 1.7mm sponge





### RDJ S3

RDJ S1

\*5-ply wood

\*Good Spin. Better Speed. Even Better Control

\*Speed: 64.5 | Spin: 67.0 | Control: 80.5

\*5-ply wood

\*Spryer rubber with 1.9mm sponge







RDJ S4

\*Good Spin. Better Speed. Even Better Control

\*Speed: 64.5 | Spin: 67.0 | Control: 80.5

\*5-ply wood

\*Spryer rubber with 1.9mm sponge





### RDJ S5

\*Ideal Balance of Speed, Spin And Control

\*Speed: 70.0 | Spin: 72.5 | Control: 73.5

\*5-ply wood

\*Spryer rubber with 1.9mm sponge









RDJ S6

\*Ideal Balance of Speed, Spin And Control

\*Speed: 70.0 | Spin: 72.5 | Control: 73.5

\*5-ply wood

\*Spryer rubber with 1.9mm sponge







### **RDJ CS-1 PENHOLD**

- \*Good Spin. Better Speed. Even Better Control
- \*Speed: 64 | Spin: 66.5 | Control: 81
- \*5-ply wood
- \*Spryer rubber with 1.7mm sponge





### **RDJ CS-2 PENHOLD**

- \*Ideal Balance of Speed, Spin And Control
- \*Speed: 70.0 | Spin: 72.5 | Control: 73.5
- \*The RDJ CS-2 has rubber on both sides allowing you to execute Reverse Penhold Backhand shots
- \*5-ply wood
- \*Spryer rubber with 1.9mm sponge





### **BTY 201 FL**

The Butterfly 201 shakehand racket is assembled with Butterfly Yuki rubber on both sides.

The Yuki rubber is extremely tacky offering tremendous spin.

The hard 2.0mm sponge layer will provide excellent quickness and speed. Comes with a free racket cover.

Speed: 65 | Spin: 72.5 | Control: 85

#### **BTY 302 FL**

The Butterfly 302 shakehand racket is assembled with Butterfly Yuki rubber on both sides.

The Yuki rubber is extremely tacky offering tremendous spin.
The hard 2.1mm sponge layer will provide excellent quickness and speed.

Comes with a free racket cover.

Speed: 72.5 | Spin: 75 | Control: 85





### **BTY 303 FL**

Assembled with Yuki & Magnitude rubber.
Yuki is extremely tacky offering tremendous spin
Magnitude is a pips-out rubber featuring a taller pip that will add a wide variety of spin to your arsenal.

Hard 2.1mm sponge will provide excellent quickness & speed.

Free racket cover.

Speed: 72.5 | Spin: 75 | Control: 85

### **BTY 401 FL**

The Butterfly 401 shakehand racket is assembled with Butterfly Yuki rubber on both sides.

The Yuki rubber is extremely tacky offering tremendous spin. The 2.1mm sponge layer will provide excellent speed and more springy feel on all shots.

Comes with a free racket cover. Speed: 80 | Spin: 80 | Control: 85





#### **BTY 501 FL**

The Butterfly 501 shakehand racket comes in an attractive colorful box that makes it ideal for gift giving

It is assembled with Butterfly Pan Asia rubber on both sides
The Pan Asia rubber is extremely tacky offering significant spin
The hard 2.0mm sponge layer will provide excellent quickness and speed
Comes with a free racket cover

Speed: 80 | Spin: 80 | Control: 70

### **BTY 603 FL**

The Butterfly 603 shakehand racket comes in an attractively designed gift box that is heavy duty and closes with magnetic tabs

Assembled with Butterfly Wakaba rubber on both sides, 2.1 Red Rubber,

1.9 Black Rubber

The Wakaba rubber is very tacky offering significant spin and speed Comes with a free racket cover Speed: 82 | Spin: 90 | Control: 85



### **BTY 702 FL**



The Butterfly 702 shakehand racket comes in an attractively designed gift box that is heavy duty and closes with magnetic tabs

Assembled with Butterfly Wakaba 2.1 Black Rubber on the backhand and Flextra 2.1 Red Rubber on the forehand

The Wakaba rubber will produce a little less spin and speed, but offer a bit more control. The Flextra rubber has great all-round characteristics, perfecting the balance of speed and spin for the advanced recreational player.

The racket is a 5-ply wood construction with two reinforcing fibers made of Carbon fiber which makes the racket faster and enlarges the sweet spot.

Also includes a Butterfly Full Case which is useful to store and protect your racket.

### **BTY 802 FL**

The Butterfly 802 shakehand racket comes in an attractively designed gift box that is heavy duty and closes with magnetic tabs

Assembled with Butterfly Wakaba 2.1 Black Rubber on the forehand and Flextra 2.1 Red Rubber on the backhand

The Wakaba rubber will produce a little less spin and speed, but offer a bit more control. The Flextra rubber has great all-round characteristics, perfecting the balance of speed and spin for the advanced recreational player.

The racket is a 5-ply wood construction with two reinforcing fibers made of Arylate/Carbon fiber which makes the racket faster, reduces vibration at impact and enlarges the sweet spot.

Also includes a Butterfly Full Case which is useful to store and protect your racket.





#### **ZHANG JIKE BOX SET**

China's Zhang Jike is two-time World Champion (2011 & 2013) and won gold at the Summer Games in London

The racket is a 5-ply wood construction with two reinforcing fibers made of carbon fiber which makes the racket faster and enlarges the sweet spot

The Flextra rubber has great all-round characteristics; a balance of speed and spin for the advanced recreational player

Attractively designed gift box is heavy duty and closes with magnetic tabs Includes a Tour style racket case that can hold two rackets and four balls Speed: 92.5 | Spin: 87.5 | Control: 55

### **BTY 302 CS**

The Butterfly 302 penhold racket is assembled with Butterfly Yuki rubber on both sides.

The Yuki rubber is extremely tacky offering tremendous spin.

The hard 2.1mm sponge layer will provide excellent quickness and speed.

Comes with a free racket cover.

Speed: 72.5 | Spin: 75 | Control: 85





### **BTY303 CS**

Assembled with Yuki & Magnitude rubber.

Yuki is extremely tacky offering tremendous spin

Magnitude is a pips-out rubber featuring a taller pip that will add a wide variety of spin to your arsenal.

Hard 2.1mm sponge will provide excellent quickness & speed.

Free racket cover.

Speed: 72.5 | Spin: 75 | Control: 85

### NEW

## **Lezoline Rifones**

Flagship model in LEZOLINE series





### NEW

## Lezoline Gigu Shoes



\*Model For Top Players With Excellent Shock Absorption

\*Equipped with the thickest sole in the Lezoline series, it exhibits excellent shock absorption.

\*In addition, a fully-covered upper with high holdability that enhances the fit.

\*Designed to support the movement of top players.





## **Sunika Trainers**

With a flexible outer structure and a cushioned, soft sole, Sunika features superb wearing comfort and fashionable looks, suited for leisure and daily use alike. Due to the lightweight construction, SUNIKA is not recommended as a table tennis shoe.



### **Lezoline Mach**

### High-spec LEZOLINE meeting top players' requirements

\*Size: 22.5-30.0cm(16 sizes)

\*Material(Upper): Main body= synthetic fiber, reinforcing part= artificial leather

\*Material(Sole): Rubber, EVAI B-Absorber | Wingrip | B-Ridge | STB



### **Lezoline SAL**

### Athletic shoe both fashionable and functional

Size: Lime green, skyblue and white 19.0, 20.0, 21.0–30.0cm(21 sizes), pink 19.0, 20.0, 21.0–26.0cm(13 sizes), gray 22.5–30.0cm(16 sizes)

Material(Upper): Main body= synthetic fiber, reinforcing part= artificial leather

Material(Sole): Rubber, EVA

Made in China









## Lezoline Trynex Well-balanced LEZOLINE





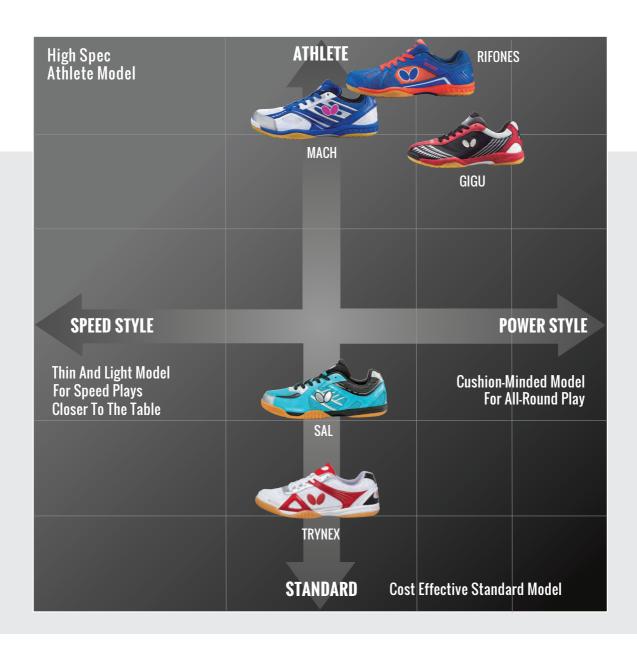
Size: 22.5-28.0cm (12 sizes)

Material(Upper): Main body= synthetic fiber(polyester mesh), reinforcing part= artificial leather

Material(Sole): Rubber, EVA

Made in China

# Shoe Matrix







## Suitcase TABI

The TABI suitcase sets a new standard for table tennis players both inside the hall and during travel.

\*Dimensions: Height:49 x Length: 36 x Width: 23cm







Its durable hard shell material with crisp surface, four steering wheels, durable TSA compatible lock and the cabin size dimensions make it the perfect companion for air travel, the specially designed inner compartments with zipped protection net provide space and protect all necessary table tennis equipment in daily use and on the road.

### **Stanfly Tour Bag Gold**



- \*Spacious inner compartment offers plenty of room for all of your sporting needs
- \*Adjustable shoulder strap
- \*3 outer pockets with zipper, 3 open pouch-type and 2 inner pockets with zipper
- \*Dimensions: 32 x 61 x 31 cm

### **Stanfly Shoulder Bag Gold**



- \*Perfect for your laptop, documents and other accessories
- \*Bottle compartment, key hook
- \*Adjustable shoulder strap one outer zipper pocket, two open pouch type and one inside zipper pocket
- \*Dimensions: 30 x 40 x 19 cm

### **Black Line Rucksack**



- \*High mobilit
- \*Comfortable shoulder straps
- \*Safety compartment on the back

### **Black Line Sport Bag**



- \*Designed for table tennis needs
- \*Multiple inner and outer compartments
- \*highly durable Polyester D1680 material
- \*Adjustable shoulder strap
- \*58l volume

### **Black Line Trolley**



- \*Main telescoping handle locks into place
- \*Main compartment has two adjustable straps to secure your items
- \*Rolls smoothly via inline skate style wheels
- \*Dimensions: 55 x 36 x 20cm

### **Black Line Maxi Bag**



- \*Spacious maxibag with 100l volume
- \*Perfect for travel and extended events
- \*Additional protected bottom compartment for sensitive clothing
- \*Extendable handle and sturdy wheels

### **Black Line Shoulder Bag**



- \*Modern Shoulder bag with laptop compartment and bottle holder
- \*inner compartment with Key anchor

### **Black Line Midi Bag**



- \*Midi bag for essential equipment
- \*Practical outer and inner compartments
- \*Also suited as fitness bag



### **Melowa Suitcase Silver**

- \*The Melowa Suitcase provides a dynamic appearance everywhere
- \*Features robust hard shell material, four individually suspended castors and easily converts hand luggage
- \*In the spacious interior compartment, important luggage is always ready to handle and well protected
- \*Permanently installed lock protects against unwanted access and is TSA compliant
- \*A coveted companion especially during air travel
- \*Dimensions: 49 x 36 x 23 cm



### Sendai Duffle Bag

- \*The Duffle Bag SENDAI provides volume for all essential sports- and table tennis equipment
- \*Framed by two zipped outer compartment
- \*Smart extra: After usage, the duffle bag is easily folded for minimum storage requirement.



### Sendai Rolltop Rucksack

The new Backpack SENDAI will leave a great impression in the training hall and on the road. It features a modern courier-style roll-top and is made from durable Polyester 420D. With its smart inner compartments, SENDAI provides enough space for essential sports equipment — or daily accessories.

### Sendai Gymbag

Versatile gym bag with practical zipper compartment. Made of Jacquard Polyester 38 x 48 x 2cm



### **Kaban Sports Bag**

The new bag series KABAN features a fresh design and is specifically tailored towards the essential needs in table tennis. Its high standards in functionality, quality and a superb price/performance ratio have been a major focus in design for all bags of the KABAN series, featuring metal zippers, an additional outer pocket a shoe bag, adjustable straps. KABAN bags are made from highly durable Polyester 420D material.

Perfect companion for sporting events of any scale. Two side pockets and spacious inner compartment holding 80l. Well suited for daily use in training and multi-day tournaments alike.





### Kaban Midi Bag

The new bag series KABAN features a fresh design and is specifically tailored towards the essential needs in table tennis. Its high standards in functionality, quality and a superb price/performance ratio have been a major focus in design for all bags of the KABAN series, featuring metal zippers, an additional outer pocket a shoe bag, adjustable straps. KABAN bags are made from highly durable Polyester 420D material. The Midi Bag provides space for training needs, holding racket case, shoes, towel clothing and drinking bottle.

### **Kaban DX Case**



### **Kaban Tour Case**



Racket case for a two rackets made from durable Polyester 420D material.

Center section has one large and three small mesh pouches to accommodate balls, cleaner, sponge, extra rubbers sheets, etc. Tray divider with handle notch for two rackets and cut-outs for four balls

Padded front and back panels

Zipper closure and carrying strap

### **Black Line DX Case**



BLACKLINE double case has a spacious compartment for up to two rackets with a blade protector, while the accessory compartment organizes all necessary items. Carry-loop included, made from durable Polyester D1680

### **Black Line Tour Case**

BLACKLINE single Case features a spacious compartment with blade protector, a high quality zipper and a functional carry-loop. Made from sturdy Polyester D1680 material



### **Lojal Full**

- \* Racket shaped case can accommodate a shakehand or penhold racket
- \* Padded front and back panels



### **Lojal DX**

- \* Center section has one large and three small mesh pouches to accommodate balls, cleaner, sponge, extra rubbers sheets, etc.
- \* Tray divider with handle notch for two rackets and cut-outs for four balls
- \* Padded front and back panels
- \* Made of heavy-duty nylon
- \* Zipper closure and carrying strap











### **Lojal Tour**

- \* Tray divider with handle notch for two rackets and cut-outs for four balls
- \* Accessory pouch on inside back panel
- \* Padded front and back panels
- \* Made of heavy-duty nylon
- \* Zipper closure







### **BD Tour Case**

- \* Tray divider with handle notch for two rackets and four balls
- \* Accessory pouch on inside
- \* Padded front and back panels
- \* Made of heavy-duty nylon
- \* Zipper closure





### **BD Full Case**

- \* Racket shaped case can accommodate a shakehand or penhold racket
- \* Padded front and back panels
- \* Made of heavy-duty nylon
- \* Zipper closure









## **Tano T-Shirt**

The contrast between shirts in wide variety of colors and the more understated, lined Hoodie underlines the individual character of the TANO series.

Using the popular "Micro DryFit" material mix, TANO features breathability, skin-friendliness and a comfortable wearing sensation which makes it a perfect fit for all sporting and leisure activities.

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL



### Tano Jacket

The contrast between shirts in wide variety of colors and the more understated, lined Hoodie underlines the individual character of the TANO series.

Using the popular "Micro DryFit" material mix, TANO features breathability, skin-friendliness and a comfortable wearing sensation which makes it a perfect fit for all sporting and leisure activities.

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL



## **Kosay Lady Shirt**

With a classic design, current colors and a neutral fit, KOSAY is a perfect choice for clubs and teams. The shirts are also available in a tapered ladies' fit and are color-coordinated with the available suit colors. KOSAY features a soft and elastic, overall very comfortable and skin friendly material composition that offers great functionality.



2XS XS S M L XL 2XL 3XL 4XL





perfect choice for clubs and teams. The shirts are also available in a tapered ladies' fit and are color-coordinated with the available suit colors. KOSAY features a soft and elastic, overall very comfortable and skin friendly material composition that offers great functionality.

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL

### NEW

## Kosay Tracksuit

With a classic design, current colors and a neutral fit, KOSAY is a perfect choice for clubs and teams. The shirts are also available in a tapered ladies' fit and are color-coordinated with the available suit colors. KOSAY features a soft and elastic, overall very comfortable and skin friendly material composition that offers great functionality.

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL







103

XL 2XL 3XL 4XL



NEW

## Atamy Tracksuit

A modern design and fresh colors meet functionality and quality. ATAMY collection is printed in sublimation process, which guarantees even coloring despite the use of different material compositions. Pants and jacket are shaped comfortably, while the skin-friendly Performance Micro material offers functionality for all sporting activities.

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL







## Tori Lady Shirt

Micro Dryfit material with an elasticated Interlock panel. (100% Polyester).

2XS XS S M L XL 2XL



## Tori Lady Tracksuit

The use of lightweight and elastic functional fibres creates a comfortable wearing experience. (97% Polyester 3% Elastic).

2XS XS S M L XL 2XL





### Tori Shirt

Micro Dryfit material with an elasticated Interlock breast panel. (100% Polyester).

4XS 3XS 2XS XS S M L XL 2XL



### Tori Tracksuit

The use of lightweight and elastic functional fibres creates a comfortable wearing experience. (97% Polyester 3% Elastic).

4XS 3XS 2XS XS S M L XL 2XL





# Kisa Tracksuit

Hooded jacket with full-length zipper, side pockets rib waist and cuffs. Pants with zipped legs and side pockets, comfortable fit and elastic waistband. (100% Polyester).

4XS 3XS 2XS XS S M L XL 2XL







# Kihon T-Shirt

Material - Navy: Cotton(100% cotton)

Material - Grey: Cotton Mix (50% cotton / 50% polyester)

Properties: Skin-Friendly | Breathable | Stretch

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL

# Kihon Tracksuit

Material - Navy:

Cotton (100% cotton)

Material - Grey:

Cotton Mix (50% cotton / 50% polyester)

Properties:

Skin-Friendly | Breathable | Stretch

4XS 3XS 2XS XS S M L

XL 2XL 3XL 4XL





# Kihon Shorts

Material - Navy: Cotton(100% cotton)

Material - Grey: Cotton Mix (70% cotton / 30% polyester)

Properties: Skin-Friendly | Breathable | Stretch

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL









# Kihon Lady Sweatshirt

2XS XS S M L XL 2XL

Material - Navy: Cotton (100% cotton)

Material - Grey: Cotton Mix (50% cotton / 50% polyester)

Properties: Skin-Friendly | Breathable | Stretch



### **USA Team 19 Tracksuit**

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL

### **USA Jacket**

Shell made of 97% polyester and 3% Elastic Lining made of 97% polyester and 3% Elastic Elastic cuffs on Waistband

### **USA Pants**

Shell made of 97% polyester and 3% Elastic Zipper pockets and pant legs with elastic waistband and drawstring pull

## **USA Team Lady Shirt 19**

2XS XS S XL

QUSA DIATROPE Viles

Made of 100% moisture wicking polyester material

### **USA Team Shirt 19**

4XS 3XS 2XS S M L XL 2XL 3XL 4XL

Made of 100% moisture wicking polyester material



### **USA Team Shorts 19**

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL

Made of 97% polyester and 3% Elastic



# Toka T-Shirt

Colors: Azure - Lime Green - Olive -Orange Mesh Melange (100 % Polyester)

4XS 3XS 2XS XS S M L XL 2XL











# Otaru Jacket

Weather-proof Jacket with outer coating and reflecting applications, relaxed fit, comfortable inner lining. Material: TPU Dobby

2XS XS S M L XL 2XL 3XL 4XL





# **Uruma Jacket**

Wind- and rainproof Jacket for all weather conditions. High-closing zipper and zipped pockets. Tape design with reflecting application for excellent visibility in dark surroundings.

Material: Waterproof Poplin

XS S M L XL 2XL 3XL 4XL







# Ikeda Jacket

Hooded jacket made from innovative Cotton-Mix in tape design. Relaxed fit for high wearing comfort, full-length zipper, zipped side pockets, elastic cuffband.

Material: Compact Fleece

2XS XS S M L XL 2XL 3XL 4XL





# Ikeda Lady Jacket

Hooded jacket made from innovative Cotton-Mix in tape design. Relaxed fit for high wearing comfort, full-length zipper, zipped side pockets, elastic cuffband. Tapered ladies' cut, longer cuffband with thumb grip.

Material: Compact Fleece

2XS XS S M L XL 2XL





# Chiara Skirt

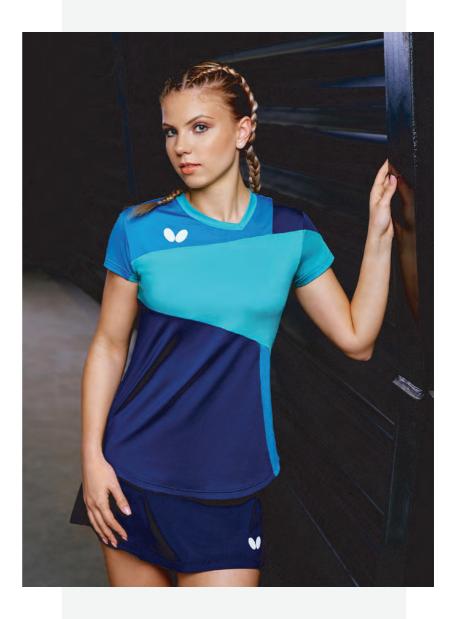
The fashionable, functional skirt features a high wearing comfort with the tapered fit and elastic material

The inner lining provides maximum flexibility

Material: Cool Dry Lycra (92 % Polyester/ 8 % Spandex)

2XS XS S M L XL 2XL





# **Toka Shorts**



Much like the t-shirt, the relaxed Toka shorts spell overall comfort. The soft "Mesh Melange" material provides functionality and superior wearing comfort.

Size Chart

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL

# **Apego Shorts**

Made of 100% Dimple Dry-Fit polyester which is lightweight and comfortable

Solid front and back color with white accent on right leg Elastic waistband with drawstring Zipper pockets with Butterfly logo pull Butterfly logo sewn on left leg

4XS 3XS 2XS XS S M L XL 2XL 3XL 4XL











# Chi Shorts

Lightweight & comfortable, medium-long length for active play Solid color with light gray accent piping Elastic waistband with drawstring Mesh lining for better ventilation 100% polyester

2XS XS S M L XL 2XL 3XL

# Niiza Lady Shorts

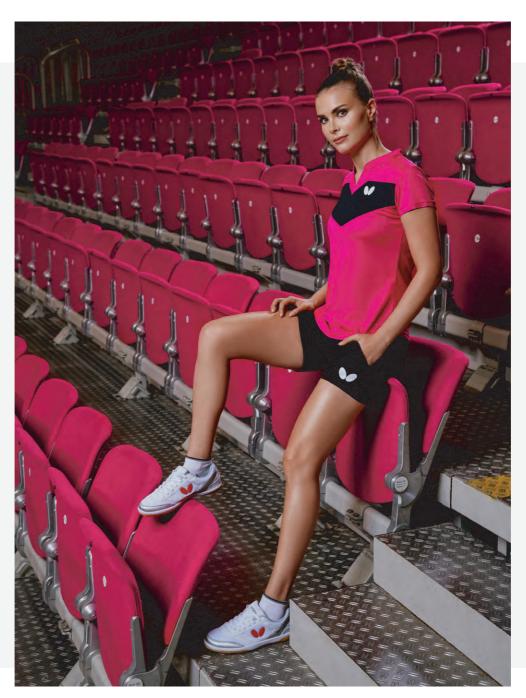
Comfortable ladies' shorts with sporty cut. Light, elastic functional material with broad waistband and side pockets.

2XS XS S M L XL 2XL









# Centrefold 25

Official Table of We Are Butterfly Clubs



















# SPECIFICATIONS:

\*Top Thickness: 1" Wood

\*Rail/Rim: 2" x 3/4" Steel

\*Legs: 2" Square Steel

\*Wheels: 5" Locking Rubber Wheels

\*Weight: 280lbs

\*Safety Feature: Release Lock

\*Net Set: Europa

\*ITTF Approved: Yes

\*Playback Position: No

\*Adjustable Feet: Yes

\*Accessory Holder/Hassle Free Net: No

\*Warranty: 5 Years

# Europa 25

Official Table of We Are Butterfly Clubs















# SPECIFICATIONS

- \*Top Thickness: 1" Wood
- \*Rail/Rim: 2" x 3/4" Steel
- \*Legs: 2" Square Steel
- \*Wheels: 5" Wheels
- \*Weight: 270lbs
- \*Net: National League
- \*ITTF Approved: Yes
- \*Playback Position: No
- \*Adjustable Feet: No
- \*Accessory Holder/Hassle Free Net: No
- \*Warranty: 5 Years

# Octet 25

Official Table of We Are Butterfly Clubs

### SPECIFICATIONS:

Top Thickness: 1" Wood Rail/Rim: 2" x 3/4" Steel Legs: 2" Square Steel Wheels: 4" Rubber Wheels

Weight: 275lbs

Safety Feature: Release Lever

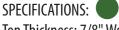
Net: National League ITTF Approved: Yes Playback Position: Yes Adjustable Feet: Yes

Accessory Holder/Hassle Free Net: No

Warranty: 5 Years



# Nippon 22



Top Thickness: 7/8" Wood Rail/Rim: 2" x 3/4" Steel Rails

Legs: 2" Square Wood

Wheels: 5" Locking Rubber Wheels

Weight: 265lbs

Safety Feature: Release Lock

Net: National League ITTF Approved: No **Playback Position: Yes** Adjustable Feet: No

Accessory Holder/Hassle Free Net: No

Warranty: 5 Years



SPECIFICATIONS:

Top Thickness: 1" Wood Rail/Rim: 1" x 1/2" Steel Legs: 2 3/8" Square Steel

Wheels: 4" Locking Rubber Wheels

Weight: 265lbs

Safety Feature: Release Lock

Net: Primus II ITTF Approved: No Playback Position: Yes Adjustable Feet: Yes

Accessory Holder/Hassle Free Net: No

Warranty: 3 Years

# Club 25



# Space Saver 22

Official Table of We Are Butterfly Clubs















### SPECIFICATIONS:

Top Thickness: 7/8" Wood Rail/Rim: 2" x 3/4" Steel Legs: 2" Square Steel Wheels: 5" Locking Rubber Wheels Weight: 215lbs Safety Feature: Release Lock Net Set: National League ITTF Approved: Yes Playback Position: No Adjustable Feet: Yes Accessory Holder/Hassle Free Net: No Warranty: 5 Years

# Match 22



# Premium 19



### NEW

# Timo Boll Repulse •



### NEW

# Timo Boll Joylite •



### NEW

# Timo Boll Crossline Outdoor •





# Easifold 19



# Playback 19



Warranty: 3 Years



# Compact 19



# Compact 16

SPECIFICATIONS:

Top Thickness: 5/8" Rail/Rim: 5/8" x 5/8" Legs: 3/4" x 3/4"

Wheels: 2"

Weight: 132 lbs.

Safety Feature: Release Lock

Net: Clip

Approval: USATT Approved Playback Position: Yes Adjustable Feet: Yes

Accessory Holder/Hassle Free Net: No

Warranty: 3 Years



### Details

Perhaps the greatest value in the line of playback tables.

Large 5" double wheels, partnered with the side beams and 1 1/2" steel rim, provide for the highest level of performance in this price-range. Legs are indented from the ends and sides of the table for unhindered footwork.

Two safety levers on each table side provide an effective child safety feature. Folds into the playback and storage positions without removing the net and post, which are included.

### SPECIFICATIONS:

Top Thickness: 3/4" Wood Top Rail/Rim: 1 1/2" Steel Rail Legs: 1" Round Steel Wheels: 5" Double Wheels

Weight: 170lbs

Safety Feature: Locking Lever

Net: Perfect II ITTF Approved: No Playback Position: Yes Adjustable Feet: No

Accessory Holder/Hassle Free Net: Yes (Racket & Balls not included)

# Personal 19



# Easyplay 22



SPECIFICATIONS:
Top Thickness: 7/8" Wood

Rail/Rim: 1" x 1/2" Steel Legs: 1 1/8" Steel

Wheels: 5" Locking Rubber Wheels

Weight: 209 lbs.

Safety Feature: Release Lock

Net: Classic Net Set

ITTF Approved: No

Playback Position: Yes

Adjustable Feet: Yes

Accessory Holder/Hassle Free Net: No

Warranty: 3 Years Made in Germany

# Easifold DX22

SPECIFICATIONS:
Top Thickness:\*\* 3/4" Wood Top
Rail/Rim:\*\* 1 1/2" Steel Rail
Legs:\*\* 1" Square Steel
Wheels:\*\* 5" Double Wheels

Weight:\*\* 170lbs

Warranty: 3 Years

Safety Feature:\*\* Locking lever & safety beam
Net:\*\* Perfect II Net Set
ITTF Approved:\*\* No
Playback Position:\*\* Yes
Adjustable Feet:\*\* No
Accessory Holder:\*\* Yes



# **Junior Stationary**

SPECIFICATIONS:

NO Assembly Required
3 year warranty
Table is L 81" x W 45" x H 30"
Economic storage width of 3 inches
12mm green or blue top
Net and post set included





# **Outdoor Playback Rollaway**

**SPECIFICATIONS:** 





A durable outdoor table.

The same SLT (Synthetic Laminate Top) as the Outdoor Home Rollaway, but sits on a different frame, which can put up with even more abuse than the regular Outdoor Home.

This model has the same safety levers on each table half for effective child safety.

Net and posts are included and can remain attached to the table in both the playback and storage positions.

Legs are indented from the ends and sides of the table.

SPECIFICATIONS:

Top Thickness: 1/4" Synthetic Laminate Top

Rail/Rim: 11/2" Steel Rail Legs: 1" Square Steel Wheels: 5" Double Wheels Weight: 140lbs

Safety Feature: Locking Lever

Net: Club

ITTF Approved: No Playback Position: Yes Adjustable Feet: No

Accessory Holder/Hassle Free Net: Yes (Racket & Balls not included)

Warranty: 10 Years on Top, 3 Years on Frame



# **Easifold Outdoor**



# Easifold 16

Details:



- \* The ideal table for those looking for an excellent table at an affordable price.
- \*Quick assembly, just add the wheel brackets, net set and you're ready to play
- \* 9' long x 5' wide & 2'6" high
- \* Storage Dimensions: 5'3" high x 5' wide x 25" deep
- \* 16mm top available in blue and green
- \* Butterfly clip net and post set included
- \* Playback feature for single player practice
- \* Locking wheels for safe and easy rollaway
- \* Available in blue or green



# National League 25

Supported by a heavy duty undercarriage.

Four independent wheels on each half.

Wheel brakes on each side for use in the storage and play positions.

Height adjusters on all four legs to ensure a level playing surface.

Double locking system for safety and stability.

Playback facility.

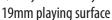
Takes up minimal space, due to economic storage system. Provided with a Butterfly National League net and post set.

Ready assembled – just add the wheel brackets.



# **Active 19 Deluxe**

Quality 8-wheel style rollaway for home use.



Protective, steel frame with magenta corner pieces.

Two separate halves — both halves fold for easy movement and storage.

Each half has four independent wheels.

Stores away using minimal space.



# **Active 19 Home**

Quality 8-wheel style rollaway for home use.



19mm playing surface

Protective, steel frame with magenta corner pieces.

Two separate halves – both halves fold for easy movement and storage.

Each half has four independent wheels.

Stores away using minimal space.

Includes a Butterfly Clip net and post set.



# Butterfly PT Conversion Top

Full Foam Backing To Protect Your Pool Table Warranty: 3 Years | Top: 19mm | Assembly: Fully Assembled The Butterfly PT Top fits directly on top of your pool table.

It is the same dimensions as a full size table, 9" x 5".

The underside of the tops are completely covered with a foam backing to protect the surface of your pool table.

It is 19mm thick and supported by a metal rail.

Comes with a Butterfly Clip Net Set.



# The table is set.



# 2020 WTTC BUSAN



# TABLE SPECIFICATIONS



Model	Tag line	Top	Thickness	Rail	Legs	Wheels	Product Shipping weight(lbs.) Weight(lbs.)	Shipping Weight(lbs.)	Playback A position	Playback Adjustable Accessory position Feet holder		Hassle Free Net	Warranty (years)	Storage Dimensions HXLXW	Net Set	Assembly	Approval
PROFESSIONAL																	
Centrefold 25	World Class Quality; our Flagship Modell	9'x5'x2'6"	1"Wood	2"x3/4"	2"Square	2,	280	385	×	>	×	×	2	63"x60"x19"	Europa	Fully Assembled	Ė
Octet 25	Great For Clubs With Limited Storage	9'x5'x2'6"	1"Wood	2"x3/4"	2"Square	4"	275	380	>	>	×	×	2	60"x 55"x6"	National League	30 minutes	Ė
Europa 25	Perfect For A Dedicated Playing Area	9'x5'x2'6"	1"Wood	2"x3/4"	2"Square		270	375	×	×	×	×	2	63"x 64"x 25"	National League	Fully Assembled	Ħ
Space Saver 22	Great Value With International Pedigree	9'x5'x2'6"	7/8 "Wood	2"x3/4"	1 1/8" Square	 	215	320	×	`	×	×	25	63x60x19"	National League	Fully Assembled	Ë
INSTITUTIONAL																	
Club 25	Our Least Expensive 1º Top	9'x5'x2'6"	1"Wood	1 1/2"	2 3/8" Square	4"	265	370	`	>	×	`	8	61"x72"x 26"	Primus	90 minutes	USATT
Nippon22	Rock Solid With A Classic Look	9'x5'x2'6"	7/8 "Wood	2"x3/4"	2"Square	25	265	370	`	×	×	×	25	73"x 60" x30"	National League	60 minutes	USATT
Easyplay 22	High-End, Quick Assembly Table	9'x5'x2'6"	7/8 "Wood	2 1/2"	1 1/8" Square	.s	500	727	`	>	×	×	8	65"x 63" x28"	Classic	15 minutes	USATT
Match 22	Ideal For Budget-Minded Clubs	9'x5'x2'6"	7/8 "Wood	1 1/2"	1 1/8" Square	4"	230	235	<b>&gt;</b>	>	×	×	8	68"x63"x28"	Classic	30 minutes	USATT
Easifold DX 22	Quick Assembly With A Thicker Top	9'x5'x2'6"	7/8 "MDF	1"x1 1/2"	1 3/8"x2 1/8"	3"	187	207	>	>	×	×	8	64"x 63"x 25"	Match	10 minutes	USATT
Premium 19	Durable Table For Institutional use	9'x5'x2'6"	3/4" Wood	1 1/2"x 3/8"x1 1/2"	1 1/8" Square	4"	202	210	>	>	×	×	3	68"x63"x28"	Classic	30 minutes	USATT
HOME																	
Playback 19	Our Long-Time Best Seller	9'x5'x2'6"	3/4" Wood	1 1/2"	1"Square		170	180	>	×	>	,	3	74"x71"x25"	Perfect II	90 minutes	USATT
Easifold 19	Quick Assembly; For Heavy Duty Home Use	9'x5'x2'6"	3/4" MDF	1 1/8"x3/4"	1"x 1 5/8"	2 3/4"	111	202	>	,	×	×	3	63"x63"x25"	Clip	10 minutes	USATT
Personal 19	Perfect table For Family Game Night	9'x5'x2'6"	3/4" Wood	1 1/2"	1" Round	2"	170	180	`	×	>	,	8	74"x71"x25"	Perfect II	90 minutes	USATT
Compact 19	Simple, Solid And No Assembly Required	9'x5'x2'6"	3/4" MDF	1 1/8"x 3/4"	1 1/8" Square	2"	167	190	×	×	×	×	3	54"x60"x5"	Clip	Fully Assembled	USATT
Easifold 16	Simple, Solid And No Assembly Required	9'x5'x2'6"	3/4" MDF	1 1/8"x3/4"	1 1/8" Square	2"	167	190	×	×	×	×	3	54"x60"x5"	Clip	Fully Assembled	USATT
Compact 16	Ideal Table For Homes With Limited Storage	9'x5'x2'6"	5/8" MDF	5/8"x5/8"	3/4"x3/4"	2"	132	154	×	×	×	×	3	52"x60"x6"	Clip	Fully Assembled	USATT
Junior Stationary	Full Size Fun At Three- Fourths The Size	6.8"x3'9"	1/2" MDF	7/8"x5/8"	3/4" Square	2"	62	75	×	×	×	×	3	42"x45"x3"	Economy Clip	Fully Assembled	USATT
Butterfly Conversion Top	Go From Pool To Ping Pong In Second	9'x5'x2'6"	3/4"Wood	1 1/2"	N/A	N/A	140	150	×	×	×	×	3	53"x60"x5"	Start	Fully Assembled	USATT
NDOOR / OUTDOOR																	
Easifold Outdoor	Excellent Outdoor Bounce For Your Pool or Patio	9'x5'x2'6"	1/2" Compreg	1 1/8"x3/4"	1"x 1 5/8"	2 3/4"	500	225	>	>	×	×	8	63"x63"x25"	Elite Outdoor	10 minutes	USATT
Outdoor Playback	Our Most Ppular Outddor Table	9'x5'x2'6"	1/4"SLT	1 1/2"	1"Square		140	150	`	×	>	>	3 frame 10 top	74"x71"x25"	Perfect II	90 minutes	USATT
Compact Outdoor	Simple And Solid With An Excellent Outdoor Bounce 9'x 5'x 2' 6"	9'x5'x2'6"	1/2"Compreg	1 1/8"x3/4"	1 1/8" Square	2"	178	205	×	×	×	×	3	60"x54"x5"	Elite Outdoor	Fully Assembled	USATT

# TABLE FAQ

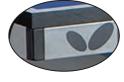
### **TOP**

Simply put, the thicker the top, the better the bounce. A wood top that is at least 1/2" thick is suitable for home or recreational play. Many institutional tables are 5/8" to 3/4" thick. Almost all professional quality tables are a minimum of 7/8" to 1" thick.



### RAII

A heavy gauge steel rail will reinforce the structure of the table and provide additional support. It also serves a cosmetic purpose, adding to the beauty of your table.



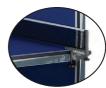
### **LFGS**

Heavy gauge steel legs provide a solid foundation for your table. Round legs are sufficient, but square legs are more structurally sound.



### **NET**

All of our tables come with a net set. Our Home and Outdoor use tables offer a basic net. The Institutional and Professional level models are equipped with a higher quality cloth net which clamps directly to the table and features heavy duty brackets with padded clamps that help protect the surface of the table. These nets also offer a dual precision height adjuster.



### PLAYBACK POSITION

Most models allow you to fold up one half of the table and use it as a backboard. This will quicken reflexes and sharpen hand-eye coordination. A great feature for the kids.



### **ADJUSTABLE FEET**

Many of our Institutional and Professional level tables have adjustable feet. This will ensure that the table is level, even when the floor is not.



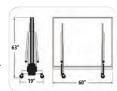
### **ACCESSORY HOLDER**

Some models feature a convenient accessory holder that is integrated into the frame of the table. It will accommodate multiple rackets and balls. This system also allows the net to remain attached to the table during play as well as in the storage position.



### **DIMENSIONS**

Measure your intended playing area before ordering a table. In the play position, the table measures 9' long by 5' wide. The net brackets will add approximately 1' to the width of the table. An additional 5' on each side of the table will allow a comfortable distance for play. Storage height will vary, so be sure to check the product descriptions for more information.



It is also a good idea to measure all doorways, hallways and stairwells that the table may encounter prior to reaching its final destination.







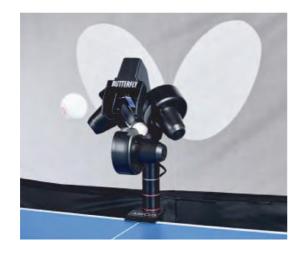


### **Amicus Prime Robot**

The new AMICUS PRIME sets out to redefine the possibilities of a table tennis robot and will excite fans all over the world. The innovative PRIME is controlled wirelessly via Bluetooth technology from the AMICUS app running on either the included tablet computer or any smartphone or tablet operating iOS or Android.

AMICUS app software offers a multitude of interactive content, improved and added to with regular updates. Creating exercises, changing spin, speed, placement and trajectory has never been easier.

Pre-saved exercises created by professional players and coaches are playable at the press of a button with in-app videos by stars such as Timo Boll just waiting to show the correct execution and provide useful additional information from his regular training with the AMICUS robot. Get acquainted to our AMICUS flagship model and discover the new possibilities of the most tireless, and always ready, training partner you will find.







### **Special features of AMICUS PRIME:**

- \*Ball frequency of up to 120 balls per minute Spin, speed, trajectory and placement can vary from ball to ball.
- \*Controlled by the application on tablet (or user supplied Android or iOS device) and connected wirelessly to main robot via Bluetooth. \*Software and firmware regularly updated with help of the app. Several robots may be operated by one device (consecutively). Device can be re-charged directly at the robot.
- \*Left-Right (mirror) switch for reversing drills to match the dominant hand of the user so forehand/backhand placement are correct.
- \*Sample function to test individual balls within a drill.
- \*Individual Frequency Control can customize the time interval between any two consecutive balls.
- \*Cycle function lets you easily incorporate interval training in your table tennis practice sessions.
- \*Pre-programmed with 20 drills created by German Butterfly Coach Richard Prause and pre-programmed drills can be modified or replaced.
- \*Integrated videos show how to properly practice each pre-programmed drill.
- \*You may sequence together several drills by using Cluster Memory so a sequence of drills runs automatically either one after the other or randomly.
- \*Key-fob-like remote control (small, lightweight and easy to fit in pocket)





# **Amicus Expert**

### **Amicus Expert**

The new AMICUS EXPERT combines the skills of both predecessors ADVANCE and PROFESSIONAL. With 99 memory slots, up to seven individual balls per exercise and precise control over trajectory, placement, speed and spin of each ball, AMICUS EXPERT further features up to 100 balls per minute, cycle and random functions as well automatic adjustable delay between each ball to create exercises based on real game situations — even with serve!

AMICUS EXPERT offers 20 pre-installed exercises created by Butterfly coach Richard Prause for you to start training on the highest level as well as a remote control for Start/Stop, sampling balls and adjusting ball frequency.

### **Special features of AMICUS EXPERT:**

- \* Ball frequency of up to 100 balls per minute Spin, speed, trajectory, and placement can vary from ball to ball.
- \*Stores up to 99 drills of up to 7 balls each.
- \* Pre-programmed with 20 drills created by German Butterfly Coach Richard Prause
- \* Pre-programmed drills can be modified or replaced.
- \* Sample function lets you test individual balls within a drill.
- \* Cycle function lets you easily incorporate interval training in your table tennis practice sessions.
- \* Automatic frequency control to provide the most realistic timing between shots in a drill.
- \* Connected with help of an easy and secure thin cable.
- \* Key-fob-like remote control (small, lightweight and easy to fit in pocket).



# **Amicus Start**



### **AMICUS START**

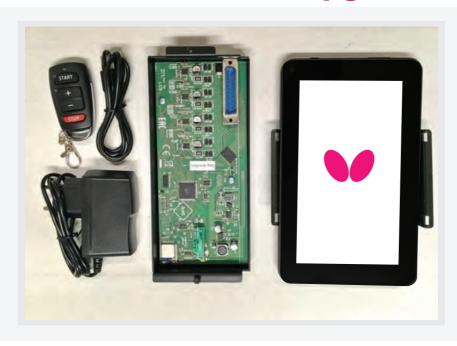
The new AMICUS START is a high-quality table tennis robot featuring precise and durable hardware combined with a user-friendly panel. Allowing for up to six balls per exercise, AMICUS START allows you to adjust individual placement and select either topspin, sidespin or backspin for the exercise — even float balls without spin are possible. The Random function provides a realistic playing experience sure to improve footwork and technique alike.

### **Special features of AMICUS START:**

- \*Simple interface
- \*Up to 6 balls per drill, all balls with same spin, speed, & trajectory
- \*Ball frequency of up to 100 balls per minute
- \*Left-right Placement can change for each ball in a drill.
- \*Connected with help of an easy and secure thin cable.
- \*Optional: Key-fob-like remote control (small, lightweight and easy to fit in pocket).

# **Amicus Prime**

### **Upgrade Kits**



### **Details**

### Convert Your Amicus Professional, Advance, Or Basic Model To A Prime With Android Tablet Controller.

Wirelessly Connect Controller to Robot Over Bluetooth. Get Software Updates Over The Internet.

See Top View & Side View Diagrams Showing Complete Drill Info. Watch Video Demonstrating The Drill.

Rearrange Drills; Customize Drill Names; Use Search To Find Desired Drill; Send Drills To Friends.

Add, Delete, Reorder, & Duplicate Shots In A Drill. Use Mirror To Instantly Reverse L/R Placements.

Update your Amicus Professional, Advance, or Basic table tennis robot to the latest technology! With this simple, **easy-to-install kit**, give your old model Amicus robot the same functionality as the top-of-the-line Amicus Prime. Control your updated robot with the supplied **Android tablet** that connects wirelessly to your robot. Join a Wi-Fi network to **share drills** with friends or update software and firmware to fix bugs and add new features.

The **engaging visual interface** of the Prime provides side view and top view diagrams of all shots in a drill along with quick-to-decipher information on spin type, spin amount, ball speed, shot order, placement, and height for **up to 10 different shots in a drill**. Or **watch a video** of Butterfly's Tiago Apolonia from Portugal, flawlessly demonstrate the drill. Vary the spin, speed, placement, height, and/or timing of each shot. Or randomize shots for human-like play. Flip the **Mirror switch to reverse L/R placements** so a drill runs correctly for left-hand or right-hand players, or to instantly create a new drill variation. Or sequence together multiple drills into a game-like routine.

Once you have your drill fine-tuned to your specific needs, save it for quick recall. Give it any name you want and place your drills in any order. Use search to quickly locate your drill. The newest software version also saves the ball frequency with the drill; the first time this feature has been available on any Amicus model. The **tablet gives you storage for virtually unlimited number of drills** and you can increase storage with micro SD cards.

This upgrade kit consists of an easy-to-install converter box that attaches to the serial port of your Base. It includes a Prime Tablet with Tablet Holder, Remote Switch, Owner's Manual, and charger. Once attached, control your robot with the pre-installed Amicus app and start/stop an exercise and adjust ball frequency with the included remote switch.







**ITTF** Approved





# Butterfly A40+ 3-Star

The new plastic Butterfly 3-Star Ball is the official ball of the 2019 World Table Tennis Championships in Budapest, Hungary. Manufactured under strict quality control, this ball achieves high uniformity, stable rotation, speed and balance. Made in China









3 pcs./box



Table tennis balls made from the innovative ABS material have become increasingly popular among players of all skill levels. The Butterfly S40+ is a product of our continuous development and rich experience in manufacturing competition balls from ABS material in Germany, leading to a marked improvement in playing characteristics.

The S40+ features a rougher surface which makes it easier to impart spin on the ball while the increased friction will also result in a lower bounce during topspin play and a more discrete sound. The even roundness and hardness result in a reliable bounce and high durability.

# **Butterfly Master Quality Training Ball (72 Pack)**

The new Master Quality ball from Butterfly Ideal for multi-ball practice, robot training and match play Produced using the same guidelines as the other German-made plastic balls Long lasting, high-quality plastic ball

72 pieces Made in Germany





6 doz. (72 pcs.)/box

# **Butterfly Easy Training Ball White**

The new Easy Ball from Butterfly is great for multi-ball practice
Perfect for training with your new Amicus series robot
Longer lasting than most plastic balls in the market
Produced in the same factory as our Master Quality and ITTF Approved 3-Star G40+ balls
Comes in boxe of 6
Made in Germany





6pcs. / box

# **Roller Box**



- \* Holds 6 balls
- \* Doubles as roller when attaching a rubber sheet

#### **Ball Bag Black**



Holds more than 200 40mm balls Great for multi-ball training Material: Polyester 210 D Dimensions: 22.5 x 22.5 x 40cm

# **Europa Net Set**

- \* Highest quality net set
- \* Screw on felt tipped clamps
- \* Ring chain to adjust net tension
- \* Adjustable screws to calibrate net
- \* Fits tables up to 1.5"



# **Clip Net Set**

\* Replacement Net Set for TR27B & TR28B



# **National League Net Set**

- \* Highest quality net set
- \* Fits tables up to 1.75"



#### **Elite Net Set**

\*Replacement Net Set for Compact Outdoor \*(TW27B or TW27G) and Easifold Outdoor table (TW26B & TW26G).



# **Elite Clip Net Set**

- \* Low priced metal net set with height and tension adjustments
- \*Easy handling for daily use in home or club
- \*Black textile net



# **Economy Clip Net Set**

\* Replacement Net Set for Junior Table



# **Family Net**

\* Replacement Net for Family Table (TR06B or TR06G)



#### **Club Net Set**

\*Full replacement net set for the Home and Outdoor Home table models



#### **Replacement Net & Posts**

- \*Replacement for National league and Europa net sets
- \*Metal post
- \*Pull chain
- \*Net and string



#### Perfect II Net Set

\* Perfect II Net Set: Full replacement net set for the Personal, Playback and Outdoor Playback table models.



# **Replacement Net Plain Black**

\*Fits National League, Europa, and Stallion net sets 72" Long



#### **Start Net Set**

\* Replacement net set for the Pool Table Conversion Top Comes with metal 'L' shaped posts and net set



#### **AJ Net Set**

- \* Butterfly's Best Value Net Set
- \* Robust, complete net set for heavy duty home or institutional use
- \* Rubber and felt padded brackets help protect the table surface
- \* Easily adjustable screw clamp opens up to 1.75" thick
- \* Includes a net measure to ensure regulation height of 6"
- \* Fine tune the net height via the adjustable net post screw and beaded chain
- \* This is the replacement net for the popular #T33 Stallion Net Set



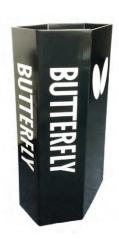


#### **Towel & Ball Box Wooden**

Professionalize your playing area with this sturdy towel and ball storage bin Storage tower is made of wood and the base is made of metal Adjustable height via telescoping neck tube
Pairs nicely with the Umpire Table and is ideal for feature courts

#### **Towel & Ball Box**

Adds a professional look to your club or game room Made of heavy gauge corrugated cardboard Can also be used for multi-ball practice Hexagonal shaped with the Butterfly logo on all sides Stands 30" tall





#### **Ball Trainer**

Ball holder used for training Adjustable height Four wheels allow for easy transport



# **Ball Amigo Head Replacement**

Replace dented frame Replace worn net for ball amigo



#### Mini Scoreboard III

- \* Extremely lightweight
- \* Foldable tabs allow scoreboard to stand upright
- \* Storage pouch on inside cover
- \* Game score to 20
- \* Set score to 5
- \* Size: 8.375" X 5.5"





# **League Scorer**

Scoreboard stands upright inside the box top Includes time-out card Game score to 25 Set score to 5 Size: 470mm x 300mm x 30m

#### **Duo Scorer**

Two full size scoreboards in one box! Space saving, functional & extremely stable 390 x 260 x 260mm





# SECTIVERSAY

#### **BH Scoreboard**

Score: 0-21 Number of games: 0-5 Convenient case for carrying 20 x 40 cm





# **Umpire Chair**



# **Butterfly Table Cover**

Protect and prolong the life of your table
Made of durable nylon
Zippers allow you to cover the table during storage or play positions
Nylon handle allows you to hang the cover during play
Fits most tables
Dimensions: L 60 1/2" X W 29 1/2" X H 59"





#### **Table Cleaner**

VOC free liquid developed using latest biological techniques Dissolves dust, perspiration, and dirt from the playing surface Restores your table surface for consistent play 500 ml pump spray bottle Made in Germany

# **Accessory Holder**

Accessory holder for the Home, Personal, Playback, Outdoor Home and Outdoor Playback table models.



#### **Net Gauge**



Net Height Measure Steel Weight: 100g

# **Europa Barrier Double Brace**

Official Barrier Of We Are Butterfly Clubs

Dual support bar at the top helps the barrier keep its shape

Professionalize the look of your club or event

Butterfly logo on one side

Print sponsor logo on the opposite side

Size: 7'8" x 2'4"



# **Europa Barrier Blue**

Official Barrier Of We Are Butterfly Clubs Butterfly logo on one side Size: 7'8" x 2'4"





#### **NL Head Band**

- \* One size fits all
- \* Cotton, polyester, acrylic, nylon and polyurethane
- \* Colors: Black, Navy, Red, Sky Blue

#### **NL Wrist Band**

\* One size fits all \* Cotton, polyester, acrylic, nylon and polyurethanel \* Colors: Black, Navy, Red, Sky Blue





# **Water Bottle Butterfly**

- \* Clear side for accurate measurements
- \* Easy grip top with large hinged lid cap
- \* Great for everyday use



# Water Bottle Tenergy

- \* Clear side for accurate measurements
- \* Easy grip top with large hinged lid cap
- \* Great for everyday use

#### **Cheer Sticks**

\* 9.5" long

\* Make some noise!

\* Cheer on your favorite player with the inflatable Cheer Sticks

\* Comes with two sticks and straw to inflate

\* Blue/Pink







- \* Midi size wooden blade.
- \* Exact replica of a regular blade.
- \* Dimensions 8 ½ x 5 in..



#### Mini Blade

- \* Miniature wooden blade.
- \* Exact replica of a regular blade.
- \* Dimensions 6 x 3 ½ in.



# **Keylace Butterfly Black Logo**

\*Butterfly logo key lace with detachable keyring



# 1950 Butterfly Cap

- \*Adjustable strap
- \* Embroidered logo
- \* 100% Cotton



#### **Mirror Bat Red**

- \* A hand-held mirror in the shape of a Butterfly racket which slides open to reveal the mirror.
- \* Also a Net Height Measure



# **Bottle Opener**

- \* Aluminum bottle opener keychain
- \* Designed for opening your favorite bottled beverage
- \* Metal split ring comes attached



#### **Note Block**

- \* Keep tabs on all your opponents
- \* Non-adhesive post notes
- \* Each page has Butterfly wing logo



# Super Mini Bat

- \* The Super Mini Bat is a miniature version of an actual racket measuring 1.4" x 2.2"
- \* Comes with red and black rubber and a thin layer of sponge
- \* Complete with Butterfly side tape
- \* Hit the sweet spot every time!

# Racket Care



# **Spin Refresh**

- \* Environmentally friendly foam cleaner.
- \* Size: 150ml



#### **Cure Water**

- \* Spray pump cleaner
- \* Non-toxic
- \* Non-flammable





# **Rubber Care Sponge**

Cleaning sponge for rubber Pink side for regular cleaning Black side for intense cleaning



# **Cotton Sponge**

- \*New sponge containing antibacterial material
- \*Soft sponge with sealable container



- \*New sponge containing antibacterial material
- \*Soft sponge with sealable container



#### **Racket Care Kit**

PING PONG PADDLE CLEANER KIT:

Includes Butterfly Spin Refresh, Rubber Care Sponge and cleaning tips



#### **Clean Brush**

- \* Cleaning tool for all your pip rubber sheets
- \* Soft bristle brush



# **Clip Sponge**

- \* The Clip Sponge is intended to use with Free Chack or Free Chack II
- \* Easily applies a thin, even layer of glue to the blade and sponge
- \* Keeps your hands 'glue-free'
- \*Each set contains 10 sponges and 1 Clip



#### Free Chack PRO

- \* The new Free Chack Pro glue is more viscous compared to the original Free Chack.
- \* It can increase the dwell time on the blade, resulting in higher amounts of spin.
- \* Glue bottle, clips and sponge for application.
- \* Note: Please shake before use

#### **Free Chack**

- \* 100% liquidized natural caoutchouc
- \*Easy to remove from sponge and racket
- \* Price varies by product size







#### Free Chack II







- \* Newly formulated, water based adhesive
- \* Specifically designed for Spring Sponge rubbers; SpinArt and the Tenergy series of rubbers
- \* Allows easy removal of excess glue from sponge and blade surface
- \* Stronger bond than Free Chack



#### **Chack Sheet**

- \* Transparent glue sheet
- \* One sheet

#### **Glue Remover**



- \* For optimal removal of glue residue on blade and sponge surfaces
- \* The yellow foam sponge removes glue residue from the surface of the wood
- \* The blue brush enables glue residue to be freed and then removed in small quantities (must use constant vertical motion)
- \* Intended for use with Butterfly Free Chack (the Butterfly Remover is not guaranteed to work on all rubbers)



#### **Dry Fit Tape**

- \* Fabric that absorbs moisture easily due to special processing technology. You can play comfortably even in sweat.
- \* Color: Black, Yellow, Orange, Purple
- \* size: 0.65mm thickness x 2.2cm width x 57.5cm length



#### **BTY Adsorptive Film**

\* Contains one sheet



#### **Soft Grip**

- \* Similar to a tennis wrap
- \* The Soft Grip provides comfort and additional thickness to the racket handle
- \* The Butterfly logo is imprinted on the grip



#### **Adhesive Protect**

- \* Sticky on one side
- \* Prolongs the life of the rubber
- \* Contains two sheets



#### **Racket Sheet**

- \* Colored racket sheets
- \* Adhesive back
- \* For penhold blades



#### **Rubber Film III**

- \* Durable plastic designed to protect the rubber surface.
- \* Prolongs the life of the rubber.
- \* Contains two sheets.

# **Overgrip Soft Tapes**



- \* High sensitivity material enhances the feeling of the handle
- \* Maximum sweat absorption and non-slip profile
- \* Embossed Butterfly logo grip
- \* PU surface, elasticated Micro-Fiber base
- \* Quantity: 3 pieces

# **Side Tape**



\* Length:

1m= 2 rackets

10m = 20 rackets

50m=100rackets

\* Side Tape Butterfly - Colors & Sizes Black/white:

6mm x 10m, 6mm x 50m 9mm x 1m, 9mm x 10m, 9mm x 50m 12mm x 1m, 12mm x 10m, 12mm x 50m

- \* Side Tape Butterfly Colors & Sizes Blue/silver: 12mm x 10m, 12mm x 50m
- \* Side Tape Tenergy colors & sizes Orange: 12mm x 10m, 12mm x 50m

#### **RB Protector II 10mm**

\* Covers one racket Size: 10mm x 50cm





# **Power Tape**

- \* Adds weight to racket
- \* Five one gram pieces



