



**BUTTERFLY  
TABLE TENNIS CATALOG  
2016**





BUTTERFLY RUBBER

# RESEARCH, INQUIRY AND INNOVATION

are at the very heart of Butterfly Rubber; the products have been passed from generation to generation.

**B**utterfly has its own state-of-the-art facilities for research and production; the expert staff with specialized knowledge of table tennis rubber research, explores the micro-world night and day in the pursuit of new products that lead the market. SRIVER (1967), BRYCE (1997) and TENERGY (2008) are the results of this extensive research.

The inquiring mind of staff members linked with modern facilities meets demands generated by players; the result is the unique resources of Butterfly

have produced high performance and high quality products that have enabled players to win a host of major titles. Our aim is to help every style of play and make table tennis a more attractive sport.

**Research, inquiry and innovation are at the very heart of Butterfly rubber; the products have been passed from generation to generation.**





## INNOVATION & TRUST

---

**O**riginally there were no regulations regarding the thickness or nature of the material on a racket. The development of table tennis rubbers over the years has initiated rule changes.

The first rackets were made only of wood. Gradually, players began to apply abrasive papers, cork sheets and later a layer of pimped rubber, before the modern day racket coverings, involving sponge combined with a rubber surface emerged. Nowadays, there is a vast diversity of coverings, from long pimped rubber to fast reversed rubber; thus making a wide range of spin and speed possible.

In the 1950s Japanese players applied only sponge to their rackets, which facilitated great speed when hitting the ball and resulted in a host of world titles being won. The reaction of the International Table Tennis Federation was to ban the use of rubbers formed by sponge only and made 4.00mm the regulation thickness.

Restrictions meant thought for the future; Butterfly decided to build a research and development facility, principally for rubber production, with the very latest precision machinery. The aims of Butterfly are to produce the best rubber composition, investigate the most effective pimple formation and determine the

best combination with regards to rubber and sponge. A major result of the goals set by Butterfly came in 1967, the year the now legendary SRIVER rubber was born.

Later, in the late 1980s it became common among players to improve the performance of their rubbers by applying solvent glues (the glue increased speed) to the rubber. Butterfly adapted to the trend and researched the possibilities of producing racket coverings that reacted in a similar manner without the need to consistently apply "speed glue" to produce a fast reaction. The research lasted nearly ten years before the final product was realized.

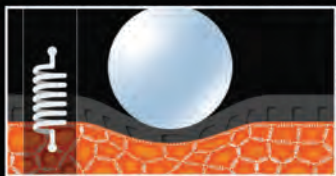
In 1997 BRYCE was released; it was produced with energy-inbuilt technology (High Tension technology) to make the rubber itself possess tension. World champions and Japanese national champions have succeeded using BRYCE. Now the latest release is TENERGY which incorporates the aptly named "Spring Sponge"; it is the undoubted market leader and has gained the utmost confidence of players all over the world.





**TENERGY**

**Spring Sponge**



# REALIZE YOUR MORE

## THE SENSE OF "CATCHING" BALLS

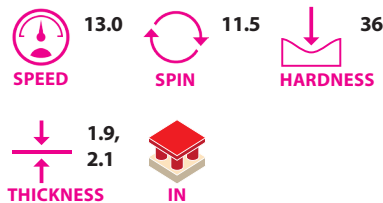
More than a decade of research has led to the latest sponge technology created by the engineers at Butterfly, Spring Sponge. The most notable feature of this new technology is a sense of "catching" the ball. The secret to the Spring Sponge is the unique material composition and air inside the sponge; it expands and contracts just like a spring! Spring Sponge will make you feel in total control.



### TENERGY 05

**HIGH TENSION** **Spring Sponge**

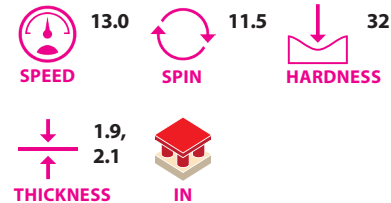
Excellent for Imparting Spin on the Ball



### TENERGY 05-FX

**HIGH TENSION** **Spring Sponge**

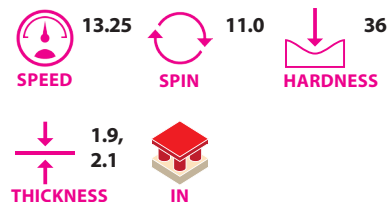
Topspin and Control



### TENERGY 25

**HIGH TENSION** **Spring Sponge**

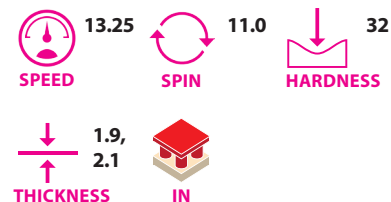
Excellent for Attacking and Controlled Play near the Table



### TENERGY 25-FX

**HIGH TENSION** **Spring Sponge**

For Power and Control





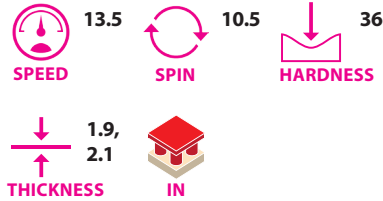
Adrien Mattenet  
France



### TENERGY 64

**HIGH TENSION** **S Spring Sponge**

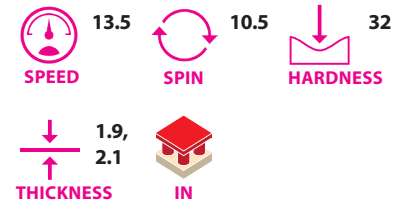
The Speed Effect



### TENERGY 64-FX

**HIGH TENSION** **S Spring Sponge**

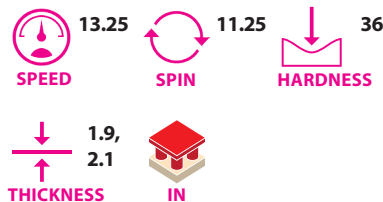
For Speed and Control



### TENERGY 80

**HIGH TENSION** **S Spring Sponge**

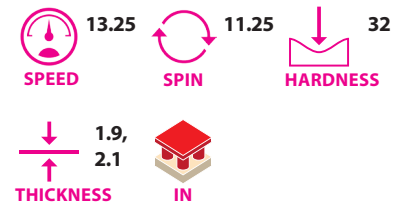
Ideal Balance Between Spin and Speed



### TENERGY 80-FX

**HIGH TENSION** **S Spring Sponge**

Ideal Balance Between Spin and Speed with Control



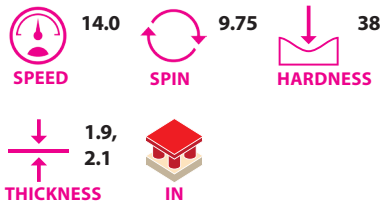




## BRYCE SPEED

**HIGH TENSION**

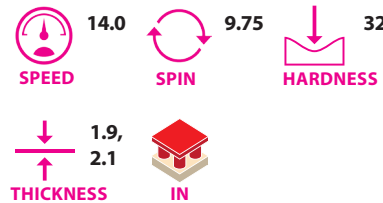
High Tension Rubber Which Goes Beyond Bryce



## BRYCE SPEED FX

**HIGH TENSION**

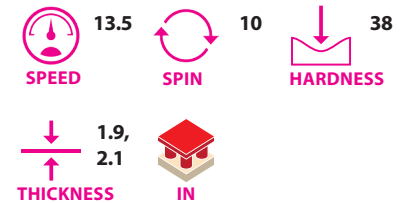
Bryce Speed with Higher Control



## SRIVER G3

**HIGH TENSION**

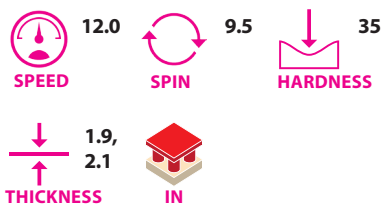
SRIVER – Generation Three for the Non-Glue Era



## BRYCE

**HIGH TENSION**

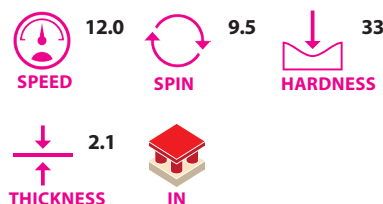
The World's First High Tension Rubber



## BRYCE FX

**HIGH TENSION**

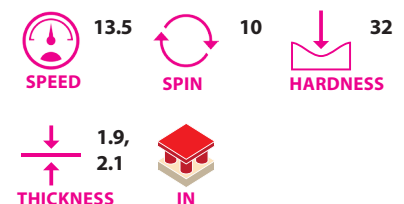
The High Tension Rubber with a Softer Touch



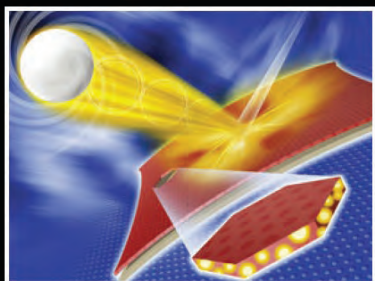
## SRIVER G3 FX

**HIGH TENSION**

SRIVER G3 with Greater Control



# HIGH TENSION

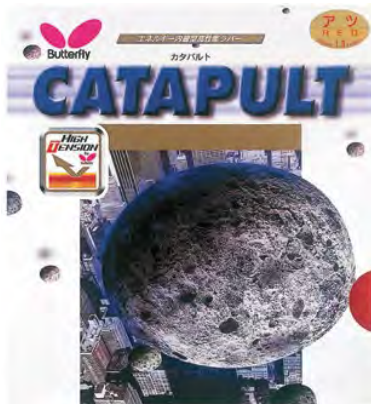


## TOP ATHLETES RELY ON ITS TECHNOLOGY

Incorporating tension in the sponge, the rubber surface or combined in both. High Tension stands for a modern table tennis characterized by lots of feel, spin variations and fierce dynamics.

Intensive research made possible a broad selection of high powered rubbers which comply with the highest quality standards:

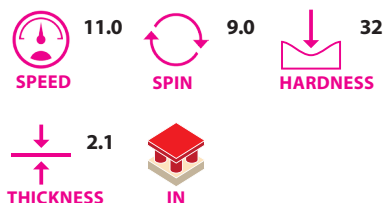
- The optimized surface remains adhesive without protective film, like all our rubbers
- If the rubber is exposed to oxygen, it does not cause stains to the surface
- These rubbers are more resistant to blistering and cracks despite their high tension
- The tension is evenly balanced, thus there will not be any deformation of the rubber



## CATAPULT

**HIGH TENSION**

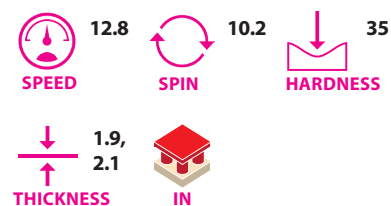
High Tension Technology Combined with the Soft, Glue Feel



## ROUNDPELL

**HIGH TENSION**

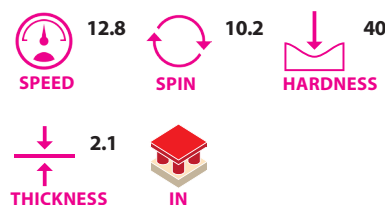
Fulfill Your Potential



## ROUNDPELL HARD

**HIGH TENSION**

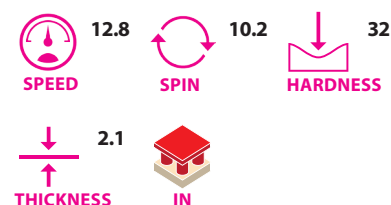
Speed, Spin and Control



## ROUNDPELL SOFT


**HIGH TENSION**

Speed and Spin







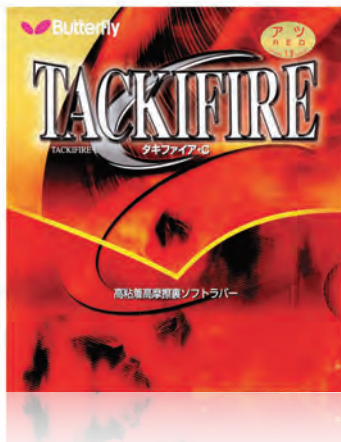
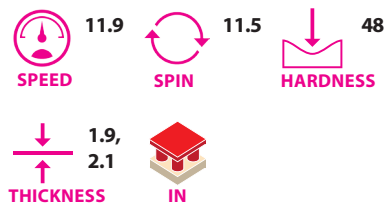
Panagiotis Gionis  Greece



### SPIN ART

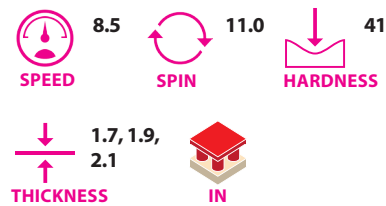
**HIGH TENSION**  Spring Sponge

Energy-Inbuilt Rubber with Strengthened Bounce



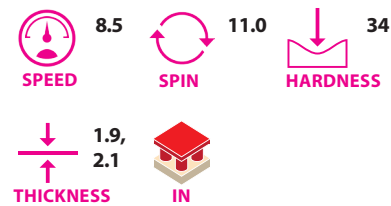
### TACKIFIRE C

A Lot of Spin by the Highly Tacky Surface



### TACKIFIRE C SOFT

High Tackiness Rubber with Usability



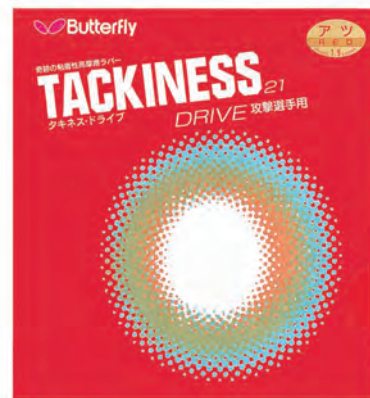
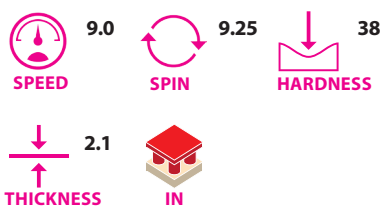


Liu Shiwen  
China 



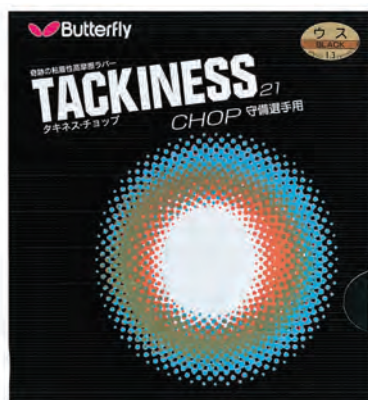
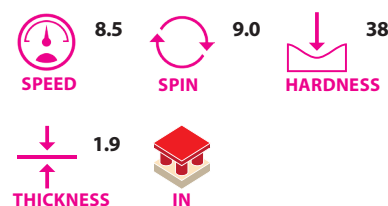
### TACKFIRE DRIVE

Well-Balanced High-Performance Rubber



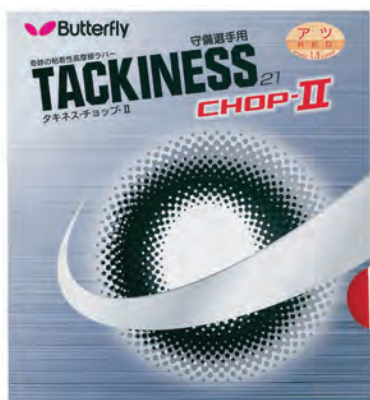
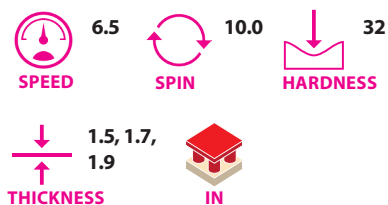
### TACKINESS DRIVE

Tacky High Friction for Wide Range of Players



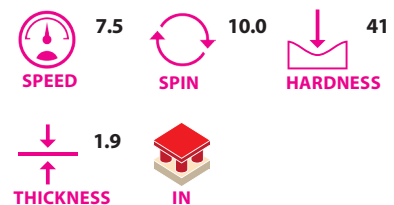
### TACKINESS CHOP

Tacky High Friction for Defensive Players



### TACKINESS CHOP-II

Tacky High Friction Rubber Good at Spinning

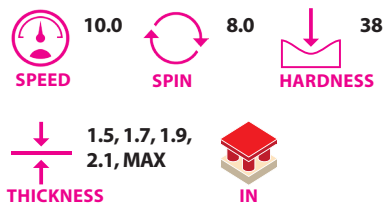






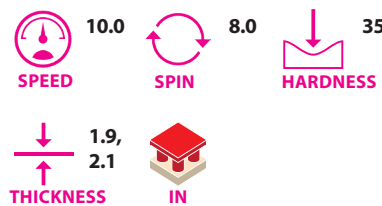
## SRIVER

The World's Longtime Seller



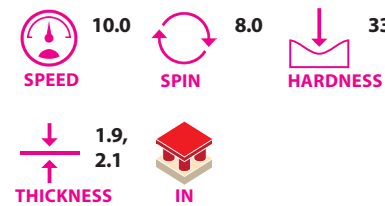
## SRIVER-EL

SRIVER with Instant Power and Control



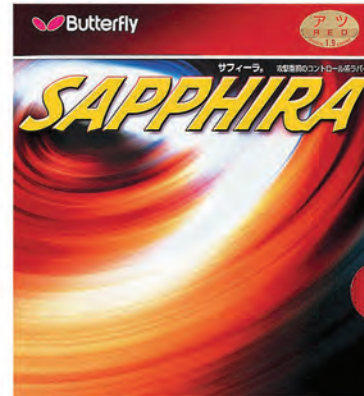
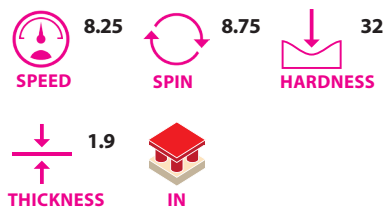
## SRIVER-FX

SRIVER with Outstanding Stability



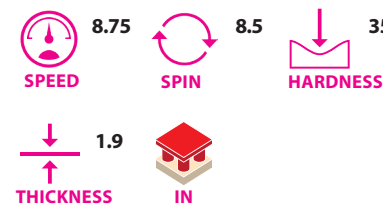
## FLEXTRA

Easy-to-Handle Rubber for Developing Players



## SAPPHIRA

Easy-to-Handle Rubber for Attack





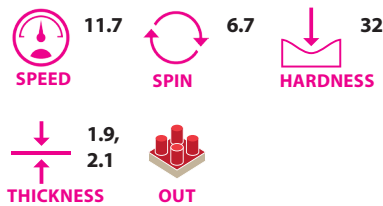
Irene Ivancan   
Germany



## FLARESTORM II

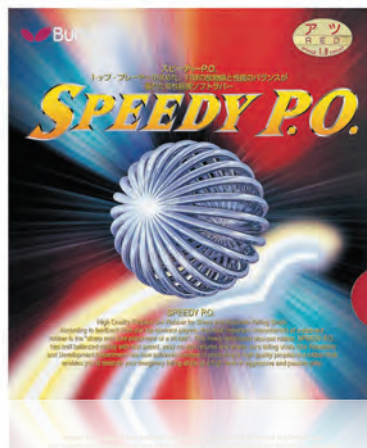
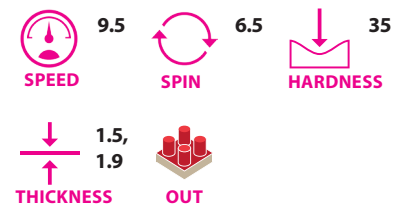
**High TENSION**

Energy-Inbuilt Short Pimples with High Reaction



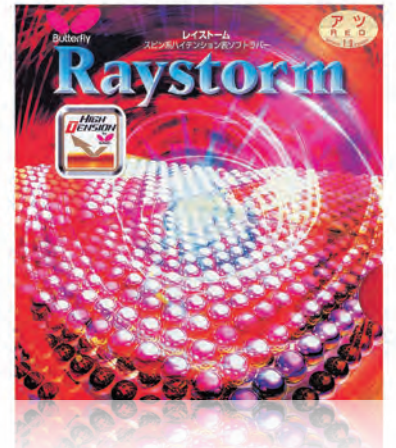
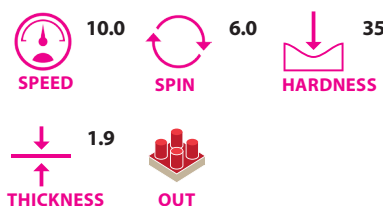
## CHALLENGER ATTACK

Short Pimples-Out Rubber for Quick Attack



## SPEEDY P.O.

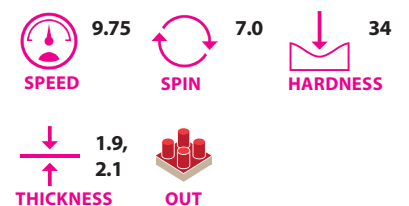
Well-Balanced Short Pimples-Out with an Ideal Parabola



## RAYSTORM

**High TENSION**

Short Pimples-out High Tension with High Elasticity and Spin



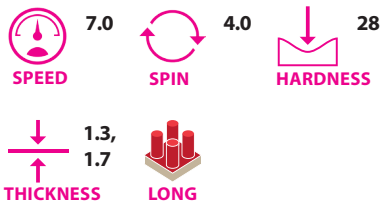




## FEINT AG

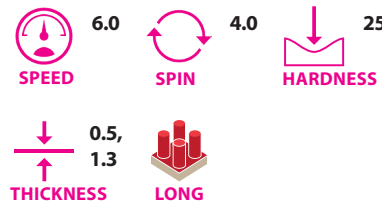
**HIGH TENSION**

High Tension Long Pimples Rubber for Attacking Players



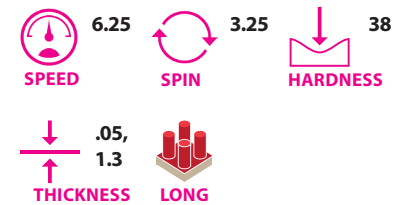
## FEINT LONG III

Long Pimples with Amazing Variety of Spins



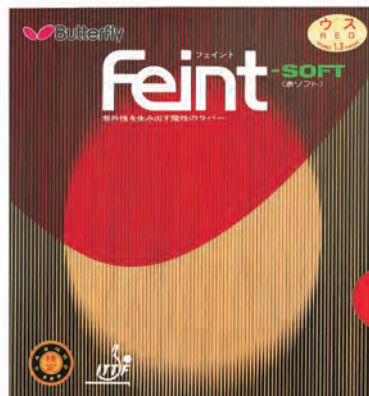
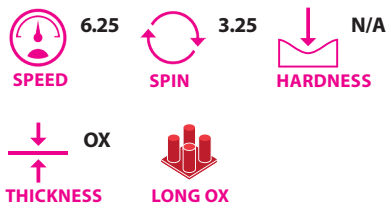
## FEINT LONG II

Long Pimples for Steady Plays



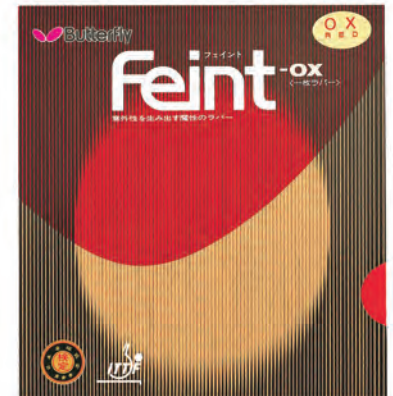
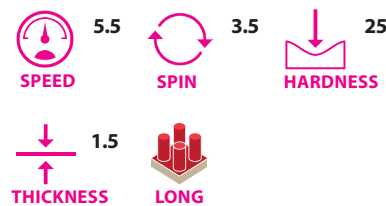
## FEINT LONG II OX

Long Pimples for Steady Plays without a Sponge



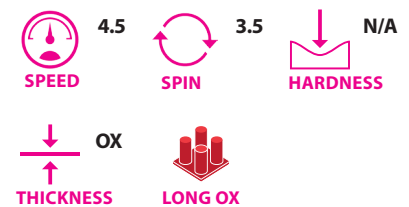
## FEINT SOFT

Well-Balanced Long Pimples



## FEINT OX

Well-Balanced Long Pimples without Sponge



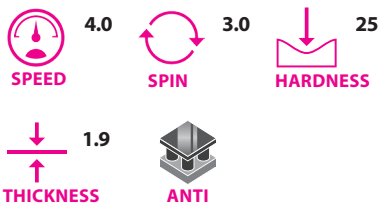


Quentin Robinot  
France



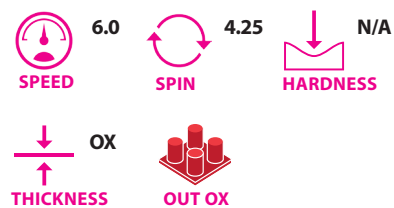
### SUPER ANTI

Anti Rubber to Toss Opponents



### ORTHODOX DX

Short Pimples-out without Sponge with Usability





# BUTTERFLY RUBBER CHARACTERISTICS AND CATEGORIES

## CHARACTERISTICS



### SPEED

The measure for speed is based off a SRIVER as 10



### SPIN

The measure for spin is based off of TACKINESS CHOP as 10



### HARDNESS

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



### THICKNESS

Refers to the approximate thickness of the sponge (in MM)

## ICONS



### IN

Pips-in Rubber



### OUT

Pips-out Rubber



### LONG

Long Pimples Rubber



### LONG OX

Long Pimples Rubber without Sponge



### OUT OX

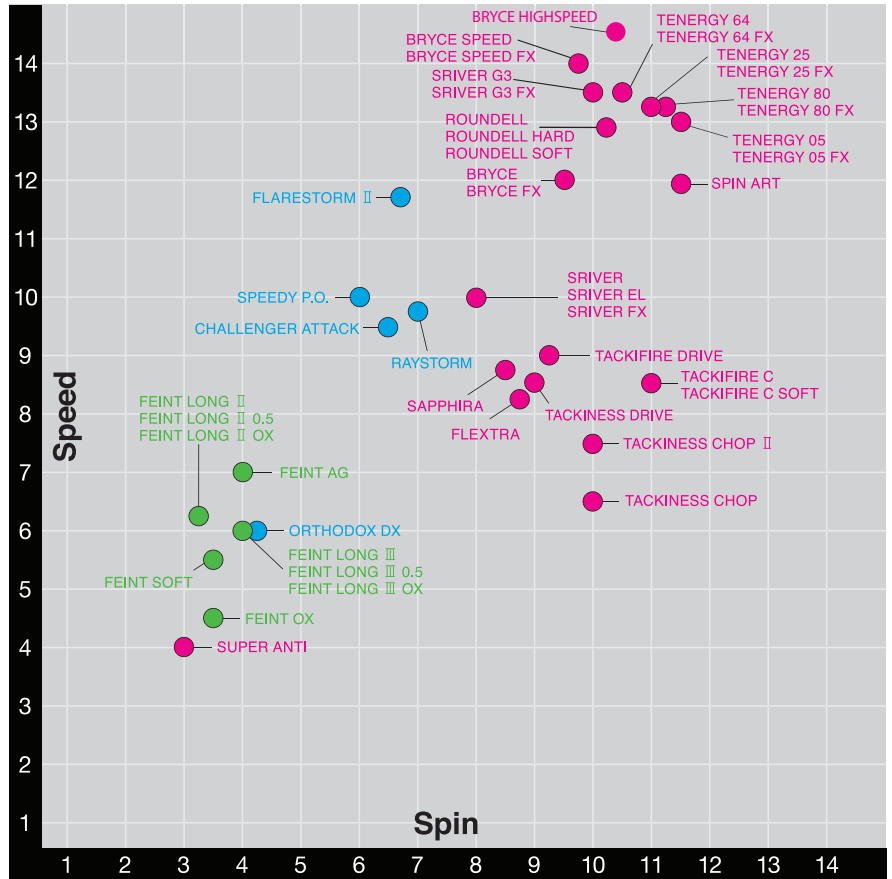
Pips-out without Sponge



### ANTI

Pips in Anti Rubber

## Rubber Matrix



● = Pips-in and Anti Rubber ● = Short Pips-out Rubber ● = Long Pimples Rubber



### PIPS-IN RUBBER

It enables spin to be imparted on the ball due to the large impact areas.

- **Pips-in Rubber with Built-In Energy:** A pips-in rubber with built-in energy; high-level of reaction producing heavy spin.
- **Pips-in Rubber with High-Level Reaction and High Friction:** A pips-in rubber with high-level reaction and high friction.
- **Pips-in Rubber with High Tackiness and Friction:** A pips-in rubber with grip enabling heavy rotation to be imparted on the ball.
- **Pips-in Rubber with Tackiness and High Friction:** A pips-in rubber with grip enabling good rotation to be imparted on the ball.
- **Pips-in Rubber with Control:** A pips-in rubber which facilitates great control.



### PIPS-OUT RUBBER

Less affected by the opponent's spin due to the small impact areas. The ball leaves the rubber faster as the top sheet reacts with the sponge.

- **Pips-out Rubber with Built-In Energy:** An energy-inbuilt pips-out rubber with high-level reaction.
- **Pips-out Rubber with High-Level Reaction and Spin:** A pips-out rubber with high-level reaction and high friction.
- **Pips-out Rubber with High-Level Reaction:** A pips-out rubber with high-level reaction.



### LONG PIMPLES RUBBER

Less affected by the opponents spin as the pimples deform on impact and react, to cause changes to the spin and speed.

- **Long Pimples with Built-In Energy:** A long pimples rubber with built-in energy offering a wide range of spin varieties and high-level reaction.
- **Long Pimples Rubber with Sponge:** A long-pimples rubber with a wide range of spin varieties.
- **Long Pimples Rubber without Sponge:** A long-pimples rubber without sponge.



### PIPS-OUT RUBBER WITHOUT SPONGE

The lightness and less bounce enables fierce attacks to be countered.

- **Pips-out Rubber without Sponge:** A pips-out rubber without sponge.



### PIPS-IN ANTI RUBBER

Less affected by the opponent's spin.

- **Pips-in Anti Rubber:** A pips-in rubber with less friction.

# BUTTERFLY RUBBER SPECIFICATION CHART

RUBBER	CLASS	SURFACE	SPEED	SPIN	DENSITY	SPONGE THICKNESS (MM)
Bryce	Super Speed	Inverted	12	9.5	35	1.9, 2.1
Bryce FX	Super Speed	Inverted	12	9.5	33	2.1
Bryce Speed	Super Speed	Inverted	14	9.75	38	1.9, 2.1
Bryce Speed FX	Super Speed	Inverted	14	9.75	32	2.1
Bryce Highspeed	Super Speed	Inverted	14.5	10.3	35	1.9, 2.1
Catapult	Super Speed	Inverted	11	9	32	2.1
Challenger Attack	Pips-Out	Pips-Out	9.5	6.5	35	1.5, 1.9
Feint AG	Long Pips-Out	Pips-Out	7	4	28	1.3, 1.7
Feint Long II	Long Pips-Out	Pips-Out	6.25	3.25	38	0.5, 1.3
Feint Long II OX	Long Pips-Out	Pips-Out	6.25	3.25	n/a	OX
Feint Long III	Long Pips-Out	Pips-Out	6	4	25	0.5, 1.3
Feint OX	Long Pips-Out	Pips-Out	4.5	3.5	n/a	OX
Feint Soft	Long Pips-Out	Pips-Out	5.5	3.5	25	1.5
Flarestorm II	Pips-Out	Pips-Out	11.7	6.7	32	1.9, 2.1
Flextra	All-Round	Inverted	8.25	8.75	32	1.9
Orthodox DX	Classic Pips-Out	Pips-Out	6	4.25	n/a	OX
Raystorm	Pips-Out	Pips-Out	9.75	7	34	1.9, 2.1
Roundell	Super Speed	Inverted	12.8	10.2	35	1.9, 2.1
Roundell Hard	Super Speed	Inverted	12.8	10.2	40	2.1
Roundell Soft	Super Speed	Inverted	12.8	10.2	32	2.1
Sapphira	All-Round	Inverted	8.75	8.5	35	1.9
Speedy PO	Pips-Out	Pips-Out	10	6	35	1.9
Spin Art	Super Spin	Inverted	11.9	11.5	48	1.9, 2.1
Sriver	All-Round	Inverted	10	8	38	1.5, 1.7, 1.9, 2.1, MAX
Sriver EL	All-Round	Inverted	10	8	35	1.9, 2.1
Sriver FX	All-Round	Inverted	10	8	33	1.9, 2.1
Sriver G3	Super Speed	Inverted	13.5	10	38	1.9, 2.1
Sriver G3 FX	Super Speed	Inverted	13.5	10	32	2.1
Super Anti	Specialty	Inverted	4	3	25	1.9
Tackifire C	Super Spin	Inverted	8.5	11	41	1.7, 1.9, 2.1
Tackifire C Soft	Super Spin	Inverted	8.5	11	34	1.9, 2.1
Tackifire Drive	Super Spin	Inverted	9	9.25	38	2.1
Tackiness Chop	Super Spin	Inverted	6.5	10	32	1.5, 1.7, 1.9
Tackiness Chop II	Super Spin	Inverted	7.5	10	41	1.9
Tackiness Drive	Super Spin	Inverted	8.5	9	38	1.9
Tenergy 05	Super Speed	Inverted	13	11.5	36	1.9, 2.1
Tenergy 05 FX	Super Speed	Inverted	13	11.5	32	1.9, 2.1
Tenergy 25	Super Speed	Inverted	13.25	11	36	1.9, 2.1
Tenergy 25 FX	Super Speed	Inverted	13.25	11	32	1.9, 2.1
Tenergy 64	Super Speed	Inverted	13.5	10.5	36	1.9, 2.1
Tenergy 64 FX	Super Speed	Inverted	13.5	10.5	32	1.9, 2.1
Tenergy 80	Super Speed	Inverted	13.25	11.25	36	1.9, 2.1
Tenergy 80-FX	Super Speed	Inverted	13.25	11.25	32	1.9, 2.1



# BUTTERFLY BLADE SPECIALTY MATERIALS

The regulations of the International Table Tennis Federation state: "At least 85% of the blade by thickness shall be of natural wood." In other words, we may adopt any special materials for the remaining 15% for reinforcement.

However, no high-performance rackets will be produced only by attaching some special materials

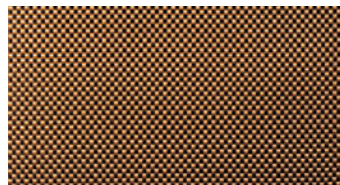
without analysis; balance is crucial to make the best product.

Butterfly will continue to research materials that best suit the techniques of future generations as well as continually improving the quality of the racket blade.



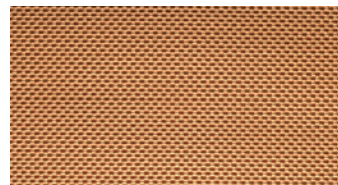
## SUPER ZL-CARBON

Super ZL-Carbon has gone beyond the present fibrous materials and stepped forward into the new territory. The remarkable reaction and control provided by the expanded high-reaction area has taken the blade to the next stage. Super ZL-Carbon is an evolved new material Butterfly introduces to the world with confidence.



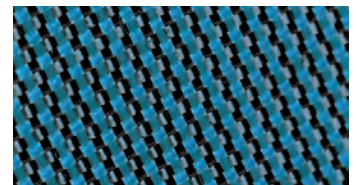
## ZL-CARBON

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



## ZL-FIBER

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



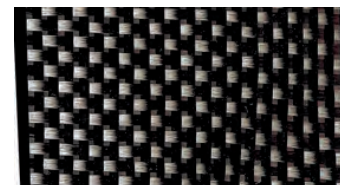
## ARYLATE-CARBON

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



## ARYLATE

Arylate provides shock absorption for the blade. Lightness is a major characteristic with 75% being carbon fiber.



## TAMCA 5000

TAMCA 5000 carbon 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.



## KISO HINOKI

Butterfly only uses Hinoki wood cut from trees over a hundred years old which grew on the northern side of the inclined plane of the Kiso Mountains, an area where trees are subject to less harmful rays from the sun. The wood grain is of vital importance for the Hinoki blade, a dense grain produces a good bounce.



## BUTTERFLY BLADES

Professionalism combined with a keen eye for quality and finely-honed senses, fostered through great experience, enables the company's experts to identify the best raw wood to produce the racket blade. The raw materials undergo strict quality controls established by Butterfly in order to produce a high quality.

All aspects of racket production are unique to Butterfly established through its history of more than 60 years.

The performance of a racket is decided by developing a combination of materials in addition to developing techniques that produce the best feeling by using artificial materials. However, the expert's pride is not only to follow the basic performance indicated on the specification sheet but also to produce an item that is attractive and pleasant to the eye.



## ACHIEVING THE UTMOST QUALITY

Owing to the regulation that at least 85% of the table tennis rackets must be of natural wood, it is logical to select a wood with high quality in order to produce high quality products. The wood grain is of vital importance for the Hinoki blade, a dense grain produces a good bounce. Therefore, Butterfly only uses Hinoki wood cut from trees over a hundred years old which grew on the northern side of the inclined plane of the Kiso Mountains, an area where trees are subject to less harmful rays from the sun.

However, experience is the key factor and the selection is made by experts. It is a practice followed in every field of production by Butterfly, hand made by experts, production is based in Tokorozawa, Saitama Prefecture. Everyone in Tokorozawa takes the utmost care and pride in production methods.

"We make the products using human hands because the rackets will be used by human hands"; such are the thoughts of Butterfly in an age of automation. Many companies outsource the production to factories overseas, but Butterfly manufactures most of the rackets at its own factory in Japan; there are experts in every field in the factory and there is an expert to manufacture custom-made rackets.

The task of the manufacturer of specially made rackets to meet and adhere to the requests from the players; for example, a player asks a softer feeling without losing its bounce, Butterfly responds to such challenges. Many top players take part in competitions with their custom made Butterfly rackets and become champions.



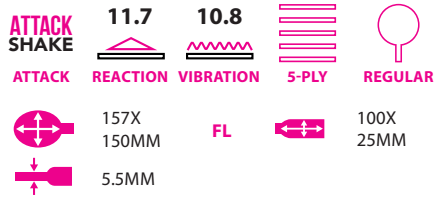


FL

## ZHANG JIKE ZLC

### ZL CARBON

Highly-Balanced Model with ZL-Carbon



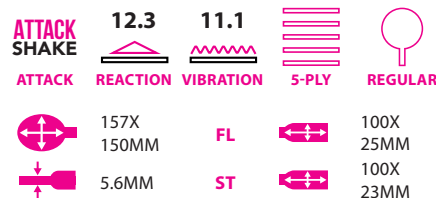
FL

ST

## ZHANG JIKE SUPER ZLC

### SUPER ZLC

First Super ZL-Carbon Model: Largest Sweet-Spot Available

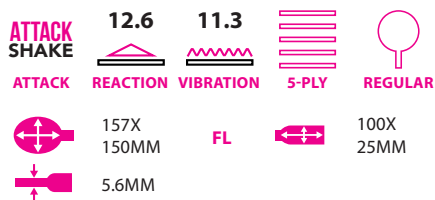


FL

## ZHANG JIKE T5000

### TAMCA® 5000

Speed-Minded Model with Carbon

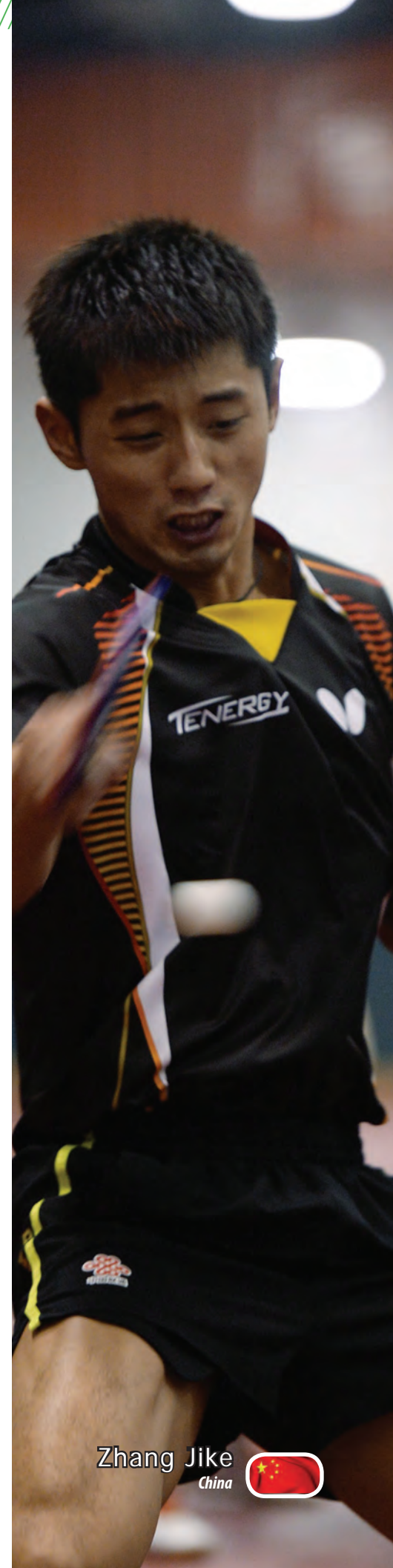
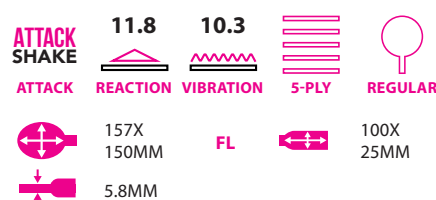


FL

## ZHANG JIKE ALC

### Arylate-CARBON

High-Performance Model with Arylate-Carbon



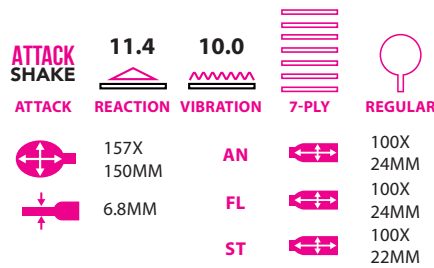
Zhang Jike  
China





## TIMO BOLL W7

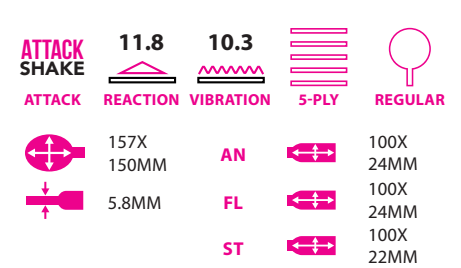
7-Ply Blade with Power and Control



## TIMO BOLL ALC

*Arylate*-CARBON

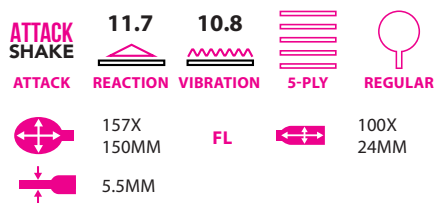
European Champion Timo Boll's Model



## TIMO BOLL ZLC

*ZL* CARBON

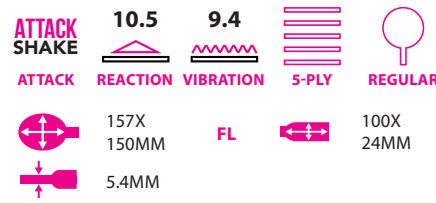
High Performance Model with ZL-Carbon



## TIMO BOLL ZLF

*ZL* FIBER

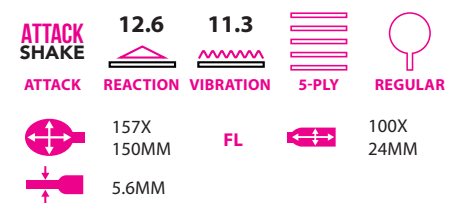
High Performance Model with ZL-Fiber



## TIMO BOLL T5000

*TAMCA*® 5000

Speed-Conscious Model with Distinguished Power







# INNERFORCE LAYER SERIES



## INNERFORCE LAYER ZLC NEW!

**ZL CARBON** *Innerfiber*

Soft Feeling and High Reaction



## INNERFORCE LAYER AL NEW!

**Arylate** *Innerfiber*

Easy to Handle Model with Soft Feeling



## INNERFORCE LAYER ALC NEW!

**Arylate-CARBON** *Innerfiber*

Well-Balanced Model with Soft Feeling

<b>ATTACK SHAKE</b>	<b>10.5</b>	<b>9.5</b>		
<b>ATTACK</b>				
<b>REACTION</b>	157X	AN	100X	100X
<b>VIBRATION</b>	150MM	FL	24MM	24MM
<b>5-PLY</b>	5.7MM	ST	100X	24MM
<b>REGULAR</b>			100X	23MM

<b>ATTACK SHAKE</b>	<b>9.4</b>	<b>8.6</b>		
<b>ATTACK</b>				
<b>REACTION</b>	157X	AN	100X	100X
<b>VIBRATION</b>	150MM	FL	25MM	100X
<b>5-PLY</b>	5.9MM	ST	100X	25MM
<b>REGULAR</b>			100X	23MM

<b>ATTACK SHAKE</b>	<b>10.7</b>	<b>9.4</b>		
<b>ATTACK</b>				
<b>REACTION</b>	157X	AN	100X	100X
<b>VIBRATION</b>	150MM	FL	25MM	100X
<b>5-PLY</b>	6.0MM	ST	100X	25MM
<b>REGULAR</b>			100X	23MM

# GARAYDIA SERIES



## GARAYDIA ZLC NEW!

### ZL CARBON

Powerful High-Reaction Model with ZL-Carbon

<b>ATTACK SHAKE</b>	<b>12.2</b>	<b>13.7</b>		
<b>ATTACK</b>			<b>3-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 25MM
	7.1MM	<b>FL</b>		100X 25MM
		<b>ST</b>		100X 23MM



## GARAYDIA T5000 NEW!

### TAMCA® 5000

Speed from Carbon Base

<b>ATTACK SHAKE</b>	<b>13.6</b>	<b>14.5</b>		
<b>ATTACK</b>			<b>3-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 25MM
	7.2MM	<b>FL</b>		100X 25MM
		<b>ST</b>		100X 23MM



## GARAYDIA ALC NEW!

### Arylate-CARBON

Consistency and Power Combined with Arylate-Carbon

<b>ATTACK SHAKE</b>	<b>11.4</b>	<b>13.0</b>		
<b>ATTACK</b>			<b>3-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 24MM
	6.9MM	<b>FL</b>		100X 24MM
		<b>ST</b>		100X 23MM





# HADRAW SERIES



AN FL ST

## HADRAW SR

NEW!

Hardness and Elasticity for Hard Hitting Players

<b>ATTACK SHAKE</b>	<b>10.8</b>	<b>9.1</b>		
<b>ATTACK</b>	<b>REACTION</b>	<b>VIBRATION</b>	<b>7-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 24MM
	6.6MM	<b>FL</b>		100X 24MM
		<b>ST</b>		100X 23MM



AN FL ST

## HADRAW SK

NEW!

Provides Great Stability that Balances Offensive and Defensive Power

<b>ATTACK SHAKE</b>	<b>10.0</b>	<b>8.6</b>		
<b>ATTACK</b>	<b>REACTION</b>	<b>VIBRATION</b>	<b>7-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 24MM
	6.4MM	<b>FL</b>		100X 24MM
		<b>ST</b>		100X 22MM



AN FL ST

## HADRAW VR

NEW!

Strong Attack Performance Recommended for Power Players

<b>ATTACK SHAKE</b>	<b>11.4</b>	<b>9.3</b>		
<b>ATTACK</b>	<b>REACTION</b>	<b>VIBRATION</b>	<b>5-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 25MM
	5.9MM	<b>FL</b>		100X 25MM
		<b>ST</b>		100X 23MM



AN FL ST

## HADRAW VK

NEW!

Provides a Gentle Shot, Allowing Further Control of Rotation

<b>ATTACK SHAKE</b>	<b>10.5</b>	<b>8.4</b>		
<b>ATTACK</b>	<b>REACTION</b>	<b>VIBRATION</b>	<b>5-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 24MM
	5.7MM	<b>FL</b>		100X 24MM
		<b>ST</b>		100X 23MM



# Mizutani Jun

## ZL CARBON

### SUPER ZLC



### MIZUTANI JUN ZLC

**NEW!**

#### ZL CARBON

Jun Mizutani's Model



### MIZUTANI JUN SUPER ZLC

#### SUPER ZLC

Designed in Collaboration with Jun Mizutani

<b>ATTACK SHAKE</b>	<b>11.8</b>	<b>11.2</b>		
<b>ATTACK</b>	<b>REACTION</b>	<b>REACTION</b>	<b>5-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 24MM
	5.7MM	<b>FL</b>		100X 24MM
		<b>ST</b>		100X 22MM

<b>ATTACK SHAKE</b>	<b>12.5</b>	<b>11.6</b>		
<b>ATTACK</b>	<b>REACTION</b>	<b>REACTION</b>	<b>5-PLY</b>	<b>REGULAR</b>
	157X 150MM	<b>AN</b>		100X 24MM
	5.8MM	<b>FL</b>		100X 24MM
		<b>ST</b>		100X 22MM





Cheng I-Ching  
Taiwan



FL

**AMULTART**  
**ZL** CARBON

New Sensation: ZL-Carbon Blade

<b>ATTACK SHAKE</b>	<b>12.2</b>	<b>13.7</b>		
ATTACK	REACTION	VIBRATION	3-PLY	REGULAR
	157X 150MM	FL		100X 25MM
	7.1MM			



AN

FL

ST

**LIU SHI WEN**  
**ZL** FIBER



A Major Player from the Mighty China, Liu Shiwen's Model

<b>ATTACK SHAKE</b>	<b>9.7</b>	<b>8.3</b>		
ATTACK	REACTION	VIBRATION	5-PLY	REGULAR
	158X 152MM	AN		100X 24MM
	5.6MM	FL		100X 24MM
		ST		100X 23MM



FL

**PHOTINO**  
**ZL** FIBER

Balance between Bounce and Lightness

<b>ATTACK SHAKE</b>	<b>11.5</b>	<b>13.1</b>		
ATTACK	REACTION	VIBRATION	3-PLY	REGULAR
	157X 150MM	FL		100X 24MM
	7.0MM			



**Arylate-CARBON**



FL

ST

### TIMO BOLL SPIRIT

*Arylate-CARBON*

A Model Which Supported Timo Boll

**ATTACK SHAKE**

**11.8**

**10.3**



ATTACK

REACTION

VIBRATION

5-PLY

REGULAR



157X  
150MM

FL



100X  
24MM



5.8MM

ST



100X  
22MM



FL

### ZHANG JIKE

*Arylate-CARBON*

World Champion, Zhang Jike's Model

**ATTACK SHAKE**

**11.8**

**10.3**



ATTACK

REACTION

VIBRATION

5-PLY

REGULAR



157X  
150MM

FL



100X  
25MM



5.8MM



FL

### VISCARIA

*Arylate-CARBON*

Arylate-Carbon Opening a New Era

**ATTACK SHAKE**

**11.8**

**10.3**



ATTACK

REACTION

VIBRATION

5-PLY

REGULAR



157X  
150MM

FL



100X  
25MM



5.8MM





Daniela Dodean Monteiro  
Romania



FL

### SARDIUS

**TAMCA®5000**

Great Blade for Pips-Out Hitters and Power Attackers

<b>ATTACK SHAKE</b>	<b>12.8</b>	<b>14.4</b>		
ATTACK	REACTION	VIBRATION	3-PLY	REGULAR
	158X 152MM	FL		100X 25MM
	7.1MM			



FL

### PRIMORAC CARBON

**TAMCA®5000**

Carbon with an Irresistible Power

<b>ATTACK SHAKE</b>	<b>12.5</b>	<b>13.3</b>		
ATTACK	REACTION	VIBRATION	3-PLY	REGULAR
	157X 150MM	FL		100X 25MM
	7.0MM			



AN

FL

ST

### BASLACARBO X5

**CARBON**

Wood Powered with Carbon Fibers

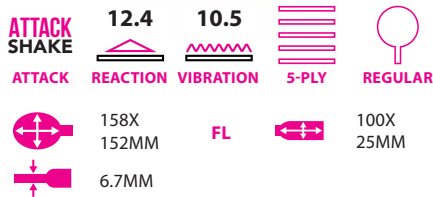
<b>ATTACK SHAKE</b>	<b>10.0</b>	<b>10.0</b>		
ATTACK	REACTION	VIBRATION	3-PLY	REGULAR
	159X 150MM	AN		100X 25MM
	7.0MM	FL		100X 25MM
		ST		100X 25MM



FL

## MAZUNOV

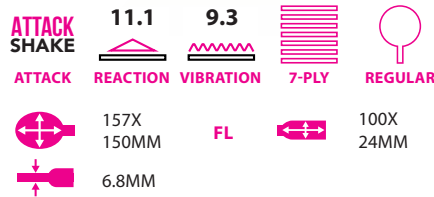
Extremely Fast for an All-Wood Blade



FL

## KORBEL SK7

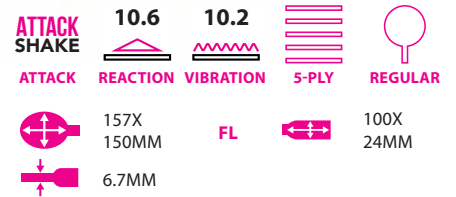
A 7-Ply Blade Popular in Europe



FL

## MAZE PERFORMANCE

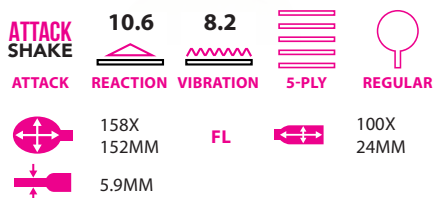
Distinguished High-Level Performance



FL

## PETR KORBEL

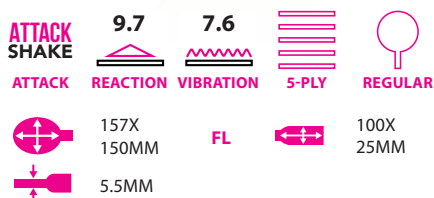
A Collaboration Model with Petr Korbel



FL

## PRIMORAC

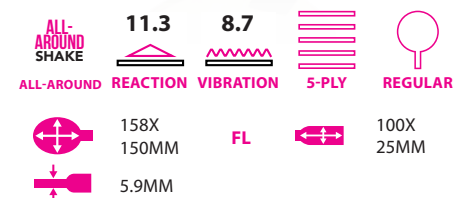
Blade with European Speed



FL

## TIMO BOLL OFF-

Advanced All-Around Attack







FL

## XSTAR IV NEW!

Model for Starters to Learn the ABC of Table Tennis

	<b>10.0</b>	<b>10.1</b>		
ALL-AROUND	REACTION	VIBRATION	5-PLY	COMPACT
	154X 148MM	FL		102X 24MM
	6.1MM			



AN

FL

ST

## ANDRZEJ GRUBBA

Classic Control Still Popular Today

	<b>8.7</b>	<b>7.8</b>		
ALL-AROUND	REACTION	VIBRATION	5-PLY	REGULAR
	158X 151MM	AN		100X 25MM
	5.5MM	FL		100X 25MM
		ST		100X 25MM



FL

## TIMO BOLL ALL+

Immediate Controlled Power

	<b>9.6</b>	<b>8.3</b>		
ALL-AROUND	REACTION	VIBRATION	5-PLY	REGULAR
	158X 150MM	FL		100X 25M
	5.5MM			



FL

## TIMO BOLL ALL

Beginner Control Stability

	<b>8.6</b>	<b>9.0</b>		
ALL-AROUND	REACTION	VIBRATION	5-PLY	REGULAR
	158X 150MM	FL		100X 25MM
	5.7MM			

Seiya Kishikawa

Japan









Joo SaeHyuk   
South Korea



**INNERSHIELD LAYER ZLF** NEW!  
**ZL** FIBER *Innerfiber*







Great "Dwell Time" for Chopping and Plenty of Power for Explosive Counter-Loops

<b>DEFENCE SHAKE</b>	<b>5.5</b>	<b>4.9</b>		
	DEFENSE	REACTION	VIBRATION	5-PLY
	166X 155MM	FL		100X 24MM
	5.1MM	ST		100X 23MM



**HADRAW SHIELD** NEW!







Stability and Great Chopping Performance

<b>DEFENCE SHAKE</b>	<b>7.9</b>	<b>6.3</b>		
	DEFENSE	REACTION	VIBRATION	5-PLY
	166X 155MM	FL		100X 24MM
	5.3MM	ST		100X 23MM



**DEFENCE IV** NEW!






Recommended for Players Learning the Chopping Technique

<b>DEFENCE SHAKE</b>	<b>9.8</b>	<b>8.6</b>		
	DEFENSE	REACTION	VIBRATION	3-PLY
	166X 155MM	FL		100X 24MM
	6.4MM	ST		100X 23MM



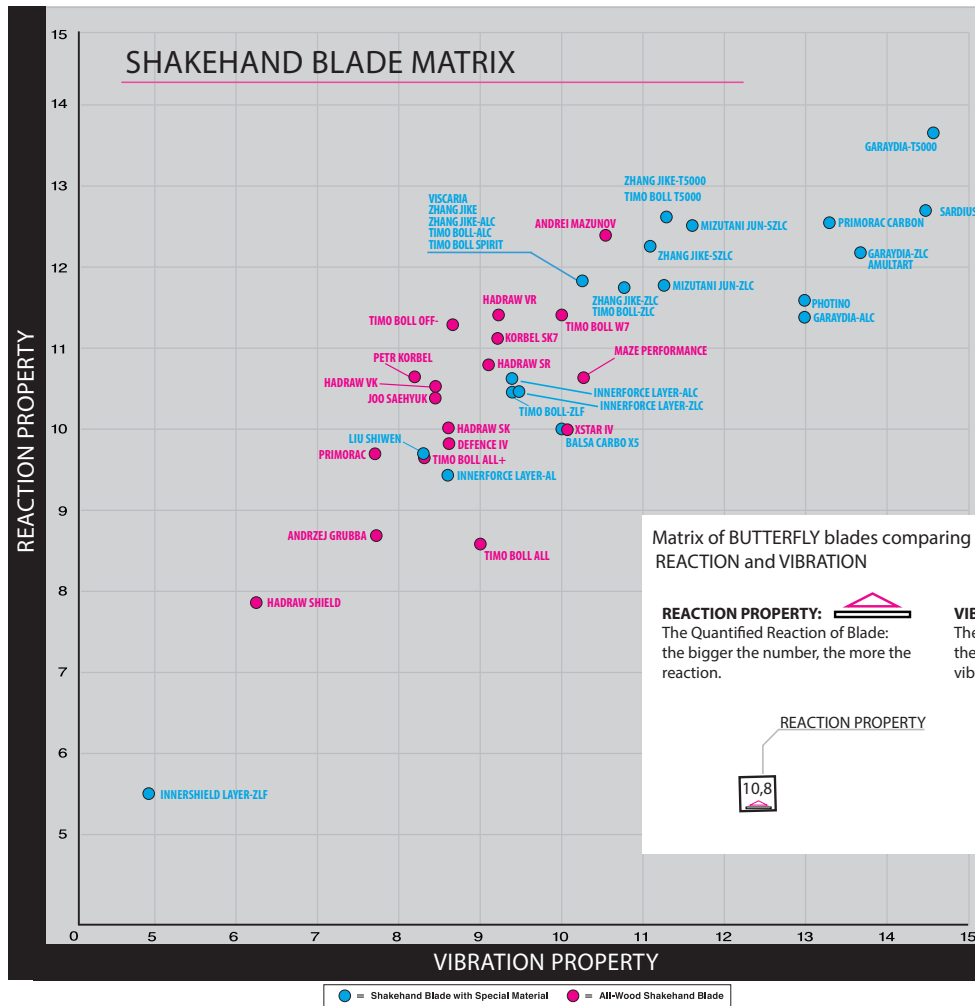
**JOO SAEHYUK**

A Collaboration Model with Joo Seaehyuk

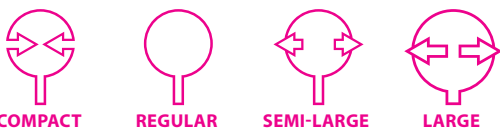
<b>DEFENCE SHAKE</b>	<b>10.4</b>	<b>8.5</b>		
	DEFENSE	REACTION	VIBRATION	5-PLY
	155X 156MM	ST		100X 23MM
	6.0MM			



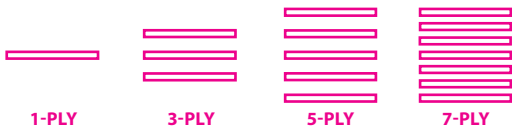
# BUTTERFLY BLADE CHARACTERISTICS & CATEGORIES



### BLADE SIZE



### BLADE PLY



### BLADE DIMENSIONS

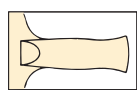


Width and length from the forefront to grip of the blade

Blade thickness of the shakehand and penhold blades

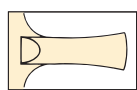
Grip thickness of shakehand and penhold blade

### GRIP SHAPE



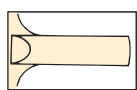
**Anatomic:** Wave-shape grip fits the palm and provides stability

**AN**



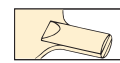
**Flare:** Gravity center is closer to grip and the blade fits in the palm

**FL**

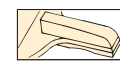


**Straight:** The straight grip enables to change a way of grip according to the play

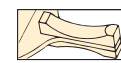
**ST**



**CS**  
Chinese Penhold Blade



**JP**  
Japanese Penhold



**COMBINATION**  
Combination Penhold

### PLAYING STYLE

#### ATTACK SHAKE

Shakehands grip blade for power top spin attacking players.

#### ALL-AROUND SHAKE

Shakehands grip blade for all-around players whose aim is balanced and controlled play.

#### DEFENCE SHAKE

Shakehands grip blade exclusively for defensive players; less bounce enables a stable defence to be combined with a fierce attack.

#### QUICK ATTACK PEN

Penhold grip blade suitable for attack and defence, enables fast reaction change from forehand and backhand.

#### TOP-SPIN MINDED PEN

Penhold grip blade for the powerful attacking top spin player.

#### COMBINATION PEN

Combination Penhold grip blade for players with different rubber surfaces on either side of the racket.

### REACTION PROPERTY



The quantified reaction of blade: the higher the number, the more reaction

### VIBRATION PROPERTY



The quantified vibration frequency: the higher the number the less vibration you feel

### HEAD SHAPE (PENHOLD)

**S** - Angular Penhold Blade

**R** - Round-Angular Penhold Blade

# BUTTERFLY BLADE SPECIFICATION CHART

BLADE	PLIES	REACTION	VIBRATION	WEIGHT (G)	BLADE DIMS (MM)		HEAD THICKNESS (MM)	HANDLE DIMS (MM)		
					AVG	H		W	AN	FL
Amulart	3W+2ZLC	12.2	13.7	86	157	150	7.1	X	100x25	X
Andrzej Grubba	5W	8.7	7.8	85	158	151	5.5	100x25	100x25	100x25
Balsa Carbo X5	3W+2T5000	10	10	74	159	150	7	100x25	100x25	100x25
Defence IV	3W	9.8	8.6	92	166	155	6.4	X	100x24	100x23
Garaydia ALC	3W+2ALC	11.4	13	83	157	150	6.9	100x24	100x24	100x23
Garaydia T5000	3W+2T5000	13.6	14.5	91	157	150	7.2	100x25	100x25	100x23
Garaydia ZLC	3W+2ZLC	12.2	13.7	84	157	150	7.1	100x25	100x25	100x23
Hadraw Shield	5W	7.9	6.3	96	166	155	5.3	X	100x24	100x23
Hadraw SK	7W	10	8.6	77	157	150	6.4	100x24	100x24	100x22
Hadraw SR	7W	10.8	9.1	91	157	150	6.6	100x24	100x24	100x23
Hadraw VK	5W	10.5	8.4	79	157	150	5.7	100x24	100x24	100x23
Hadraw VR	5W	11.4	9.3	87	157	150	5.9	100x25	100x25	100x23
Innerforce Layer AL	5W+2AL	9.4	8.6	79	157	150	5.9	100x25	100x25	100x23
Innerforce Layer ALC	5W+2ALC	10.7	9.4	86	157	150	6	100x25	100x25	100x23
Innerforce Layer ZLC	5W+2ZLC	10.5	9.5	87	157	150	5.7	100x24	100x24	100x23
Innershield Layer ZLF	5W+2ZLF	5.5	4.9	86	166	155	5.1	X	100x24	100x23
Joo Saehyuk	5W	10.4	8.5	99	165	156	6	X	100x24	100x23
Korbel SK7	7W	11.1	9.3	95	157	150	6.8	X	100x24	X
Liu Shiwen	5W+2ZLF	9.7	8.3	86	158	152	5.6	100x24	100x24	100x23
Maze Performance	5W	10.6	10.2	78	157	150	6.7	X	100x24	X
Mazunov	5W	12.4	10.5	103	158	152	6.7	X	100x25	X
Mizutani Jun Super ZLC	5W+2SZLC	12.5	11.6	91	157	150	5.8	100x24	100x24	100x22
Mizutani Jun ZLC	5W+2ZLC	11.8	11.2	90	157	150	5.7	100x24	100x24	100x22
Petr Korbel	5W	10.6	8.2	83	158	152	5.9	X	100x24	X
Photino	3W+2ZLF	11.5	13.1	85	157	150	7	X	100x24	X
Primorac	5W	9.7	7.6	86	157	150	5.5	X	100x25	X
Primorac Carbon	3W+2T5000	12.5	13.3	87	157	150	7	X	100x25	X
Sardius	3W+2T5000	12.8	14.4	90	158	152	7.1	X	100x25	X
Timo Boll ALC	5W+2ALC	11.8	10.3	83	157	150	5.8	100x24	100x24	100x22
Timo Boll ALL	5W	8.6	9	85	158	150	5.7	X	100x25	X
Timo Boll ALL+	5W	9.6	8.3	85	158	150	5.5	X	100x25	X
Timo Boll OFF-	5W	11.3	8.7	85	158	150	5.9	X	100x25	100x25
Timo Boll Spirit	5W+2ALC	11.8	10.3	88	157	150	5.8	X	100x24	100x22
Timo Boll T5000	5W+2T5000	12.6	11.3	89	157	150	5.6	X	100x24	X
Timo Boll W7	7W	11.4	10	94	157	150	6.8	100x24	100x24	100x22
Timo Boll ZLC	5W+2ZLC	11.7	10.8	85	157	150	5.5	X	100x24	X
Timo Boll ZLF	5W+2ZLF	10.5	9.4	83	157	150	5.4	X	100x24	X
Viscaria	5W+2ALC	11.8	10.3	94	157	150	5.8	X	100x25	X
XStar IV	5W	10	10.1	76	154	148	6.1	X	102x24	X
Zhang Jike	5W+2ALC	11.8	10.3	89	157	150	5.8	X	100x25	X
Zhang Jike ALC	5W+2ALC	11.8	10.3	88	157	150	5.8	X	100x25	X
Zhang Jike Super ZLC	5W+2SZLC	12.3	11.1	89	157	150	5.6	X	100x25	100x23
Zhang Jike T5000	5W+2T5000	12.6	11.3	91	157	150	5.6	X	100x25	X
Zhang jike ZLC	5W+2ZLC	11.7	10.8	86	157	150	5.5	X	100x25	X





BUTTERFLY PEN



Ryu Seung Min  
South Korea

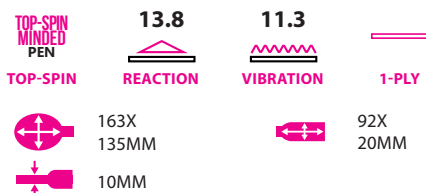


S

### RYU SEUNG MIN G MAX

木曾檜 KISO HINOKI

The Model used by Ryu Seung Min. Powered by the Highest Grade of Kiso Hinoki Wood Possible

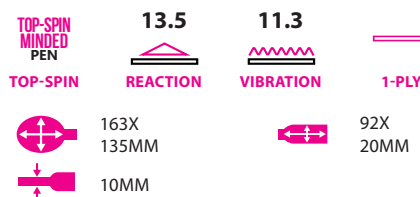


S

### RYU SEUNG MIN MAX

木曾檜 KISO HINOKI

The Wonderful Power from the 10MM Thick Hinoki





SHAN Xiaona  Germany







S

**CYPRESS JP I** NEW!

木曾檜 KISO HINOKI

1-Ply with Specially Selected Kiso Hinoki Wood

<b>TOP-SPIN MINDÉD PEN</b>	<b>12.8</b>	<b>9.0</b>	
TOP-SPIN	REACTION	VIBRATION	1-PLY
	163X 135MM		92X 20MM
	9.3MM		







S

**CYPRESS JP II** NEW!

木曾檜 KISO HINOKI

1-Ply Kiso Hinoki with Balanced Attack and Defence

<b>TOP-SPIN MINDÉD PEN</b>	<b>12.8</b>	<b>8.8</b>	
TOP-SPIN	REACTION	VIBRATION	1-PLY
	163X 135MM		92X 20MM
	9.0MM		







S

**CYPRESS JP III** NEW!

木曾檜 KISO HINOKI

1-Ply for Players of All Levels

<b>TOP-SPIN MINDÉD PEN</b>	<b>12.1</b>	<b>8.8</b>	
TOP-SPIN	REACTION	VIBRATION	1-PLY
	163X 135MM		92X 20MM
	8.7MM		





## HADRAW JPV NEW!

Plywood Penhold Style for all Abilities

S <b>TOP-SPIN MINDING PEN</b>	R <b>QUICK ATTACK PEN</b>	<b>11.4</b> 	<b>10.7</b> 	
TOP-SPIN	QUICK ATTACK	REACTION	VIBRATION	5-PLY
S	163X 135MM		92X 20MM	
R	161X 141MM		92X 20MM	
	7.1MM			



## HADRAW REVOLVER NEW!

Easy to use Combination Penhold Blade

<b>COMBI-NATION PEN</b>	<b>9.7</b> 	<b>9.0</b> 	
COMBINATION PEN	REACTION	VIBRATION	5-PLY
161X 141MM		86X 16MM	
5.9MM			



## GARAYDIA REVOLVER NEW!

*Arylate-CARBON*

Combination Penhold for Attack and Defence Close to the Table

<b>COMBI-NATION PEN</b>	<b>10.5</b> 	<b>8.2</b> 	
COMBINATION	REACTION	VIBRATION	3-PLY
161X 141MM		86X 16MM	
6.4MM			



## SENKOH SPECIAL 90

木曾檜 KISO HINOKI

Durable and Reliable

<b>TOP-SPIN MINDING PEN</b>	<b>QUICK ATTACK PEN</b>	<b>12.4</b> 	<b>8.8</b> 	
TOP-SPIN	QUICK ATTACK	REACTION	VIBRATION	1-PLY
163X 135MM			92X 20MM	
9.0MM				

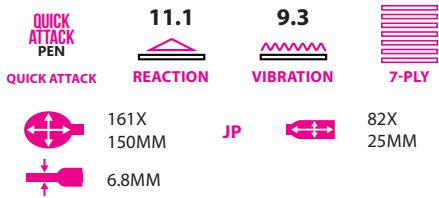




CS

## YOSHIDA KAI

Kaii Yoshida's Model



CS

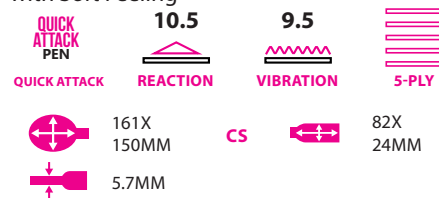
## INNERFORCE LAYER ZLC

NEW!

ZL CARBON

Innerfiber

High-Reaction Chinese Penhold with Soft Feeling

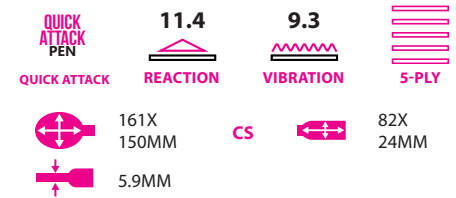


CS

## HADRAW VR

NEW!

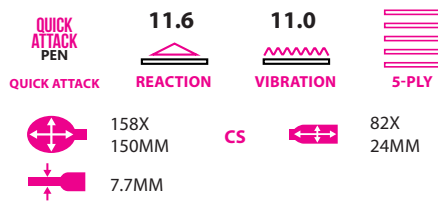
5-Ply Chinese Penhold for Powerful Attack



CS

## CHINESE REAL

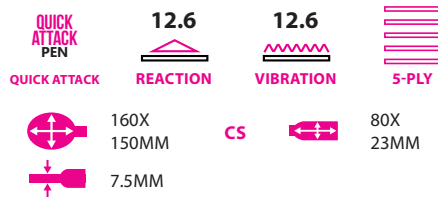
Distinguished High Speed



CS

## SHAMADA

Easy to Use Your Wrist







## BUTTERFLY RPB EXPLAINED

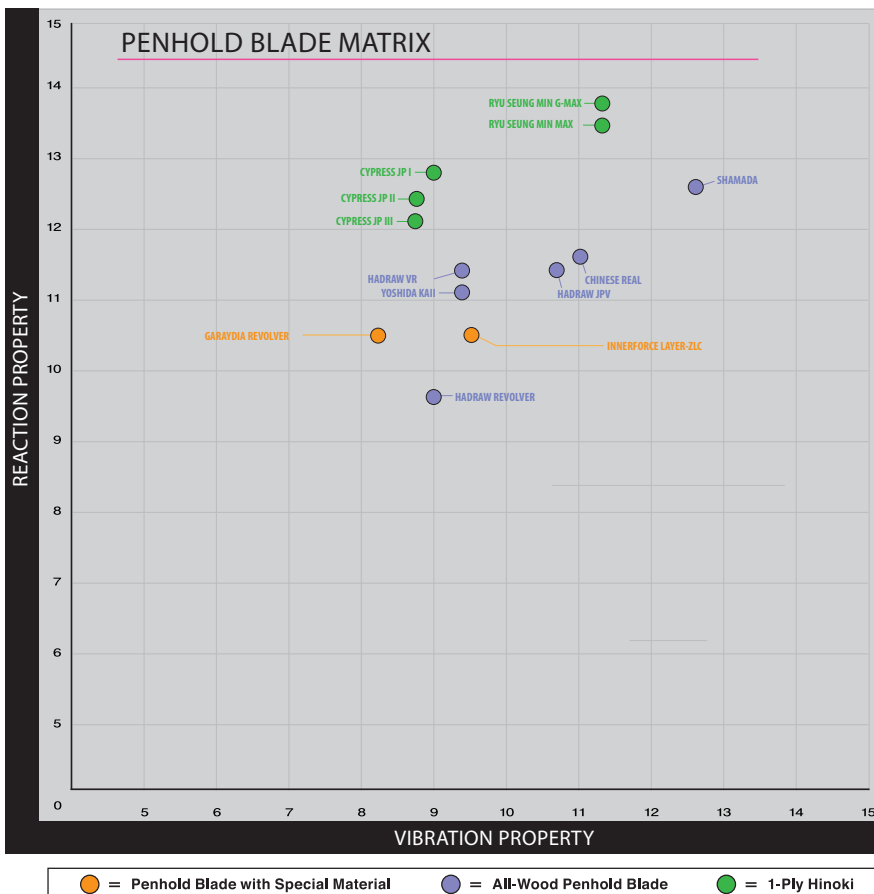
**C**onventional Penhold players use the same racket side to hit forehand and backhand. This playing style maximizes the forehand performance giving the ability to swing freely for strong attacks. However the grip puts the backhand in an awkward position forcing players to mainly punch and block. This style requires fast footwork and balance.

Reverse Penhold backhand is a newer technique in which the ball is struck on the opposite side of the

forehand. This increases the range of motion giving the ability to use much more wrist snap. Chinese style players are able to produce strong topspin attacks from both wings. The Reverse Penhold playing style allows for more dynamic offense. Revolver Japanese Style Penhold rackets allow you to put two sheets of rubber on a Japanese style blade. It has cork handles on both sides of the blade. The cork backing is cut flat on both sides. This gives Japanese style players the ability to have two different types of rubber for deception.


# BUTTERFLY PENHOLD SPECIFICATION CHART

CHINESE STYLE BLADE	PLIES	REACTION	VIBRATION	Weight (G)	BLADE DIMENSIONS (MM)		HEAD THICKNESS (MM)	HANDLE DIMENSIONS (MM)
					H	W		
Chinese Real	5W	11.6	11.0	86	158	150	7.7	82x24
Hadraw VR	5W	11.4	9.3	91	161	150	5.9	82x24
Innerforce Layer ZLC	5W+2ZLC	10.5	9.5	85	161	150	5.7	82x24
Shamada	5W	12.6	12.6	86	160	150	7.5	80x23
Yoshida Kaii	7W	11.1	9.3	93	161	150	6.8	82x25
JAPANESE STYLE BLADE	PLIES	REACTION	VIBRATION	Weight (G)	BLADE DIMENSIONS (MM)		HEAD THICKNESS (MM)	HANDLE DIMENSIONS (MM)
					H	W		
Cypress JP III-S	1W	12.1	8.8	85	163	135	8.7	92x20
Cypress JP II-S	1W	12.4	8.8	87	163	135	9.0	92x20
Cypress JP I-S	1W	12.8	9.0	89	163	135	9.3	92x20
Garaydia Revolver-R	3W+2ALC	10.5	8.2	64	161	141	6.4	86x16
Hadraw JPV-R	5W	11.4	10.7	79	161	141	7.1	92x20
Hadraw JPV-S	5W	11.4	10.7	79	163	135	7.1	92x20
Hadraw Revolver-R	5W	9.7	9.0	66	161	141	5.9	86x16
Ryu Seung Min G-Max	1W	13.8	11.3	89	163	135	10.0	92x20
Ryu Seung Min Max	1W	13.5	11.3	99	163	135	10.0	92x20
Senkoh Special 90	1W	12.4	8.8	97	163	135	9.0	92x20




## Matrix of BUTTERFLY blades comparing material REACTION and VIBRATION

**REACTION PROPERTY:**  
The Quantified Reaction of Blade: the bigger the number, the more the reaction.




**REACTION PROPERTY**

10,8




**VIBRATION PROPERTY:**  
The Quantified Vibration Frequency: the higher the number, the less vibration you feel.



**VIBRATION PROPERTY**

11,7

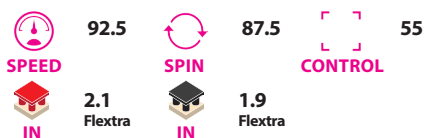






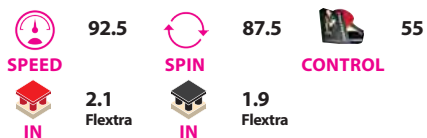
## ZHANG JIKE BOX SET

Made with Carbon Fibers.  
Comes with a Free Racket Case!



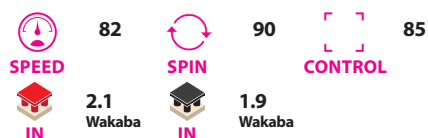
## KONG LINGHUI BOX SET

Made with Carbon Fibers.  
Comes with a Free Racket Case!



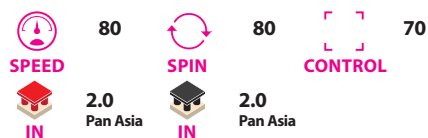
## BTY 603 BOX SET

Comes with a Free Racket Case!



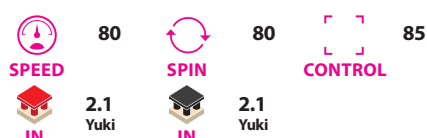
## BTY 501 BOX SET

Comes with a Free Racket Case!



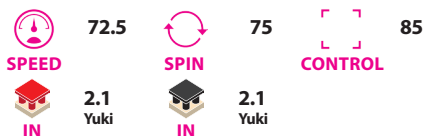
## BTY 401 BOX SET

Comes with a Free Racket Case!



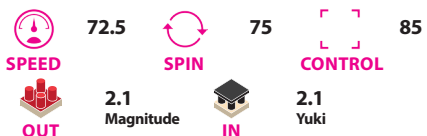
## BTY 302 BOX SET

Comes with a Free Racket Case!



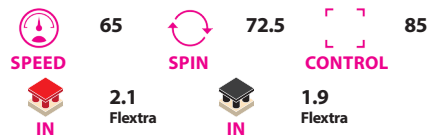
## BTY 303 BOX SET

Comes with a Free Racket Case!



## BTY 201 BOX SET

Comes with a Free Racket Case!





**CARBON**

Carbon fiber layers will add more speed to a racket and it will also increase the size of the sweet-spot, making the racket more consistent.



**TIMO BOLL CF 1000**

Made with Carbon Fibers.

	90		70		70
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Pan Asia		Pan Asia		
<b>IN</b>		<b>IN</b>			



**TIMO BOLL CF 2000**

Made with Carbon Fibers.

	90		70		70
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Pan Asia		Pan Asia		
<b>IN</b>		<b>IN</b>			



**TIMO BOLL 1000**

	80		70		80
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Pan Asia		Pan Asia		
<b>IN</b>		<b>IN</b>			



**TIMO BOLL 2000**

	80		70		80
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Pan Asia		Pan Asia		
<b>IN</b>		<b>IN</b>			



**TIMO BOLL 3000**

	80		70		80
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Pan Asia		Pan Asia		
<b>IN</b>		<b>IN</b>			










Kenta Matsudaria  
Japan 



Zhang Jike  
China 








### WAKABA 1000

	90		80		70
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Wakaba		Wakaba		








### WAKABA 2000

	90		80		70
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Wakaba		Wakaba		








### WAKABA 3000

	90		80		70
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Wakaba		Wakaba		








### ADDOY 1000

	75		50		100
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Addoy		Addoy		








### ADDOY 2000

	75		50		100
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Addoy		Addoy		



### ADDOY 3000






	75		50		100
<b>SPEED</b>		<b>SPIN</b>		<b>CONTROL</b>	
	Addoy		Addoy		



Michael Maze  
Denmark 








### ARBALEST

 95	 90	 60
<b>SPEED</b>	<b>SPIN</b>	<b>CONTROL</b>
 2.0 Stayer	 2.0 Stayer	








### SPATHA

 90	 80	 70
<b>SPEED</b>	<b>SPIN</b>	<b>CONTROL</b>
 1.8 Wakaba	 1.8 Wakaba	








### RANSEUR

 85	 70	 80
<b>SPEED</b>	<b>SPIN</b>	<b>CONTROL</b>
 1.8 Pan Asia	 1.8 Pan Asia	





### BASELARD

 80	 60	 90
<b>SPEED</b>	<b>SPIN</b>	<b>CONTROL</b>
 1.5 Morim	 1.5 Morim	



### FLAIL

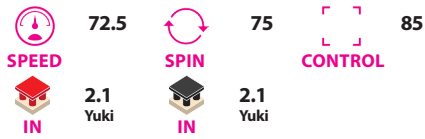
 75	 50	 100
<b>SPEED</b>	<b>SPIN</b>	<b>CONTROL</b>
 1.5 Addoy	 1.5 Addoy	





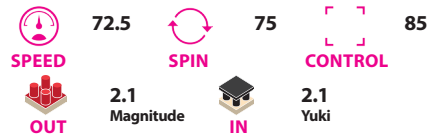
### BTY 302CS BOX SET

Comes with a Free Racket Case!

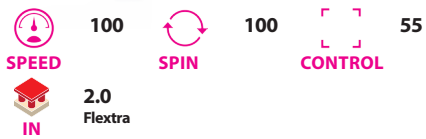


### BTY 303CS BOX SET

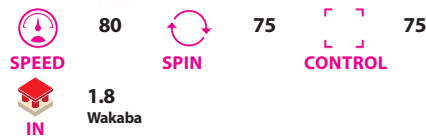
Comes with a Free Racket Case!



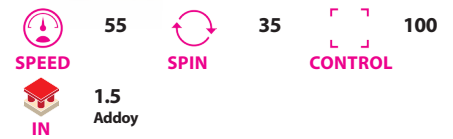
### DAO



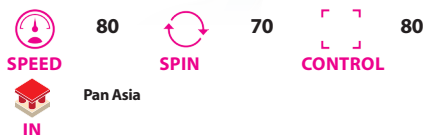
### YARI



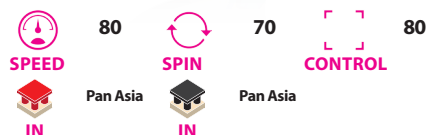
### JIAN



### BTY CS 1000



### BTY CS 2000



Timo Boll  
Germany



### VICTORY 2 PLAYER



75

SPEED



50

SPIN



100

CONTROL



1.5  
Addoy

IN



1.5  
Addoy

IN

### VICTORY 4 PLAYER



75

SPEED



50

SPIN



100

CONTROL



1.5  
Addoy

IN



1.5  
Addoy

IN





Koki Niwa  
Japan



# PROVIDING PROPER CARE

## WHEN SHOULD I CHANGE MY RUBBER SHEETS?

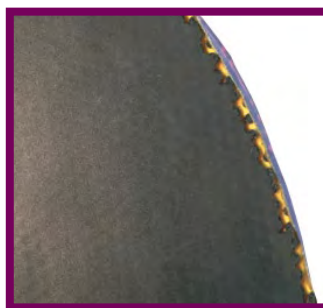
**A** rubber's performance will deteriorate as time and the elements take their toll. The rubber will produce less spin than it once did and will not feel as lively. The life expectancy of your rubber sheet will vary depending on how often you play.

### A Good Rule of Thumb:

$$[\# \text{ of days played/week}] = [\# \text{ of times to change/year}]$$

## HOW CAN I PROVIDE PROPER CARE FOR MY RACKET?

Your racket should be protected at all times as the rubber will naturally begin to deteriorate once in use. Dirt, dust and oil will accumulate on the surface during play. It is necessary to clean your rubber during play as well as after each playing session. Specially formulated cleaners and a sponge will rejuvenate your rubber surface and prolong its life span.



**WORN EDGES**



**TOP-SHEET DETERIORATION**

Protective film will add a layer of defense from the air for your rubber sheets. A racket case will reduce the amount of time your paddle is out in the open and exposed to the elements.

The additional padding will also help cushion the blow, should you happen to drop your racket. By all means, keep your racket out of heat. Anywhere your racket will come in contact with intense heat, such as the interior of your car, are places you should certainly avoid storing it.

# SELECTING SPONGES

## WHAT SPONGE THICKNESS SHOULD I CHOOSE?

**M**any rubbers offer multiple sponge thicknesses. The sponge layer, the area between the top - sheet and the wood, acts as a trampoline. Thinner sponge will be less “springy” and have a hard feel, as the ball will generally sink to the wood surface, producing less spin and speed. Thicker sponge will have a soft feel and will be faster and provide more spin as the ball will sink deep into the sponge layer catapulting it outward with tremendous velocity and increased spin. If you are unsure about which thickness to choose, 1.9mm sponge is always a safe bet.



## WHAT IS SPONGE HARDNESS?

In the highly technical world of table tennis equipment, Butterfly strives to give our customers as much information as possible to help each person choose the equipment that best fits their needs. To that end, we are now publishing a list of Sponge Hardness Ratings. The higher the number the denser (harder) the sponges. The denser sponges have more stored energy but also require more racket speed to compress the sponge and release this energy. The all-around player or players with shorter strokes will prefer medium or softer sponges.

- **OX - 1.3MM:** For Defensive Style Player Who Emphasizes Control
- **1.5MM - 1.7MM:** For All-Around Players Who Desire Good Control With Medium Speed
- **1.9MM - MAX:** For Offensive Players Who Attack with High Speed

## RACKET ASSEMBLY



**1** Tilt the FREE CHACK tube very slightly and apply the glue to the whole surface of the sponge and the blade.



**2** The glue should be spread evenly over the whole surface with the clip sponge. Therefore, it is absolutely necessary that the glue is applied evenly and not smeared in a haphazard fashion; it is important the layer of glue is as thin as possible.



**3** After having applied the FREE CHACK to both sponge and blade, allow to dry for at least 20 minutes until the surfaces become transparent.



**4** Attach the rubber to the blade by applying equal pressure to the whole surface using your hand.

**5** Using sturdy, sharp scissors, cut sheet starting at right side with sponge facing up. For an even cut, use the side of the blade as a guide, cutting with the scissors flush against the blade's edge.

## TO AVOID LOSING SPEED AND SHRINKING THE RUBBER; REFRAIN FROM:

- Using a roller to affix the rubber.
- Peeling off a glued rubber and gluing again.
- Laying two rubbers on each other.





## FREE CHACK

- 100% Liquidized Natural Caoutchouc
- Easy To Remove From Sponge And Racket
- 37ML Bottle Approximately 20 Applications, Includes 8 Sponges & a Clip
- 90ML Bottle Approximately 50 Applications, Includes 15 Sponges & a Clip
- 500ML Bottle Approximately 270 Applications, Includes 50 Sponges & a Clip



## FREE CHACK II

- Newly Formulated, Latex 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
- Made in Japan



## RACKET CARE KIT

- A Must for the Serious Player
- The Kit Includes: Butterfly Foam Cleaner, Rubber Care Sponge And Cleaning Tips
- The Specially Formulated Cleaner Will Help Rejuvenate the Rubber Surface to its Natural Tacky State
- The Cleaning Sponge Offers a Soft Absorbent Side And A Very Dense Side That Acts as a Squeegee



## CLIP SPONGES

- 1 Clip, 10 Sponges For Applying Free Chack Or Free Chack II
- New Shape For Easy Grip
- Redesigned Clip With Butterfly Logo



## SOFT GRIP TAPE

- Adds Comfort And Thickness
- Excellent Sweat Absorption



## CHACK SHEET

- Transparent Glue Sheet
- 1 Sheet, Two Adhesive Sides



## SPIN REFRESH

- Environmentally Friendly and Non-Gas Type Foam Cleaner
- 150ML



## DAILY CLEANER

- Foam Cleaner
- 165ML



## CURE WATER

- Spray Pump Cleaner
- Non-Toxic, Non-Flammable
- 150ML



### ADHESIVE RUBBER PROTECT FILM III

- Protects Rubber from Dirt
- Includes Two Sheets
- Tackier than Rubber Film



### RUBBER FILM III

- Durable Plastic Film Designed To Protect The Rubber Surface
- Contains Two Sheets



### RUBBER GRIP

- Adds Comfort And Thickness
- Prevents Slippage



### RACKET SHEET

- Colored Racket Sheets
- Adhesive Back For Penhold Blades
- Available In Black And Red



### CLEAN CARE

- Cleaning Sponge In Its Own Case
- Soft Sponge Is Attached To The Lid
- Cover Easily Screws Closed
- Keeps Your Hands And Bag Clean



### CLEAN BRUSH

- Cleaner For All Pips Rubber



### RUBBER CARE SPONGE

- Cleaning Sponge For Rubber
- Yellow Side For Regular Cleaning
- Blue Side For Intense Cleaning

12MM 9MM 6MM



### SIDE TAPE CLOTH

- Large Roll Of Protective Tape
- Length: 50M
- Can Edge About 115 Rackets



### POWER TAPE

- Adds Weight To Racket
- Five One Gram Pieces
- 6MM X 76MM



### TENERGY SIDE TAPE

- Large Roll of Protective Tape
- Can Edge About 115 rackets
- Orange





### TRESNAL DX CASE NEW!

- Plenty of Room for Your Racket and Care Products
- Accommodates Two Rackets and Four Balls with Additional Pouch for Accessories
- High Quality Zippers with Functional Carrying Strap



### TRESNAL TOUR CASE NEW!

- The Tresnal Tour Case is Designed to Hold Two Rackets and Four Balls
- Made of Durable Nylon with Padded Front and Back Panels
- Accessory Pouch On Inside Back Panel
- Zipper Closure



### TRESNAL FULL CASE NEW!

- The Tresnal Full Case Offers Great Protection for Your Racket
- Simple, Clean Design
- Padded Front and Back Panels



### TRESNAL HEAD CASE NEW!

- The Tresnal Head Case Offers Great Protection for Your Racket
- Simple, Clean Design
- Padded Front and Back Panels



### BL TOUR CASE NEW!

- The BL Tour Case is Designed to Hold Two Rackets and Four Balls
- Made of Polyester with Padded Front and Back Panels
- Zipper Accessory Pouch and Zippered Closure



### NL HARD FULL CASE NEW!

- Durable Plastic Material
- Holds 1-2 Rackets
- Internal Mesh Pocket
- Zipper with Carrying Strap





### NELOFY DX CASE NEW!

- Plenty of Room for Your Rackets and Care Products
- Accommodates Two Racket and Four Balls
- Two Separate Compartments with Blade Divider



### NELOFY TOUR CASE NEW!

- Accommodates Two Rackets and Four Balls
- Accessory Pouch on Inside Back Panel
- High Quality Zipper with Functional Carrying Strap



### NAKAMA II TOUR CASE

- The Nakama II Tour Case is Designed to Hold Two Rackets and Four Balls
- Simple, Clean Design
- Padded Front and Back Panels with an Inside Pouch



### ALU CASE

- Maximum Protection for Your Racket and Balls
- Ridged Aluminum Outer Structure with Foam Inner Lining
- Holds One Racket and 3 Balls



### NAKAMA II B CASE

- The Nakama II B Case Offers Great Protection for Your Racket
- Simple, Clean Design
- Padded Front and Back Panels



### B CASE

- Racket Shaped Case with Zipper Closure
- Padded Front and Back Panels





## PLASTIC EXPLAINED

In July 2014, the International Table Tennis Federation (ITTF) passed a new law that requires all ITTF sanctioned events to utilize the new 'plastic ball'.

You may find that more serious table tennis clubs and tournament level players are transitioning to the new ball, but the traditional celluloid balls are still legal for normal table tennis activities and non-ITTF-sanctioned events.



### WHY THE CHANGE?

The plastic balls are more eco-friendly



### HAS THE SIZE OF THE BALL CHANGED?

The size of the ball remains unchanged at 40mm



### HOW DO I KNOW IF THE BALL IS CELLULOID OR PLASTIC?

Plastic balls will have the "40+" designation



### CAN I USE THE NEW PLASTIC BALLS IN MY ROBOT?

Yes, as the size is still 40MM, the plastic ball will fit in your existing robot



### ARE CELLULOID BALLS STILL LEGAL?

Yes, celluloid balls are still legal for all non-ITTF sanctioned events



### HOW WILL THE NEW PLASTIC BALL PERFORM?

Initial feedback from top players is that the new ball 'feels' slightly heavier, thus players notice a little less speed and spin. You may suggest players try faster rackets, blades and rubber sheets to make up for the loss of speed.

Butterfly is the official ball sponsor and supplier of the 2015 World Table Tennis Championships.



### 3-STAR G40+ NEW!

- The new ITTF Approved 3-Star Ball from Butterfly
- Very round as the ball has the same thickness at all points
- The bounce more closely resembles that of a celluloid ball
- New material – New feel – New sound – New ball
- Play the best, Play Butterfly
- Made in Germany



### MASTER QUALITY BALL NEW!

- 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
- Made in Germany



### EASY BALL 40+ NEW!

- 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
- A new production process easily creates a very round ball with an amazingly even bounce
- Very new, very round, very easy
- Made in Germany



### 3-STAR 40+ NEW!

- Official ball of the 2015 World Championships & the 2014 World Junior Championships
- The new plastic ball is required for use in all ITTF sanctioned events and will be used at select events in North America
- ITTF approved



### TRAINING BALL 40 BUCKET

- 72 Standard Training Balls
- Comes in a Vinyl Bucket with Zipper Top
- Carrying Handle
- Adjustable Shoulder Strap



### ROLLER BOX NEW!

- Can Be Used as a Hard Plastic Box for 6 Balls or as a Rolling Pin for Rubbers



### BALL HOLDER NEW!

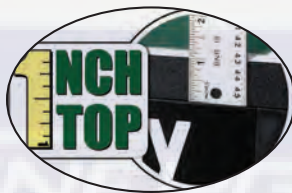
- Neatly Holds and Protects Your Balls
- Keyring Clip for Convenience





## TABLE FAQ

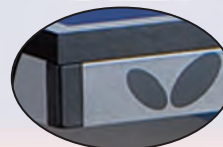
### TOP



Simply put, the thicker the top, the better the bounce. Our indoor Wood Tops are made of compressed particle board while our outdoor tops are comprised of a synthetic laminate made of melamine. 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.

### RAIL

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.



### LEGS

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

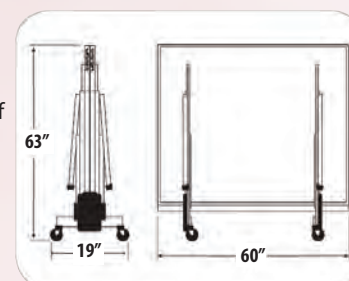
Some models feature a convenient accessory holder that is integrated into the frame of the table. It will accommodate multiple rackets and balls. This system also allows the net to remain attached to the table during play as well as in the storage position.



### 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.



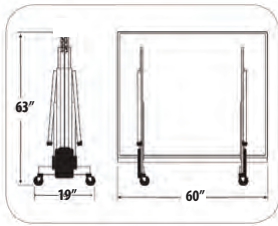
# TABLE SPEC CHART

TABLE SPECIFICATIONS		YES = ✓ NO = X		TOP THICKNESS	RAIL / RIM	LEGS	WHEELS	PRODUCT WEIGHT (lbs.)	SHIPPING WEIGHT (lbs.)	PLAYBACK POSITION	ADJUSTABLE FEET	ACCESSORY HOLDER	HASSLE FREE NET	WARRANTY (YEARS)
		PROFESSIONAL	Centrefold 25	1"	2" x 3/4" Steel	2" Square	5"	280	385	X	✓	X	X	X
Octet 25 Rollaway	1"	2" x 3/4" Steel	2" Square	4"	275	380	✓	✓	X	X	5			
Europa 25	1"	2" x 3/4" Steel	2" Square	5"	270	375	X	X	X	X	5			
INSTITUTIONAL	Nippon Rollaway	7/8"	2" x 3/4" Steel	2" Square	5"	265	370	✓	X	X	X	5		
Club 25 Rollaway	1"	1 1/2" Steel	2 3/8" Square	4"	265	370	✓	✓	X	✓	3			
Match 22 Rollaway	7/8"	1 1/2" Steel	1 3/16" Square	4"	230	235	✓	✓	X	X	3			
Premium Rollaway	3/4"	1 1/2" x 3/8" x 1 1/2" Steel	1 1/8" Square Steel	4"	205	210	✓	X	✓	X	3			
HOME	Easifold Rollaway	3/4"	3/4" x 1 1/8"	1" x 1 5/8" Steel	2 3/4"	177	203	✓	✓	x	x	3		
Playback Rollaway	3/4"	1 1/2" Steel	1" Square Steel	5"	170	180	✓	X	✓	✓	3			
Personal Rollaway	3/4"	1 1/2" Steel	1" Round Steel	5"	170	180	✓	X	✓	✓	3			
Compact 19	3/4"	3/4" x 1 1/8"	1 1/8" Square Steel	2"	167	187	x	x	x	x	3			
Sport Rollaway	3/4"	N/A	1" Round Steel	5"	150	160	✓	X	✓	✓	3			
Junior	1/2"	5/8" x 7/8"	3/4" Square Steel	2"	62	71	x	x	x	x	3			
Family	1/2"	N/A	3/4" Round Steel	N/A	44	49	x	x	x	x	3			
PT Conversion Tops	3/4"	1 1/2" Steel	N/A	N/A	150	160	X	X	X	X	3			
OUTDOOR	Easifold Outdoor	1/2"	3/4" x 1 1/8"	1" x 1 5/8" Steel	2 3/4"	209	225	✓	✓	x	x	3		
Outdoor Playback Rollaway	1/4"	1 1/2" Steel	1" Square Steel	5"	140	150	✓	X	✓	✓	3			
Compact Outdoor	1/2"	3/4" x 1 1/8"	1 1/8" Square Steel	2"	178	201	x	x	x	x	3			
Sport Outdoor Rollaway	3/16"	1 1/2" Steel	1" Round Steel	5"	108	118	✓	X	✓	✓	3			
Outdoor Home Rollaway	3/16"	1 1/2" Steel	1" Round Steel	5"	115	125	✓	X	✓	✓	3			



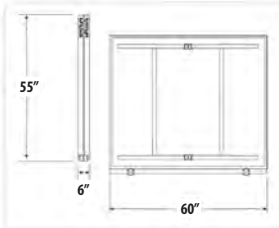
## CENTREFOLD 25

- Official Table of the We Are Butterfly club program
- Buy Used and Save!



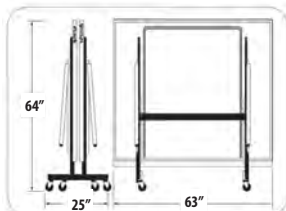
## EUROPA 25

- Official Table of the We Are Butterfly club program
- Buy Used and Save!



## OCTET 25

- Official Table of the We Are Butterfly club program



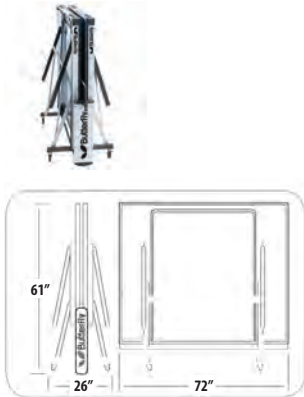
## NIPPON

- Classic compliment to any game room



## CLUB 25

- Our least expensive 1" top



## MATCH 22

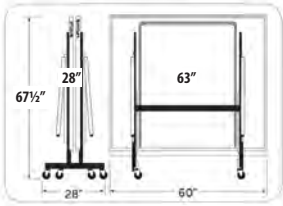
- Ideal for budget minded table tennis clubs





## PREMIUM

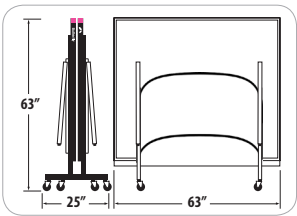
- Great Table for Institutional Use



## EASIFOLD INDOOR

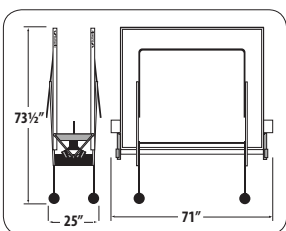
NEW!

- New Quick Assembly Table Design



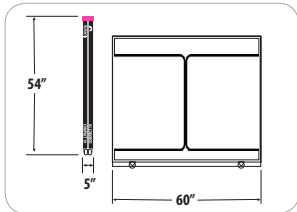
## PLAYBACK

- Our Most Popular Table of All-Time



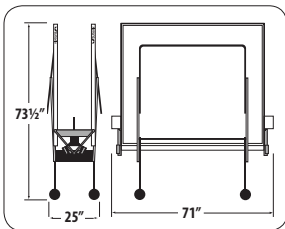
## COMPACT INDOOR NEW!

- No Assembly Required



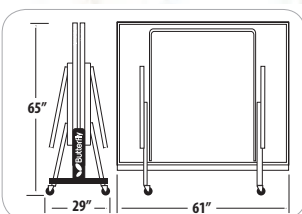
## PERSONAL

- Our Best Seller



## SPORT ROLLAWAY

- User Friendly Indoor Design





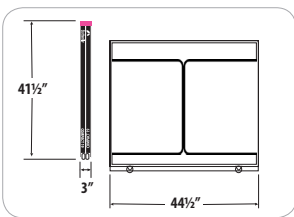


## JUNIOR NEW!

- ¾ Sized Table

- Table Dimensions:

In Use:  
81" long x 45" wide x 30" high  
Storage:  
44½" long x 3" wide x 41½" high

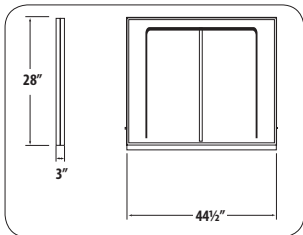


## FUN NEW!

- Table Tennis on the Go

- Table Dimensions:

In Use:  
54½" long x 36¼" wide x 24" high  
Storage:  
44½" long x 3" wide x 28" high



## PT CONVERSION TOPS

- Go From Pool To Ping Pong In Seconds

- Table Dimensions:

In Use:  
108" L x 60" W  
Storage:  
53" L x 60" W

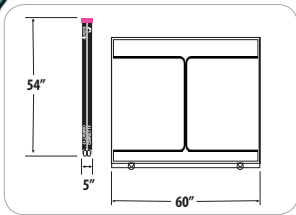
*\*DX models come with a 2-Player Set.*



## COMPACT OUTDOOR

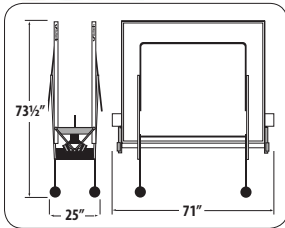
NEW!

- Compreg Top Offers Superior Outdoor Bounce



## OUTDOOR PLAYBACK

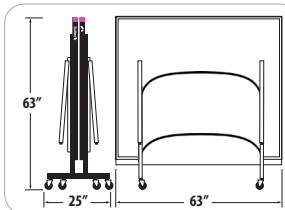
- Our Most Popular Outdoor Table of All Time



## EASIFOLD OUTDOOR

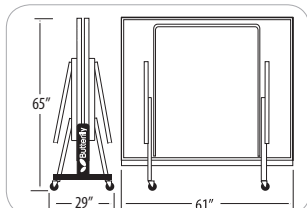
NEW!

- Compreg Top Offers Superior Outdoor Bounce



## SPORT OUTDOOR

- User Friendly Indoor/Outdoor Design

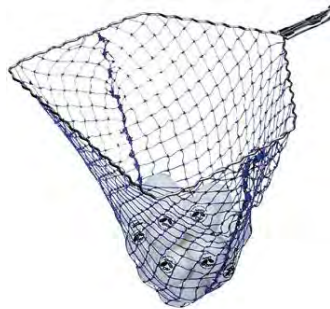






## TABLE CLEANER

- A Liquid Developed Using Latest Biological Techniques
- Stainless Removal of Dust, Dirt, and Grease from the Table's Surface



## BALL AMIGO HEAD REPLACEMENT

- Replace Worn Net or Dented Frame for Ball Amigo



## BALL AMIGO

- Compliment to the Ball Trainer
- Easy Pick Up of Balls
- Adjustable, Telescoping Handle
- Saves Your Back for the Matches



## BALL TRAINER

- Ball Holder Used for Training
- Adjustable Height
- Four Wheels Allow for Easy Transport



## UMPIRE TABLE

- Large, Flat Surface for Displaying Scoreboard
- Great for Spectator Events
- Collapses Flat When Not in Use
- Carrying Handle
- **Buy Tournament Used and Save!**

## EUROPA BARRIER

- Butterfly Logo on One Side
- Size: 7'8"x2'4"
- **Buy Tournament Used and Save!**

## TOWEL & BOX BALL

- 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 Butterfly Logo
- Stands 30" Tall
- **Buy Tournament Used and Save!**



## LEAGUE SCORER

- Scoreboard Stands Upright Inside the Box Top
- Includes Time-Out Card
- Game Score to 25
- Set Score to 5
- Size 18.5"x11.8"x1.2"
- **Buy Tournament Used and Save!**



## 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
- Size: 60.5"x29.5"x59"





## EUROPA NET SET

- ITTF Approved
- Our Highest Quality Net Set
- Rubber Covered Clamps Protect the Table Surface



## NATIONAL LEAGUE NET SET

- ITTF Approved
- A More Economical Net
- Rubber Covered Clamps Protect the Table Surface



## ELITE CLIP NET SET NEW!

- Ideal for League Match Use
- Robust Metal Post with Clip on Fixing System
- 6' Cotton Net with String Tension



## STALLION NET SET

- Rubber and Felt Padded Brackets and Clamps
- Includes Net Height Measure
- Adjustable Net Tension



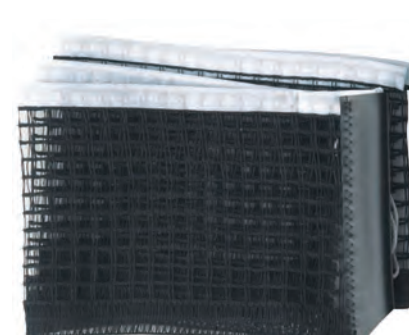
## NET HEIGHT MEASURE

- Measures Net Height
- Measures Rubber Thickness
- Sturdy, Hard Plastic



## REPLACEMENT NET & BARS

- Replacement Net & Bars for National League, Europa, Stallion, and Elite Clip Net Sets
- Metal Posts and Pull Chain
- Net and String



## REPLACEMENT NET

- Replacement Net for National League, Europa, Stallion, and Elite Clip Net Sets
- 72" Long



# DID YOU LIKE THE EQUIPMENT YOU PLAYED ON?

**CENTREFOLD 25**



**EUROPA 25**



**EUROPA BARRIER**



**CONTACT YOUR LOCAL DEALER FOR PURCHASING**

# T TOURNAMENT U USED T TABLES

**UMPIRE TABLE**



**TOWEL & BALL BOX**



**LEAGUE SCORER**



**OFFICIAL EQUIPMENT SUPPLIER:**

- BUTTERFLY NORTH AMERICA TOUR
- BUTTERFLY TEAMS
- BADGER OPEN
- CARY CUP
- THE ARNOLD
- CANADIAN CHAMPIONSHIPS
- CANADA CUP
- CANADIAN JUNIOR OPEN
- AND MANY OTHER GREAT TOURNAMENTS

## EQUIPMENT

# BUTTERFLY





**Yadira  
Silva**

**Adriana  
Diaz**

**Marcos  
Madrid**

**Crystal  
Wang**

**Mo  
Zhang**

**Eugene  
Wang**

**Kanak  
Jha**

**Brian  
Afanador**

**WE ARE BUTTERFLY.**



# AMICUS ROBOTS

## BASIC

**EXCELLENT FOR HIGH-INTENSITY TRAINING OF STROKE TECHNIQUE AND FOOTWORK**

- 6 Balls Per Exercise with Different Position
- Random Function - Balls with a Natural Scattering
- Spin, Speed and Trajectory Adjustable



## ADVANCE

**IDEAL PARTNER FOR THOSE WHO WANT TO TRAIN COMPLEX PLAY SEQUENCES**

- For Each Ball An Exercise Individually Adjustable: Spin + Speed + Trajectory + Placement
- Complete Ball Sequences Include Service
- Up To 10 Saved Exercises
- AFC Function (Automatic Frequency Control): For Automatic Adjustment Of The Time Intervals Between Balls With Different Speed And Spin
- Sample Function: To Play Balls Individually And Customize Their Settings with Different Speed And Spin



## PROFESSIONAL

**FOR THE AMICUS PROFESSIONAL YOU DON'T HAVE TO BE A REAL PROFESSIONAL - JUST REQUIRING THE HIGHEST POSSIBLE STANDARDS IS ENOUGH.**

- 8 Balls Per Exercise
- 99 Exercises Saved
- Remote Control (On/Off and Speed Variation)
- IFC (Individual Frequency Control): For Individual Needs
- Cycle Function: For Automatic Game Breaks







# BUTTERFLY APPAREL



## NELOFY SHOULDER

NEW!

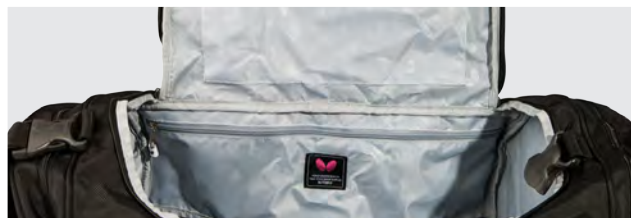
- Looks Great in Daily Use for all Documents, Laptops and Other Training-Related Material
- Bottle Compartment and Two Zip Lock Outer Pockets



## NELOFY DUFFLE

NEW!

- Clever and Flexible Duffel Bag for Table Tennis and Fitness Training
- Foldable Design Ensures the Best Mobility
- Interior Provides Enough Space for the Equipment



## NELOFY SPORT

NEW!

- Makes a Brilliant Appearance Anywhere with its Fresh Design
- Adjustable Straps, Wet Bag Included
- Provides More than Enough Interior and Exterior Space for Daily Training





## NELOFY MAXI NEW!

- Maximum Space for Extended Trips and Big Tournaments
- More than Spacious Main Compartment Provides Space for All Necessary Equipment



## NELOFY TROLLEY NEW!

- Perfect Carry-On Companion for Short Trips
- Large Main Compartment with Ample Storage Space and Outer Pockets
- Durable In-Line Skate Style Wheels



## NELOFY RUCKSACK NEW!

- Sporty Companion for Daily Use
- Featuring Spacious and Clever Interior Design
- Zip Lock Outer Pocket and Two Additional Side Pockets





# TEXTILE MATERIAL

## AMERICAN TERRY

Mixture between Polyester and cotton, featuring lightness and a soft and comfortable wear. The refined processing reduces environmental stress and makes the material more durable. It's highly elastic, while firm in form.

## COOL DRY LYCRA

The elastin fiber is extremely flexible and adaptive, providing wrinkle-free and stable fit with increased longevity. Cool Dry Lycra is easy to care, quick-drying, bleach resistant and breathable. It is commonly used in combination with other materials to increase the overall stability and flexibility.

## HONEYCOMB DRY FIT

The material resembles Micro Dry Fit in composition with an even softer touch, making Honeycomb one of the most successful micro fiber in sportswear. Its comb-like structure provides better moisture transport and increased durability.

## DIMPLE DRY FIT

The high quality, 100% anti allergenic Polyester mixture provides a comfortable and skin-friendly touch. The pronounced flexibility makes Dimple Dry Fit material perfectly suited for Sports and leisure. The material is quick-drying and moisture absorbent.

## MICRO DRY FIT

Was developed especially to keep the skin dry during sports activities. The interwoven twin-components is made from 100% Polyester and consists of two different surface materials. The inner lining absorbs moisture and transports it towards the outer material. The outer material is breathable and flexible, making it easy to wear and soft to touch. Polyester in general is very suitable for sports activities. Its quick-drying, durable and stable in form. It's also remarkably light, 10.000m of polyester string weighs less than 1 gram. Interesting in particular are polyester mixtures, for example combined with cotton. It unites the advantages of all materials, skin-friendly cotton, flexible elastin and moisture-absorbent polyester.

## BONDED FLEECE

The twin-layered Composition of Polyester stretch with a warming inner fleece lining and a robust and flexible, yet water- and wind proof surface is suited perfectly for cold and windy days outdoors.

## NEW DOBBY COATED

This material protects against water and wind. Its structure enables the transfer of body moisture towards the outer layers, keeping the body comfortably dry.

## PLAIN MICRO

A water-resistant, wind proof and lightweight material. The fiber consists of 3 layers: an outer micro fiber, a membrane and an inner mesh lining, protecting the membrane. Butterfly Textiles made from Plain Micro Polyester are comfortable with a fresh, shiny appearance.



SIZES S-2XL



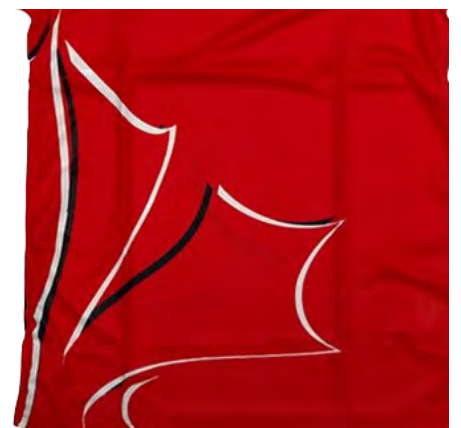
## CANADA TEAM SHIRT

NEW!



MICRO DRY FIT

- Made of Lightweight 100% Micro Polyester
- Official Shirt of 2015-2016 Canadian National Team
- Stylish and Sporty T-Shirt Design with V-Neck
- Colors: black, red





SIZES 2XS-4XL



### COZY SHIRT

NEW!

HONEYCOMB



- Made of 100% Honey Comb Polyester
- All-Around Shirt, for Sports and Leisure Activity
- Appealing, Easy to Wear and Comfortable
- Skin Friendly, Ease to Care Materia
- Colors: navy, blue, green

SIZES 2XS-4XL



### KUMA SHIRT

NEW!

HONEYCOMB



- Made of 100% Honey Comb Polyester
- Exciting Design, High Functionality, Attractive Colors
- Skin Friendly, Flexible Material
- Comfortable Fit
- Colors: black, anthracite, navy

SIZES XS-XL



### NASH LADY SHIRT

NEW!

DIMPLE DRY FIT



- Dimple Dry Fit, 100% Polyester
- Tapered, Feminine Cut, Altered Collar Design, Shorter Sleeves
- Skin Friendly, Flexible Material
- Comfortable Fit
- Colors: red, blue

SIZES 2XS-4XL



### NASH SHIRT

NEW!

DIMPLE DRY FIT



- Dimple Dry Fit, 100% Polyester
- Sporty Elegance, Underlined by the Subtle Zipper
- Super Functionality in Moisture Absortion
- Skin Friendly, Flexible Material
- Colors: blue, orange, green, red

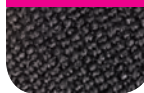
SIZES XS-XL



### MIRA LADY SHIRT

NEW!

COOL DRY LYCRA



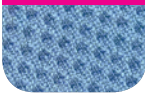
- Made of Cool Dry Lycra, 100% Polyester
- Tapered, Feminine Cut, Altered Collar Design, Shorter Sleeves
- Feminine with a Sporty Touch
- Skin Friendly, Light Material
- Colors: dark pink, green, anthracite

SIZES XS-4XL



### TOYO SHIRT

HONEYCOMB



- Made of 100% Honey Comb Polyester, Highly Elastic and Breathable
- Outstanding Design Featuring Attractive and Sporty Coloring
- Skin Friendly, Flexible Material
- Colors: blue, black, red

SIZES XS-4XL



### KANO SHIRT

DIMPLE DRY FIT



- Micro Dry Fit and Dimple Dry Fit, 100% Polyester
- Sporty and Dynamic Look, Completed by Skin Friendly Microfiber

MICRO DRY FIT



- Breathable Material, Excellent Moisture Absorption
- Colors: anthracite, red, blue

SIZES XS-XL



### KANO LADY SHIRT

DIMPLE DRY FIT



- Microfit and Dimple Dry Fit, 100% Polyester
- Tapered Cut Accentuates Dynamic Feminine Design
- Breathable Material, Excellent Moisture Absorption

MICRO DRY FIT



- Colors: anthracite, red, magenta

SIZES XS-4XL



### XERO SHIRT

MICRO DRY FIT



- Made of Micro Dry Fit 100% Polyester
- Simple and Elegant
- Attractively Priced; Ideal Club or Team Shirt
- Breathable Material, Excellent Moisture Absorption
- Colors: yellow, blue, red, green





SIZES 2XS-4XL



## AINO T-SHIRT

NEW!

MICRO DRY FIT



- Made of Micro Dry-Fit, 100% Polyester
- Quick Drying, Moisture Wicking Material
- Ribbed Neck with Off Colored Shoulder Matching Front Logo
- Training Companion for Old and Young
- Colors: black, anthracite, green, red

SIZES 2XS-XL



## AINO LADY T-SHIRT

NEW!

MICRO DRY FIT



- Made of Micro Dry-Fit, 100% Polyester
- Quick Drying, Moisture Wicking Material
- Feminine Tapered Fit, Shorter Arms, and Bigger Collar
- Colors: dark pink, anthracite

SIZES XS-4XL



## APEGO SHORTS

DIMPLE DRY FIT



- Made of Dimple Dry Fit, 100% Polyester
- Solid Front and Back Color with White Accent on Right Leg
- Elastic Waistband with Drawstring

SIZES XS-4XL

- Colors: anthracite, navy, black



SIZES 2XS-4XL



## NASH SHORTS

NEW!

DIMPLE DRY FIT



- Made of Dimple Dry Fit, 100% Polyester
- Longer Legs Cut and Elastic Material Composite Guarantees a Perfect Fit
- Two Zippered Pockets and Elastic Waistband

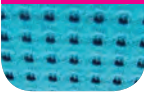
SIZES 2XS-2XL

- Colors: black/blue, black/red



## TESHIO SHORTS

DIMPLE DRY FIT



- Made of plain Micro, 100% Polyester
- Solid Front with Accent Color on Right Piping, Hip and Upper Rear
- Elastic Waistband with Drawstring
- Colors: anthracite/blue, anthrcite/red

SIZES 2XS-3XL



## TAKUMI SKIRT

COOL DRY LYRCA



- Made of Cool Dry Lycra, 100% Polyester
- Elegant and Comfortable Sports Skirt
- Stretchable Fabric for Unrestricted Movement
- Colors: black, anthracite, navy

## CHI SHORTS

MICRO DRY FIT



- Made of Micro Dry-Fit, 100% Polyester
- Lightweight and Comfortable
- Medium-Long Length for Active Play
- Colors: black, navy



SIZES 2XS-4XL



SIZES 2XS-XL



SIZES 2XS-4XL



### NASH TRACKSUIT **NEW!**

- Made of Poly Terry, 100% Polyester
- Timeless Design, with Useful Details
- Soft Material for Comfortable Feeling
- Sporty Cut for Perfect Fit
- Jacket Colors: black, blue
- Pants Color: black

### MIRA LADY TRACKSUIT **NEW!**

- Made of Jacquare Stripe Mesh, 100% Polyester
- Subtle, but Beautiful Details
- Perfect Fit of Pants and Jacket, as Well as High Comfort
- Jacket Color: dark pink
- Pants Color: anthracite

### KUMA TRACKSUIT **NEW!**



- Made of Dry Dimple Fit, 100% Polyester
- Dynamic Design Underlines Sporty Ambitions
- Round Up of Useful Details Make the Perfect Combination
- Colors: anthracite, navy

SIZES S-XL



SIZES S-XL



SIZES 2XS-4XL



### COZY HOODY **NEW!**

AMERICAN TERRY

- Made of American Terry, 80% Cotton, 20% Terry
- Special Cotton Mixture Guarantees Comfortable Fit, Stable Cut
- Stylish and Cozy for Any Leisure Activity
- Colors: black, navy, anthracite

### COZY PANTS **NEW!**

AMERICAN TERRY

- Made of American Terry, 80% Cotton, 20% Terry
- Special Cotton Mixture Guarantees Comfortable Fit, Stable Cut
- Stylish and Cozy for Any Leisure Activity
- Colors: navy, anthracite, black

### FORCE SWEATSHIRT

- Made of 100% Polyester
- Comfortable Sweatshirt for the Fall Months
- Fleece Inner Lining with Zipper Front
- Elastic Black with White Strips Bottom and Cuff Ends
- Colors: red, blue



SIZES XS-4XL



### KANO TRACKSUIT

- Made of Plain Micro, 100% Polyester
- Impressive Appearance, Dynamic and Sporty Design
- Lightweight Design
- Colors: blue, red

SIZES XS-4XL



### XERO TRACKSUIT

- Talsan, 100% Polyester
- Attractive and Neutral Look
- Lightweight Material and Comfortable
- Jacket Color: white
- Pants Color: black

SIZES XS-4XL



### TOYO TRACKSUIT

**DIMPLE DRY FIT**



- Dry Dimple Fit, 100% Polyester
- Block Design, Sporty Appearance
- Elastic Material Provides Improved Movement for Easy Wear
- Pants Have Zippered Pockets and Long Zippered Legs
- Colors: blue, black

SIZES 4XS-4XL



### PASSO TRACKSUIT

- Vibrant Light Blue with Contrasting White Zipper
- Comfortable and Lightweight Moisture Wicking Fabric Made of 100% Polyester
- Both Jacket and Pants Have High Quality Metal Zippers
- Jacket Color: blue
- Pants Color: black



# SHOE MATRIX



SIZES 5-10.5



## LEZOLINE ZERO

- Provides Utmost Flexibility, Specifically Made for Table Tennis
- Lightness with Fantastic Grip and Stability
- Mesh Material Absorbs Moisture and Keeps Foot Dry And Comfortable
- Recommended for Light or Medium Weight Players
- Color: white

SIZES 4.5-11.5



## LEZOLINE TB

- Designed and Developed with Superstar Timo Boll
- Satisfies All Demands of Professional Table Tennis Player: Comfortable Fit, Additional Stability Shock Dampening, Breathable Material and Flexibility
- Exciting Design and Fresh Colors
- Colors: navy, sky

SIZES 4.5-11



## LEZOLINE SONIC

- Designed by Engineers to Meet Specific Demands of Table Tennis Movements
- Lightweight, Highly Flexible Table Tennis Shoe
- Perfect Cost Effectiveness
- Colors: green, pink, white, blue

**LEZOLINE  
TB**



**SIZES 4.5-5.5**



### 8001 SHOES

- Classic Shoes, Extremely Lightweight
- Canvas Body and High Friction Rubber Sole
- Color: white

**SIZES S-XL**



### INNERSOLES

- Provides Extra Cushion
- Provides Secure Feeling

**SIZES S-L**



### ACCEIL SOCKS

- Like Walking on Carpet!
- Simple Design in Four Colors
- Made of Cotton, Acrylic, Polyester, and Polyurethane
- Made in Japan
- Colors: black, navy, sky, red



### BL SHOE BAG

**NEW!**

- Perfect Place to Hide Your Sweaty Lezoline Shoes
- Solid Colors with New Butterfly Logo
- Drawstring Top
- Made of PVC Vinyl Material
- Colors: black/green, black/pink, blue/silver, blue/pink



### NON-SKID SPRAY

- Specially Formulated Spray Designed to Improve Traction
- To Be Applied Directly on the Sole of the Shoe





**COZY SHIRT**  
PG. 70



**KUMA SHIRT**  
PG. 70



**NASH LADY SHIRT**  
PG. 70



**NASH SHIRT**  
PG. 70



**MIRA LADY SHIRT**  
PG. 70



**TOYO SHIRT**  
PG. 71



**KANO SHIRT**  
PG. 71



**KANO LADY SHIRT**  
PG. 71



**XERO SHIRT**  
PG. 71



**AINO T-SHIRT**  
PG. 72



**AINO LADY T-SHIRT**  
PG. 72



**NASH SHORTS**  
PG. 73



**TESHIO SHORTS**  
PG. 73



**TAKUMI SKIRT**  
PG. 73



**CHI SHORTS**  
PG. 73



**APEGO SHORTS**  
PG. 73



**NASH TRACKSUIT**  
PG. 74



**MIRA LADY TRACKSUIT**  
PG. 74



**KUMA TRACKSUIT**  
PG. 74



**COZY HOODY**  
PG. 74

**COZY PANTS**  
PG. 74



**FORCE SWEATSHIRT**  
PG. 74



**KANO TRACKSUIT**  
PG. 75



**XERO TRACKSUIT**  
PG. 75



**TOYO TRACKSUIT**  
PG. 75



**PASSO TRACKSUIT**  
PG. 75





### TENERGY TOWEL

- Our Best Selling Rubber Series Now has its Own Towel
- Made of 100% Cotton
- Color: black/gray



### LOGO TOWEL

- Simple and Stylish Design with the All New Butterfly Logo
- Made of 100% Cotton
- Size: 70X140CM
- Colors: navy/green, black/sky, red/black



### NL HEADBAND

- One Size Fits All
- Cotton, Polyester, Acrylic, Nylon, and Polyurethane
- Colors: black/silver, sky/black, black/red, navy/pink



### NL WRISTBAND

- One Size Fits All
- Cotton, Polyester, Acrylic, Nylon, and Polyurethane
- Colors: sky, navy, black, red



### BTY BEANIE

- Perfect for the Winter Training Months
- Horizontal Grey; Black Stripe Design
- Comfortable Elastic Material
- One Size Fits All

# BUTTERFLY



## KEYHOLDER BUTTERFLY

**NEW!**

- Butterfly Logo on Front
- Butterfly Wing Logo on Reverse Side
- Colors: sky, orange, pink, green



## TENERGY KEYHOLDER

- Heavy Duty Keychain
- Tenergy Logo on the Front Side
- "Butterfly Living Table Tennis" on Reverse Side
- Tenergy - the 'Key' to Success



## KEYLACE

- Butterfly Logo Key Lace with Detachable Keyring



## MEDAL KEYHOLDER

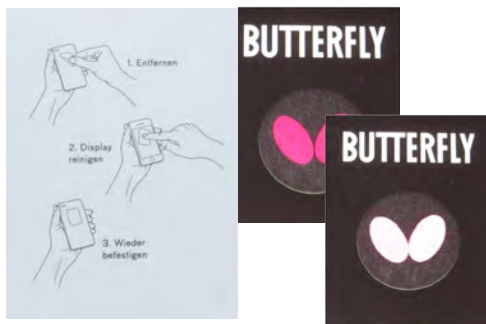
- Racket and Table Design
- Multi-functional Accessory That Can Attach to a Keychain or Any Zipper
- Makes a Great Souvenir



## SUPER MINI BAT

- Miniature Racket Design
- Comes with Red and Black Rubber and a Thin Layer of Sponge
- Includes Clasp for Easy Keychain Attachment





## STICKY CLEANER

- Microfiber Pad for Cleaning Touch Screens, Lint and Scratch Free
- Adhesive Reverse Side for Mounting on Device
- Butterfly Wing Logo Design in Magenta or White



## TENERGY WATER BOTTLE

- Perfect Match for Tenergy Towel
- Clear Side for Accurate Measurements
- Easy Grip Top with Large Hinged Cap
- Great for Everyday Use



## CHEER STICKS

- Make Some Noise!
- Cheer on Your Favorite Player with the Inflatable Cheer Sticks
- Comes with Two Sticks and Straw to Inflate



## NOTE BLOCK

- Keep Tabs on All Your Opponents
- Non-adhesive Post Notes
- Each Page has Butterfly Wing Logo



## CLASSIC PIN

- Attractive Lapel Pin
- Comes in a Small Jewelry Style Acrylic Box with Red Felt Base
- Butterfly Logo is Debossed in Gold with Blue Background and Gold Trim



## BOTTLE OPENER

- Aluminum Bottle Opener Keychain
- Designed for Opening Your Favorite Bottled Beverage
- Metal Split Ring Comes Attached



## PATCHES

- Butterfly Winged Patch & Butterfly Classic Patch
- Can be sewn or ironed on



## PENS

- Black Pen with White "BUTTERFLY" Printed on it, Blue Ink

# TYCE HIGH SPEED

COMING SOON!



## HIGH TENSION



14.5

SPEED



10.3

SPIN



35

HARDNESS



1.9,  
2.1



IN





**BUTTERFLY**