

TECHNOLOGY

2010



Living Table Tennis



TIMO BOLL BLADE SERIES



ZL CARBON
Speed: 9.8
Control: 7.8
Feel: Hard

TIMO BOLL ZLC



ZL FIBER
Speed: 9.0
Control: 8.0
Feel: Medium

TIMO BOLL ZLF



TIMO T5000
Speed: 10.0
Control: 7.0
Feel: Hard

TIMO BOLL T5000



Airplace CARBON
Speed: 8.5
Control: 8.0
Feel: Medium

TIMO BOLL ALC



7-PLY WOODS
Speed: 8.6
Control: 7.4
Feel: Hard

TIMO BOLL W7



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NEW

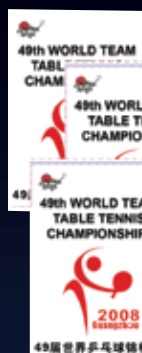
2009 World Table Tennis Championships

NEW



See the Greatest Matches in the Greatest Event
World Table Tennis Championships
Experience the event on DVD!
29 Matches, 10 DVDs
(Men's Singles - 8 DVDs & Women's Singles - 2 DVDs)
Wide-screen format video, high quality picture and production, scores displayed throughout all matches, 2 Hours per DVD.

Through Round 4: Court level camera angle delivers the action from a player's perspective
Quarters through Finals: Multi-camera production with optional commentary (english)



DVD

2008 World Table Tennis Championships

DVD A: 150min. Men's Team quarter-finals:
CZECH REPUBLIC vs CHINA
ROMANIA vs HONG KONG
DVD B: 180 min. Men's Team quarter-finals continued:
JAPAN vs CHINESE TAIPEI
KOREA vs GERMANY
DVD C: 180 min. Men's Team Semi-Finals:
HONG KONG vs CHINA
KOREA vs JAPAN
DVD D: 180 min. Women's Team Final:
CHINA vs SINGAPORE
Men's Team Final:
KOREA vs CHINA



DVD

2006 World Team Table Tennis Championships

A: Quarter Finals
B: Quarter Finals (continued), Semi-Finals
C: Semi-Finals (continued), Finals

Available in a 3 Disc Set



DVD

2005 World Table Tennis Championships

A: Men's Singles Round 2, Round 3. 185 min.
B: Men's Singles: Round 3, Round 4 183 min.
C: Men's Singles Round 4, Men's Doubles Semi-Finals
Men's Doubles Final, Men's Singles Quarter-Finals. 204 min.
D: Men's Singles: Quarter-Finals, Semi-Finals, Final. 204 min.

Available in a 4 Disc Set



DVD

Table Tennis Beyond Imagination

1985-2000 The Best Players! Shots! Finishes! The Top 40 Points!
The must-have ultimate highlight DVD, featuring the best of the best from over 500 hours of footage of International world-class competition...1985-2000!
You must see it to believe it!

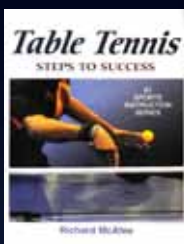


DVD

NEW

Textbook Table Tennis

Brian Pace (USATT Certified National Coach), reveals the details of his training system in the New "Textbook Table Tennis" Instructional DVD. This video is designed to build your table tennis game through systematic component-based training. This approach will maximize your training time, as well as allowing you to improve on a steep incline.



NEW

Table Tennis: Steps to Success

Table Tennis: Steps to Success book combines the knowledge and experience of master instructor Richard McAfee with essential table tennis techniques and strategies for today's player. 208 pgs.



DVD

2007 World Table Tennis Championships

8 DVD Set (Men's Singles Round 1-Finals)
4 DVD Set (Women's Singles Round 3-Finals)
2 DVD Set (Men's Doubles Round 3-Finals)



DVD

Pro Table Tennis Serves

This DVD video has captured the serves of some of the best players in the world during practice and presents them in this program with a clarity that shows each detail in their movement and reveals the secrets of the contact.



DVD

Complete Table Tennis

The "Complete Table Tennis" DVD Video by Dan Seemiller and Mark Nordby.



Modern Table Tennis 101

Modern Table Tennis 101 DVD covers the basic strokes shown from three separate angles with video clips. 3D graphics illustrate contact points and timing. Strokes are featured showing clips of top players.

DVD

Modern Table Tennis 102

Modern Table Tennis 102 DVD covers more of the basic strokes shown from three separate angles with video clips. 3D graphics illustrate contact points and timing. Strokes are featured showing clips of top players.



DVD



DVD

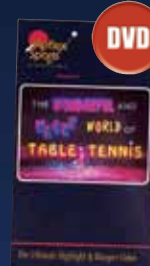
World Class Strokes

Watch some of the world's best players at work. Observe their strokes close up and personal. This video shows them at practice and allows a clean analysis of their technique. This is the footage used in the time lapse picture series articles in the USATT Magazine.

The Wonderful and Wacky World of Table Tennis

DVD - A collection of incredible and humorous video moments of world-class competition from 1985 to 1990
You'll see:

- loopers and bloopers
- smashing and crashing,
- chopping and flopping,
- all-out attacking
- and hilarious hacking!!



DVD

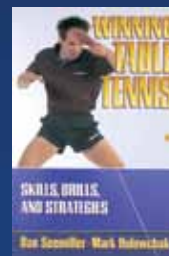
Table Tennis Steps to Success

"Steps to Success" is in Butterfly's library of instructional books. This is Larry Hodge's instructional book that thoroughly covers all the basic shots needed to be a good player. 151 pages.



Winning Table Tennis

"Winning Table Tennis" is another of Butterfly's instructional books. This one is by 5-time U.S. Champion, Dan Seemiller. Best suited for serious recreational and tournament players. 177 pages.



INTERNATIONAL RACKET SERIES

SELECT YOUR STYLE

Butterfly's International Series of Rackets is a complete line of pre-assembled rackets for the serious recreational player. Whether you just want a reasonably priced racket for home play or are looking for your first serious sponge racket for competitive play, you will find real value and World Renowned Butterfly Quality, in the International Series. It will also help simplify the buying process as the rubber is already assembled to the racket, so there is no need to spend time studying the blade and rubber charts finding the right racket and rubber combination. Our Butterfly pre-assembled paddles are ideal for intermediate recreational players, the player trying a sponge racket for the first time or as inexpensive rackets for the kids. One thing to keep in mind when ordering a Butterfly pre-assembled paddle is that the rubber is not meant to be removed from the paddle. When the rubber needs to be replaced, it's time to toss the old racket and buy a new one.

If you prefer, you can pick the blade and rubber combination that is best suited to your unique style of play. This is known as a custom-made racket (CMR). You can follow the easy steps on our "Selecting a Custom Made Racket (CMR)" on page 6 and we will walk you right through the selection process. Our expert staff will assemble the racket for you free of charge.



FOAM CORE TECHNOLOGY (FCT)

Racket Handle Cross-Section: Foam Core Technology removes weight from the handle, pushing the balance forward to the racket head, thus enlarging the sweet spot.



KODO

Kodo rackets are excellent for all-rounders who play close-to-the-table or at mid-distances. The 2.0 mm sponge's "trampoline effect" provides power needed for executing "loops" or "counters" while back from the table.

| | | | | |
|-----|-----|------|-----|--------|
| 75 | 85 | 85 | 245 | FLARED |
| SPD | SPN | CTRL | PWR | HANDLE |



KYOSHI

Designed for the control player who uses a variety of backspin and topspin shots.

| | | | | |
|-----|-----|------|-----|--------|
| 80 | 70 | 90 | 240 | FLARED |
| SPD | SPN | CTRL | PWR | HANDLE |



SENSHU

Tournament quality racket that can generate the spin and speed needed to compete at the tournament/club level.

| | | | | |
|-----|-----|------|-----|--------|
| 100 | 100 | 75 | 275 | FLARED |
| SPD | SPN | CTRL | PWR | HANDLE |



KENJI

Kenji paddles are suited for the offensive player using a variety of heavy spin and power shots.

| | | | | |
|-----|-----|------|-----|-----------------|
| 95 | 90 | 80 | 265 | FLARED STRAIGHT |
| SPD | SPN | CTRL | PWR | HANDLE |



NAIFU

Intermediate level racket ideal for those who are beginning to develop their game for competition. Emphasis of this spongerubber is on control.

| | | | | |
|-----|-----|------|-----|--------|
| 50 | 50 | 80 | 180 | FLARED |
| SPD | SPN | CTRL | PWR | HANDLE |



SHIKATA

With slightly more speed than the Kodo model, the Shikata is for the all-around player who likes to mix in powerful "drives" or "smashes" when the opportunity arises.

| | | | | |
|-----|-----|------|-----|------------|
| 90 | 85 | 85 | 260 | ANATOMICAL |
| SPD | SPN | CTRL | PWR | HANDLE |



TENSAI

Designed for close-to-the-table players preferring a consistent game that incorporates controlled pushes (backspin shots) and/or counter-drives (slight topspin shots).

| | | | | |
|-----|-----|------|-----|----------|
| 60 | 60 | 90 | 210 | STRAIGHT |
| SPD | SPN | CTRL | PWR | HANDLE |



SATORI (CP)

Tournament quality Chinese style penhold hold blade excellent spin and quick-quick attack play at table.

| | | | | |
|-----|-----|------|-----|-----------------|
| 100 | 90 | 60 | 250 | CHINESE PENHOLD |
| SPD | SPN | CTRL | PWR | HANDLE |



TASHIKA (CP)

Intermediate penhold racket suited for close-to-the-table Chinese control and attack play.

| | | | | |
|-----|-----|------|-----|-----------------|
| 60 | 70 | 90 | 220 | CHINESE PENHOLD |
| SPD | SPN | CTRL | PWR | HANDLE |



SHIDO (JP)

High control racket suited for Japanese style penhold play. Excellent for all round play from all distances.

| | | | | |
|-----|-----|------|-----|------------------|
| 60 | 60 | 90 | 210 | JAPANESE PENHOLD |
| SPD | SPN | CTRL | PWR | HANDLE |



KANSEI (JP)

Japanese style penhold blade suited for quick attack and control play at table. Higher quality cork than used for the Shido. Semi-circular cork layer on back for comfortable support.

| | | | | |
|-----|-----|------|-----|------------------|
| 60 | 60 | 90 | 210 | JAPANESE PENHOLD |
| SPD | SPN | CTRL | PWR | HANDLE |

BLADES: CUSTOM MADE RACKETS (CMR)

Our own professional staff has prepared this guide to assist you in this selection process. Please take the time to read the steps below, and you will be able to select a professional quality racket that will help you get the most out of your game. Above all, if you have any questions, please feel free to contact us for assistance.

SELECT YOUR STYLE

Different player styles require very different blade and rubber surfaces to maximize effectiveness. Look through the eight descriptions below, and select the one that best represents your individual style.

1. PIPS-OUT ATTACKER - Pips-out attackers generally stand within three feet of the table. The contact point on all strokes is as early as possible, top of the bounce, or on the rise. This is a forehand-dominated style with the player exhibiting a strong, quick pivot move to use the forehand from the backhand side. The success of this style is based on speed, not spin, thus pips-out rubber is ideal.

2. POWER LOOPER - This is a forehand-dominated style featuring a strong, point winning forehand loop stroke. Players of this style end each point as quickly as possible. They will use a backhand loop to open a point, but then step-a-round and use their forehand loop to end the point.

3. ALL-ROUND ATTACKER - This athlete typically exhibits a wide variety of attacking strokes executed with almost equal strength from both sides, and the ability to adapt his game to attack the opponent's weaknesses. Players of this style can produce topspin attacking shots from any position or distance from the table.

4. COUNTER DRIVER - Often referred to as "walls," this style plays close to the table. Using forehand and backhand counter-drives and blocks, this style seeks to force their opponents into making errors.

5. MID-DISTANCE AGGRESSIVE LOOPER - This style prefers to stay within six to eight feet of the table. Their longer topspin strokes carry considerable power and spin, from either the forehand or backhand.

6. ATTACKING CHOPPER - This style can best be thought of as an attacker who uses underspin to set up their attacking shots. Players of this style most often use two different racket surfaces and will flip the racket to produce great variation in their defense and their attack.

7. CLOSE-TO-THE-TABLE DEFENDER - This style is built around a chop/blocking game executed from close to the table. Players of this style use underspin blocks to force weak topspin shots from their opponents. They will then attack the weak topspin with a well placed drive or loop.

8. DEVELOPING PLAYER - This person has not yet played long enough to develop a set style. However, he/she wishes to purchase a Professional Quality Racket to give him/her the best opportunity to advance. We recommend starting out with a medium speed blade and a mid-level rubber. This combination will allow you to learn any style. The rubber can be upgraded in the future as necessary.

Blade Classifications

Butterfly groups each of their blades into one of seven different categories. These categories are an easy way to determine if the blade is right for your style of play.

SHAKEHAND PLAYING STYLES

OFF+

For all out offensive play without compromise.

OFF

For direct offensive play with much spin, speed & power.

OFF-

For medium offensive play with much spin, speed & power.

ALL+

For offensive all around play with topspin shots of variable spin.

ALL

For all around players who mix attack & control shots.

ALL-

For all around players who emphasize control & consistency from all distances.

DEF

For traditional defense with emphasis on the chop from far distances.

PENHOLD PLAYING STYLES

FAST ATTACK - Played close to the table with relentless, all out attacking shots taken mostly at the top of the bounce. Choice of rubber: inverted, for more top spin options, or pips-out, for quicker returns.

DRIVE PEN - Played more at middle distances, this style relies on good footwork and a powerful forehand loop. Inverted rubber is best suited for producing robust spin and speed.

Feel of the Blade

The game of table tennis is very much a game of feel and each wood type has its own unique feel that is inherent to the wood. Therefore, we have provided you with this vital piece of information. The "feel" is measured by the amount of response or sensation the racket provides at the point of impact.

HARD

A racket with a 'HARD' feel will not offer much response. A 'hard' feel is great for hitters and power play.

MED

A 'MEDIUM' feel will have a noticeable response. A 'medium' feel is the most prevalent and offers the best of both worlds. It is suited for all styles of play.

SOFT

A 'SOFT' feel will have the most response from a performance standpoint. A 'soft' feel is great for blocking and generating better spin, as the ball remains on the racket longer.

BLADE FEEL

HARD

MED

SOFT

Select your Blade and Rubber Class

After many years of helping players at all levels select the proper equipment for their game, we have developed this chart to match your style with the recommended blade/rubber combinations.

| STYLE | BLADE CLASS | RUBBER CLASS |
|--------------------------------|-------------|------------------------|
| Pips-out Attacker | OFF, OFF+ | Pips-out |
| Power Looper | OFF, OFF+ | Super Speed |
| All-Round Attacker | OFF, OFF+ | Super Speed, All Round |
| Counter Driver | OFF, OFF+ | All Round |
| Mid-Distance Aggressive Looper | OFF, OFF+ | All Round, Super Spin |
| Attacking Chopper | DEF | Pips-out, Specialty |
| Close-to-the-Table Defender | DEF | All Round, Pips-out |
| Developing Player | ALL, ALL- | All Round |

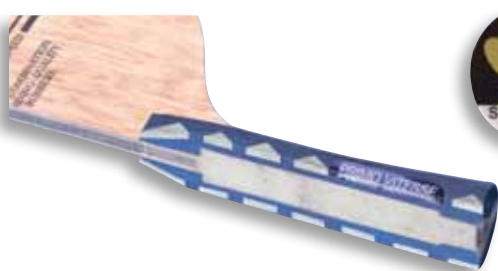
BLADES: CUSTOM MADE RACKETS (CMR) & FAQ's

Speed of the Blade

Many different woods are used in modern blade construction. Each wood type has its own unique characteristics that affect the feel and speed of the blade. The speed rating of a racket indicates the integrated pace of the ball relative to other rackets in our line.

What Is Super Core Technology?

Super Core blades feature foam core handles that absorb vibration on impact. This design also shifts weight from the handle of the blade, to the head, effectively enlarging the sweet spot and adding more power to every stroke.



What Handle Style Should I Choose?

Many blades are available in different handle styles. Penhold blades are available in 2 different styles: Chinese penhold and Japanese penhold.

The Shakehand models are:

(AN) - Second most popular style. An (AN) handle is tapered at the neck and is broader in the middle. The area between the base and middle is slightly concave.

(FL) - The most popular style. A (FL) handle is wide at the base and is concave in the center.

(ST) - The (ST) handle has no deviation in it. It is uniform from neck to base.

The Penhold models are:

(CS) - Chinese Penhold handles are very similar to a conical shaped shakehand blade with a shorter handle.

(JP) - Japanese Penhold handles are long and narrow. They feature a block of cork on top of the handle for a surer and more comfortable grip. Almost all feature a thin layer of cork on the backside.

Traditionally, most players from Asia hold the racket as if they were writing with a pen, hence the name, "penhold".

Penhold racket construction is slightly different than a shakehand racket in the following ways:

1. It features rubber on only one side of the racket as a penhold player will traditionally use the same side of the racket to execute both a forehand as well as a backhand shot. Having rubber on only one side of the racket significantly reduces the weight of the racket
2. There is a gap above the handle where the fingers rest offering a more comfortable grip
3. The racket head is slightly wider and/or elongated compared to the head of a shakehand racket offering an even weight distribution



(AN)



(FL)



(ST)



(CS)

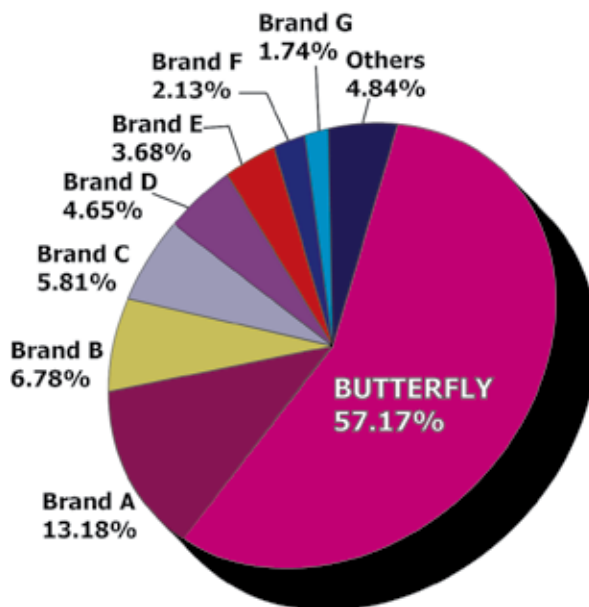


(JP)

Control of the Blade

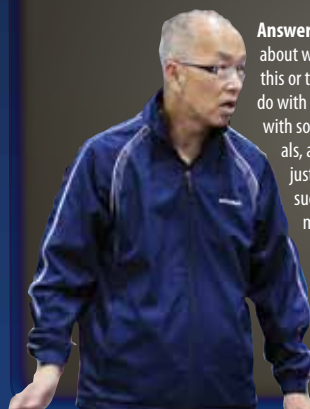
The amount of control a blade has cannot be measured. It is different for each individual. Your level of control is proportional to the amount of time you spend practicing. The more you play, the more control you will have. To help you choose, we have rated each blade's level of control in relation to its speed. Generally, the faster the blade, the more difficult it will be to control.

Blade Shares at the 2009 World Table Tennis Championships Survey quote: 97.4% of all participants



ASK THE EXPERTS...

Question: What ply would you recommend for an attacking player which also provides controlled play for heavy topspin attacks and blocking.

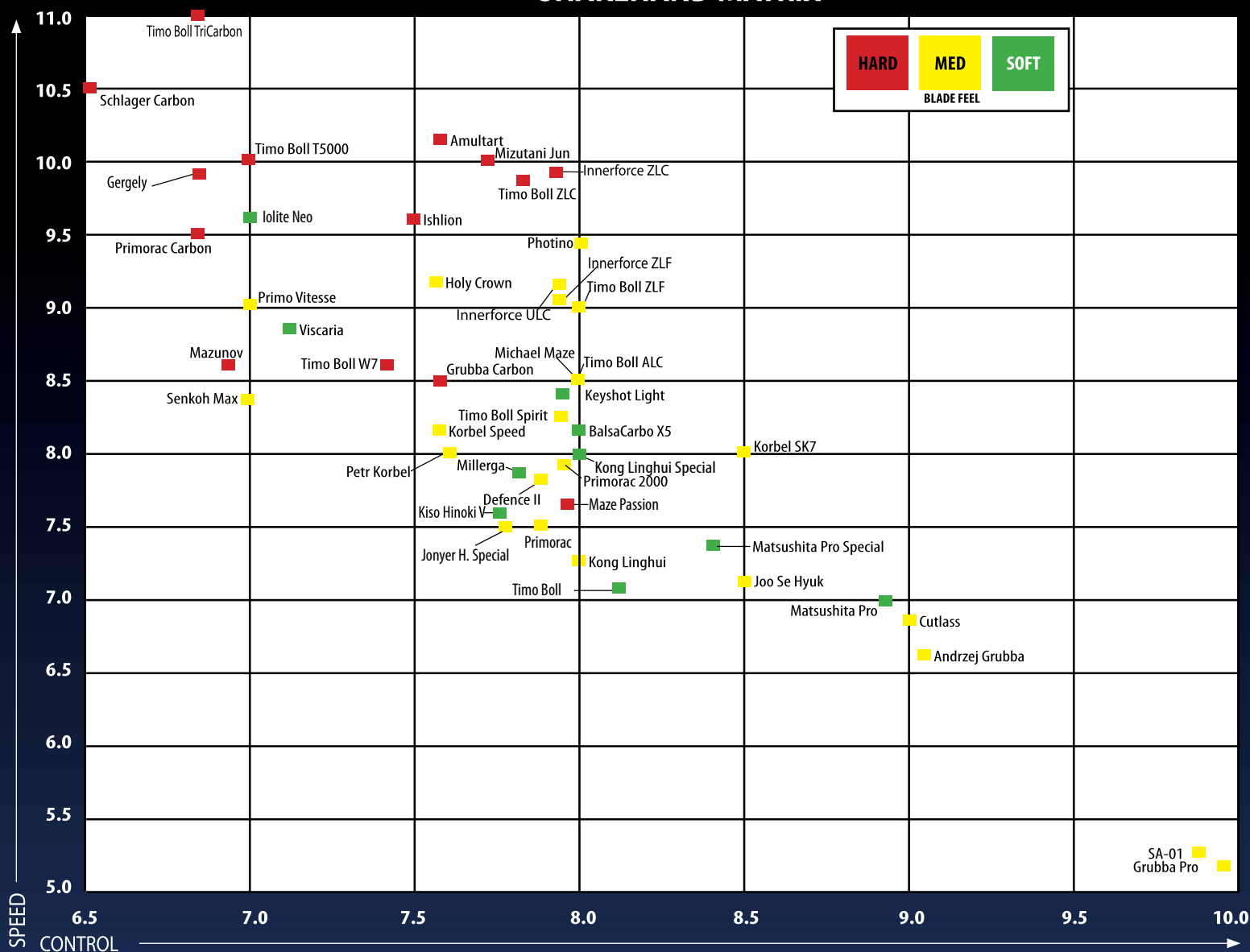


Answer: In this era of high tech developments, my suggestions about what blades to select is not about how many plies I want for this or that, because today, number of plies in a blade have little to do with speed, control and feel. Depending on how it is constructed with so many types of wood and with various carbon fiber materials, any ply blade can be fast or slow with many variables, not just speed, control and feel, but also personal preference such as the thickness or weight of the blade. Add to this mix, multitude of rubbers to choose from to compliment your level and style of play.

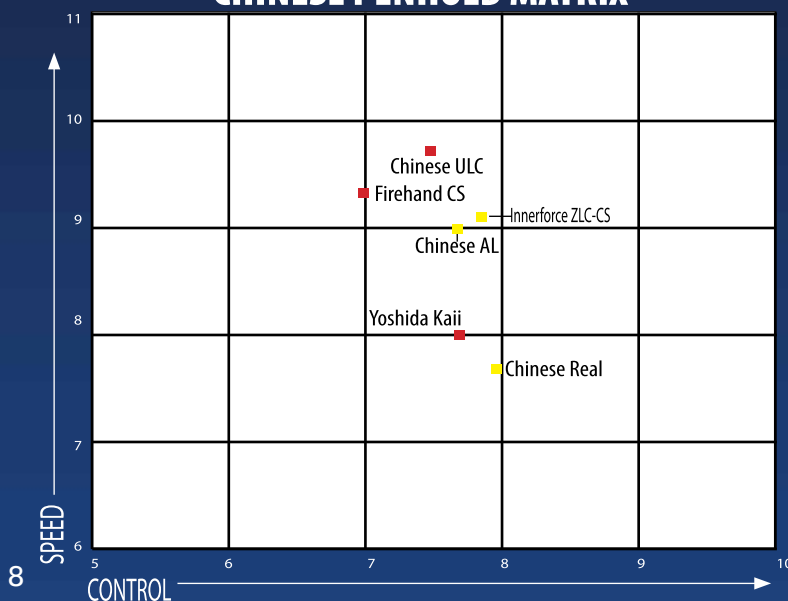
Masaaki Tajima, U.S. Certified National Coach

SHAKEHAND & PENHOLD BLADE MATRIX

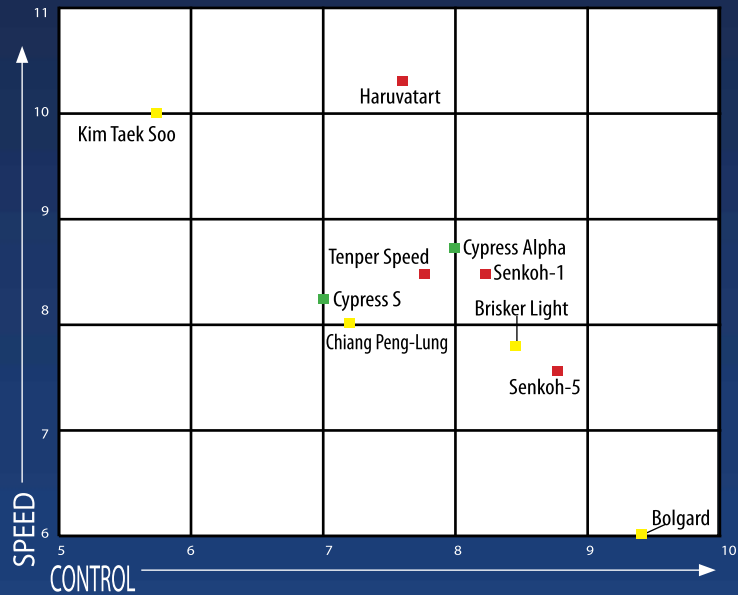
SHAKEHAND MATRIX



CHINESE PENHOLD MATRIX



JAPANESE PENHOLD MATRIX



Shakehand Blades

| BLADE | CLASS | SPEED | CONTROL | FEEL | PLIES | WEIGHT ~(grams) | BLADE DIMENSIONS(mm) | | BLADE HEAD THICKNESS(mm) | HANDLE | | |
|------------------------|-------|-------|---------|------|------------|--------------------|----------------------|-----|--------------------------|----------|----------|----------|
| | | | | | | | h | w | | AN | FL | ST |
| Andrzej Grubba | ALL+ | 6.6 | 9.1 | MED | 5W | 83 | 158 | 150 | 5.1 | 102 x 25 | 102 x 23 | X |
| Amultart | OFF+ | 10.2 | 7.6 | HARD | 3W + 2 ZLC | 88 | 157 | 150 | 7.1 | X | 100 x 25 | X |
| BalsaCarbo X5 | OFF | 8.2 | 8.0 | MED | 3W + 2C | 83 | 158 | 150 | 5.1 | 103 x 25 | 102 x 23 | 100 x 22 |
| Gergely | OFF+ | 9.9 | 6.8 | HARD | 3W + 2C | 93 | 161 | 152 | 6.4 | X | 100 x 23 | X |
| Cutlass | DEF | 6.9 | 9.0 | MED | 5W | 89 | 166 | 155 | 4.9 | X | 100 x 24 | X |
| Defence II | DEF | 7.7 | 7.9 | MED | 3W | 96 | 166 | 155 | 6.4 | X | X | 100 x 23 |
| Gergely | OFF+ | 9.9 | 6.8 | HARD | 3W + 2C | 90 | 154 | 148 | 6.9 | X | 100 x 25 | X |
| Grubba Carbon | ALL+ | 8.5 | 7.6 | HARD | 3W + 2C | 90 | 158 | 151 | 4.9 | X | 100 x 24 | X |
| Grubba Pro | ALL- | 5.2 | 9.9 | MED | 5W | 85 | 164 | 156 | 4.8 | 102 x 23 | 102 x 21 | X |
| Holy Crown | OFF | 9.2 | 7.6 | MED | 3W + 2ULC | 86 | 157 | 150 | 5.6 | X | 100 x 24 | X |
| Iolite Neo | OFF+ | 9.6 | 7.0 | SOFT | 3W + 2A/C | 82 | 157 | 150 | 7.2 | X | 100 x 21 | X |
| Ishlion | OFF+ | 9.6 | 7.5 | HARD | 3W + ULC | 76 | 157 | 150 | 6.5 | X | 100 x 24 | X |
| Innerforce ULC | OFF | 9.2 | 7.9 | MED | 3W + 2 ZLF | 86 | 158 | 152 | 5.6 | X | 100 x 24 | X |
| Innerforce ZLC | OFF | 9.9 | 7.8 | HARD | 3W + 2 ZLC | 88 | 158 | 152 | 5.7 | X | 100 x 24 | X |
| Innerforce ZLF | OFF | 9.1 | 7.9 | MED | 3W + 2 ZLF | 86 | 158 | 152 | 5.6 | X | 100 x 24 | X |
| Joo Se Hyuk | DEF | 7.2 | 8.5 | HARD | 5W | 100 | 165 | 152 | 5.9 | X | X | 100 x 23 |
| Joyner H. Special | OFF | 7.5 | 7.7 | MED | 5W | 80 | 153 | 152 | 5.3 | x | 100 x 23 | x |
| Keyshot Light | OFF | 8.4 | 7.9 | SOFT | 3W + 2A | 89 | 157 | 150 | 6.9 | X | 100 x 25 | 100 x 23 |
| Kiso Hinoki V | OFF | 7.7 | 7.6 | SOFT | 5W | 78 | 157 | 150 | 6.6 | X | 100 x 25 | X |
| Kong Linghui | OFF- | 7.3 | 8.0 | MED | 5W | 88 | 154 | 148 | 5.4 | X | 102 x 23 | X |
| Kong Linghui Special | OFF+ | 8.0 | 8.0 | SOFT | 3W + 2A/C | 81 | 157 | 150 | 6.5 | X | 100 x 24 | X |
| Korbel SK7 | OFF | 8.0 | 8.5 | MED | 7W | 95 | 157 | 150 | 6.7 | X | 100 x 23 | X |
| Korbel Speed | OFF | 8.2 | 7.6 | MED | 5W | 82 | 158 | 152 | 5.6 | X | 100 x 24 | 100 x 22 |
| Matsushita Pro | DEF | 7.0 | 8.8 | SOFT | 5W | 90 | 166 | 155 | 5.5 | X | X | 95 x 24 |
| Matsushita Pro Special | DEF | 7.4 | 8.4 | SOFT | 3W + 2A/C | 95 | 166 | 155 | 6.3 | X | X | 100 x 22 |
| Maze Passion | OFF- | 7.6 | 7.9 | HARD | 5W + 2GF | 84 | 158 | 151 | 5.9 | X | 102 x 23 | 100 x 20 |
| Mazunov | OFF+ | 8.6 | 6.9 | HARD | 5W | 107 | 160 | 153 | 6.8 | X | 101 x 23 | X |
| Michael Maze | OFF | 8.5 | 8.0 | MED | 5W + 2A/C | 89 | 157 | 150 | 5.9 | 100 x 22 | 100 x 25 | 100 x 22 |
| Millerga | OFF- | 7.8 | 7.7 | SOFT | 5W | 84 | 151 | 149 | 7.0 | X | 101 x 25 | X |
| Mizutani Jun | OFF+ | 10.0 | 7.7 | HARD | 3W + 2ZLC | 88 | 157 | 150 | 5.7 | X | 100 x 24 | 100 x 22 |
| Petr Korbel | OFF | 8.0 | 7.6 | MED | 5W | 91 | 158 | 152 | 5.9 | X | 100 x 25 | X |
| Photino | OFF+ | 9.4 | 8.0 | MED | 3W + 2ZLF | 88 | 157 | 150 | 7.0 | X | 100 x 24 | X |
| Primo Vitesse | OFF+ | 9.0 | 7.0 | MED | 5W + 2C | 85 | 153 | 150 | 6.3 | X | 100 x 23 | X |
| Primorac | OFF- | 7.5 | 7.8 | MED | 5W | 90 | 157 | 150 | 5.7 | X | 100 x 25 | X |
| Primorac-2000 | OFF | 7.9 | 7.9 | MED | 5W | 76 | 153 | 150 | 6.6 | 102 x 26 | X | X |
| Primorac Carbon | OFF+ | 9.5 | 6.7 | HARD | 3W + 2C | 92 | 157 | 150 | 6.9 | 102 x 26 | 100 x 25 | 100 x 23 |
| SA-01 | ALL+ | 5.3 | 9.8 | MED | 5W | 77 | 154 | 148 | 5.9 | X | 100 x 23 | X |
| Schlager Carbon | OFF+ | 10.5 | 6.5 | HARD | 3W + 2C | 96 | 157 | 150 | 7.4 | 102 x 26 | 100 x 25 | 100 x 23 |
| Senkoh Max | OFF+ | 8.4 | 7.0 | MED | 1W | 90 | 154 | 148 | 10.0 | X | 100 x 25 | X |
| Timo Boll | ALL+ | 7.1 | 8.2 | SOFT | 5W | 91 | 158 | 151 | 5.7 | X | 101 x 23 | X |
| Timo Boll TriCarbon | OFF+ | 11.5 | 6.8 | HARD | 6W+3C | 95 | 156 | 157 | 6.9 | X | 101 x 25 | X |
| Timo Boll Spirit | OFF | 8.3 | 7.9 | MED | 5W + 2A/C | 89 | 157 | 150 | 5.7 | 100 x 22 | 101 x 24 | 100 x 22 |
| Timo Boll ALC | OFF | 8.5 | 8.0 | MED | 3W + 2A/C | 90 | 157 | 150 | 5.7 | X | 100 x 24 | X |
| Timo Boll T5000 | OFF+ | 10.0 | 7.0 | HARD | 5W | 90 | 157 | 150 | 5.5 | X | 100 x 24 | X |
| Timo Boll W7 | OFF | 8.6 | 7.4 | HARD | 7W | 90 | 157 | 150 | 6.7 | X | 100 x 24 | X |
| Timo Boll ZLC | OFF | 9.8 | 7.8 | HARD | 3W + 2ZLC | 86 | 157 | 150 | 5.5 | X | 100 x 24 | X |
| Timo Boll ZLF | OFF | 9.0 | 8.0 | MED | 3W + 2ZL | 86 | 157 | 150 | 5.4 | X | 100 x 24 | X |
| Viscaria | OFF | 8.7 | 7.2 | SOFT | 5W + 2A/C | 90 | 157 | 150 | 5.8 | X | 100 x 25 | X |

Penhold Blades

| BLADE | SPEED | CONTROL | FEEL | STYLE | PLIES | WEIGHT ~(grams) | BLADE HEAD DIMENSIONS(mm) | | BLADE THICKNESS(mm) | HANDLE DIMENSIONS(mm) |
|-------------------|-------|---------|------|-------------|------------|--------------------|------------------------------|-----|------------------------|--------------------------|
| | | | | | | | h | w | | L x W |
| CHINESE PENHOLD | | | | | | | | | | |
| Chinese Real | 7.8 | 8.0 | MED | Fast Attack | 5W | 84 | 158 | 150 | 7.7 | 82 x 24 |
| Chinese AL | 9.0 | 7.8 | MED | Fast Attack | 5W+2A | 94 | 158 | 150 | 7.0 | 82 x 24 |
| Chinese ULC | 9.6 | 7.5 | HARD | Fast Attack | 5W + 2ULC | 86 | 158 | 150 | 6.9 | 82 x 24 |
| Firehand CS | 9.4 | 7.0 | HARD | Fast Attack | 5W | 89 | 150 | 160 | 7.0 | 83 x 24 |
| Innerforce ZLC CS | 9.1 | 7.9 | MED | Fast Attack | 3W + 2 ZLF | 87 | 158 | 150 | 5.7 | 82 x 24 |
| Yoshida Kaii | 8.0 | 7.8 | HARD | Fast Attack | 7W | 90 | 161 | 150 | 6.7 | 82 x 25 |
| JAPANESE PENHOLD | | | | | | | | | | |
| Bolgard | 6.0 | 9.5 | MED | Fast Attack | 5W+2A | 84 | 161 | 141 | 7.5 | 92 x 20 |
| Brisker Light | 7.9 | 8.5 | MED | Drive Pen | 5W | 74 | 163 | 135 | 7.4 | 92 x 20 |
| Chiang Peng-Lung | 8.0 | 7.2 | MED | Drive Pen | 1W | 89 | 166 | 133 | 9.0 | 92 x 20 |
| Cypress-S | 8.2 | 7.0 | SOFT | Drive Pen | 1W | 85 | 163 | 135 | 9.0 | 92 x 20 |
| Cypress Alpha | 8.8 | 8.0 | SOFT | Drive Pen | 1W | 85 | 163 | 135 | 9.0 | 92 x 20 |
| Haruvatatart | 10.2 | 7.6 | HARD | Fast Attack | 5W + 2ZLC | 87 | 163 | 135 | 8.2 | 92 x 20 |
| Kim Taek Soo | 10.0 | 5.8 | MED | Drive Pen | 1W | 94 | 146 | 134 | 10.3 | 91 x 20 |
| Senkoh-1 | 8.5 | 8.3 | SOFT | Drive Pen | 1W | 89 | 137 | 143 | 9.3 | 79 x 20 |
| Senkoh-5 | 7.6 | 8.7 | HARD | Fast Attack | 5W | 81 | 137 | 143 | 8.1 | 79 x 20 |
| Temper Speed | 8.5 | 7.8 | HARD | Fast Attack | 5W | 82 | 163 | 135 | 8.4 | 92 x 20 |

BLADES

TOP SECRET: SPECIAL MATERIAL

The Quality and Ball Touch Which Captivate Top Players

ZL CARBON



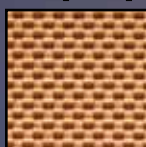
BUTTERFLY's ZL-CARBON is a new material which was produced by the combined weaving of Carbon Fiber and ZL-FIBER: Carbon fiber has a high repulsion force and ZL-FIBER is an organic fiber which has a summit-level tensile strength, elasticity and lightness. Blades with ZL-CARBON will keep a good balance of offense and defense. It is ZL-CARBON, a super fiber for the next generation that will bring a high-level performance to a blade.

TAMCA ULC



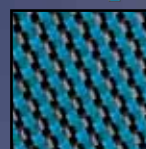
TAMCA-ULC is a carbon sheet with a totally new capability. While fibers are weaved evenly in every direction for existing Carbon sheets, a lot of carbon fibers are applied only lengthwise for TAMCA-ULC, which causes an effect on the ball speed. This way of weaving materials we realized the further weight saving without lowering the speed.

ZL FIBER



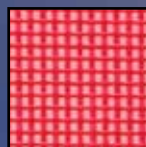
ZL-FIBER is a brilliant PBO fiber (poly-p-Phenylene benzobisoxazole fiber) with an adamant molecular configuration that has summit-level tensile strength and elasticity. In addition, as its ratio is 10 percent lower than Carbon fiber, high performance-blades can be made lighter with it. It is ZL-FIBER, a great fiber that brings a blade high-performance.

Arylate-CARBON



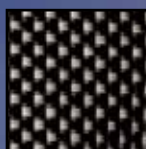
Arylate-Carbon developed by BUTTERFLY is a material created by the combined weaving of Arylate (Vectran Fiber) and Carbon fiber. A blade made with arylate and carbon best suits for tabloé tennis of the time, which requires offense and defense at the same time.

Arylate



The main characteristics of Arylate (Vectran Fiber) is to absorb shocks quickly. A blade with Arylate will reduce the shock and bring you a comfortable feeling in hitting balls. In addition, the lightness, only 75% of carbon in weight, is one of its characteristics.

CARBON FIBER



The distinguished features of carbon are its strength and lightness: 6 times stronger and one fifth in weight compared with iron and steel. BUTTERFLY weaved this material in its original way and made it sheeted to apply blades. As a result we realized blades with lightness, high-elasticity and strength.

TIMO BOLL ZLC

NEW



By blending our new ZL Fiber with our industry leading Carbon Fiber, our technicians were able to produce this light weight powerhouse of a blade. The Timo Boll ZLC offers the traditional feel and power of Carbon but the flexibility of the ZL Fiber that holds the ball longer on the blade than traditional Carbon blades. This increased "dwell time" allows the ZLC blade to produce both maximum speed and spin. This is a perfect blade for the power attacker who likes to both loop and smash to win points.

ZL CARBON

| | | | | |
|-------|-----|------|------|--------|
| OFF | 9.8 | 7.8 | Hard | FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

TIMO BOLL ZLF

NEW



The Timo Boll ZLF features the use of Butterfly's newest material. ZL fiber is harder, more flexible, and lighter in weight than carbon fiber. This results in a light weight blade which can produce a maximum amount of topspin with maximum control. The Timo Boll ZLF is the perfect blade for the all-round looping style of the future.

ZL FIBER

| | | | | |
|-------|-----|------|------|--------|
| OFF | 9.0 | 8.0 | Med | FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

HOLY CROWN

NEW



The Holy Crown is our newest addition to our high tech Uniaxial Light Carbon Blades. These blades feature a unique construction process where all the carbon fibers are pointing in the same direction. The result are blades that are lighter in weight than traditional carbon blades. The Holy Crown has a medium feel, a large sweet-spot, excellent control and is an excellent choice for the modern all-round attacking style of play.

TAMCA ULC

| | | | | |
|-------|-----|------|------|--------|
| OFF | 9.6 | 7.5 | Hard | FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

INNERFORCE

Achieve longer dwell time

The new design provides a softer feeling when contacting the ball similar to a wood racket. Tests have proven that the "dwell" time is longer on these blades when compared to other carbon blades.

The quality was proven at the highest level of competition.

Zhang Yining has won the 2008 Beijing Olympics and 2009 World Championships by using this new design. The high quality was proven at the highest level.

New Innovation Design:
Inner Fiber Technology



ボールをつかむ。
世界をつかむ。

Inner fiber

What is Innerfiber?

Previous blades had the carbon layer located right beside the outer wood layer. With the new Innerforce blades the carbon layer has been moved closer to the center ply.



NEW

INNERFORCE ULC

The Innerforce ULC represents the third generation of Butterfly's high tech Uniaxial Light Carbon Blades. This blade features a unique construction process where all the carbon fibers are pointing in the same direction. This allows for thinner Carbon layers that contain the same number of Carbon Fibers. The Innerforce provides all the power and increased sweet-spot of the heavier carbon blades with much more "feel" and ability to produce heavy topspin. Let the new Innerforce ULC bring out your own controlled aggression.



NEW

INNERFORCE ZLC

The new Innerforce ZL Carbon blade combines the speed and flexibility of ZL Fiber with the stability of Carbon Fiber. The result is a powerhouse blade that will make you forget that speedglueing ever existed. The Carbon Fibers in this blade provide the feel that power players enjoy and the ZL Fibers add a little flexibility which increases the dwell time of the ball on the racket. The new Innerforce ZL Carbon will help you bring out your own "Innerforce" in the game.

INNERFORCE ZLF

The Innerforce ZL Fiber represents the next generation of Butterfly's very successful high-tech ZL line of blades. This blade is similar in design to the Timo Boll ZLF, but with some major modifications. The Innerforce ZLF features a slightly thinner center core and larger ZL Fiber secondary plies. The head of the blade is also somewhat rounder in shape. The result is that maximum control is maintained while increasing the blade's speed. More ZL Fiber in your blade will help you bring out your own "Innerforce" in your play.



NEW

| OFF | 9.2 | 7.9 | MED | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

TANCA ULC

| OFF | 9.9 | 7.8 | MED | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

ZL CARBON

| OFF | 9.1 | 7.9 | MED | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

ZL FIBER

TIMO BOLL T5000

NEW

The Timo Boll T5000 is an update on our classic Carbon Series. This is an uncompromising all-out power blade perfect for the power attacker. The Timo Boll T5000 features a large sweet spot, hard feel, and produces tons of power for point winning loops and smashes. The Timo Boll T5000 is a perfect match for any of Butterfly's new high tension rubbers.



| OFF+ | 10.0 | 7.0 | Hard | FL |
|-------|------|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

TIMO BOLL TRICARBON

NEW

Featuring three-Carbon Fiber layers and six layers of wood, the Boll TriCarbon offers uncompromising power while still maintaining excellent control. Three layers of Carbon Fiber give this blade a huge sweet-spot and explosive power. The outer plies are made up of exotic Padauk wood, which is a very fast, dense wood that helps provide even more ball acceleration.



| OFF+ | 11.0 | 6.8 | Hard | FL |
|-------|------|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

MIZUTANI JUN

Mizutani Jun, Japan's rising star, along with Butterfly's technical staff, has designed the ultimate attacking weapon for his modern topspin game. Harnessing the power and control of Butterfly's ZL Carbon Fiber, the Mizutani Jun blade offers great speed and more dwell time for the ball on the blade than traditional carbon rackets. The racket matches his dynamic style of play and could enhance your game as well.



| OFF+ | 10.0 | 7.7 | Hard | FL, ST |
|-------|------|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

ZLCARBON

AMULTART

The Amultart ZL Carbon is a hybrid of Butterfly's industry leading Carbon technology with our new ZL Fiber. The resulting blade has great speed, but holds the ball a little longer than the normal Carbon Fiber making the production of heavy topspin easier.



| OFF+ | 10.2 | 7.6 | Hard | FL |
|-------|------|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

ZLCARBON

ISHLION

Butterfly's 2nd generation Uniaxial Light Carbon blade. This unique construction process has all of the Carbon Fibers pointing in the same direction. This allows our engineers to actually increase the density of the graphic fibers; while reducing the weight of the graphite by 18%. The result is a light blade which features great power even from mid-distance with increased ball feeling.



| OFF+ | 9.6 | 7.5 | Hard | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

TANCA ULC

TIMO BOLL ALC

NEW

The Timo Boll ALC is the blade of choice for the European Triple Champion, Timo Boll. Timo, working with Butterfly's technicians, helped design his new blade which offers a touch more speed than his previous model but still allows for the production of the heavy topspin strokes Timo is known for.

Timo plays fair and wins and so can you. The Timo Boll ALC offers the maximum blend of speed, heavy spin, and control.

| OFF | 8.5 | 8.0 | MED | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate-CARBON



IOLITE NEO

NEW

The Iolite Neo is a new take on our classic "Iolite" that has been the favorite of many top US juniors over the years. The Neo is a light weight blade with a compact thick head which can produce great speed for blocks and kills. This new version of the Iolite has a slightly softer feel and a new more comfortable handle. The Iolite Neo is sure to please everyone looking for a close to the table, fast attack blade.

| OFF+ | 9.6 | 7.0 | Soft | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate-CARBON



VISCARIA

Combines the Arylate Fiber features of lightness, flexibility, and shock absorption with the Carbon Fiber features of high elasticity and minimal dissipation of energy. Koto outer plies, Balsa center ply. VISCARIA's compact head size makes it ideal for quick re-looping right off the bounce.

| OFF | 8.7 | 7.2 | Soft | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate-CARBON



KEYSHOT LIGHT

Brought back by popular demand, a classic returns with a facelift and at a lighter weight! The original Keyshot blade was one of the first to use Butterfly's Arylate technology and one of the most popular blades ever sold in North America. The Keyshot Light features excellent speed, a large sweet spot, good control, and the softer feel that Arylate construction provides.

| OFF | 8.4 | 7.9 | Soft | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate



TIMO BOLL SPIRIT

Great for the European looping style of play. The Timo Boll Spirit has a good balance of speed and control. An overwhelming choice by many Butterfly sponsored players.

| OFF | 8.3 | 7.9 | Med | FL, ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate-CARBON



TIMO BOLL (GER)
2008 European Champion
Timo Boll ALC
Tenergy 05 / Tenergy 05



Butterfly

BLADES: Carbon, Arylate, Arylate-Carbon

RACKETS

BLADES

RUBBERS

MAINTENANCE

APPAREL

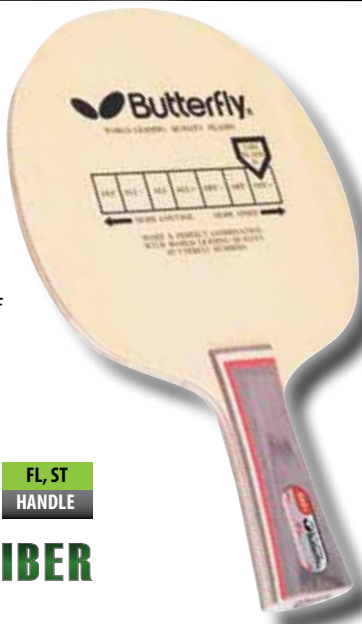
ACCESSORIES

COURT

TABLES 13

PRIMORAC CARBON

A combination of Carbon Fiber and Cypress layers perfect for power play. Despite its great speed, the Primorac Carbon can produce a serious amount of topspin.



| OFF+ | 9.5 | 6.7 | Hard | FL, ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

PHOTINO

The Photino is a blade designed for the highest standards of play. It has been tested by many professionals and features Butterfly's newest technical innovation, the use of ZL Fiber. ZL Fiber is lighter in weight and harder than even Carbon Fiber. At the same time ZL Fiber is more flexible than Carbon Fiber and holds the ball a little longer, allowing for maximum spin to be created.



| OFF+ | 9.4 | 8.0 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

ZLFIBER

PRIMO VITESSE

Primo Vitesse blade has Ayous inner plies with thin Carbon Fiber layers and Limba outer plies. Add the Foam Core handle and you have the only true Carbon Fiber blade with a softer feel. Super Core system at its finest.



| OFF+ | 9.0 | 7.0 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

GRUBBA CARBON

The first Butterfly Carbon Fiber blade designed for the all-round and/or controlled offensive player. The Grubba Carbon blades were tested by the late Andrzej Grubba, who said the Grubba Carbon is "an all-round blade with an enlarged sweet spot. Simply perfect. A totally new feeling." Dark Aningre wood outer plies.

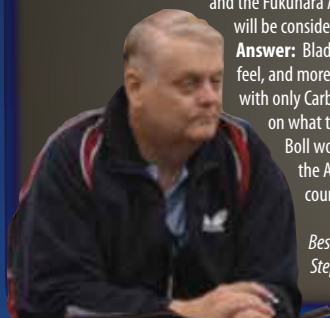


| ALL+ | 8.5 | 7.6 | Hard | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

ASK THE EXPERTS...

Question: I am after a faster blade, with less dwell time than the Photino. I am a 2-winged looper, who loops from mid-distance, as well as close-to-table. I was considering the Amultart (Butterfly), Jun Mizutani, Timo Boll T5000, and the Fukuhara Ai Special (Butterfly). I would like to keep Tenergy, although suggestions will be considered.



Answer: Blades that combine ZL Fiber with Carbon will have less dwell time, a harder feel, and more speed than blades with ZL Fiber alone, such as your Photino. A blade with only Carbon Fiber will generally have even less dwell time but that really depends on what type of woods it is combined with. Of the blades you mentioned, the Timo Boll would have the least dwell time and the hardest feel. However in my opinion, the Amultart is the fastest of the lot. It is a great blade that both topspins and counters with equal ease.

Best of luck, Richard McAfee, USATT National Coach and Author of, "Table Tennis, Steps to Success"

GERGELY

Gergely, one of Butterfly's most popular Carbon Fiber blades of all time. Cypress outer, Carbon Fiber secondary and Balsa center plies best suited for power shots. Squared, flared handle.



| | | | | |
|-------|-----|------|------|--------|
| OFF+ | 9.9 | 6.8 | Hard | FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

KONG LINGHUI SPECIAL

Used by Kong Linghui, this unique Arylate/Carbon Fiber and 3 ply-wood construction of this blade produces the perfect blend of control, speed, and maneuverability for the off-the-bounce quick attacking style of play. The soft feel of Arylate Fiber blended with the power of Carbon Fiber, this blade has it all.



| | | | | |
|-------|-----|------|------|--------|
| OFF+ | 7.3 | 8.0 | Med | FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate-CARBON

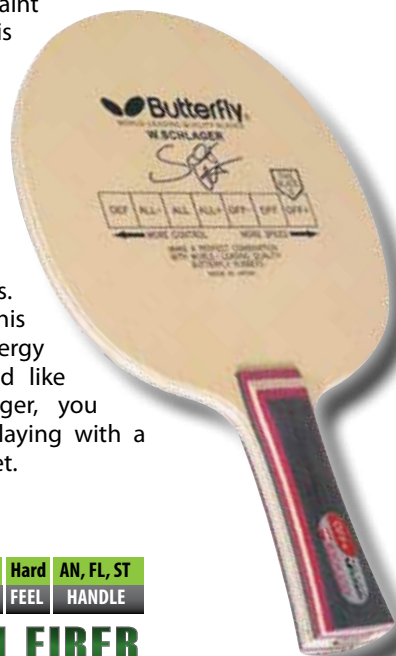
DANIELA DODEAN (ROM)

European junior champion 2005 – 2007
Primorac Carbon
Tenergy 05/ Tenergy 64



SCHLAGER CARBON

Not for the faint of heart, this is one of our fastest blades, designed for stinging blocks and power-packed topspin plays. Combine this blade with Tenergy 05 rubber and like Werner Schlager, you too can be playing with a powerful racket.



| | | | | |
|-------|------|------|------|------------|
| OFF+ | 10.5 | 6.5 | Hard | AN, FL, ST |
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

MICHAEL MAZE

Similar to our popular Timo Boll Spirit model, this blade offers a little more speed and even more control. With a medium feel this is a perfect blade for hard hitters. Its good balance of speed and control, make the Michael Maze destined to become a classic.



| | | | | |
|-------|-----|------|------|------------|
| OFF | 8.5 | 8.0 | Med | AN, FL, ST |
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate-CARBON

JOYNER HINOKI SPECIAL

NEW

The Joyner Hinoki Special is a newer version of the original Joyner Hinoki. It offers all of the unique playing characterizes of the classic Joyner blade. Designed for the offensive player that needs good touch and feel around the table.



| OFF | 7.5 | 7.7 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

SENKOH MAX

Now the dynamic attacking shakehands player can enjoy the same unique thick 1-ply Hinoki blade construction that penhold champions have chosen for many years. The Senkoh Max consists of just one 9mm thick Hinoki ply and is designed for power attackers who also want a precise and vibration free blade. Now you too can experience the unique feel and power of the classic 1-ply Hinoki Blade.



| OFF+ | 8.4 | 7.0 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

BALSA CARBO X5

The X5 features light weight and great touch, produced by the Balsa center core. Its two Carbon Fiber layers ensure that there is always more than enough point-winning power. Unique to the X5 is its soft feel, which makes over the table play, especially blocking, effortless and very effective. While designed for close to the table attacking play, the X5 has enough power to execute strong topspins from mid-distance as well.



| OFF | 8.2 | 8.0 | Soft | AN, FL, ST |
|-------|-----|------|------|------------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

SARDIUS

Great blade for pips-out hitters and power attackers. One of our all time best-selling Carbon Fiber blades. World dominating power.



| OFF+ | 10.0 | 6.5 | Hard | FL |
|-------|------|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CARBON FIBER

MICHAEL MAZE (DEN)

2009 European Champion
Timo Boll Spirit
Bryce Speed/ Bryce Speed



KORBEL SPEED**NEW**

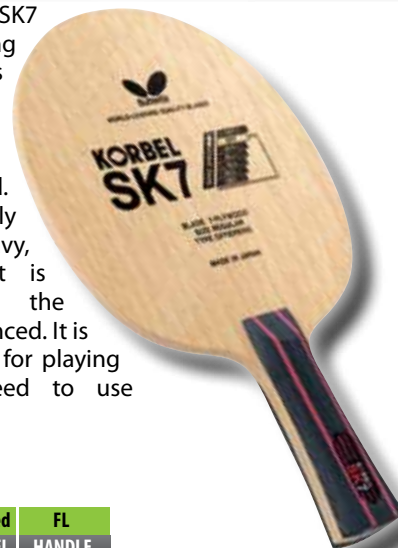
The Korbel Speed has all the feel and great topspin capabilities of the classic Petr Korbel with just a touch more speed. Match this blade with our new Sriver G3 or Tenergy rubbers and you have a topspinner's dream racket.



| OFF | 8.2 | 7.6 | Med | FL, ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

KORBEL SK7**NEW**

The KORBEL SK7 is an attacking blade that offers a relatively soft and controlled feeling even at high speed. All wood 7-ply blade, heavy, but the weight is concentrated in the handle, well balanced. It is the ideal answer for playing without the need to use refresh gluing.



| OFF | 8.0 | 8.5 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

TIMO BOLL W7**NEW**

The characteristic is in power and the balance between attack and control, thus enabling both dynamic and delicate control play. It is the only plywood model in the TIMO BOLL Series and the ultimate of 7-ply wood blades.



| OFF | 8.3 | 7.5 | Hard | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

MAZUNOV

Extremely fast for an all-wood blade. The MAZUNOV blade combines fine blocking touch with incredible mid-distance power.



| OFF+ | 8.6 | 6.9 | Hard | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

PETR KORBEL

Named after Czech player Petr Korbel and also used by many top North American players. If you want to develop a consistent offensive game, but are unsure which blade to use, you can't go wrong with the Limba outer plied KORBEL blade that can do it all.



| OFF | 8.0 | 7.6 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

PRIMORAC 2000

The Primorac 2000 is a lightweight blade with a great balance between speed and control. Limba outer plies with Ayous inner. Ideal for the all-round attacker.



| OFF | 7.9 | 7.9 | Med | AN |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |



KISO HINOKI V

The Kiso Hinoki V marks the rebirth of Butterfly's Classic Hinoki shakehand series of blades. Hinoki wood is a light dense wood that has a soft feel to it. Blades made of Hinoki are excellent for all-round attacking play with heavy topspins produced with maximum control. Kiso Hinoki is the highest grade of this wood featuring a tight grain pattern that can only be found in wood grown at altitude in certain mountain ranges in Japan. The classic Hinoki Blade is back and playing better than ever.



| OFF- | 7.7 | 7.6 | Soft | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

PRIMORAC

Butterfly's overall best-selling shakehand blade. The Primorac's African wood allows the ball to stay on the racket longer providing good feel and control. The Primorac is an excellent all-round offensive blade.



| OFF- | 7.5 | 7.8 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

MILLERGA

The Millerga is Butterfly's first blade to feature outer layers of bamboo. The flexibility of the bamboo creates a "spring-like" effect that promotes the feeling of playing with a fresh-glued blade. The Millerga is a great blade for the all-round attacker, especially when paired with any of our "High Tension" rubbers.



| OFF- | 7.7 | 7.8 | Hard | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

KONG LINGHUI

The Kong Linghui blade is a responsive blade for executing a wide variety of attacking shots, a-la the 1995 World Champion, Kong Linghui.



| OFF- | 7.3 | 8.0 | Med | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

MAZE PASSION

Geared for controlled returns and aggressive block play. The Glass Fiber still gives you a hard feel for generating those fast topspin offensive shots.



| OFF- | 7.6 | 7.90 | HARD | FL, ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

STEFAN FETH (USA)
2010 U.S. Men's National Team Coach
Maze Passion
Tenergy 05/Tenergy 05

ANDRZEJ GRUBBA

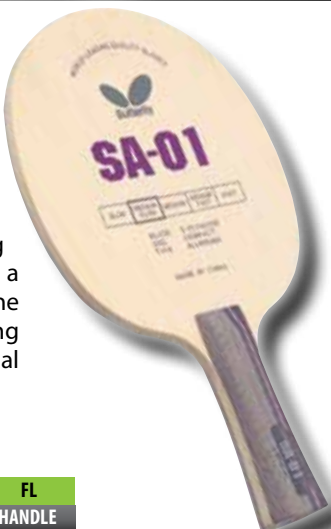
The Andrzej Grubba is a flexible blade named after one of the world's most dynamic players of all times. Ideal for topspin, short chops, blocks and smashes.



| | | | | |
|-------|-----|------|------|--------|
| ALL+ | 6.6 | 9.1 | Med | AN, FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

SA-01

Lightweight control blade for the players that love to keep the ball on the table. A well balanced blade that is good for the all-round developing player. The SA-01 is a good stepping stone when advancing from the recreational rackets.



| | | | | |
|-------|-----|------|------|--------|
| ALL- | 5.3 | 9.8 | Med | FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

GRUBBA PRO

Excellent for touch blocks, high-spin loops at the table, consistent mid-range play and the chop game from long distances.



| | | | | |
|-------|-----|------|------|--------|
| ALL- | 5.2 | 9.9 | Med | AN, FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

TIMO BOLL

The Timo Boll blade offers superb control for offensively oriented all-round players. Named after German Champion, Timo Boll.



| | | | | |
|-------|-----|------|------|--------|
| ALL+ | 7.1 | 8.2 | Soft | FL |
| CLASS | SPD | CTRL | FEEL | HANDLE |

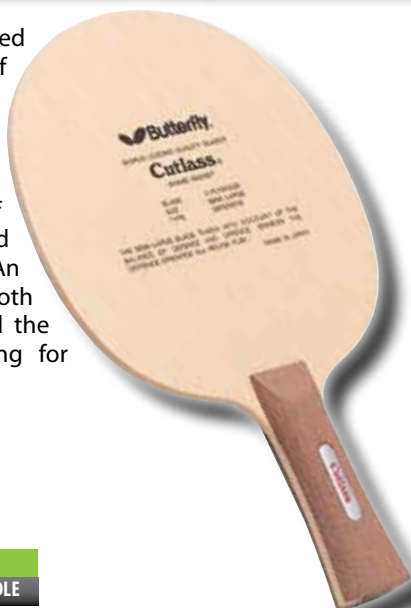


GAO JUN (USA)
2009 U.S. Open Champion
Matushita Pro
Challenger Attack

Butterfly

CUTLASS

The Cutlass was developed to meet the needs of the modern defensive all-round style of play. Featuring a semi-large head, this blade offers the ultimate mix of high control and good offensive potential. An excellent choice for both the defensive player and the all-round attacker looking for maximum ball control.



| DEF | 7.4 | 8.4 | Soft | FL |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

DEFENCE II

Excellent blade for Paul Bunyan-style defensive players (all out choppers). The Defence-II has a semi-large head featuring Willow wood outer plies for exquisite control.



| DEF | 7.7 | 7.9 | Med | ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

JOOSEHYUK

The five-layer Joo Se Hyuk blade is perfect for defense as well as quick counterspins far from the table. The enlarged head of the blade provides the necessary control for chopping and blocking. The Joo Se Hyuk is the first choice for defenders who go for defense using heavy spin combined with fast topspins due to the hard feel.



| DEF | 7.4 | 8.4 | Soft | ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

MATSUSHITA PRO SPECIAL

This blade was developed with the help of Japan's Defensive wizard, Koji Matsushita. It features a unique combination of Butterfly's high tech Arylate and Carbon Fibers with the classic Willow wood outer plies. The result of this blend is a blade that offers maximum control when chopping against great speed and more than enough offensive power to score when the opportunity presents itself.



| DEF | 7.4 | 8.4 | Soft | ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

Arylate-CARBON

MATSUSHITA PRO

This blade is named after Koji Matsushita, the world-class Japanese chopper. A lighter defensive blade that is easier to maneuver than traditional defensive blades. The Matsushita Pro is especially useful when the defender seeks to throw off his/her opponent's rhythm by countering or attacking aggressively close to the table. Semi-large head size.



| DEF | 7.0 | 8.8 | Soft | ST |
|-------|-----|------|------|--------|
| CLASS | SPD | CTRL | FEEL | HANDLE |

CHINESE AL

NEW

Butterfly's new Chinese AL Blade is a fast blade designed for the modern heavy topspin style of play. The addition of two layers of Arylate fiber increases the ball's dwell time on the racket allowing for the production of more spin and better directional control. The Chinese AL Blade is a perfect choice for topspin players looking to add some speed into their games.



| | | | | |
|-------------|-----|------|------|--------|
| Fast Attack | 9.0 | 7.8 | MED | CP |
| STYLE | SPD | CTRL | FEEL | HANDLE |

Arylate

CHINESE ULC

NEW

Butterfly is proud to announce our first Uniaxial Light Carbon Chinese Penhold Blade, the Chinese ULC. This blade features a unique construction process where all the carbon fibers are pointing in the same direction. The result is a lightweight blade with a large sweet-spot and excellent control. The blade's hard feel and great speed make it a perfect choice for the fast attacking style of play.



| | | | | |
|-------------|-----|------|------|--------|
| Fast Attack | 9.6 | 7.5 | HARD | CP |
| STYLE | SPD | CTRL | FEEL | HANDLE |

TANCA ULC

INNERFORCE ZLC-CS

NEW

The new Innerforce ZL Carbon blade combines the speed and flexibility of ZL Fiber with the stability of Carbon Fiber. The result is a powerhouse blade that will make you forget that speedglueing ever existed. The Carbon Fibers in this blade provide the feel that power players enjoy and the ZL Fibers add a little flexibility which increases the dwell time of the ball on the racket. The new Innerforce ZL Carbon will help you bring out your own "Innerforce" in the game.



| | | | | |
|-------|------|------|------|------------|
| OFF+ | 10.5 | 6.5 | Hard | AN, FL, ST |
| CLASS | SPD | CTRL | FEEL | HANDLE |

ZLCARBON

FIREHAND-CS

The Firehand CS penhold blade offers great power from any distance. The Super Core handle system adds to the control of the blade.



| | | | | |
|-------------|-----|------|------|--------|
| Fast Attack | 9.4 | 7.0 | Hard | CP |
| STYLE | SPD | CTRL | FEEL | HANDLE |

YOSHIDA KAI

Japan's top fast attack player, Yoshida Kai helped design this classic 7-ply Chinese style, fast attack penhold blade. The Yoshida's unique construction produces good speed with excellent control, all with a low ball throw that best supports a close to the table quick attack style of play.



| | | | | |
|-------------|-----|------|------|--------|
| Fast Attack | 8.0 | 7.8 | Hard | CP |
| STYLE | SPD | CTRL | FEEL | HANDLE |

CHINESE REAL

Chinese Real penhold blades are designed for Real quick attacks with Real good speed and control. The speed is produced by a unique combination of Real woods, including Ayous outer plies.



| | | | | |
|-------------|-----|------|------|--------|
| Fast Attack | 7.8 | 8.0 | MED | CP |
| STYLE | SPD | CTRL | FEEL | HANDLE |

SENKOH-1

Japanese Cypress penhold blade for all-round/offensive players who drive from short and mid-distances. This is a 21-layer handle. Squared head. Black backside.



| Drive Pen | 8.5 | 8.3 | Soft | JP |
|-----------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

HARUVATART-S

The Haruvatart-S ZL Carbon penhold blade is a hybrid of Butterfly's industry leading Carbon Fiber technology with our new ZL fiber. The resulting blade has great speed, but holds the ball a little longer than the normal Carbon Fiber making the production of heavy topspin easier. The ZL Carbon has the highest ratio of control to speed of any Carbon Fiber blade. The ZL Carbon is an uncompromising blade for the high speed of the modern game.

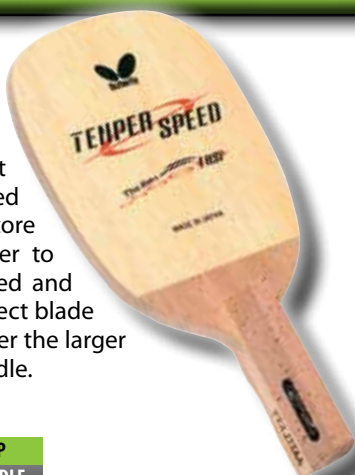


| Fast Attack | 10.2 | 7.6 | Hard | JP |
|-------------|------|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

ZLCARBON

TENPER SPEED

Butterfly's Tenper Speed is a rare find among Penhold style blades. It is a Japanese style blade designed for close to the table, fast attack play. The Tenper Speed combines a thick Balsa core with a hard secondary layer to provide both excellent speed and light weight. This is the perfect blade for quick attackers who prefer the larger Japanese style penhold handle.



| Fast Attack | 8.5 | 7.8 | HARD | JP |
|-------------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

BRISKER LIGHT

The Brisker Light is designed for the all-round attacking penhold player who is looking for a light-weight blade. Featuring a near perfect blend of control and speed. The light weight of this Penhold blade allows for the use of thicker/heavier rubbers.



| Drive Pen | 7.9 | 8.5 | Med | JP |
|-----------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

Yoshida Kaii (JPN)
2009 World Championships -
Men's Singles Quarterfinalist
Yoshida Kaii
Tenergy 64



SENKOH-5

This blade is a well-balanced Penhold blades for explosive close-to-the-table, fast-attacking shots. Rounded head. Hinoki outer plies with Balsa center ply. 21-layer handle. Black backside.



| Fast Attack | 7.6 | 8.7 | Hard | JP |
|-------------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

KIM TAEKSOO

The Kim Taek Soo penhold blade has a special 10.3 mm thickness made from the best grains of Japanese Hinoki wood that allows for tremendous loop drives. Plain wood backside.



| Drive Pen | 10.0 | 5.8 | Med | JP |
|-----------|------|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

CYPRESS ALPHA

The Cypress Alpha is made of Kiso Hinoki which is the finest mountain grown Hinoki available. Its tight grain produces great speed with that unique Hinoki "feel", perfect for the mid-distance penhold topspin player.



| Drive Pen | 8.8 | 8.0 | Soft | JP |
|-----------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

CYPRESS-S

Korean ace Yoo Nam Kyu, 1988 Olympic gold medalist used the CYPRESS-S to garner many international gold medals. This penhold blade is made from the highest grade of Hinoki wood grown in the Kiso mountains of Japan. Popular for its lightness, soft feel, and power. Exceptional for drives from all distances. Plain wood backside.



| Drive Pen | 8.2 | 7.0 | Soft | JP |
|-----------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

CHIANG PENG-LUNG

Chinese Taipei ace, Chiang Peng-Lung, now has his own penhold blade designed for his power-charged game. This blade features the soft feel of Butterfly's unique thick 1-ply Cypress design. The Chiang Peng-Lung blade offers good speed with outstanding control.



| Drive Pen | 8.0 | 7.2 | Med | JP |
|-----------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

BOLGARD

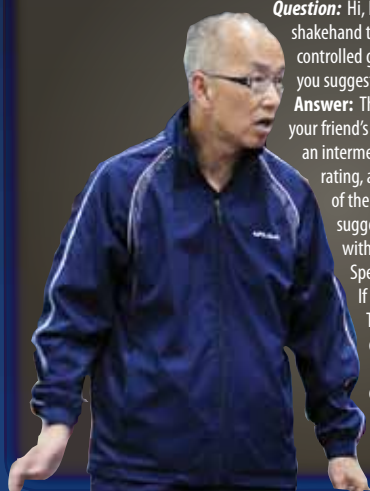
The rounded-square shape makes for quick movements for over the table attacking play. Medium speed, with good control due to the presence of the Arylate fibers, this penhold blade offers quick attacking players a good balance between offense and defense.



| Fast Attack | 6.0 | 9.5 | Med | JP |
|-------------|-----|------|------|--------|
| STYLE | SPD | CTRL | FEEL | HANDLE |

Arylate

ASK THE EXPERTS...



Question: Hi, I have a friend who is changing shakehand to penhold and he wants a more controlled game. What blade and rubbers do you suggest?

Answer: The choice depends on the level of your friend's play and style. Assuming he is an intermediate player, around 1450-1750 rating, and does not use the backside of the penhold racket, here are some suggestions: Senkoh-1 or Cypress-x with Roundell 2.1, Bryce FX or Bryce Speed.

If he wants to use the backside: Takism with Roundell, Bryce FX or Bryce Speed on the front and Tackifire Special Soft or Srivier FX on the backside.

Masaaki Tajima, U.S. Certified National Coach

CHIANG PENG-LUNG (TPE)

2001 World Championships - Semi-Finalist



Chiang Peng-Lung
Bryce Speed



Butterfly

LEAGUE TALKING POINTS

'Slamming Good Time'

By Steve Rivera

It's about friendships, fun and a few forehand slams when it comes to the Southern Arizona Table Tennis Association.

The latter just comes with the territory—more often than not—as the SATTA continues to grow at an eye-pleasing pace. The first league matches involved 19 participants in April of 2008.

"Since then the league is quickly becoming a hotspot for table tennis participation and has grown more than fivefold, contributing to 719 matches to the USATT league match count," said SATTA president Misha Chernobelskiy. "The Southern Arizona Table Tennis League is now one of the largest active table tennis leagues in the Southwest Region, now ranked No. 29 in the nation."

And, there's plenty of room to grow. The SATTA is still in the early stages of promoting the sport via media opportunities and will be seeking to join the City of Tucson Parks & Recreation department, with the hope of reaching more players.

"If we do get in with the Tucson Parks & Recreation that would be a great step forward," said Chernobelskiy. "It is a hope that we'll be able to accomplish that goal in the near future."

Still, word of mouth about the program and the sport has helped the SATTA gain

credibility and participants. Contributing to the league's success has been the website (www.sattaonline.com), one that is continually updated with current and timely information as it looks back at recent events and to future competitions.

"The tournaments are well-organized, well-advertised within the limited circles and we have a fantastic personalized website full of good information," said SATTA member Sreeram Parameswaran. "Successes are well-documented and people well-feted. It engenders a community feeling within the ping pong circle."

Chernobelskiy had a vision when he started the league more than a year ago. They included:

- provide a relaxed environment while

gaining experience;

- get players rated without future tournament participation, perhaps getting recreational players to later join the USATT;

- get player ratings updated on a timely fashion, notifying them of their rating in timely fashion.

In addition to the vision, Chernobelskiy hopes the newly formed Friendship Cup continues its initial success. The Friendship Cup—teams from area clubs competing against one another—"is designed to promote a healthy lifestyle within the Southern Arizona senior (55+) table tennis community," Chernobelskiy said.

The initial tournament had 22 participants via five teams.

"The Friendship Cup is off to a good start and has potential to be successful," Jeremiah Sbarra said. "I think after the first year we will have a better handle on how it will all work out." If the first year of SATTA is any indication it will work out just fine.



Are you prepared?

2010 U.S. Open Table Tennis Championships

 **Butterfly**
Official Equipment Sponsor



RUBBER: FREQUENTLY ASKED QUESTIONS

Which Rubber Type Is Right For My Style Of Play?

Much of the overall speed of your racket is determined by the wood/blade. The rubber, while contributing to the speed of your racket, will primarily function as your source for spin. All rubbers can be grouped into two different categories based on the rubbers surface. They are:

INVERTED

With the exception of anti-spin rubber, inverted rubbers are able to generate tremendous spin compared to their pips-out counter parts. Great for all styles of play from the all-out attacker to the most defensive minded chopper. Inverted is the most versatile rubber type. Inverted rubbers can be sub-categorized into four different classes:



SUPER SPEED - If you want to add more speed to your game, these rubbers are for you. Super Speed rubbers feature great speed and surprising control that only Butterfly's advanced technology can bring you.

SUPER SPIN - Special chemicals embedded into the surface of these rubbers produce the highest friction coefficient in our line. If you are looking for the ultimate in spin, these rubbers are for you.

ALL-ROUND OFFENSE - All-round rubbers have all the gears necessary to play almost any style. This category is lead by SRIVER, the best-selling rubber in the world.

SPECIAL - In this class you will find rubbers that are dedicated to supporting a particular style. Anti-spin - Anti-spin rubber is an inverted sheet of rubber featuring a very slick top sheet with a "dead" sponge layer. The resulting effect is a rubber sheet that is excellent for blocking, returning serves and great for changing the pace. Great for players that rarely use both sides of the racket during play, anti-spin rubber would be ideal for the backside. When used, your opponent will generally find himself confronted with a ball with little rotation, or a 'knuckle' ball. This generally will lead to a ball that you can easily attack. A great addition to your arsenal.

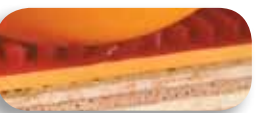
PIPS-OUT

Pips-out rubbers vary greatly in their characteristics due to the length, height, width, distance between the pips and density of the pip.

SHORT PIPS - Short pip rubbers are basically an inverted sheet of rubber turned upside down. The space between the pimples will help to take some of your opponent's spin off of the ball. This will allow you to aggressively attack your opponent's shots regardless of the oncoming spin. Short pips are great for hitting, blocking and returning serves. Short pip rubbers are unable to produce as much spin as an inverted sheet of rubber.



LONG PIPS - Long pip rubbers are generally used by players who rely on their opponents to make mistakes. The composition of long pip rubbers is similar to short pip rubbers, but the pips are taller. When your opponent's ball contacts this surface, the taller pips are easily bent, REVERSING the oncoming spin. This will keep your opponent guessing as to what type of spin is on the ball.



NO SPONGE - No sponge rubber features a short pips top sheet with the absence of sponge. Still adept at nullifying spin, no sponge rubber will produce sharp, crisp strokes with significantly less spin and at a much slower pace. Ideal for the players who prefer the feel of the wood on all strokes. "OX" is another term for no sponge.



Butterfly The leading choice of Champions the world over.

What Sponge Thickness Should I Choose?

(OX, 0.5, 1.0, 1.3, 1.5, 1.7, 1.9, 2.1, MAX)

Many 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.



0X-1.3mm

For defensive style players who emphasize control

1.5-1.7mm

For all-round players who desire good control with medium speed

1.9mm-Max

For offensive players who attack with high speed

What Is Sponge Density?

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 meets their needs. To that end, we are now publishing a list of Sponge Density Ratings. In general, the higher the number the denser (harder) the sponge. Players who swing harder prefer the harder sponges. The denser sponges have more stored energy but also require more racket speed to compress the sponge and release this energy. The all-round player or players with shorter strokes will prefer sponges with medium or softer sponges.

What is SPRING SPONGE?



The Sense of "Catching" Balls

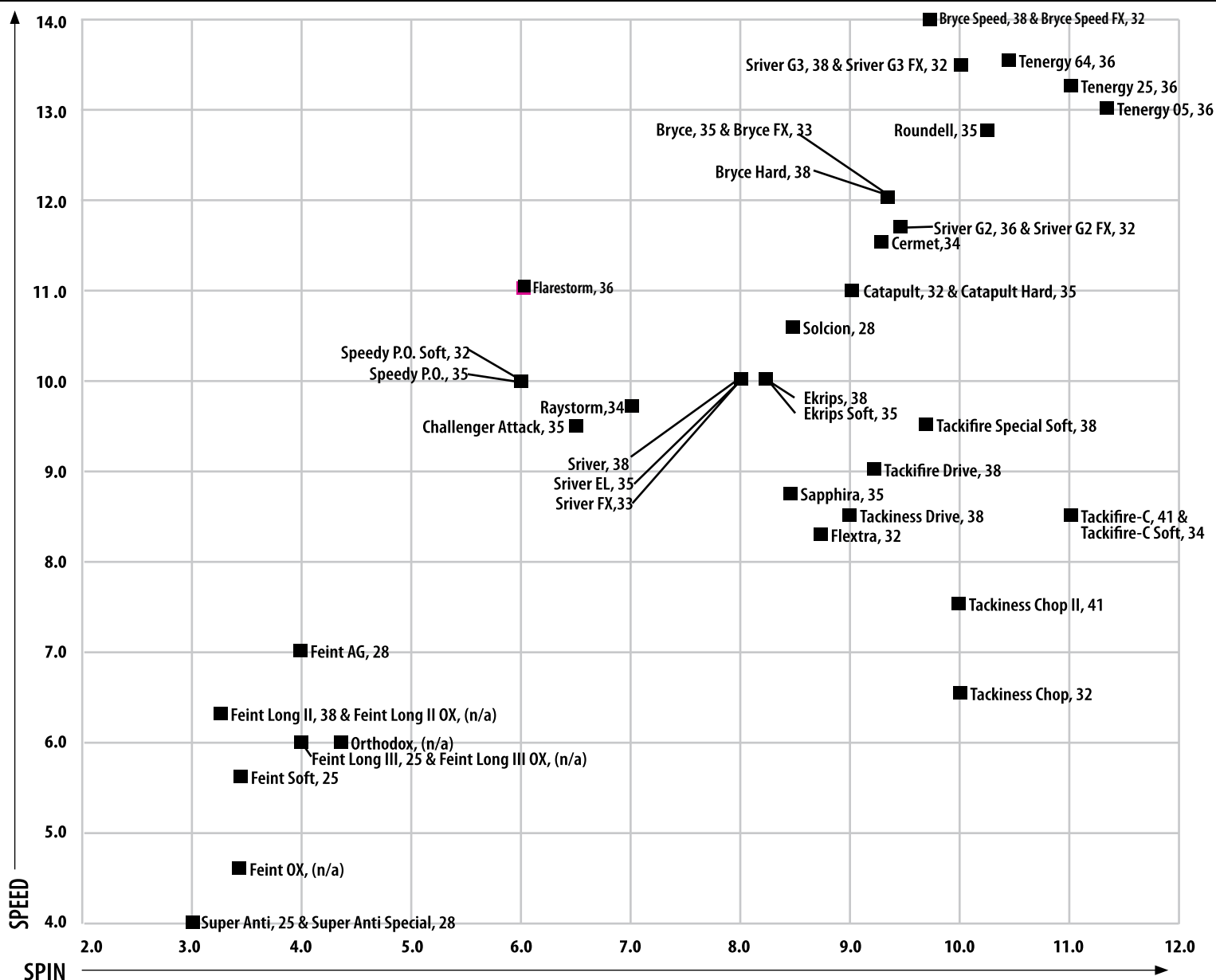
More than a decade of research has led to the latest sponge technology created by the engineers at Butterfly, Spring Sponge. The most notable feature of this new technology is a sense of "catching" the ball, a phenomenon not present in any other rubbers currently available on the market.



The secret to 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.

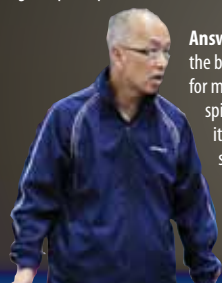
RUBBER MATRIX

Each rubber is followed by its sponge density rating.



ASK THE EXPERTS...

Question: I don't understand the impact of sponge width on the performance. What rubber has higher spin / speed? A rubber with 1.5mm sponge or with 1.9mm sponge.



Answer: Generally, you get more spin with thicker sponge because the ball sinks-in and stays longer on the rubber. So if you are looking for more spin, then the combination of thicker sponge (1.9mm) and spinier top sheet will help. But if you are looking for more speed, it depends a lot on how you stroke and strike the ball. Thinner sponge will give you more control but less speed if you spin more but, it's better if you like to hit.

Masaaki Tajima, U.S. Certified National Coach



ARIEL HSING (USA)
2009 Panam Junior Girls Champion
Kong Linghui Special
Tenergy 05 / Tenergy 05

RUBBER SPEC CHART

| RUBBER | CLASS | SPEED | SPIN | SURFACE | SPONGE DENSITY | SPONGE THICKNESS (mm) |
|------------------------|-------------|-------|-------|----------|----------------|-------------------------|
| Bryce FX | Super Speed | 12.00 | 9.50 | Inverted | 33 | 1.9, 2.1 |
| Bryce Hard | Super Speed | 12.00 | 9.50 | Inverted | 38 | 1.9, 2.1 |
| Bryce | Super Speed | 12.00 | 9.50 | Inverted | 35 | 1.9, 2.1 |
| Bryce Speed | Super Speed | 14.00 | 9.75 | Inverted | 38 | 1.9, 2.1 |
| Bryce Speed FX | Super Speed | 14.00 | 9.75 | Inverted | 32 | 1.9, 2.1 |
| Catapult | Super Speed | 11.00 | 9.00 | Inverted | 32 | 1.9, 2.1, MAX |
| Catapult Hard | Super Speed | 11.00 | 9.00 | Inverted | 35 | 1.9 |
| Cermet | Super Speed | 11.50 | 9.25 | Inverted | 34 | 1.9, 2.1 |
| Challenger Attack | Pips-Out | 9.50 | 6.50 | Pips-Out | 35 | 1.5, 1.9 |
| Ekrips | All-Round | 10.00 | 8.25 | Inverted | 38 | 1.9 |
| Ekrips Soft | All-Round | 10.00 | 8.25 | Inverted | 35 | 1.9, 2.1, MAX |
| Feint AG | Specialty | 7.00 | 4.00 | Pips-Out | 28 | 1.3, 1.7 |
| Feint Long II | Specialty | 6.25 | 3.25 | Pips-Out | 38 | 0.5, 1.3 |
| Feint Long II OX | Specialty | 6.25 | 3.25 | Pips-Out | n/a | OX |
| Feint Long III | Specialty | 6.00 | 4.00 | Pips-Out | 25 | 0.5, 1.3 |
| Feint Long III OX | Specialty | 6.00 | 4.00 | Pips-Out | n/a | OX |
| Feint OX | Specialty | 4.50 | 3.50 | Pips-Out | n/a | OX |
| Feint Soft | Specialty | 5.50 | 3.50 | Pips-Out | 25 | 1.5 |
| Flarestorm | Pips-Out | 11.0 | 6.00 | Pips-Out | 36 | 1.7, 1.9, 2.1 |
| Flextra | All-Round | 8.25 | 8.75 | Inverted | 32 | 1.7, 1.9 |
| Orthodox | Pips-Out | 6.00 | 4.25 | Pips-Out | n/a | OX |
| Raystorm | Pips-Out | 9.75 | 7.00 | Pips-Out | 34 | 1.7, 1.9, 2.1 |
| Roundell | Super Speed | 12.80 | 10.20 | Inverted | 35 | 1.9, 2.1 |
| Sapphira | All-Round | 8.75 | 8.50 | Inverted | 35 | 1.9 |
| Solcion | Super Speed | 10.50 | 8.50 | Inverted | 28 | 1.9, 2.1 |
| Speedy PO | Pips-Out | 10.00 | 6.00 | Pips-Out | 35 | 1.9 |
| Speedy PO Soft | Pips-Out | 10.00 | 6.00 | Pips-Out | 32 | 1.9 |
| Sriver | All-Round | 10.00 | 8.00 | Inverted | 38 | 1.5, 1.7, 1.9, 2.1, MAX |
| Sriver EL | All-Round | 10.00 | 8.00 | Inverted | 35 | 1.7, 1.9, 2.1, MAX |
| Sriver FX | All-Round | 10.00 | 8.00 | Inverted | 33 | 1.9, 2.1, MAX |
| Sriver G2 | Super Speed | 11.50 | 9.50 | Inverted | 36 | 1.9, 2.1, MAX |
| Sriver G2 FX | Super Speed | 11.50 | 9.50 | Inverted | 32 | 1.9, 2.1, MAX |
| Sriver G3 | Super Speed | 13.50 | 10.00 | Inverted | 38 | 1.9, 2.1 |
| Sriver G3 FX | Super Speed | 13.50 | 10.00 | Inverted | 32 | 1.9, 2.1 |
| Super Anti | Specialty | 4.00 | 3.00 | Inverted | 25 | 1.9 |
| Super Anti Special | Specialty | 2.50 | 2.60 | Inverted | 28 | 1.9 |
| Tackifire C | Super Spin | 8.50 | 11.00 | Inverted | 41 | 1.3, 1.7, 1.9, 2.1 |
| Tackifire C Soft | Super Spin | 8.50 | 11.00 | Inverted | 34 | 1.9, 2.1 |
| Tackifire Drive | Super Spin | 9.00 | 9.25 | Inverted | 38 | 1.9, 2.1 |
| Tackifire Special Soft | Super Spin | 9.50 | 9.75 | Inverted | 38 | 1.9, 2.1 |
| Tackiness Chop | Super Spin | 6.50 | 10.00 | Inverted | 32 | 1.5, 1.7, 1.9 |
| Tackiness Chop II | Super Spin | 7.50 | 10.00 | Inverted | 41 | 1.7, 1.9 |
| Tackiness Drive | Super Spin | 8.50 | 9.00 | Inverted | 38 | 1.7, 1.9, 2.1 |
| Tenergy 05 | Super Speed | 13.00 | 11.50 | Inverted | 36 | 1.9, 2.1 |
| Tenergy 25 | Super Speed | 13.25 | 11.00 | Inverted | 36 | 1.9, 2.1 |
| Tenergy 64 | Super Speed | 13.50 | 10.50 | Inverted | 36 | 1.9, 2.1 |

Rubber Usage at the 2009 World Table Tennis Championships

TENERGY Series Used Of All Players:

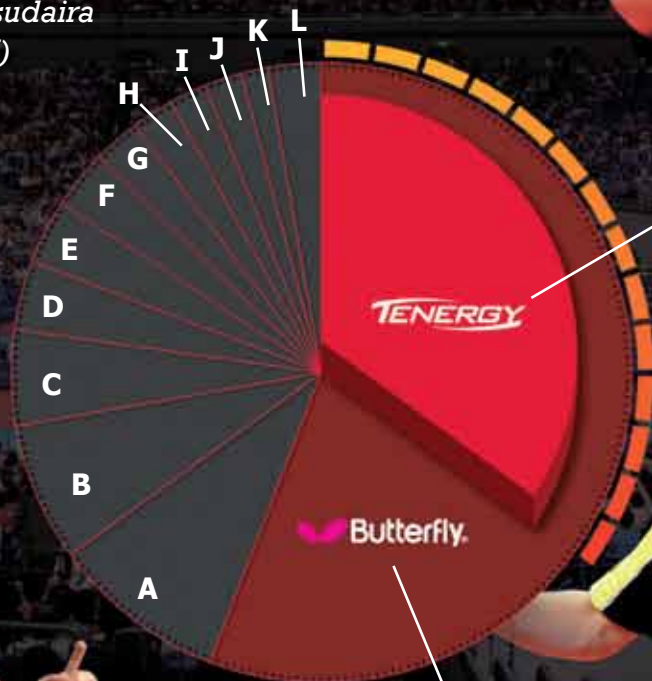
35.02%

Kenta Matsudaira (JPN)

Seiya Kishikawa (JPN)

Jun Mizutani (JPN)

Zhang Yining (CHN)



56.10%

BUTTERFLY Rubbers Used Of All Players

*The market research was conducted by BUTTERFLY and involved 98% of all the participants at the 2009 World Championships.

Surprising usage percentage at the World Table Tennis Championships in Yokohama

High Tension

High Tension rubbers have tension built into the sponge and top-sheet. This helps reduce the amount of energy lost at the point of impact. In essence, it turns the speed of your opponent's shot into additional power for you. In short, High Tension rubbers are fast, VERY FAST.



TENERGY was outstandingly successful at the 2009 World Championships; the popularity of the rubber was breathtaking.

Butterfly

Spring Sponge

The Jun Mizutani View



His views on the Characteristics of the three TENERGY Rubbers

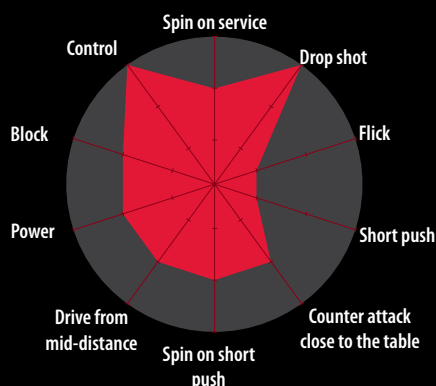
TENERGY 64 has the best speed; it also gives you power when you play at mid-distance or away from the table. I recommend this rubber for those players who excel in rallies.

TENERGY 25 provides a high level of spin and is good when playing over the table; I think this rubber is ideal for those who play close to the table.

TENERGY 05 gives the perfect combination for spin and speed; it is the equilibrium; I am sure this rubber is good for all players whether male or female.

For All-Around Play

TENERGY 05



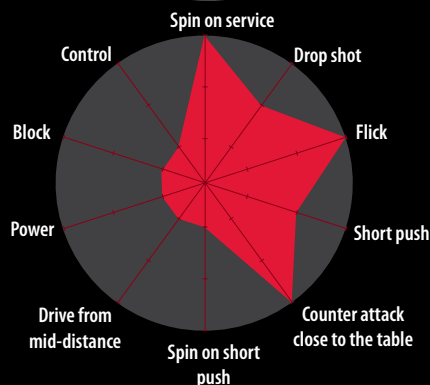
| Super Speed | 13.0 | 11.5 | 36 | 1.9, 2.1 |
|-------------|------|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

TENERGY 05

Butterfly's first rubber to feature the new "Spring Sponge" technology. Spring Sponge feels hard yet its new technology allows it to hold the ball on the racket longer. Tenergy 05 combines this new explosive sponge with a new tensioned topsheet that has maximum surface grip. The result is a rubber that produces massive amounts of spin on serves and topspin drives. Tenergy is also one of the fastest most explosive rubbers in our line; all without the use of any speed-glues or tuning. Tenergy will keep its speed throughout the life of the rubber without need for any special treatments.

For Fast Attack Close To The Table

TENERGY 25



| Super Speed | 13.25 | 11.0 | 36 | 1.9, 2.1 |
|-------------|-------|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

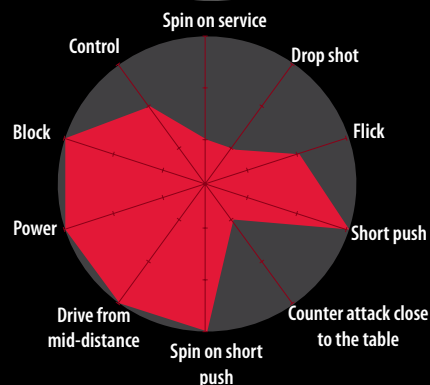
TENERGY 25

Power and precision for playing close to the table TENERGY is the revolutionary reversed rubber. TENERGY combines the innovative "Spring Sponge" with "High Tension" technology. TENERGY 25 receives top marks; in various tests with Butterfly sponsored world class players, proved to be the most suitable for playing close to the table. TENERGY 25 has pimples of a larger diameter than other rubbers; this creates dynamic attacking play, enabling heavy rotation to be imparted on the ball.

TENERGY 25 is the perfect solution for players with strong and accurate, attacking strokes.

For Ultimate Attack

TENERGY 64



| Super Speed | 13.5 | 10.5 | 36 | 1.9, 2.1 |
|-------------|------|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

TENERGY 64

TENERGY 64 is the fastest attacking rubber of the TENERGY family; the No. 64 being the development code of the pimples used in producing this reversed rubber. BUTTERFLY's High Tension technology has enabled a fast dynamic rubber to be produced by utilizing the innovative SPRING SPONGE. SPRING SPONGE enables a player to "grip" the ball and "catapult" the return back at high speed and with heavy spin. TENERGY 64 is ideal for the mid-distanced offensive player.

RUBBERS

BRYCE, BRYCE FX, BRYCE HARD



35
DEN

1.9, 2.1
THICKNESS

Powered by High Tension, which reduces energy loss at the ball rebound as much as 18% compared to other rubbers. As both rubber and sponge are flexible and highly resilient, they catch and absorb the oncoming ball and catapult it with your own added speed and spin.



33
DEN

1.9, 2.1
THICKNESS



Super Speed
CLASS

12.0
SPD

9.5
SPN

38
DEN

2.1
THICKNESS



SRIVER G3, SRIVER G3 FX



38
DEN

1.9, 2.1
THICKNESS



32
DEN

1.9, 2.1
THICKNESS

We have now successfully built into the legendary SRIVER, the latest development of High Tension Technology for the post glue era. The result is SRIVER G3, a big step forward for SRIVER in both speed and spin. We have retained the typical playing characteristics of SRIVER in both steep trajectory and power. SRIVER G3 keeps the traditional values of past successes but offers greater spin and speed for the post glue era.



Super Speed
CLASS

13.5
SPD

10.0
SPN

SRIVER G2, SRIVER G2 FX



36
DEN

1.9, 2.1, MAX
THICKNESS



32
DEN

1.9, 2.1, MAX
THICKNESS

For 30 years, Sriver has been the international standard for table tennis rubbers. Butterfly presents the second generation Sriver, Sriver G2, which is powered by Butterfly's High Tension technology. G2 provides the same touch and ball trajectory, combining this with High Tension technology to gain greater speed and even stronger spin.

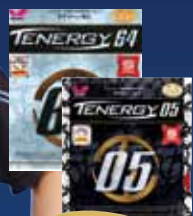


Super Speed
CLASS

11.5
SPD

9.5
SPN

ZHANG YINING (CHN)
2009 World Champion
Innerforce ZLC
Tenergy 05 / Tenergy 64



BRYCE SPEED, BRYCE SPEED FX



| 38 | 1.9, 2.1 |
|-----|-----------|
| DEN | THICKNESS |



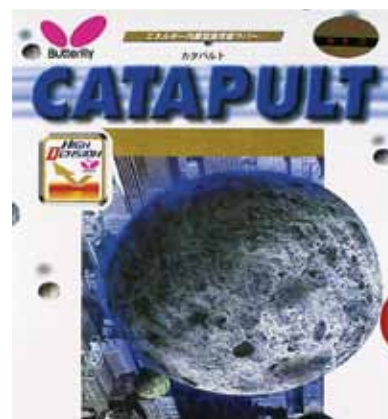
| 32 | 1.9, 2.1 |
|-----|-----------|
| DEN | THICKNESS |

More speed, more power, a rubber that even exceeds BRYCE. A High Tension, high quality rubber for champions of the next generation; produced under strict quality control, BRYCE SPEED has a higher energy efficiency, more speed and greater power than even BRYCE itself. Try BRYCE SPEED and experience the superb advanced High Tension technology of Butterfly.



| Super Speed | 14.0 | 9.75 |
|-------------|------|------|
| CLASS | SPD | SPN |

CATAPULT



Because the molecules of caoutchouc add more tension and increase elasticity, it means more spin and speed. You achieve better control since both surface and sponge become much softer. CATAPULT contains very high tension in itself and is very soft. The sharp sound, heavy spin, and high speed are proof of the quality. CATAPULT your game into the next millennium.



| Super Speed | 11.0 | 9.0 | 32 | 1.9, 2.1, MAX |
|-------------|------|-----|-----|---------------|
| CLASS | SPD | SPN | DEN | THICKNESS |

SOLCION



A softer sponge addition to our High Tension line of Table Tennis Rubbers. Solcion offers great speed & spin and excellent pop sound, all in a more controllable high tech rubber. Solcion's softer High Tension Sponge holds the ball on the racket a little longer giving you more control over both your own returns and your opponent's as well.



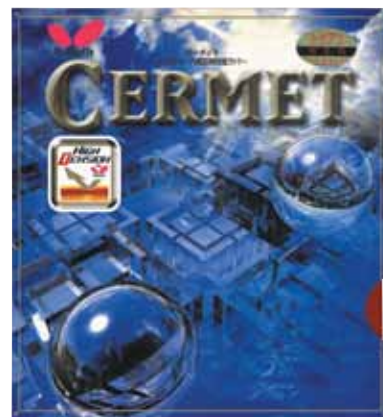
| Super Speed | 10.5 | 8.5 | 28 | 1.9, 2.1 |
|-------------|------|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

CERMET

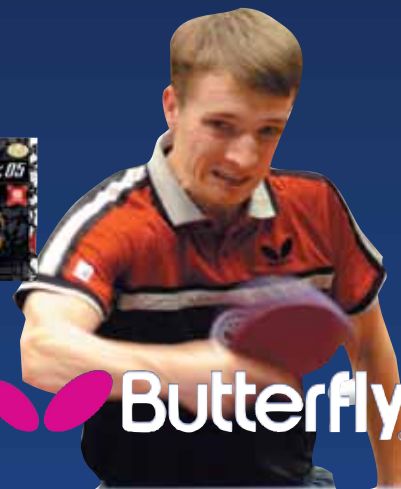
Cermet combines features of both the power of Bryce and the control of Catapult. The result is a rubber that both power players and technical players will love. (Bryce with manners) Cermet's unique mid-soft sponge produces a medium ball curve.



| Super Speed | 11.5 | 9.25 | 34 | 1.9, 2.1 |
|-------------|------|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |



WERNER SCHLAGER (AUT)
2003 World Champion
Schlager Carbon
Tenergy 05 / Tenergy 05



Butterfly

弾

Consistent reaction and controlled performance

速

Heavy speed produced by High Tension Technology

音

A clear sound when hitting the ball



Reaction, Speed and Sound are the development concepts of ROUNDDELL. The rubber is targeted at the players in the primary and the intermediate stages of play. Do you want to fulfill your potential and have the best performance ever? ROUNDDELL will fulfill your potential and unleash your dormant talent.

ROUNDDELL

NEW



| | | | | |
|-------------|------|------|-----|-----------|
| Super Speed | 12.8 | 10.2 | 35 | 1.9, 2.1 |
| CLASS | SPD | SPN | DEN | THICKNESS |

The Next Step Towards Greatness. ROUNDDELL provides a fresh glue feel and sound when contacting the ball due to the very flexible top sheet and sponge.

"I think ROUNDDELL is easy to use; the characteristics make imparting spin and blocking easy. It is rather soft but has enough power for attack; it can be recommended to the wide range of players from beginners to advanced."



Jin Ueda (JPN)
Mens Singles Winner at
Japan National TTC (Junior) in 2009

TACKIFIRE C, TACKIFIRE C SOFT



| 41 | 1.3, 1.7, 1.9, 2.1 |
|-----|--------------------|
| DEN | THICKNESS |

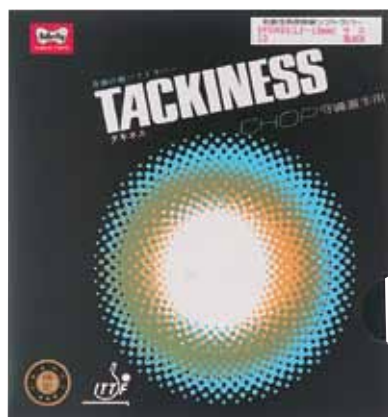
| 34 | 1.9, 2.1 |
|-----|-----------|
| DEN | THICKNESS |

The most notable trait is its tacky surface, which makes you think of a Chinese rubber. By this the strength of the rubber lies in a controlled service, return play with loads of spin, and in the block-play. Another winner from Butterfly.

| Super Spin | 8.5 | 10.0 |
|------------|-----|------|
| CLASS | SPD | SPN |

TACKINESS CHOP

The highest spin and most control of Butterfly's defensive rubbers. Quite favorable results occur when using a combination racket with anti-spin or long pips rubber on one side. Capable of producing more revolutions than France.



| Super Spin | 6.5 | 10.0 | 32 | 1.5, 1.7, 1.9 |
|------------|-----|------|-----|---------------|
| CLASS | SPD | SPN | DEN | THICKNESS |

TACKIFIRE SPECIAL SOFT

The fastest of the of all the tackifire rubbers. TACKIFIRE SPECIAL SOFT combines an offensive sponge with a tacky rubber to produce a rubber for the very offensive minded looper.



| Super Spin | 9.5 | 9.75 | 38 | 1.9, 2.1 |
|------------|-----|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

TACKINESS DRIVE

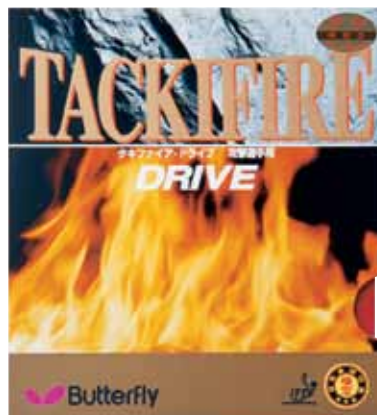
Designed for the controlled spin player, TACKINESS DRIVE rubbers are equally at home for the steady looper or blistering chopper looking for more speed in his/her attack.



| Super Spin | 8.5 | 9.0 | 38 | 1.7, 1.9, 2.1 |
|------------|-----|-----|-----|---------------|
| CLASS | SPD | SPN | DEN | THICKNESS |

TACKIFIRE DRIVE

Combination of a elastic sponge formula with a tacky and extra soft top sheet provides more power for attack and easier ball control. Tackifire provides a frightening volume of topspin for consistent loop drives. Heavy backspin for defensive and service play.



| Super Spin | 9.0 | 9.25 | 38 | 1.9, 2.1 |
|------------|-----|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

TACKINESS CHOP II

Developed to meet and exceed the needs of the modern controlled defensive player. It's specially designed sponge has more rebound and makes attacking easier and more effective. A new weapon for the next generation of defensive players has been born.



| Super Spin | 7.5 | 10.0 | 41 | 1.7, 1.9 |
|------------|-----|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

RUBBERS

SRIVER, SRIVER EL, SRIVER FX



| 38 | 1.5, 1.7, 1.9, 2.1, Max |
|-----|-------------------------|
| DEN | THICKNESS |



| 35 | 1.7, 1.9, 2.1, Max |
|-----|--------------------|
| DEN | THICKNESS |



| 33 | 1.9, 2.1, Max |
|-----|---------------|
| DEN | THICKNESS |

| All-Round | 10.0 | 8.0 |
|-----------|------|-----|
| CLASS | SPD | SPN |

Sriver is the most successful Butterfly Rubber since it was introduced in 1967. More than 20 world and 70 European have won their titles with Sriver. The combination of the hard and spinny rubber on the surface with a medium hard and flexible sponge makes Sriver the natural choice for all round attacking players. It's consistency proves it is the all time winner.

SAPPHIRA

A rubber for controlled offensive strokes. Every all-round player requires more aggressive element in his/her game nowadays. Sapphira is an all-round rubber that makes your offensive strokes more powerful. A wide range of players, from beginners to veterans, will find Sapphira an advanced rubber for the modern all-round strategy.



| All-Round | 8.75 | 8.5 | 35 | 1.9 |
|-----------|------|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

FLEXTRA

A flexible topsheet on a soft sponge produces good spin with moderate speed and exceptional control. Rubbers like Flextra are perfect for the player relying on variation of speed and spin to force errors from the opponent.



| All-Round | 8.25 | 8.75 | 32 | 1.7, 1.9 |
|-----------|------|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

ASK THE EXPERTS...

Question: "Hi, I am a J-pen player who is a offensive minded looper/driver. Sriver is just a little too slow for my style of play. I'm looking for a rubber that maintains a soft to medium feel and that provides more speed and spin than Sriver EL. I am looking at Bryce FX and Sriver G2 FX. Which rubber would you recommend for me? Feel free to include any other rubber suggestions :) I also wish to adopt a style of play similar to Kim Taek Soo or Ryu Seung Min."

Answer: You definitely want long pips on one side and some sort of inverted to be able to make spin on the other side (For serving/pushes/some attacks). With some practice, it will be easier to chop w the long pips side than the smooth spinny side. I would suggest trying the Feint Long III with 0.5mm sponge first. The nice thing about this rubber is its ability to attack also, because the grippy pips can get some grip on the ball allowing some offense. Any follow-up questions, please let us know.

Best wishes, Mark Nordby
USATT National Coach



OH SANG EUN (KOR)
2009 Japan Open Champion
Oh Sang Eun
Tenergy 64 / Tenergy 64



FEINT SOFT

A "standard" long pimped rubber that is outstanding for chopping against topspin drives. The long pips send your opponent's spin back to him/her. Usually used in combination with a high spin inverted rubber to force errors from the opponent. The easiest of the long pipped rubbers to control.



| Specialty | 5.5 | 3.5 | 25 | 1.5 |
|-----------|-----|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

FEINT AG

Finally a long-pip rubber designed for the aggressive all-round player. Feint AG features softer more flexible pips and Butterfly's famous High Tension Technology. The result of this combination is a rubber which can produce a wide variety of spin returns and also produce fast attacking strokes. With Feint AG, you can attack your opponent's topspins and produce fast no-spin returns that have a strong sinking action.



| Specialty | 7.0 | 4.0 | 28 | 1.3, 1.7 |
|-----------|-----|-----|-----|-----------|
| CLASS | SPN | SPD | DEN | THICKNESS |

SUPER ANTI

SUPER ANTI has an exceptionally low friction topsheet designed to produce a no-spin ball more commonly referred to as: dead, knuckle, slime, junk, cheese, or %\$#@! ball. Effective when used as part of a combination racket with rubbers of an offensive nature on the other side of the racket.



| Specialty | 4.0 | 3.0 | 25 | 1.9 |
|-----------|-----|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

SUPER ANTI SPECIAL

A slower version of SUPER ANTI having great feel for controlling loop drives. SUPER ANTI's surface sheet combined with a softer sponge makes this all-round anti-spin rubber best suited for blocking and chopping. Most effective when used as part of a combination racket with rubbers of an offensive nature on the other side of the racket. Black Only.



| Specialty | 2.5 | 2.6 | 28 | 1.9 |
|-----------|-----|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

FEINT OX

The FEINT-OX surface sheet without sponge backing. Good for close-to-the-table defense. Somewhat harder to control than FEINT-SOFT. Another one of the Feint rubbers that drives opponents crazy.



| Specialty | 4.5 | 3.5 | n/a | OX |
|-----------|-----|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

FEINT LONG III, FEINT LONG III OX



| 25 | 0.5, 1.3 |
|-----|-----------|
| DEN | THICKNESS |



| n/a | OX |
|-----|-----------|
| DEN | THICKNESS |

Designed for the aggressive chopper, Feint Long III features a softer more flexible top sheet combined with a softer sponge. The result is a long pip rubber ideal for long range heavy chopping strokes with maximum control.

FEINT LONG II, FEINT LONG II OX



| 38 | 0.5, 1.3 |
|-----|-----------|
| DEN | THICKNESS |



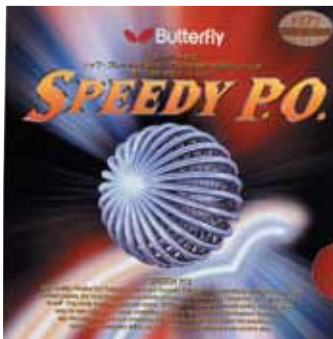
| n/a | OX |
|-----|-----------|
| DEN | THICKNESS |

The effect of long pimped rubbers is maximized when the pimples are easily bent and deformed. The thinner and taller the pimples, the more effective they are. The aspect ratio (the length of the pimple divided by the width of its top) of FEINT LONG II has reached the limits of the ITTF rule.

| Specialty | 6.25 | 3.25 |
|-----------|------|------|
| CLASS | SPD | SPN |

RUBBERS

SPEEDY P.O., SPEEDY P.O. SOFT



| 32 | 1.9 |
|-----|-----------|
| DEN | THICKNESS |

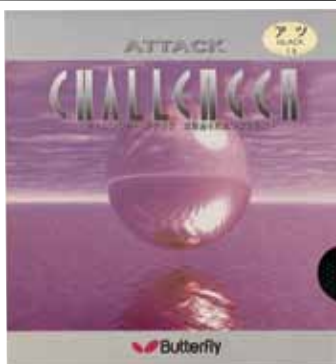
| 35 | 1.9 |
|-----|-----------|
| DEN | THICKNESS |

High quality pips-out rubber produced in close cooperation with Butterfly's elite players. While Speedy P.O. Soft provides excellent speed, Speedy P.O. still produces lower trajectory shots than other pips out rubbers. It gives precise placement whether attacking or blocking.

| Pips-Out | 10.0 | 6.0 |
|----------|------|-----|
| CLASS | SPD | SPN |

CHALLENGER ATTACK

Ideal for the pips-out player looking for more spin variation as well as easy control over the opponent's shots. CHALLENGER-ATTACK produces far more spin than normal pimped-out rubbers. Used by U.S. Women's champion, Gao Jun.



| Pips-Out | 9.5 | 6.5 | 35 | 1.5, 1.9 |
|----------|-----|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |



FLARESTORM II

NEW

Increased speed is the most striking characteristic of FLARESTORM II when compared to the former version of FLARESTORM. The low trajectory and the fast speed will meet all that you expect from a pips out rubber.



| Pips-Out | 11.7 | 6.7 | 32 | 1.9, 2.1 |
|----------|------|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

FLARESTORM

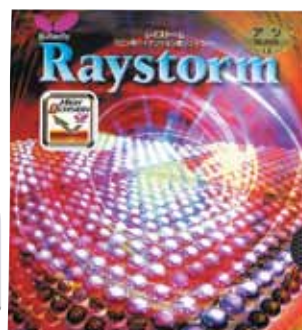
Flarestorm combines the classic short pip characteristics of quick rebound and flat drives with our High Tension Technology. The result is a rubber that can match the explosiveness of a powerful topspin drive from the fastest inverted rubbers. Flarestorm controls your opponent's spin well and offers a high level of control in the short game.



| Pips-Out | 11.0 | 6.0 | 36 | 1.7, 1.9, 2.1 |
|----------|------|-----|-----|---------------|
| CLASS | SPD | SPN | DEN | THICKNESS |

RAYSTORM

Softer pimples give more spin but they are often not fast enough. This factor has now been overcome through Butterfly's original High Tension technology, which adds enormous tension within the molecular structure of the rubber. Raystorm provides a high level of control and great spin, while the "High Tension" adds the speed you always missed in a softer pimped rubber sheet.



| Pips-Out | 9.75 | 7.0 | 34 | 1.9, 2.1 |
|----------|------|-----|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

ORTHODOX

Butterfly offers ORTHODOX rubber to those of the old school who appreciate the extraordinary ball control of non-sponge rubbers. Recommended rubber for hardbat.

| Pips-Out | 6.0 | 4.25 | N/A | OX |
|----------|-----|------|-----|-----------|
| CLASS | SPD | SPN | DEN | THICKNESS |

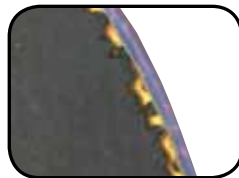


How Can I Provide Proper Care For My Racket?

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. 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.

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.



WORN EDGES



TOP-SHEET DETERIORATION

A Good Rule of Thumb:

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

If I Choose A Custom Made Racket (CMR), Are The Rubber Sheets Replaceable?

Yes. Unlike the Butterfly pre-assembled recreational paddles, the glue that is used to assemble the rubber sheets to a CMR model will allow for easy removal when it is time to replace the rubber sheets. As always, we will be happy to assemble the racket for you at no extra charge.

Changing the Rubber on your Custom Made Racket



Spread chack evenly over wood using just enough to cover blade.



Spread Chack evenly over sponge side of each rubber sheet and allow to dry.



Once both have completely dried, start with trademark side of the rubber sheet at the top of the handle and roll sheet evenly on to wood to avoid air bubbles.



Using a cylindrical object, roll evenly across rubber sheet while applying firm pressure



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.

Which Cleaner Should I Use?

Many players lose points because they forget to take sufficient care of their rackets. Clean your rubbers before and after the match. Put a rubber adhesive film on to keep the original tackiness of the rubber. Then put your racket into a racket case, that keeps it away from sunshine and moisture. The rubber surface is highly sensitive. Take good care of it so that it is free from dust, oil and other dirt. Clean it carefully, so your rubber retains its original playing quality. Make sure that the rubber surface is always clean. Many forget this and wonder why their topspin is not powerful enough.

Butterfly carries three different cleaners specifically designed for table tennis use. They are all excellent for cleaning the rubber surface and will not harm it in any way. They are:

- Rubber Soap - foam cleaner
- Combi-Clean - liquid cleaner with a built-in sponge applicator
- Cure Water - pump spray.

At BUTTERFLY, we are also environmentally friendly. All our rubber cleaners are VOC (Volatile Organic Compound) free.



VOC FREE

Butterfly

ASK THE EXPERTS...

Question: "I have been playing for a little over two years and in that time I have gone from a 1000 rating to 1900. I like the feel of my racket and rubbers but I think I am lacking a little speed. Do you recommend changing my racket or rubber/sponge? I like a soft feel. Do you have any recommendations on whether I should change anything and if so what would you recommend changing to?"

Answer: Hi Justin, First of all, I would like to congratulate you on reaching a 1900 level in only two years of play. That is a major achievement. The first thing that I would suggest you try is moving up from the 1.9 mm sponge to a 2.1 sponge. Very few players at your level use the 1.9 and the thicker sponge will add more speed into your game. If you still feel like more speed is needed, and you can control it, then you can consider changing your blade.

Best wishes, Richard McAfee, USATT National Coach and Hall of Fame Member

CURE WATER

NEW

Cure Water is a non-toxic, non-flammable cleaner that returns the rubber surface to its natural tacky state. The pump feature allows for better placement and more control of your cleaner.

VOC
FREE



150ml

PACKUN' CARE SPONGE

Packun' Care Sponge is a sponge wiper attached to a hard plastic case for use with rubber cleaners. It helps to keep your hands and bag clean.



COMBI-CLEANER

This rubber cleaner features a built-in sponge at the tip for easy application.

VOC
FREE



90 ml

RUBBER SOAP

NEW

Rubber Soap is a non-gas foam cleaner. Please put out the proper quantity to the rubber, and wipe off with a sponge made exclusive for rubbers.

VOC
FREE



80 ml

RUBBER CARE SPONGE

Rubber Care Sponge is a sponge wiper for rubber cleaners. Blue side is dense. The softer yellow side is best suited for use with foam cleaners like Rubber Soap.



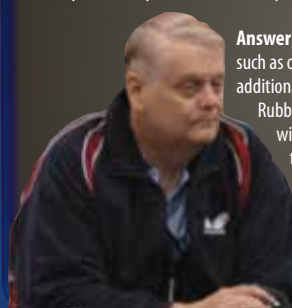
PIPS BRUSH

Soft bristled brush that's excellent for cleaning between both long and short pips.



ASK THE EXPERTS...

Question: "How many layers do I have to use when I want to glue my rubbers. If I use two layers, will my blade have more speed and spin?"



Answer: The current rules require that only water-based glues, such as our Free Chack, be used. These types of glues do not add additional speed to the rubber. The good news is that our Tenergy Rubbers were designed to produce maximum speed and spin without help from the glue. So when assembling your rubbers to the blade just one medium coat of glue will do fine. Best of luck with your game.

Richard McAfee, USATT National Coach and Author of, "Table Tennis, Steps to Success"

FREE CHACK

Free Chack glue is made from 100% liquidized natural caoutchouc (natural rubber). After a short drying period, it sticks the sponge and the blade surface together perfectly. It is also very easy to remove the rubber from the blade and to peel off the remaining glue from the sponge.

**VOC
FREE**

- 37ml bottle includes 8 sponges & a clip
- 90ml bottle includes 15 sponges & a clip
- 500ml bottle includes 50 sponges & a clip



ADHESIVE RUBBER FILM

Adhesive Rubber Film is similar to the Rubber Protective Film but with a tacky surface to adhere the film to the rubber. This allows the best protection for your rubber. The wax paper separator protects film while you are playing. Comes with 2 sheets.



RACKET SHEET

Colored racket sheets with adhesive back is designed to cover the wooden side of penhold blades satisfying the ITTF two-color rule. Colors: Black, Red.



CHACK SHEET

Chack Sheet is a transparent glue sheet with two adhesive sides for quick and easy assembly of rubber to your blade. It helps with ball control.



World Champions Table Tennis Academy

Where Champions Are Made

Butterfly

650-804-8054

www.tt-champions.com

ACCESSORIES & CASES

COLOR FILM RB

Color Film RB are film sheets which cover rubber, protecting surface from air, oil and dust during storage.



SIDE TAPE-URETHANE

0.45 mm thick urethane backing provides the best side tape protection available for your racket's edge. More control than Power Tape. One roll is enough for one racket. 50cm x 10mm



RUBBER GRIP

Rubber Grip adds thickness and comfort to your racket handle. Prevents slippage.



SIDE TAPE CLOTH

Side Tape Cloth is a large roll of protective tape to protect racket's edge. One roll will edge about 115 rackets.



POWER TAPE

Power Tape adds weight to the head of the racket for reduced vibration and more power. Included are five separate 1 gram pieces.



SOFT GRIP

When applied, the soft grip adds comfort and thickness to the handle. Color: Black



STYLE DX CASE**NEW**

- Very solid, with side handle
- Main compartment with separating net for accessories
- Removable hard plastic divider for extra protection
- Outer pocket
- Color: Black/Silver/Red
- 100% Jacquard Polyester

**B CASE**

Popular single racket case with padded front and back panels for protection. Features include a front zippered pouch. Color: Black

**STYLE TOUR CASE****NEW**

- One compartment, with side handle
- Removable hard plastic divider
- Outer pocket
- Color: Black/Silver/Red
- 100% Jacquard Polyester

**NUBAG II DX CASE**

- Spacious main compartment
- Separating net for accessories
- Side handle
- Removable hard plastic divider
- Zippered large outer pocket
- Holds two rackets
- 100 % Jaquard Polyester
- Colors: Beige & Lime

**NUBAG II TOUR CASE**

- Main compartment holds 2 rackets
- Side handle
- Removable hard plastic divider
- Zippered large outer pocket
- 100 % Jaquard Polyester
- Colors: Beige & Lime

**HARDFULL CASE II**

The Hardfull Case II, made of a durable plastic material, provides excellent protection for your racket. One half of the interior offers an elastic strap to keep your racket securely in place while the other half features a mesh pocket, ideal for storing small items during play. Zipper pull with carrying strap. Colors: Black, Blue and White.



CHUAN CHIH-YUAN (TPE)
 2002 Pro-Tour Finals Champion
 Chuan Chih-Yuan
 Bryce Speed / Tenergy 05

Butterfly

RACKETS

BLADES

RUBBERS

MAINTENANCE

APPAREL

ACCESSORIES

COURT

TABLES

AZURE SOCK & KURO SOCK

Sport socks, reinforced at toes and heels.
75 % cotton, 17 % Spandex, 8 % Elastan.
Colors: Blue/White, Black/White
Sizes: S(4.0-6.0)
M(7.0-9.0)
L(9.0-12.0)



Azure

Kuro

INNERSOLE

Extra cushion innersoles for your lightweight table tennis shoes.
Sizes: S(4-6),
M(4.5-6.5), L (7-10)



8001 WHITE SHOE

Extremely lightweight shoes with canvas body and high friction rubber sole.
Sizes: 4.0 - 10.0



| | | | |
|--------|---------|---------|----------|
| 224g | LOW | MED | MED/HIGH |
| WEIGHT | SUPPORT | CUSHION | TRACTION |

RADIAL NEW COACH

Very comfortable leisure shoes for wearing before or after practice. The shoe possesses an EVA inner lacing, a non marking sole and is designed to enable increased flexibility and movement.

Sizes: 6.0, 7.0-9.5, 10.5, 11.0



| | | | |
|--------|---------|---------|----------|
| 362g | HIGH | MED | HIGH |
| WEIGHT | SUPPORT | CUSHION | TRACTION |

RADIAL EL SHOE

The shoe combines comfort, support and is light weight(260 grams), with the unique design enabling the shoe to be laced according to personal preference.

Furthermore, the mesh inserts enable the foot to breathe.
Sizes: 4.5-6.0, 7.0-9.5, 10.5, 11.0, 12.0



| | | | |
|--------|---------|----------|----------|
| 247g | MED | MED/HIGH | MED/HIGH |
| WEIGHT | SUPPORT | CUSHION | TRACTION |

808 II SHOE

A good all-round shoe with a tacky rubber sole.
Sizes: 4.5 - 10.0



| | | | |
|--------|---------|---------|----------|
| 227g | LOW | MED | MED/HIGH |
| WEIGHT | SUPPORT | CUSHION | TRACTION |

WIN-1 SHOE

NEW

Butterfly brings you a new novel style, lightweight shoe.

The Win-1 shoe offers you:

- Dual-density EVA midsole for focused support and cushioning
- Perforated upper materials for superior breathability
- Non-marking/skid resistant outer rubber sole
- Padded innersole and collar for comfort
- Sizes: 4.5-10



| | | | |
|--------|---------|---------|----------|
| 227g | MED | MED | MED/HIGH |
| WEIGHT | SUPPORT | CUSHION | TRACTION |

ENERGY FORCE III SHOE

Energy Force III is loaded with the impact absorbing "ASICS-GEL", excellent gripping material "NC Rubber", and the extra hard EVA which makes weight transfer much easier. "Energy Force III" are high spec shoes filled with all the functions a top player needs.

• Sizes: 4.5 - 11.0

- ASICS-GEL is a damping pulp, neither liquid nor solid, substantially reduces impact and thus reduces the strain on legs and joints.
- The NC Rubber is loaded in the shoes, and shows it's gripping power that sticks well.
- SpEVA is in the inner sole of the shoe to reduce the impact and repel at the same time to support your steps.
- The shoe tongue which is split in two will hold the foot firmly and increase stability.
- The extra hard EVA used on the outer sole will help you smoothly move your weight from the kick off to step in.



| | | | |
|--------|----------|---------|----------|
| 227g | MED/HIGH | HIGH | HIGH |
| WEIGHT | SUPPORT | CUSHION | TRACTION |

RACKETS

BLADES

RUBBERS

MAINTENANCE

APPAREL

ACCESSORIES

COURT

TABLES

ARION SHIRT

NEW

100% Micro Dryfit Polyester
Color: Royal & Light Blue
Sizes: XS-XXXL



RESISENO SHIRT

NEW

100% Polyester
Color: Navy & Red
Sizes: XS-XXXL



INOSHIRT

NEW

100% Micro Dryfit Polyester
"living table tennis"
Size: XS - XXXL
Colors: Red, Black, White



BULL SHIRT

Button up collar front
Material: 100% Micro Polyester
Colors: Navy/Blue, Black/Gray
Sizes: XS-XXL



ELEMENT SHIRT

Button up collar front
Material: 100% Micro Polyester
Size: XS - XXXL
Colors: Purple/Silver/Black
Silver/Gray/Black



TIMO BOLL ALC-T-SHIRT**NEW**

Butterfly's ALC T-Shirt displays the Timo Boll ALC blade on the back. The front displays a stylish vertical Butterfly logo. 100% cotton.

Size: S - XXXL.



FRONT

BACK

DRAGON T-SHIRT

Material:

100% Micro

Polyester

Sizes:

XS-XXXL

**TENERGY T-SHIRT**

The Tenergy T-shirt features Butterfly's Tenergy logo. 100% cotton. Size: XS - XXXL.



FRONT

BACK

'Living Table Tennis' HOODIE**NEW**

The living table tennis hoodie displays the Butterfly logo with "living table tennis" on the front. The "ultimate cotton" adult pullover features a drawstring hood, muff pocket, and cotton/Spandex cuffs with a relaxed waistband. 90% Cotton, 10% Polyester. Size: S - XXL.

**JUN MIZUTANI (JPN)**

2009 World Championships –

Mens Doubles Finalist

Mizutani Jun

Tenergy 64 / Tenergy 64



TRACKSUITS & BAGS

CUPIDO TRACKSUIT

NEW

100% plain Micro Polyester

Jacket:

- Inner zip for easier flocking
- Mesh lining
- Two side pockets with zip

Pants:

- Long zips for easy wear
- Mesh lining
- Hip cord

Size: XS - XXXL



FORMULA TRACKSUIT

Same design and material as the Geo Tracksuit.

Size: XS - XXXL



RACER SHORTS

Racer Shorts are stylish lightweight shorts with elastic waist and drawstring to ensure secure fit. Comes with 2 front pockets. These shorts enable easy maneuverability. Gray/Black. 100% Polyester.

Size: XS - XXL



GEO TRACKSUIT

Fashionable tracksuit with mesh lining in jacket and pants. Jacket has two zipper pockets, one on each side. Straight leg pants with adjustable zipper to ease dressing.

Mesh Lining

Material: 100%

Micro Polyester

Color: Navy/Gray

Size: XS - XXL



NEW BASIC SHORTS

The New Basic Shorts feature Replex fabric, a high density woven microfiber offering superior resistance to water penetration. These shorts come complete with pockets and feature a breathable mesh liner. Elastic waistband with drawstring pull. Material: 100% polyester. Size: XXS - XXXL. Colors: Black, Navy



REGUROUS SHORTS

A little longer than the New Basic Shorts, these soft and comfortable 100% polyester shorts feature pockets and a full elastic waistband with drawstring. Sizes: XXS - XL. Colors: Navy, Black.



NUBAG II SPORT BAG

A well designed bag collection with many features; sporty and functional with a top quality and attractive design. The Sport is a smaller Maxi without wheels.

- Two spacious outer pockets
- Removable bag for wet clothes
- Reinforced bottom
- Adjustable carry belts
- 100 % Jaquard Polyester
- 70 x 32 x 32 cm
- Color: Beige/Black & Green/Black



NUBAG II MIDI BAG

A well designed bag collection with many features; sporty and functional with a top quality and attractive design. The Midi is an exact replica of the Sport but a touch smaller. Great for the smaller/younger players.

- Two spacious outer pockets
- Removable bag for wet clothes
- Reinforced bottom
- Adjustable carry belts
- 100 % Jaquard Polyester
- 60 x 30 x 30 cm
- Color: Beige/Black & Green/Black



NUBAG II MAXI BAG

A well designed bag collection with many features; sporty and functional with a top quality and attractive design.

- Two spacious outer pockets
- Removable bag for wet clothes
- Reinforced bottom
- Durable wheels
- Retractable handle
- Resilient side holder
- Adjustable carry belts
- 100 % Jaquard Polyester
- 80 x 34 x 34 cm
- Color: Beige/Black & Green/Black



NUBAG II RUCKSACK

A well designed bag collection with many features; sporty and functional with a top quality and attractive design.

- Large main inner compartment
- Convenient outer compartment
- Cushioned interior
- Special outlet for head set cable
- 100 % Jaquard Polyester
- 43 x 28 x 12 cm
- Color: Beige/Black & Green/Black



NUBAG II TROLLEY

A well designed bag collection with many features; sporty and functional with a top quality and attractive design. The perfect companion for the short trips when the Maxi is too large.

- Large main inner compartment
- Convenient outer compartment
- Cushioned interior
- Sturdy telescopic arm
- Durable Wheels
- 100 % Jaquard Polyester
- 45 x 32 x 18 cm
- Color: Beige/Black & Green/Black



ZORAN PRIMORAC (CRO)
2005 European Championships
– Mens Finalist
Timo Boll Spirit
Tenergy 05 / Bryce Speed



Butterfly

ACCESSORIES

BIG LOGO TOWEL

NEW

Material: 100% Cotton
Size: 142.25 x 70cm



LOGO TOWEL

Material: 100% Cotton
Size: 100 x 50cm



KEY LACE

Key Lace with detachable keyring.



LOGO HEAD/WRIST BANDS

Colors: Black, Blue and Red.



BRACELETS

Butterfly wristband with debossed logo.

Colors: White, Black, Royal, Pink.



PATCHES

Butterfly Patches. Can be sewn or ironed on.



GIFT CERTIFICATES

Eliminate the guesswork. Available in \$10, \$25, \$50, \$100, \$200, and \$250 denominations or you can specify a dollar amount.



This certificate entitles John Doe to receive \$30.00 in merchandise from the Butterfly Table Tennis Company.

MARTIN ALPINE LTD.

PETR KORBEL (CZE)

#1 Czech Republic player

KORBEL SK-7

TENERGY 05 / TENERGY 05



Official Ball 2009 & 2010 World Championships

Also available in
gross box of 144 balls.



12 Pack

3 Pack



6 Pack

TRAINING BALL GROSS PACK

40mm premium two-star quality balls ideal for service, robot, and multi-ball practice sessions. Also suited for club play. 144 ball box. Colors: Orange, White



3 BALL CASE

Durable outer shell. Holds three 40mm balls. Great for loose change or keys, too. Colors: Blue, Red, Charcoal



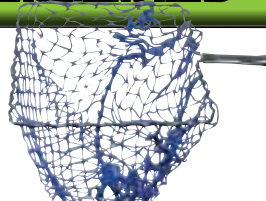
BALL AMIGO

A nice complement to the ball trainer. After service or multi-ball practice, the Ball Amigo allows for easy retrieval of balls. Save your back for the matches.



BALL AMIGO REPLACEMENT HEAD

The head to the Ball Amigo can be purchased separately to replace a worn net.



BALL TRAINER

Two of the most highly regarded avenues for quick improvement are 1) service practice and 2) multi-ball training. The BALL TRAINER provides the server or multi-ball feeder for easy access to a large quantity of balls. Adjustable height. Four wheels allow for easy transport.



44MM BALL

A larger ball will feature slower and longer rallies. Excellent for learning new techniques and improving hand-eye coordination. Great for kids. Colors: Orange
* Note: not sanctioned for tournament play.





MAZE TRIUMPHS BRYCE WINS



A winning team: Michael Maze and Bryce Speed

"Major success is always the result of teamwork. Bryce Speed, the fastest rubber from the Butterfly family, gives ferocious speed and spin; my task is to tame the weapon."*

**Michael Maze used Bryce Speed to become the European Men's Singles champion in 2009*

MINI SCOREBOARD II

New and improved. Easy to carry and now stands upright for easy scoring.
L 8 7/8" x H 5 1/2".



REPLACEMENT NET & POST

Replacement net with bars for the National League and Europa net sets. Same 72" black cotton net that comes with the National League and Europa Net Sets. Comes with metal posts, pull chain, net and string. Color: black.



NET HEIGHT MEASURE

This handy instrument is great to go along with any of your net sets. It is ideal for measuring net height and thickness of a rubber sheet.



UMPIRE TABLE

The official umpire table of the 2006-2011 U.S. Open Championships.

*Buy tournament used and save!



REPLACEMENT NET

Is your net old and blue? If so, replace it with this highly durable replacement net. Fits National League and Europa net sets. Same 72" black cotton net that comes with the National League and Europa Net Sets. Comes with net and string and is compatible with the Stallion, National League and Europa Net.



LEAGUE SCOREBOARD

Scoreboard folds into a box and features a handy time-out card on the front.

*Buy tournament used and save!



NATIONAL LEAGUE NET SET

All the features of the Europa Net Set, but with slightly more compact brackets. Fits tables up to 1.75" thick. Official net of the 2001-2011 U.S. Open & U.S. National Championships. ITTF approved.



EUROPA NET SET

The Europa Net Sets are our highest quality net sets. Features:

(1) screw-on, felt-tipped clamps (to secure brackets without scratching the table top), (2) ring chain to adjust net tension, and (3) adjustable screws to calibrate net height. Fits tables up to 1.5" thick. Official net of the 2001-2011 U.S. Open & U.S. National Championships. ITTF approved.



TABLE COVER

Made of a heavy durable vinyl and fits most tables.



EUROPA BARRIER

A must for clubs with more than one table. Professionalizes spectator events. Light and easy to erect and transport. Metal frame. PVC Cover. Dimensions: 7' 8" wide by 2' 4" tall. Official barrier of the 2001-2011 U.S. Open & U.S. National Championships.

*Buy tournament used and save!



STALLION NET SET

These net sets are similar to the National League but have a less expensive cloth net and chain. Includes felt padded clamps and a Net Height Measure. Fits tables up to 1.75 inches thick.





Butterfly[®]

TABLES

For over half a century, Butterfly has been the leading equipment producer of quality table tennis products worldwide. This commitment to quality has not been compromised when it comes to our impressive line of tables.

VARIETY

One stop table tennis shop.

Butterfly offers a wide range of table models including pool table conversion tops, recreational home use tables, durable institutional models, indoor/outdoor tables and even tables meeting the International Table Tennis Federation strict guidelines for international competition.

SURFACE MATERIAL

Only the best will do.

Chipboard

All of our Butterfly indoor table tops are comprised of high-density chipboard. The core of the chipboard is tightly compressed while the exterior region of the top is compressed even greater. This process offers superior strength over the life of the table and is less prone to warping. Chipboard offers the most consistent and truest bounce of all surfaces used in table production.

Melamine

Our two outdoor models are designed to be left outdoors; therefore, no wood is used in the production process. Both models feature a synthetic laminate top made of melamine. The melamine top is affixed to the table via a special adhesive which allows for natural temperature change during the year without compromising the surface. Melamine offers the best bounce of any material used for outdoor models.

MANUFACTURING

Not all tables are created equal.

All of our Butterfly tables are designed, engineered and produced in Germany, the world leader in table manufacturing. However, it should come as no surprise to find that they are not the only table producer in the world, but they are the best! German engineering at its finest: Volkswagen[®], BMW[®], Mercedes[®], Butterfly[®] tables. All Butterfly tables are backed by a 3 year warranty.



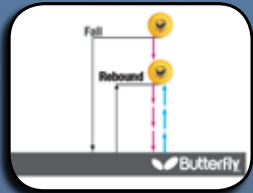


QUALITY CONTROL

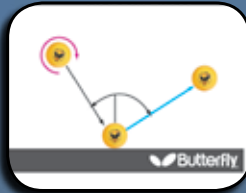
Bounce Test

There are many different points that are tested and specific rebound requirements for the different classifications of tables. All Butterfly tables are thoroughly inspected on many different points including:

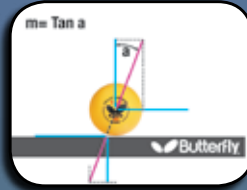
•Ball rebound



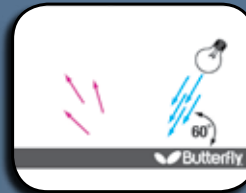
•Rotation effect



•Sliding friction coefficient



•Degree of gloss or glare



•Abrasion resistance •And much more



PACKAGING & SHIPPING



We've got you covered.

Our tables are shipped from distribution centers on the east coast, west coast and in Canada and are handled with the utmost care. In addition to the bubble wrap, foam and surface protective film that most of our tables come equipped with we incorporate our own additional packaging. We add reinforced cardboard to the sides and/or corners to most models and some tables will even arrive palletized to ensure your table arrives damage free. This total coverage approach will give you peace of mind as there will be a minimal chance of damage.

TABLES

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 ("SLT") made of melamine. All of our tables come with a sealed back to prevent warping. A wood top that is at least 1/2" thick is suitable for home or recreational play. Many tournament quality tables are 5/8" to 3/4" thick. Almost all international quality tables are a minimum of 7/8" to 1" thick. Note: It is recommended to never leave a wooden-top table outside.

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 the table. Round legs are sufficient, but square legs are more structurally sound. A few models offer a 2" solid square leg made of wood offering a classic finish.

WHEELS - All of our tables have wheels that caster so your table will roll easily. Most Institutional/tournament and international level tables offer a rubber ball bearing wheel system, providing for the smoothest rolling possible.

NET - All of our tables come with a net set. Our home and outdoor use tables offer a basic net. The Institutional/Tournament and International 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/Tournament and International 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 storage position.

APPROVAL - All of our tables are USATT approved. Some have been paid the highest compliment a table tennis table can receive, the stamp of approval from the ITTF. Our tables have been used at some of the most prestigious tournaments in the world, including: 1997 World Championships, 1999 European Championships, 1997-2002 ITTF Pro Tour Grand Finals, 2001-2006 U.S. Open Championships, and the 2001-2006 U.S. National Championships.

ANTI SKID - This 25 mm Anti Skid playing top provides a more consistent and true bounce and gives the highest performance level.

Butterfly® TABLE SPECIFICATIONS

| <div> Butterfly[®]</div> <div>TABLE SPECIFICATIONS</div> | | | TOP THICKNESS | RAIL/RIM | LEGS | WHEELS | NET | PLAYBACK POSITION | ADJUSTABLE FEET | ACCESSORY HOLDER/HASSLE-FREE NET | PRE-ASSEMBLED |
|--|---|----------------------------|---------------|-----------------------|------------------|-----------------|-----|-------------------|-----------------|----------------------------------|---------------|
| Home |  | Home Rollaway | ¾" wood | Not Available | 1" round steel | 5" double wheel | ✓ | ✓ | ✗ | ✓ | ✗ |
| |  | Personal Rollaway | 5/8" wood | 1½" steel | 1" round steel | 5" double wheel | ✓ | ✓ | ✗ | ✓ | ✗ |
| |  | Playback Rollaway | ¾" wood | 1 steel | 1" square steel | 5" double wheel | ✓ | ✓ | ✗ | ✓ | ✗ |
| Outdoor |  | Outdoor Home Rollaway | 3/16" SLT* | 1½" steel | 1" round steel | 5" double wheel | ✓ | ✓ | ✗ | ✓ | ✗ |
| |  | Outdoor Playback Rollaway | ¼" SLT* | 1½" steel | 1" square steel | 5" double wheel | ✓ | ✓ | ✗ | ✓ | ✗ |
| Institutional/Tournament |  | Premium Rollaway | ¾" wood | 1½ x 3/8" x 1½" steel | 1⅛" square steel | 4" rubber wheel | ✓ | ✓ | ✓ | ✗ | ✗ |
| |  | Space Saver 22 Rollaway | 7/8" wood | 1½ x ¾" steel | 1⅛" square steel | 3" rubber wheel | ✓ | ✗ | ✓ | ✗ | ✓ |
| |  | Nippon Rollaway | 7/8" wood | 2 x ¾" steel | 2" square wood | 5" rubber wheel | ✓ | ✓ | ✗ | ✗ | ✗ |
| International |  | Europa 25 Sky Stationary | 1" wood | 2 x ¾" steel | 2" square wood | 5" rubber wheel | ✓ | ✗ | ✗ | ✗ | ✓ |
| |  | Centrefold 25 Sky Rollaway | 1" wood | 2 x ¾" steel | 2" square wheel | 5" rubber wheel | ✓ | ✗ | ✓ | ✗ | ✓ |

*SLT - Synthetic Laminate Top ** Some restrictions may apply



Top
3/4" Wood



Legs
1" round steel



Safety Feature
Safety Lever



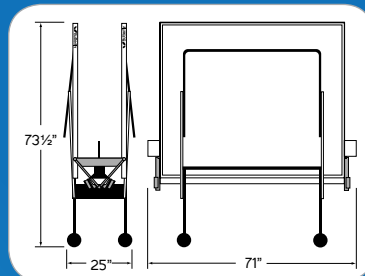
Wheels
5" double



Accessory Holder
Ball and Racket Holder



Net Set
Club Net Set



Storage Dimensions



HOME ROLLAWAY

The Home Rollaway table is Butterfly's most lightweight and economical home use playback table ever! Ideal for the garage or basement. Two safety levers on each table side provide an effective child safety feature. Folds into playback and storage positions. Accessory holder offers excellent storage for your rackets when the game is done. Weight 160lbs. Color: green.



* Racket and balls not included

Don't Forget!

A table cover to extend the life of your table



TABLES



Top/Rail
5/8" Wood Top



Legs
1" round steel



Safety Feature
Locking lever



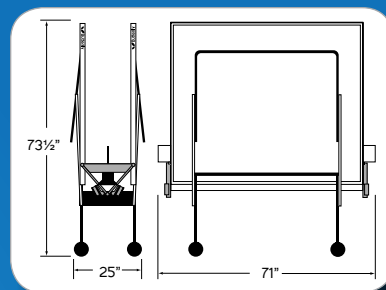
Wheels
5" double



Accessory Holder
Ball and Racket Holder



Net Set
Perfect II Net Set

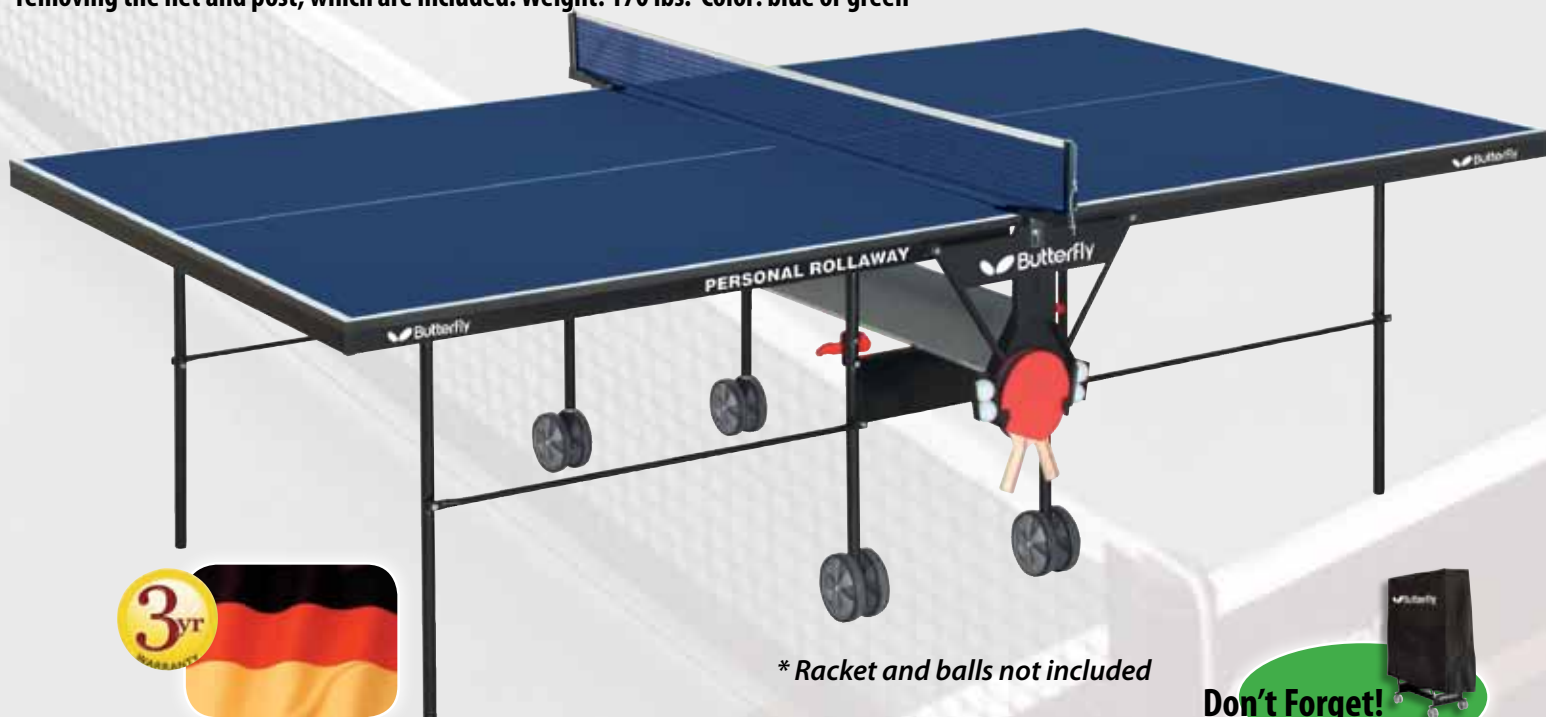


Storage Dimensions



PERSONAL ROLLAWAY

The Personal Rollaway from Butterfly is perhaps the greatest value in the line of playback tables. The large 5" double wheels, partnered with the side beams and 1 1/2" steel rim, provide for the highest level of performance in this price-range. The two safety levers on each table side provide an effective child safety feature. Folds into the playback and storage positions without removing the net and post, which are included. Weight: 170 lbs. Color: blue or green



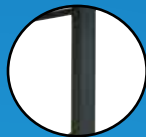
** Racket and balls not included*

Don't Forget!
A table cover to extend the life of your table





Top/Rail
3/4" Wood Top



Legs
1" square steel



Safety Feature
Locking Lever



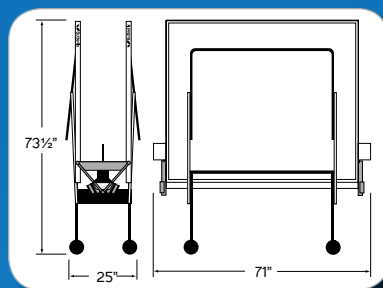
Wheels
5" double



Accessory Holder
Ball and Racket holder



Net Set
Perfect II Net Set



Storage Dimensions



PLAYBACK ROLLAWAY

An economical choice ideal for schools, recreation centers, sports clubs or heavy-duty home use. Combines a durable steel frame with a beautiful wood finish to ensure years of enjoyable play. Two safety levers on each table side provide an effective child safety feature. Net & post are included. Designed so players can fold-up table into playback or storage position without removing the net. Weight: 180lbs. Color: blue or green



* Racket and balls not included

Don't Forget!
A table cover to extend the life of your table

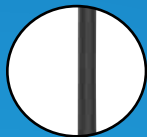


TABLES



Top/Rail

3/16" Synthetic Laminate Top
with 1½" steel rail



Legs

1" round steel



Safety Feature

Locking Lever



Wheels

5" Double



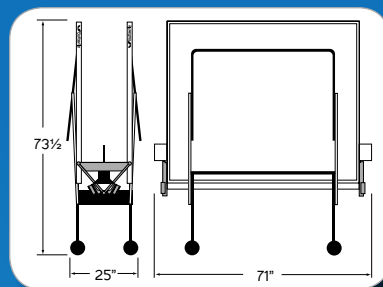
Accessory Holder

Ball and Racket Holder



Net Set

Club Net Set



Storage Dimensions



OUTDOOR HOME ROLLAWAY

The Outdoor Home Rollaway's synthetic laminate top is ideal for poolside areas, patios, lawns or any outdoor space where you can put a table. Two safety levers on each table side provide an effective child safety feature. Net & posts are included and designed so players can fold table into playback or storage position without removing net set. Legs are indented from end and sides of table. German crafted steel frame that is light weight for easy mobility during storage. Weight: 130lbs. Color: green



* Racket and balls not included



Don't Forget!

A table cover to extend the life of your table

**Top/Rail**

1/4" Synthetic Laminate Top
with 1 1/2" steel rail

**Legs**

1" square steel

**Safety Feature**

Locking Lever

**Wheels**

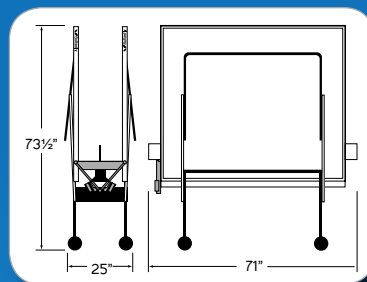
5" Double

**Accessory Holder**

Ball and Racket Holder

**Net Set**

Perfect II Net Set



Storage Dimensions



OUTDOOR PLAYBACK ROLLAWAY

Finally, a durable outdoor table. The Outdoor Playback Rollaway has the same SLT (Synthetic Laminate Top) as the Outdoor Home Rollaway, but sits on the Playback Rollaway frame. This results in a frame that can put up with even more abuse than the regular Outdoor Home. This model has the same safety levers on each table half for effective child safety. Net and posts are included and can remain attached to the table in both the playback and storage positions. Legs are indented from sides and ends of table. Weight: 150lbs. Color: blue or green



* Racket and balls not included

Don't Forget!

A table cover to extend the life of your table



TABLES



Top/Rail

3/4" Wood Top
with 1 1/2" x 1 1/2" steel rail



Legs & Feet

1 1/8" square steel
with adjustable feet



Safety Feature

Release lock



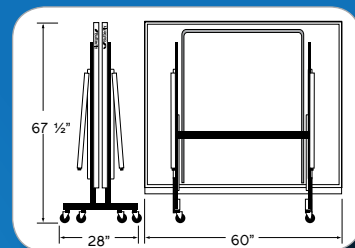
Wheels

4" locking rubber



Net Set

Classic Net Set



Storage Dimensions



PREMIUM ROLLAWAY

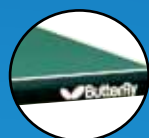
A heavier Butterfly institutional table, the Premium Rollaway is well suited for schools, recreation centers, and sports clubs where durability and storage space are a prime concern. Each table half folds up separately and can be rolled to fit flush against the other half during storage. This design really saves space when multiple tables are stored together due to their ability to overlap each other. The legs are indented from the end and sides of the table for unhindered footwork. The German crafted steel frame and lovely wood finish combine for years of satisfaction. Weight: 240lbs. Color: green.



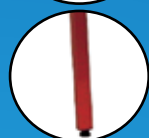
Don't Forget!

A table cover to extend the life of your table



**Top/Rail**

7/8" Wood Top with

**Legs & Feet**

1 1/8" square steel

**Wheels**

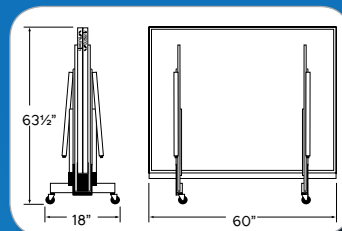
3" locking rubber

**Net Set**

National League Net Set

**Safety Feature**

Table release lock



Storage Dimensions



SPACE SAVER 22 ROLLAWAY

The Space Saver 22 features a similar construction as the Centrefold 25 Rollaway with a lighter frame. The one piece design is easy enough for one person to handle and provides for effortless set-up and breakdown. The 22mm top is protected by a PVC band and strong metal edge rail. Legs can be adjusted to level the table, even when the floor is not. Great for club or institutions looking for a fold & roll preassembled table that takes up minimal space. Weight: 265lbs. Color: green

**Don't Forget!**

A table cover to extend the life of your table



TABLES



Top/Rail

7/8" Wood Top
with 2" x 3/4" steel rails



Legs

2" square wood



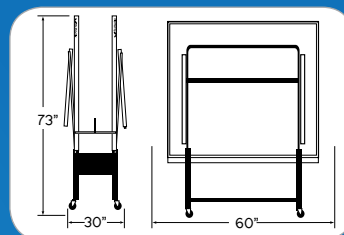
Wheels

5" locking rubber



Net Set

National League Net Set



Storage Dimensions



NIPPON ROLLAWAY

The only table tennis table you will ever need. If you have to set-up and breakdown when you want to play, the Nippon can take the abuse. The 22mm top will provide a quality bounce year after year. Easily folds and rolls due to the large 5" ball bearing wheels. Supported by 2" square wooden legs for a classic finish. Built like a tank and in it for the long haul! One of our best sellers. Weight: 280lbs. Color: green



Don't Forget!

A table cover to extend the life of your table

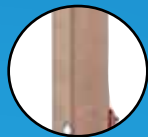


**Top**

1" Wood Top

**Side Rails**

2" x 3/4" steel rails

**Legs**

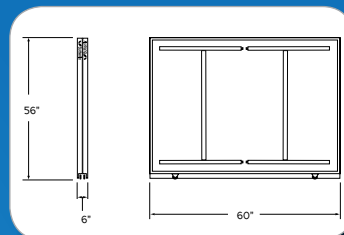
2" square wood

**Wheels**

5" rubber

**Net Set**

National League Net Set

**Storage Dimensions**

APPROVED

EUROPA 25 SKY

The official table of the 2001-2011 U.S. Open and U.S. National Championships and many international events such as the European and World Championships. The Europa is a simple two piece design featuring a 1" scratch-proof top that offers the most consistent bounce in our line. PVC edge banding, 2" metal rail, and sturdy 2" wooden legs. Two small wheels mount easily onto each table half for transporting. Requires only six inches for storage, the most compact in our line. Open the box, pull out the legs, put on the net and you're ready to play. Weight: 290lbs. Color: blue or green



Anti Skid - This 25 mm Anti Skid playing top provides a more consistent and true bounce and gives the highest performance level.

Don't Forget!

A table cover to extend the life of your table



TABLES



Top

1" Wood



Side Rails

2" x 3/4" heavy gauge steel



Legs & Feet

2" square steel, adjustable feet



Safety Feature

Table release lock



Wheels

5" locking rubber



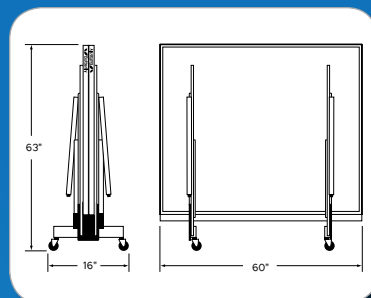
Table lock

Ensures table levelness



Net Set

Europa Net Set



Storage Dimensions



CENTREFOLD 25 SKY

The official table of the 2001-2011 U.S. Open and U.S. National Championships. One piece fold and roll design that is perfect for those with minimal storage space and easy enough for one person to maneuver. The Centrefold 25 was also chosen as the official table of the 1996 Disabled European Championships, as the legs are placed 400mm inward which complies with the ITTC ruling for wheelchair competitors. A 1" scratch-proof top that offers the most consistent bounce in our line. The top is protected by a hard PVC band and strong two inch steel rim. Steel frame with adjustable feet for leveling the table. Weight: 290lbs. Color: blue or green.



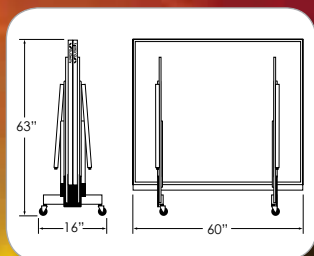
Anti Skid - This 25 mm Anti Skid playing top provides a more consistent and true bounce and gives the highest performance level.

Don't Forget!

A table cover to extend the life of your table



Centrefold 25 Sky Rollaway

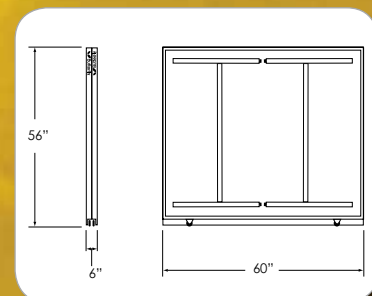


- **Top:** 1" Wood
- **Side Rails:** 2" x 3/4" heavy gauge steel
- **Legs & Feet:** 2" square steel, adjustable feet
- **Safety Feature:** Table release lock
- **Wheels:** 5" locking rubber
- **Table lock:** Ensures table levelness
- **Net Set:** Europa Net Set

Tournament Used Tables



- **Top:** 1" Wood
- **Side Rails:** 2" x 3/4" steel rails
- **Legs:** 2" square wood
- **Wheels:** 5" rubber
- **Net Set:** National League Net Set

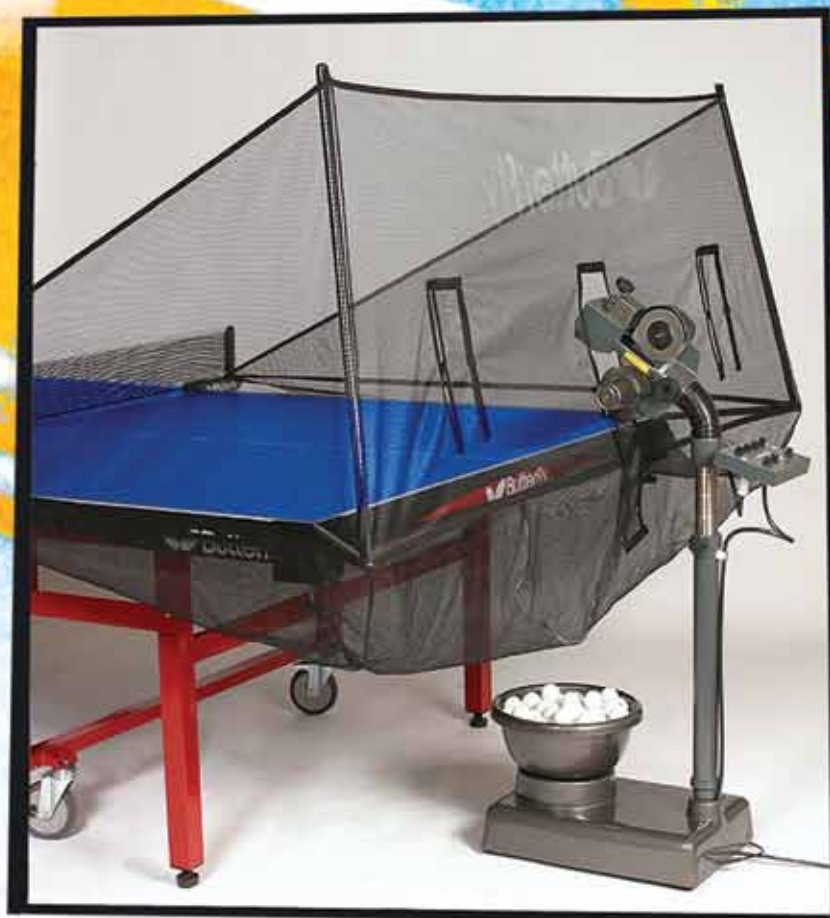


Europa 25 Sky Stationary

AMICUS 1000 PLUS

Features of the Amicus 1000 Plus:

- Adjustable Height that allows balls to shoot from different trajectories.
- Random functionality.
- Vary amount of spin
- Can deliver No-Spin/Dead balls.
- Side mount is included.
- Gross of 40mm Butterfly Training balls.
- Ball Amigo.
- Operators manual in plain and easy to read English.
- Most replacement parts in stock so there is no waiting on an international shipment to clear customs.
- North America's only factory certified technician to answer all of your questions and repair needs.
- Upgradable to 3000 Plus
- 2 Year Warranty



Ball Amigo



40mm Training Balls



Remote

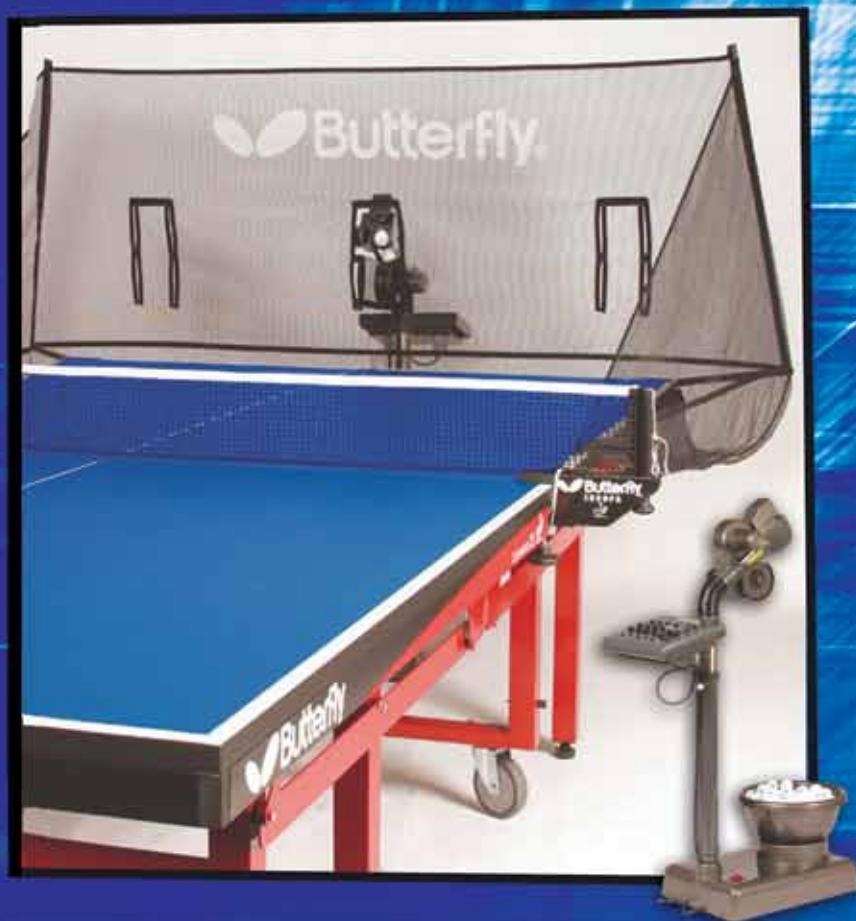




AMICUS 3000 PLUS

Features of the Amicus 3000 Plus:

- The AFC (Automatic Frequency Control) function simulates a "real game experience", when drilling between topspin and underspin.
- Vary amount of spin
- Memory storage that can store up to 99 separate routines.
- Adjustable height that allows balls to shoot from different trajectories.
- Side mount is now included.
- One gross of 40mm Butterfly 3-Star balls.
- Ball Amigo.
- Operators manual in plan and easy to read English..
- Most replacement parts in stock so there is no waiting on an international shipment to clear customs.
- North America's only factory certified technician to answer all of your questions and repair needs (invaluable).
- 2 Year Warranty



Side Mount



Ball Amigo

40mm 3-Star Balls



Remote



THANK YOU!

MOST WELCOME!



WERNER SCHLAGER

Blade : Werner Schlager Carbon
Rubber : TENERGY® 05



MICHAEL MAZE

Blade: Timo Boll Spirit
Rubber: Bryce Speed



TIMO BOLL

Blade: Timo Boll ALC
Rubber: TENERGY® 05



FEDOR KUZMIN

Blade: Timo Boll ALC
Rubber: TENERGY® 64



Congratulations to Michael, Werner, Timo and Fedor,
winners of Gold, Silver and Bronze in the Men's Singles
event at the 2009 Liebherr European Championships!
Quality was again the winner at a major tournament –
the quality of their play and the quality of Butterfly.