

2014
PRODUCT
GUIDE

TARGET ARCHERY | KOREAN TRADITIONAL ARCHERY

WITH KAYA





DIRECTOR'S MESSAGE

KAYA Archery has been dedicated to making a better archery world through diverse technology, high quality carbon materials, advanced ideas – 100% carbon riser, multi layer carbon limbs, high quality carbon limbs, triple carbon stabilizer, real cordovan finger tab and more. KAYA archery, leads the global market in high-tech archery developing and manufacturing.

Through innovative, reliable products and services; talented people; and collaboration with our partners and customers, KAYA Archery is taking the archery world in imaginative new directions. KAYA Archery is guided by a simple philosophy, strong values that inform our work every day. In everything we do, we focus to help archers do better plays. Everything we do at KAYA Archery is driven by a passion to developing the best archery products and services on the market.

We are to inspiring communities around the world by developing new technologies, innovative archery products and creative solutions. We are also committed to creating a better future by developing new value for our archery world. Through these efforts, we hope to contribute to a better archery world. Thank you very much.

Freddie Won
Director, KAYA Archery

Freddie Won

KTHREE

SPORTINESS • POWER • LIGHT

NEW
2014



FEATURES OF K3 CARBON RISER

By helping to make archery bow lightweight-heavy impact, Rigidity-Strength, Vibration Control-Stiffness and Durable-Impact Resistance, carbon fiber technology is the key to staking out a competitive edge in professional archery bow manufacturing.

1. Lightweight – Heavy Impact

Lightweight materials and design have always been an important topic in archery products. Carbon fiber is currently the most discussed lightweight material due to its high potential for weight reduction in certain applications.

2. Rigidity – Strength

Carbon fiber is heralded for its strength, its rigidity and its ability to be cast in shapes that would be virtually impossible with other materials. Carbon fiber is now commonly used in KAYA Archery's high quality products.

3. Vibration Control – Stiffness

Vibration control has been a subject of material research for the past few decades. Recently, the use of smart materials- related components for vibration control has become an alternative to traditional vibration control techniques.

4. Durable – Impact Resistance

Carbon fiber is more durable than metal in a similar role since it doesn't corrode or fatigue as easily, so maintenance will be durable.

MADE IN
KOREA

K3 Riser Grip - Ergonomics Design



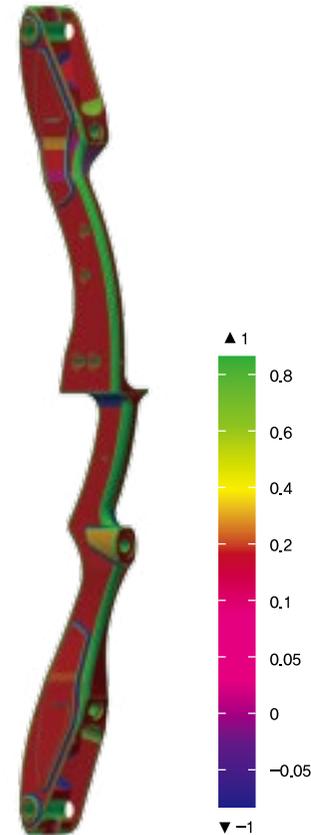
The pressure point on hand is sensitive area for the gripping where pressure can be applied to cause certain effects or sensations. Properly applying pressure to this spot on grip can cause stable, comfortable, correct form for the shooting. The grip of K3 Riser is easy to find exact pressure point when archers are gripping.



SPECIFICATION

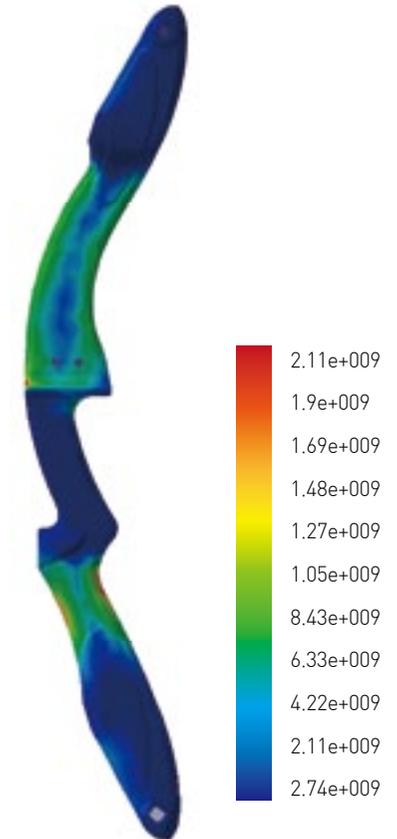
Length	Mass Weight	Type
25"	1190g / 2.6 lbs	RH / LH
Color	Material	
Black Matt	High Quality Carbon	

Mean Curvature Test



In the development of K3 Riser, the Mean Curvature is one of the test points. The curvature is important for the balance of the bow. K3 Riser has best result on this test.

Material Stress Test



The stress test of K3 riser, this is accomplished by calculating the body of stress test and comparing it to the material's stress test.

K3 CARBON

GREAT MATERIAL WONDERFUL PRICE

MADE IN
KOREA



K3 HIGH QUALITY CARBON RISER

K3 Carbon riser is filled with 100% pure carbon for professional archers. Carbon riser is synonymous with victory. It is strong, performance, no vibration however usually too expensive. But KAYA Archery makes 100% Carbon riser for all. We produce in our korean factory to meet a high demand. We are able to supply K3 Carbon riser that everyone can afford. Make an impression on your competition with new style that will breathe new performance. From We've got just the thing to welcome in the new archery season. Keep victory on your games.

SPECIFICATION

Length	Mass Weight	Type
25"	1190g / 2.6 lbs	RH / LH
Color		
Black / Blue / Red / White		

K7

PROFESSIONAL RECURVE RISER

MADE IN KOREA

K7 RISER - 100% PURE CARBON

Carbon is an increasingly popular non-metallic material commonly used for Archery Bows. Although expensive, it is light-weight, corrosion-resistant and strong, and can be formed into almost any shape desired. The result is the K7 Carbon Riser that can be fine-tuned for specific strength where it is needed. KAYA K7 Carbon Riser is designed with feature of vibration damping that is strong in any shootings and forms. The ability to design a 100% pure carbon with properties that vary by orientation cannot be accomplished with any metal risers. This carbon material provides light weight as well as high strength. It has also suggested a long period of time.



Solid Wooden Grip



SPECIFICATION

Length	Mass Weight	Type
25"	1280g / 2.8 lbs	RH / LH
Color		
Black / Blue / Red / White		

Delphinus

MADE IN
KOREA

HIGH QUALITY CARBON LIMBS

NEW
2014



Delphinus Limbs Layer Information

Multi Layer Carbon Fabric

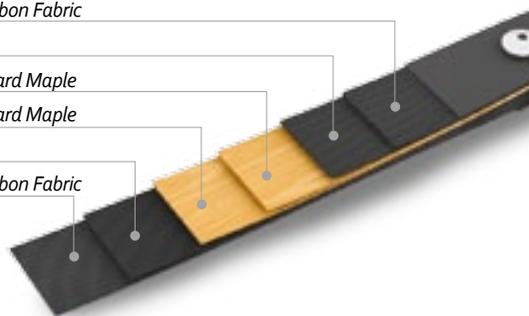
UD Carbon

High Quality Hard Maple

High Quality Hard Maple

UD Carbon

Multi Layer Carbon Fabric



DELPHINUS CARBON LIMBS

KAYA Archery gives the new technical product of Delphinus High Quality Carbon Limbs to professional archers. KAYA Archery wants to energize the archery world by supporting archers who practice hard for their dreams. That idea inspired us to create the "High Quality Products with good prices". We have delivered KSTORM Limbs to talented archers in 2013. This project has elicited a lot of positive feedbacks. This year, we wanted to widen, so we realized new product of Delphinus High Quality Carbon Limbs.

SPECIFICATION

Bow Length	Draw Weight
66", 68", 70"	28#~48#



FUNCTION OF HARD MAPLE

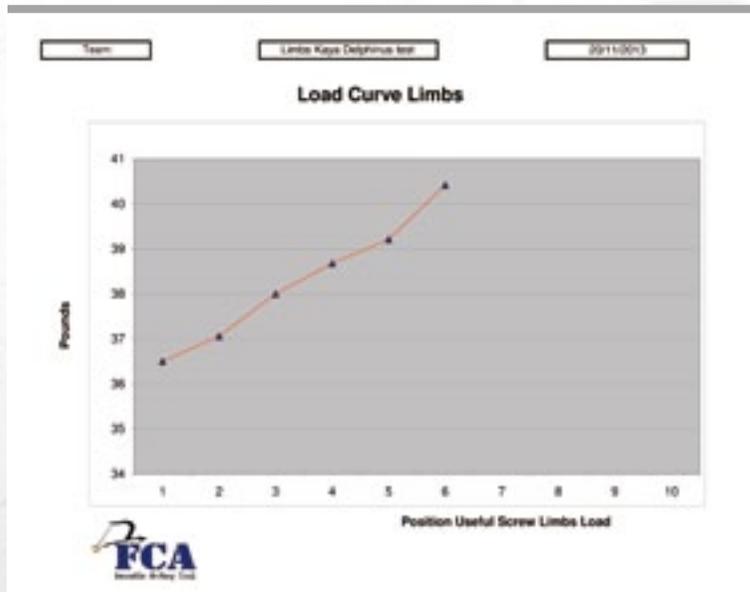
Hard Maple of the Delphinus High Quality Limbs is the ideal choice for Olympic archery limbs and professional archers for over a century due to its strength, durability and beauty. Hard maple of the Delphinus High Quality limbs is an organic product consisting of patterns that give it a natural shock-absorbing quality. These characteristics, combined with specially designed and engineered systems, deliver excellent performance and safety.

DELPHINUS LOAD CURVE

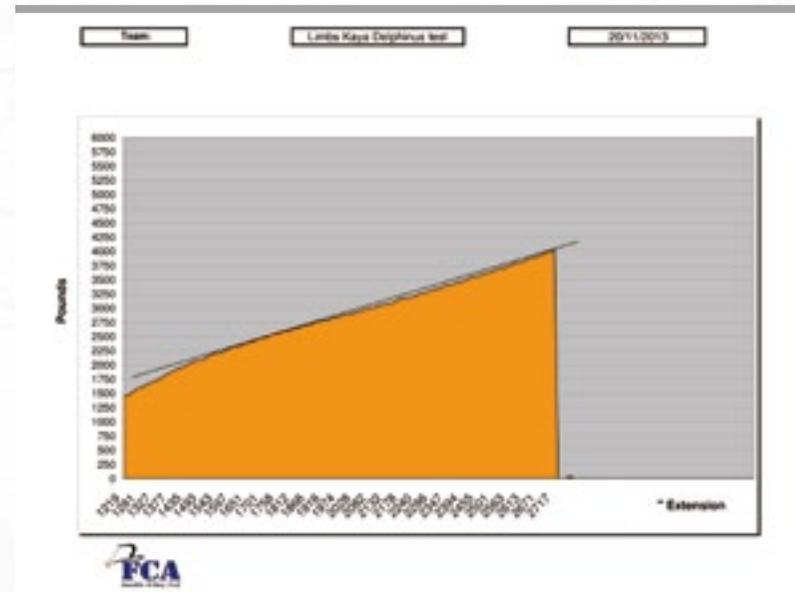
A limb load curve is a chart used by archery manufacturers, engineers and power producers to show how much power utilize during a given draw length. When looking at the graph, draw length usually is placed on the horizontal axis, and load is placed on the vertical axis. This data can be used to predict power trends. And the result of Dephinus limbs is one of the best among Kaya professional limbs. The Delphinus limb insulation which will increase the energy needs for power and strength.

DELPHINUS LIMBS

Delphinus Load Curve Limbs



Delphinus Curve of Traction



AMAZON

MADE IN
KOREA

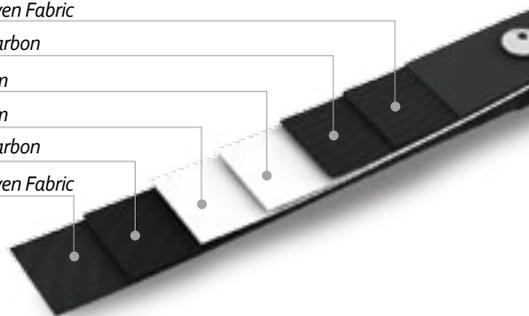
HIGH QUALITY CARBON LIMBS

NEW
2014



AMAZON Limbs Layer Information

Fiber Glass Woven Fabric
High Quality Carbon
Graphited Foam
Graphited Foam
High Quality Carbon
Fiber Glass Woven Fabric



AMAZON PROFESSIONAL LIMBS

10th year since its inception, KAYA Archery has many fans around the world who appreciate new archery technology. In addition to improving its high quality, reasonable prices, we have taken care to ensure that today 'AMAZON professional limbs is also more competitive than ever. To ensure the highest quality, we developed with high quality of syntactic foam. High quality Syntactic foam and high quality carbon material are combined by KAYA Archery's fine technology. The key to AMAZON high quality limbs continued success is that everyone from design, to production, to merchandising and beyond works toward one goal: to provide archers with the most ideal high quality archery limbs.

SPECIFICATION

Bow Length	Draw Weight
66", 68", 70"	28#~48#

KSTORM

PROFESSIONAL CARBON LIMBS

MADE IN
KOREA



KSTORM Limbs Layer Information

Multi Layer Carbon Fabric

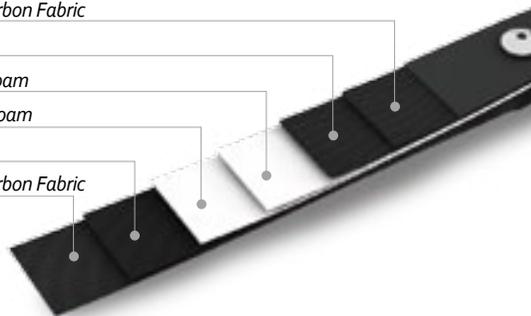
UD Carbon

High Quality Foam

High Quality Foam

UD Carbon

Multi Layer Carbon Fabric



K STORM PROFESSIONAL LIMBS

Kstorm is completely new design to shoot the best performance. The latest technology is in a carbon layer and special design of limb curve line. We made this Kstorm limbs with 3K carbon, fabric woven carbon and UD Carbon. In a classic design, this limbs coordinates with the excellent conditions. Experience the highest quality like never before. We've made All our products in Korea and now our style is making its way to the World.

SPECIFICATION

Bow Length	Draw Weight
66", 68", 70"	28#~48#



K7

PROFESSIONAL RECURVE LIMBS

MADE IN
KOREA



K7 Limbs Layer Information

Multi Layer Carbon Fabric

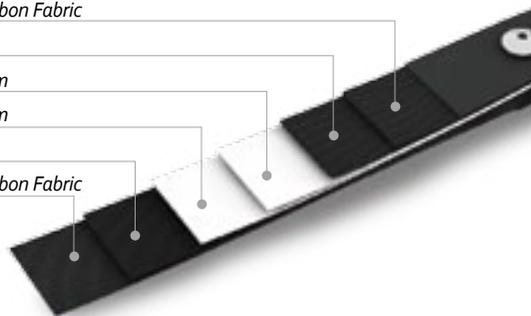
UD Carbon

Graphited Foam

Graphited Foam

UD Carbon

Multi Layer Carbon Fabric



K7 PROFESSIONAL LIMBS

It's made from strong, beautiful materials like Carbon Fabric and Graphite Foam. It comes with the latest technology - powerful processors, advanced graphics, and fast speed. And it has features you won't find on a Archery Limbs. So from the outside in, a KAYA is designed to be a better Archery Bow. A K7 is designed for a long, productive life. KAYA designers and engineers spend countless hours ensuring that each K7 is precisely built - inside and out. From the down-to-the-micron fit of each internal component to the finish of the enclosure, every detail matters. The result is a K7 that is thin and light, looks polished and refined, and feels strong and durable. To make a better Archery bow, only quality components and materials will do. That's why every KAYA products contain a high quality carbon fabric, graphite foam, advanced design, even a small tip parts to give you the best performance possible. Keep all those high-performance components speed and accuracy.

SPECIFICATION

Bow Length	Draw Weight
66", 68", 70"	28#~48#



K-5

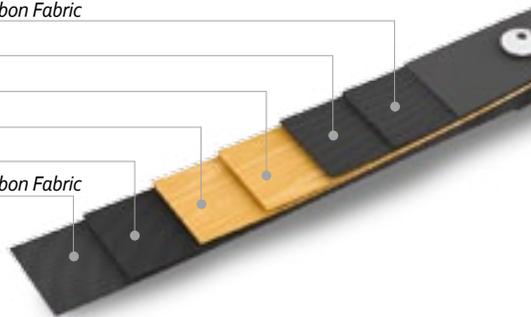
PROFESSIONAL RECURVE LIMBS

MADE IN
KOREA



K5 Limbs Layer Information

- Multi Layer Carbon Fabric
- UD Carbon
- Hard Maple
- Hard Maple
- UD Carbon
- Multi Layer Carbon Fabric



K5 PROFESSIONAL LIMBS

Enjoy time of games with K5 Professional Archery limbs, as you shoot your archery season on this quest to become the greatest archer the world has ever known. With most speed, more realistic archery player for you to explore, you can improve your score like never before. Excellent arrow grouping will depend on archers feeling relationships with K5 professional limbs, perfect realize and clean shooting. Write your own archery story each time of your game.

SPECIFICATION

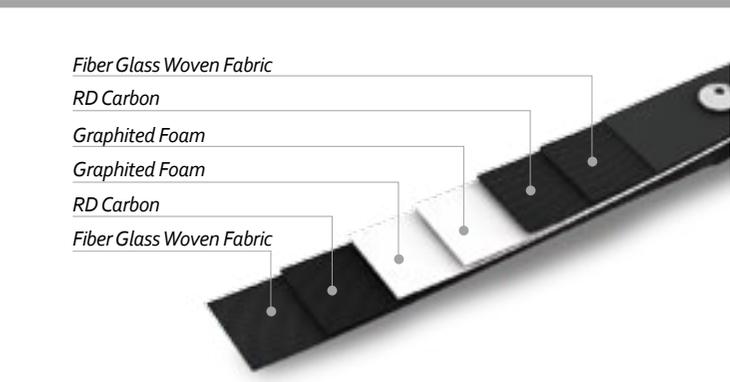
Bow Length	Draw Weight
66", 68", 70"	28#~48#

MADE IN
KOREA

K3 PROFESSIONAL LIMBS



K3 Limbs Layer Information



K3 CARBON PROFESSIONAL LIMBS

Shooting with K3 limbs you will feel the backing that only years of Kaya's experienced bow builders can provide you. The limbs also comes with the RD carbon and graphite foam. You get excellence performance from this value packed set of limbs. K3 Professional limbs were created combining invaluable archery experience and special advanced technology. As a result we achieved a new, fine product that can take you to any level your practice time will help you attain. Special RD carbon from the K3 Professional limbs into good results. K3 Professional limbs offer you functionality. KAYA's products have become increasingly popular over the years. Not just because of the extensiveness of our range, but because these look good and provide an excellent value. If you have not experienced a KAYA Product, then you really should. You'll be glad you did, and will soon be telling all of your friends.

SPECIFICATION

Bow Length	Draw Weight
66", 68", 70"	28#~48#



PROFESSIONAL LIMBS

MADE IN
KOREA



K1 Limbs Layer Information

Fiber Glass

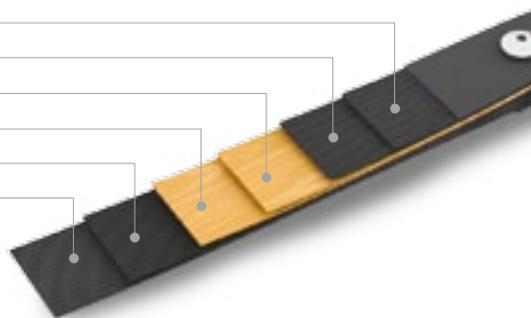
Woven Fabric

Hard Maple

Hard Maple

Woven Fabric

Fiber Glass



K1 PROFESSIONAL LIMBS

Professional limbs let you take professional quality shooting with KAYA's special technology. This allows for easy shoot of good result. Attractive and High performance makes your shooting better with good achievement.

Point 1: Good design that makes your satisfaction

Point 2: Fine Technology that makes your best results

Point 3: Special material that provides the stabilization

Dare to dream. K1 professional limbs what makes excellent contentment from good design, fine technology and special materials, also offers effortless shooting.

SPECIFICATION

Bow Length	Draw Weight
66", 68", 70"	20#~44#

ACE

TRIPLE CARBON STABILIZER

**NEW
2014**



FEATURES OF ACE TRIPLE CARBON STABILIZER

Why KAYA realizes the ACE triple carbon Stabilizer?

KAYA Triple Carbon Stabilizer is operated with high quality triple carbon on the rods. It can make excellent performance at the shooting, impact resistance, weight reduction, strength and wear resistance. Therefore, triple carbon layer can hold each other and it bond two, three carbon atoms on each side of the layers. That way, in particular, the carbon atom can bond to at least two more, one in front, one in back.

SPECIFICATION

Long Stabilizer	Short Stabilizer	Extender Stabilizer
26", 28" or 30"	10", 11" or 12"	3", 4", 5" or 6"

MADE IN
KOREA

ACE Triple Carbon Stabilizer Layer Information

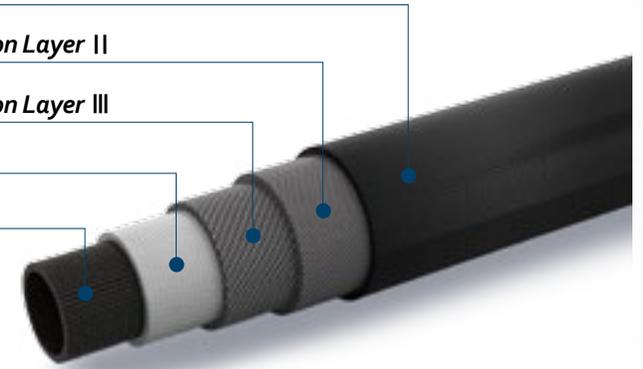
High Quality Carbon Layer I

High Quality Carbon Layer II

High Quality Carbon Layer III

Fiber Glass

Woven Fabric



ACE TRIPLE CARBON STABILIZER

Features of ACE Triple Carbon Stabilizer

1. High Quality Carbon I · II · III – Top

A new composite material of high quality carbon of ACE Triple Carbon Stabilizer filled with NANO microspheres, which is an advantageous material for the use in compact, light weight, durable and rigidity. The values of the strength and the light weight provided here are essential for the use of high quality professional Stabilizer.

2. Fiber Glass - Pillar

Fiberglass is made of glass, similar to windows or the drinking glasses. The glass is heated until it is molten, then it is forced through superfine holes, creating glass filaments that are very thin – so thin they are better measured in microns. These threads can then be woven into larger swatches of material.

3. Woven Fabric – Base

Woven fabrics are made by using two or more sets of yarn interlaced at right angles to each other. Much variety is produced by weaving. Woven fabrics are generally more durable. They can be easily cut into different shapes and are excellent for producing styles.

SOUL/MAKER

MADE IN
KOREA

CARBON STABILIZER

SPECIFICATION

Long Stabilizer	Short Stabilizer	Extender Stabilizer
26", 28" or 30"	10", 11" or 12"	3", 4", 5" or 6"



V-bar Comes in three angels 35,40 or 45 degrees



Damper with Weight / Damper without Weight



Weight Head & Flat



PROFESSIONAL STABILIZER

MADE IN KOREA



SPECIFICATION

Long Stabilizer	Short Stabilizer	Extender Stabilizer
26", 28" or 30"	10", 11" or 12"	3", 4", 5" or 6"

Tomcat CARBON STABILIZER



SPECIFICATION

Long Stabilizer	Short Stabilizer	Extender Stabilizer
26", 28" or 30"	10", 11" or 12"	3", 4", 5" or 6"

SOUL Gold arch Finger Tab

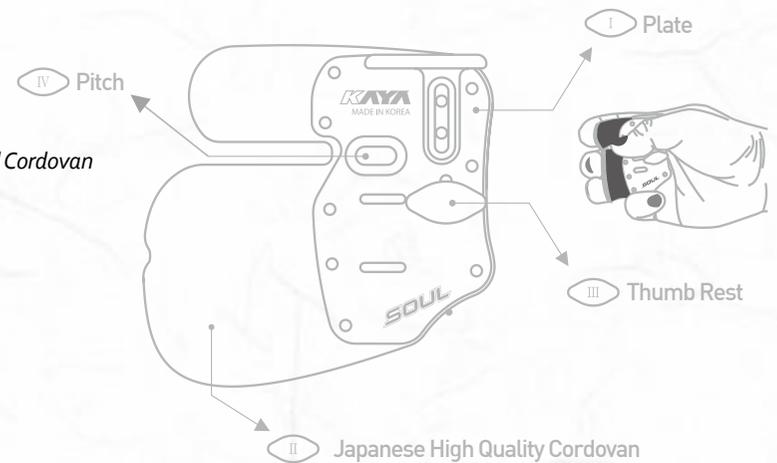
**NEW
2014**



MADE IN
KOREA

FEATURES

- ① Plate : Unique Plate Design
- ② Japanese High Quality Real Cordovan
- ③ Thumb rest
- ④ Pitch



SPECIFICATION

Size	Type	Color
Large, Medium, Small	RH or LH	Grey





① Location of Thumb in Position #1 of Thumb Rest

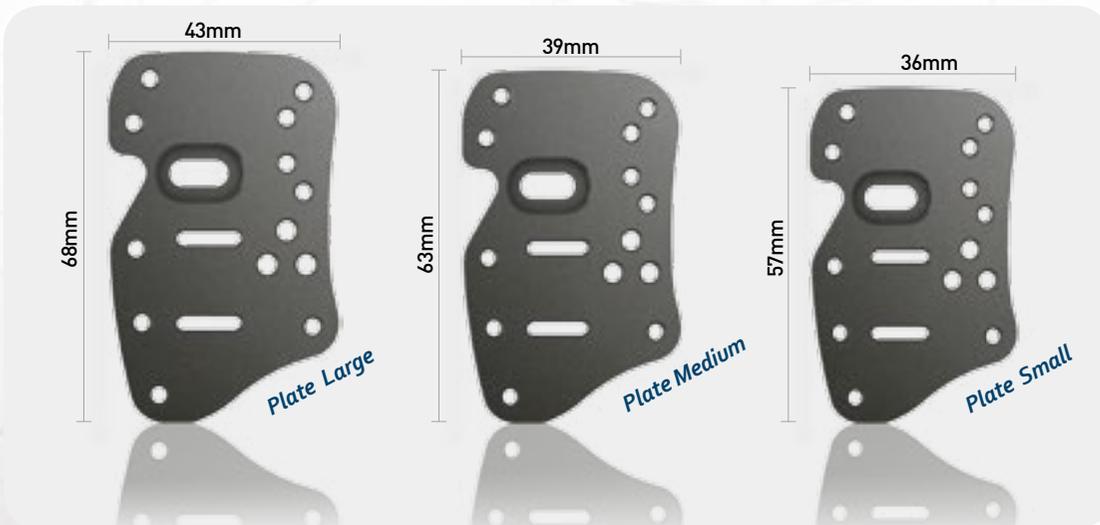


② Location of Thumb in Position #2 of Thumb Rest



③ Location of Thumb in Position #3 of Thumb Rest

SOUL GOLD ARCH FINGER TAB



Japanese High Quality Cordovan

1. Most softness
2. Best durability



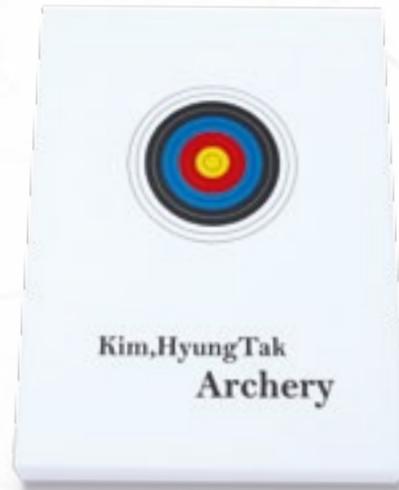
ARCHERY BOOK

Kim, Hyung Tak Archery

MADE IN KOREA



www.archeryschool.com



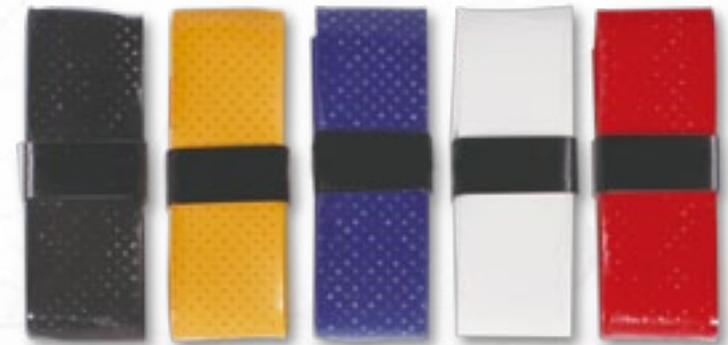
K-GRIP BAND



Grip Band #1 / Assorted Colors



Remove plastic before use



Grip Band #2 / Assorted Colors

REINFORCED ARCHERY SLING

MADE IN KOREA

NEW
2014

Reinforced Archery Sling

1. Is it the shoelaces?

Yes, it is shoelaces but it is not normal shoelaces.

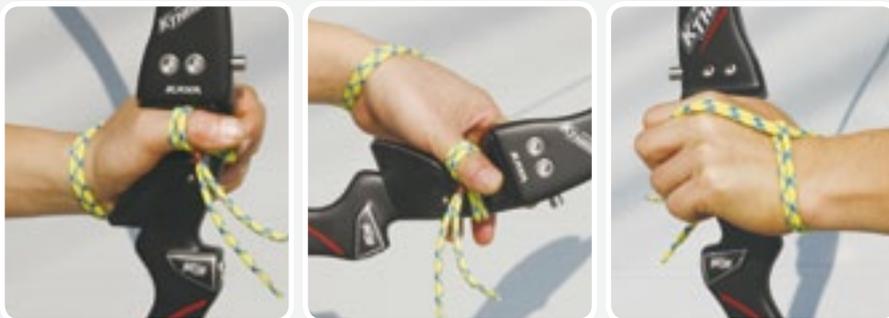
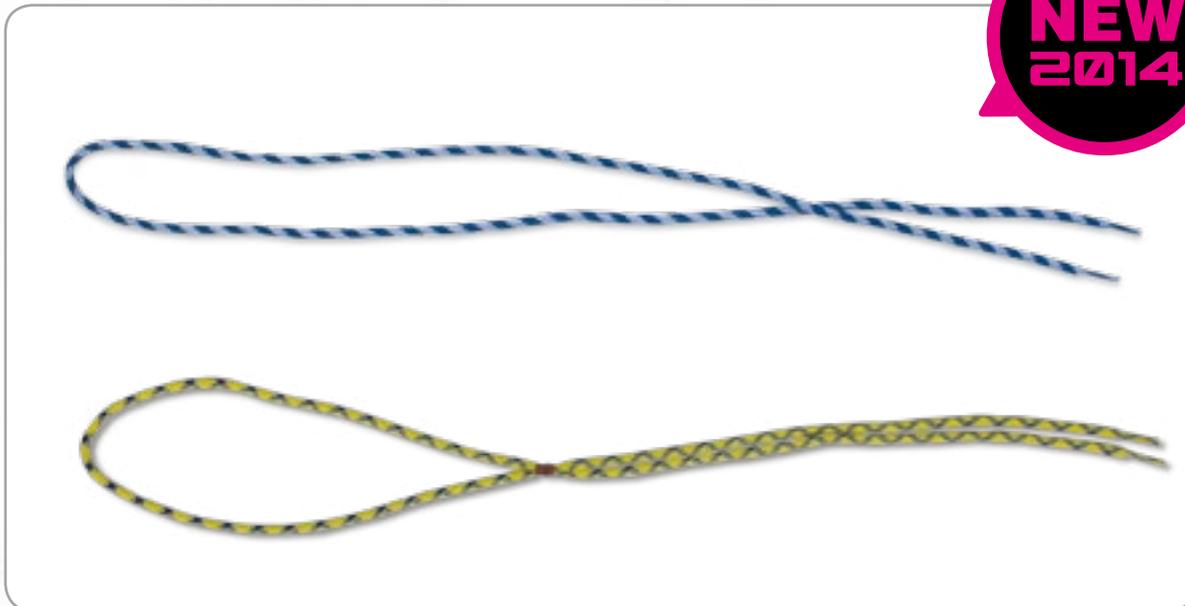
2. What is different?

It is developed specially for the archery sling as material, thickness, strength and etc. Many KAYA members have experience about archery slings that is important for the shooting. However it can be painful because the sling will be stretch. KAYA Reinforced Archery sling solved the problems. It can be very help ful for the Archers.

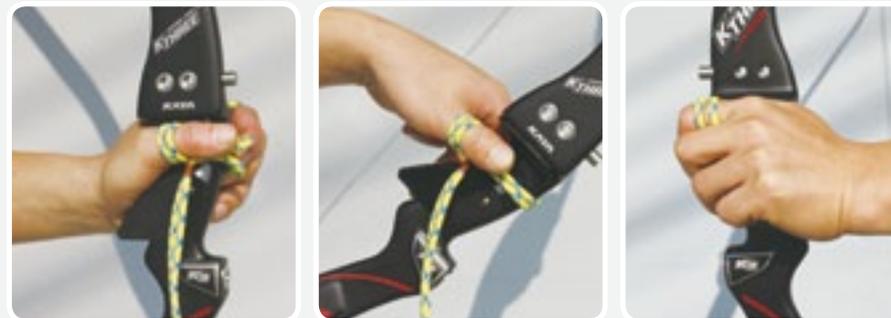
- **Excellent Tensile Strength**
- **Special development by KAYA Archery**

SPECIFICATION

Length	Thickness	Color
1200mm	5.5mm	Yellow or Blue



① How to use the Kaya reinforced Archery Sling #1



② How to use the Kaya reinforced Archery Sling #2

COMPOUND BOW PRESS

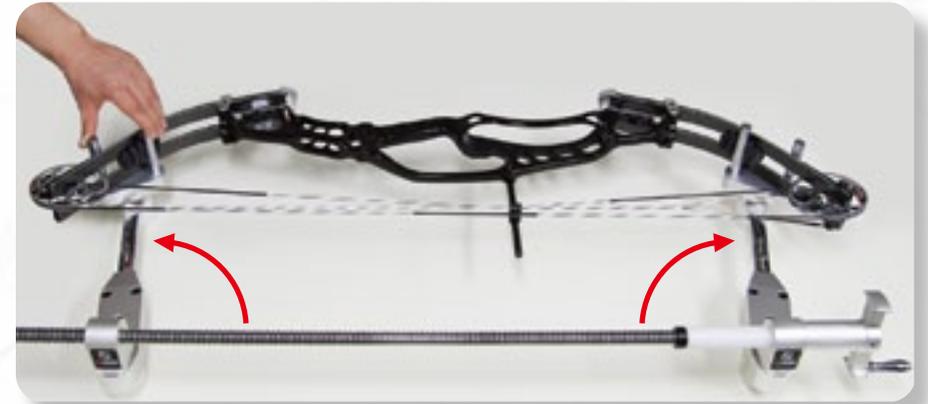
The KAYA Bow Press is design to work on all compound bows that do not have a beyond parallel limb designs.

MADE IN
KOREA

1. Portable Bow Press
2. Light Weight - 4.5 kg (9.9 lbs)
3. Fast, easy to use
4. Unique design
5. Affordable Price



1. PLACE ON A TABLE OR COUNTER TOP WITH THE HANDLE TO THE RIGHT.



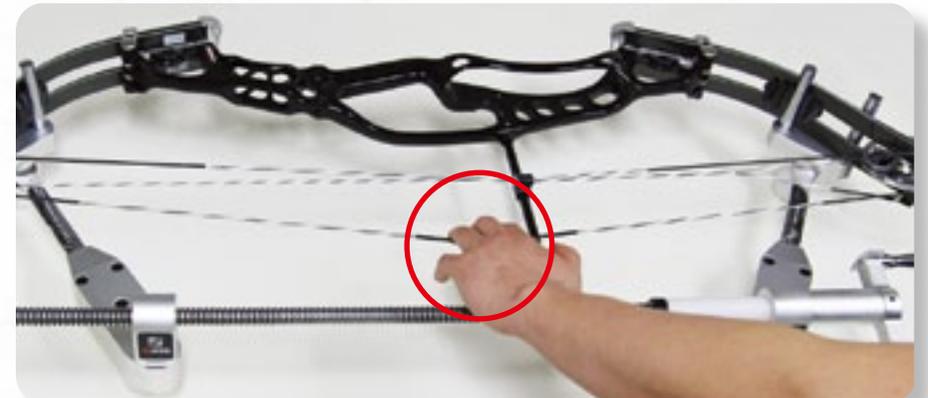
2. PLACE THE BOW LIMBS WITHIN THE LIMB SUPPORT RODS AS SHOWN IN THE ILLUSTRATION. ADJUST THE DISTANCE BETWEEN THE ARMS SO THEY ARE AT A 90 DEGREE ANGLE TO THE CENTER ROD.



3. ROTATE THE LIMB SUPPORT RODS SO THEY ARE SECURELY HOLDING THE BOW LIMBS IN POSITION. THE OUTER MOST ROD OF EACH SUPPORT ARM SHOULD BE APPROXIMATELY 1-2" FROM THE CAM.



4. TWIST THE LENGTH ADJUSTMENT HANDLE SO THE PRESS ARMS ARE DRAWING CLOSER TO EACH OTHER.



5. CONTINUE TWISTING THE HANDLE UNTIL ENOUGH TENSION IS RELEASED FROM THE STRING AND CABLES TO PERFORM THE DESIRED WORK. BE CAREFUL NOT TO OVER BEND THE BOW LIMBS.

STRING

1. Fixed Length
2. Durable
3. Beautiful Color Combination
4. Automated Machine Production
5. Reasonable Price

MADE IN
KOREA



Rigid Tube Packaging

FAST FLIGHT STRING

64", 66", 68" or 70"
16/18 Strands



Rigid Tube Packaging

8125 STRING

64", 66", 68" or 70"
16/18 Strands



Plastic Bag Packaging

DACRON STRING

48", 54", 58", 60", 62", 64", 66", 68" or 70"
10/12/14/16 Strands

WITH KAYA





KOREAN TRADITIONAL ARCHERY

Mr. KWAK, Yun-Sik

- President of KAYA Archery Co.
- 1st archer to break 1300 in Korea
- FITA Korean National Team Member for 10 years
- Over 20 years of experience in archery manufacturing
- An export archer of Korean Traditional Archery

KTB

MADE IN
KOREA

KOREAN TRADITIONAL BOW



THE KEY NOTE OF KAYA KTB

Steeped in tradition and history of Korean craftsman over the millenniums, these Traditional bows are individually hand crafted by one of Korea's finest bowyers, Mr. Kwak Yun-sik. Each bow is a true masterpiece and is stamped with his official seal. These bows may be shot either Right or Left-handed. Features an new attractive wrapped finish. This more tradition look will also help keep limbs from being scratched or dented.

- Bear Bow Type (no sight, no arrow rest, no cushion plunger)
- The maximum shooting distance : 400m
- Field archery, recreation & hunting archery
- Carbon, fiber Glass and hard maple Limb face covered with decorative leather



SPECIFICATION

Bow Length	Draw Weight	String
46", 48", 50", 52"	30/35/40/45/50/55 or 60#@31"	Fast Flight
Type	Leather Material	
Shoot either RH or LH users	Sheepskin	

KHAN HORSE BOW

MADE IN
KOREA



KOREAN TRADITIONAL HORSE BOW

A similar limb design to the Korean Traditional bows guarantees a silky smooth draw to lengths up to at least 29". Features a leather wrapped handle section with a crowned arrow shelf cut nearly to center. Experience great arrow flight and impressive arrow velocity with very little hand shock. The lightest hunting bow on the market the "Khan" weighs less than 1 lb. and is only 48" long tip to tip when strung. Limbs are made with laminated maple, fiber glass and carbon feature mycarta limb tips. Rosewood handle riser.

HOW TO STRING THE KTB



SPECIFICATION

Bow Length	Draw Weight	String
52"	30 / 35 / 40 / 45 / 50 or 55 # @ 28"	Fast Flight
Type		
RH or LH		



FIREFOX

FIREFOX KOREAN TRADITIONAL BOW

MADE IN
KOREA

NEW
2014



Firefox front

FIREFOX KOREAN TRADITIONAL BOW

We have the KTB bow that is finished with sheepskin but it would not be favorites for some archers. And we received several requests for the bow without this kind of decorations. In this reason, we are realizing new KTB of Firefox. It is exactly the same as KTB however the finish is different.

· Carbon, Fiber Glass and Hard Maple



SPECIFICATION

Bow Length	Draw Weight	String
50"	30 / 35 / 40 / 45 / 50 / 55 or 60 # @ 31"	Fast Flight
Type		
Shoot either RH or LH users		

KOREAN TRADITIONAL ARCHERY

MADE IN
KOREA

KTBS SET Korean Traditional Bow Set



KTBS Glove



Korean Arrows Gwan Jung

The "Gwan Jung" arrow is made from fiberglass and carbon and is especially manufactured to shot from most Asian Traditional bows. Fletched with vanes with points installed. Available in 4 lengths up to 33.5" long.

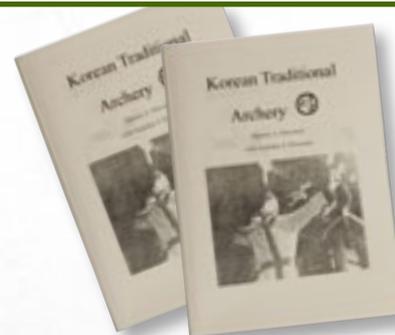


Thumb Ring

Authentic style made from real buffalo horn. This deluxe model has a raised ring for the string to lay on instead of against the flesh. Produces a better release and no thumb pain. 4 sizes : small, medium, large & ex-large. Includes carrying pouch and instructions for usage.



Korean Traditional Archery Book



International Traditional Bows and Arrows





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