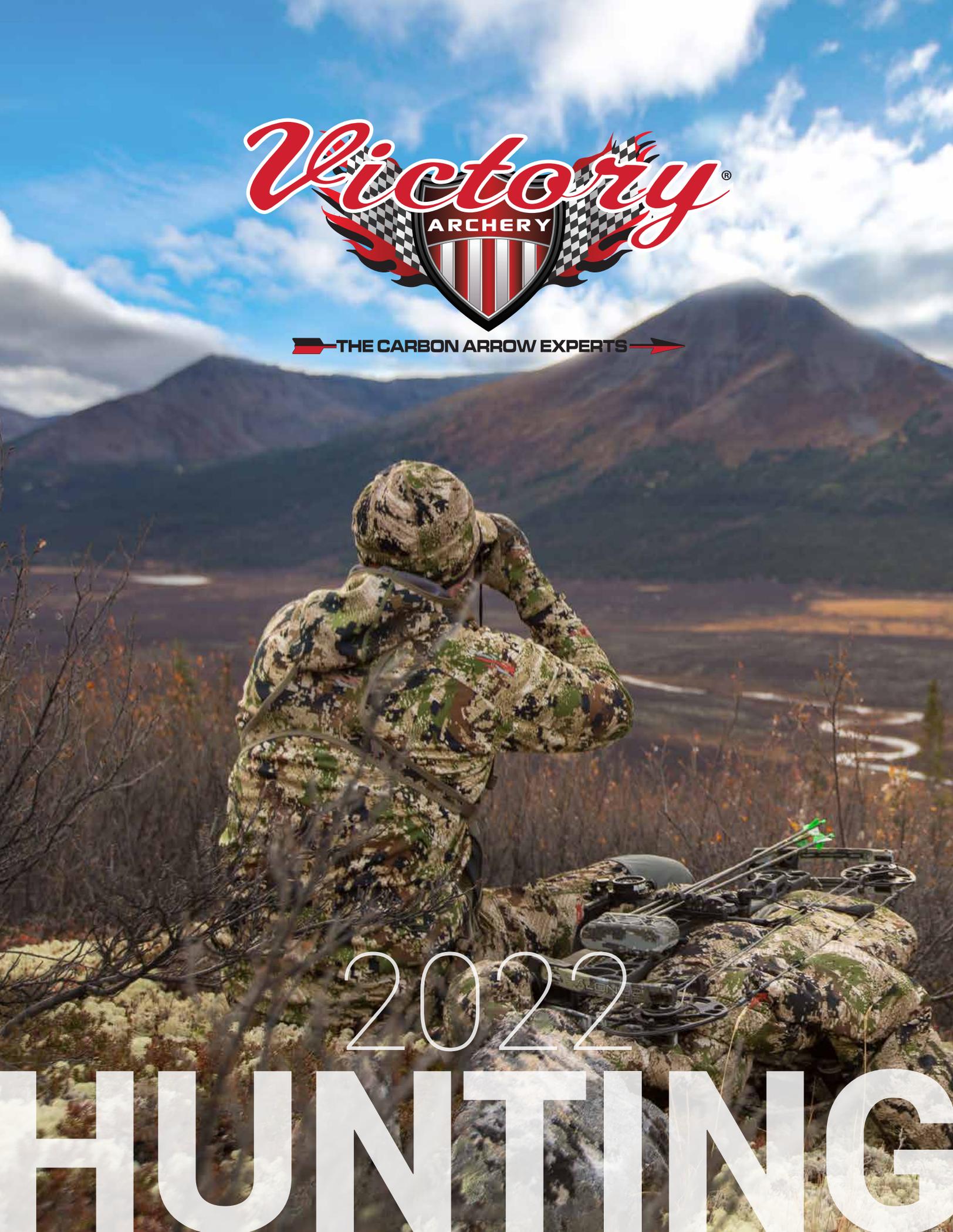




—THE CARBON ARROW EXPERTS—



2022

HUNTING

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DIGITALLY SPINE ALIGNED FOR  
INCREASED ACCURACY AND CONSISTENCY



ADVANCED 3K CARBON WEAVE FOR LESS TORQUE,  
FASTER RECOVERY OF FLIGHT, AND SPINE CONSISTENCY



EACH DOZEN WEIGHT MATCHED TO +0.5 GRAINS FOR  
PRECISE SHOT CONSISTENCY AND TIGHTER GROUPING



HAND FLETCHED FOR  
OPTIMUM VANE ADHESION AND ALIGNMENT



ADVANCED NANO CERAMIC  
ARROW COATING IMPROVES PENETRATION

# VAPSS™

## A bone-crushing carbon fiber/stainless steel hunting arrow

- > FASTER ARROW RECOVERY ON SHOT
- > UNSURPASSED PENETRATION
- > HIGH FOC & MOMENTUM
- > LESS AFFECTED BY WIND
- > ADVANCED 90° 3K CARBON WEAVE

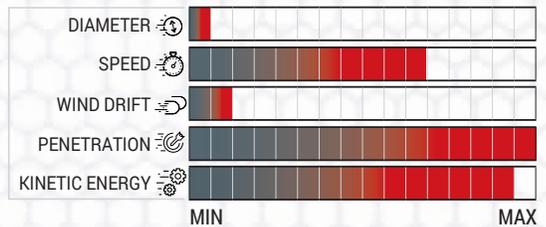
**INSIDE DIAMETER**  
**0.166"**  
 MICRO DIAMETER ARROW  
 - 100% carbon fiber construction 0.166 diameter for maximum speed and penetration with less wind deflection



The VAP-SS™ has proven itself to be the pinnacle of hunting arrow technology; a bone-crushing, micro-diameter shaft with stainless steel layers infused into a 90° carbon fiber weave, the VAP-SS™ is lighter and faster than its predecessor, the Xtorsion™. With higher FOC and the same sledge-hammering momentum, this shaft will punch through anything in its path and is sure to stay straight shot after shot.



### PERFORMANCE GUIDE



SHOK™ TL BROADHEAD ADAPTOR  
 50GR - 7075 Aluminum Alloy  
 75 or 95GR Stainless Steel upgrade for extreme FOC



Improved impact protection sleeve strengthens arrow tip from fracturing - increasing impact resilience and durability. Patent pending taper lock machining improves strength and concentricity.

Shok™ TL adaptor accepts standard 5/16" broadheads with 8-32 thread allowing you to continue using your favorite broadhead for trusted performance.



MATCHED **M** WEIGHT



### SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
250	10.8	31.0	0.166	0.247	± 0.001 Elite ± 0.003 Gamer ± 0.006 Sport
300	9.9	31.0	0.166	0.241	
350	8.8	31.0	0.166	0.234	
400	8.6	31.0	0.166	0.232	

### ACCESSORIES

INCLUDED	OPTIONAL
 SHOK™ TL ALUMINUM INSERT 50GR	 SHOK™ TL INSERT 95GR
 IP NOCK .166 8GR	 SHOK™ TL SS/AL INSERT 75GR

**GAMER**  
 STRAIGHTNESS TOLERANCES  
 + .003"/+0.5gr

**Sport**  
 STRAIGHTNESS TOLERANCES  
 + .006"/+0.5gr

**Elite**  
 STRAIGHTNESS TOLERANCES  
 ± .001"/±0.5gr

**PRO SHOP ONLY**

Patent pending



# VAP TKO™

## The ultimate hunting arrow

- > FASTER ARROW RECOVERY ON SHOT
- > EXCELLENT PENETRATION & MOMENTUM
- > EXTREME FOC
- > LESS AFFECTED BY WIND
- > ADVANCED 3K CARBON WEAVE

### INSIDE DIAMETER

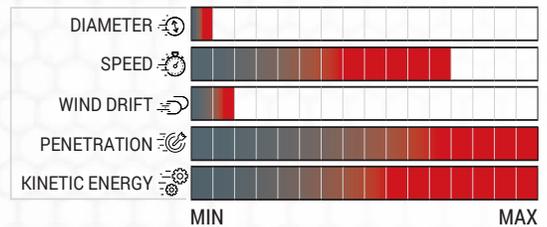
**0.166"**

MICRO DIAMETER ARROW  
 - 100% carbon fiber construction 0.166 diameter for maximum speed and penetration with less wind deflection



The ultimate long-range hunting arrow with our highest recorded kinetic energy at 100 yards! By reducing the torsional deflection associated with the twisting of the arrow shaft at launch, the arrow shaft stabilizes much faster while increasing the retained kinetic energy down range. This makes the VAP TKO™ the most accurate hunting arrow in the Victory arsenal in addition to the deepest penetrating arrow shot from a vertical bow.

## PERFORMANCE GUIDE



SHOK™ TL BROADHEAD ADAPTOR  
 50GR - 7075 Aluminum Alloy  
 75 or 95GR Stainless Steel upgrade for extreme FOC



Improved impact protection sleeve strengthens arrow tip from fracturing - increasing impact resilience and durability. Patent pending taper lock machining improves strength and concentricity.

Shok™ TL adaptor accepts standard 5/16" broadheads with 8-32 thread allowing you to continue using your favorite broadhead for trusted performance.

## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
235	11.1	31.0	0.166	0.252	+ 0.001 Elite + 0.003 Gamer + 0.006 Sport
300	9.5	31.0	0.166	0.242	
350	8.7	31.0	0.166	0.236	
400	7.9	31.0	0.166	0.231	

## ACCESSORIES

INCLUDED	OPTIONAL
<p>SHOK™ TL ALUMINUM INSERT 50GR</p>	<p>SHOK™ TL INSERT 95GR</p>
<p>IP NOCK .166 8GR</p>	<p>SHOK™ TL SS/AL INSERT 75GR</p>
	<p>SHOK™ ALUMINUM INSERT 34GR</p>

PRO SHOP ONLY

**GAMER**

STRAIGHTNESS TOLERANCES  
 $\pm .003"/\pm 0.5gr$

**Sport**

STRAIGHTNESS TOLERANCES  
 $\pm .006"/\pm 0.5gr$

**Elite**

STRAIGHTNESS TOLERANCES  
 $\pm .001"/\pm 0.5gr$

# RIP TKO™

The perfect combination of speed, power, and durability

- > FASTER ARROW RECOVERY ON SHOT
- > EXCELLENT PENETRATION
- > INCREASED FOC
- > LESS AFFECTED BY WIND
- > ADVANCED 3K CARBON WEAVE

## INSIDE DIAMETER

0.204"

SMALL DIAMETER ARROW  
- 100% carbon fiber construction .204 diameter for maximum speed and penetration with less wind deflection



Hunters looking for the perfect combination of speed, power, and durability need look no further than the RIP TKO™. This .204 diameter shaft is smaller than standard hunting arrows which reduces wind drift and increases penetration while maintaining extreme durability. MaxxKe™ Technology also increases kinetic energy during impact, helps the arrow to recover quicker in flight, and ensures your arrow hits hard every time you let it RIP™.

## PERFORMANCE GUIDE



MATCHED WEIGHT



## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
250	8.9	31.0	0.204	0.266	+ 0.001 Elite + 0.003 Gamer + 0.006 Sport
300	8.8	31.0	0.204	0.266	
350	8.7	31.0	0.204	0.265	
400	9.0	31.0	0.204	0.266	

SHOK™ TL204 BROADHEAD ADAPTOR  
50GR - 7075 Aluminum Alloy  
75GR Stainless Steel upgrade for extreme FOC



Improved impact protection sleeve strengthens arrow tip from fracturing - increasing impact resilience and durability. Patent pending taper lock machining improves strength and concentricity.

Shok™ TL adaptor accepts standard 5/16" broadheads with 8-32 thread allowing you to continue using your favorite broadhead for trusted performance.

## ACCESSORIES

INCLUDED	OPTIONAL
<p>SHOK™ TL204 AL INSERT 50GR</p>	<p>SHOK™ SS INSERT 60GR</p>
<p>IP NOCK .204 8GR</p>	<p>SHOK™ ALUMINUM INSERT 21GR</p>
	<p>SHOK™ TL204 SS/AL INSERT 75GR</p>
	<p>10GR 20GR 50GR .204 BACK WEIGHTS</p>

PRO SHOP ONLY

**GAMER**  
STRAIGHTNESS TOLERANCES  
± .003"/±0.5gr

**Sport**  
STRAIGHTNESS TOLERANCES  
± .006"/±0.5gr

**Elite**  
STRAIGHTNESS TOLERANCES  
± .001"/±0.5gr



# VF TKO™

Redefining the standard-diameter high quality hunting arrow

- > HIGHEST PERFORMING STANDARD DIAMETER ARROW
- > LOW TORQUE TECHNOLOGY
- > FASTER ARROW RECOVERY ON SHOT
- > ADVANCED 3K CARBON WEAVE

## INSIDE DIAMETER

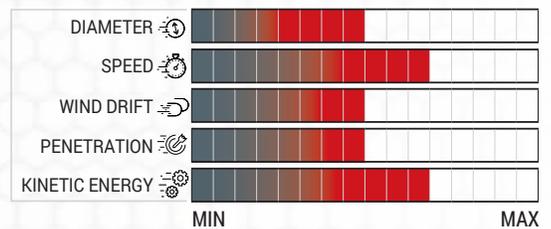
**0.245"**

STANDARD DIAMETER ARROW – .245 standard diameter 100% carbon fiber construction for increased durability and consistency.



The VF TKO™ is the ultimate standard diameter hunting arrow. The 100% all carbon shaft incorporates MaxxKe™ Technology increasing kinetic energy during impact and allowing for faster arrow recovery in flight. These arrows are the fastest recovering, most accurate standard diameter arrow offered in the industry.

## PERFORMANCE GUIDE



MATCHED WEIGHT



## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
250	10.1	31.0	0.245	0.306	
300	9.5	31.0	0.245	0.302	+ 0.001 Elite + 0.003 Gamer + 0.006 Sport
350	8.7	31.0	0.245	0.297	
400	8.1	31.0	0.245	0.295	

## ACCESSORIES

INCLUDED	OPTIONAL
VFORCE RPS INSERT 22GR	VFORCE INSERT 11GR
BLAZER NOCK 9GR	VFORCE SS INSERT 33GR
	10GR 20GR 50GR .245 BACK WEIGHTS
	LIGHTED SWITCH NOCK

PRO SHOP ONLY

**GAMER**

STRAIGHTNESS TOLERANCES  
**± .003"/±0.5gr**

**Elite**

STRAIGHTNESS TOLERANCES  
**± .001"/±0.5gr**

**Sport**

STRAIGHTNESS TOLERANCES  
**± .006"/±0.5gr**

# VAP™

Started the revolution in micro diameter ultra durable hunting arrows

- > MAXIMUM PENETRATION AND LESS EFFECTED BY WIND
- > UNSURPASSED DURABILITY
- > EXTREME FOC
- > 100% HIGH MODULUS CARBON FIBER

**INSIDE DIAMETER**  
**0.166"**  
 MICRO DIAMETER ARROW  
 - 100% carbon fiber construction 0.166 diameter for maximum speed and penetration with less wind deflection



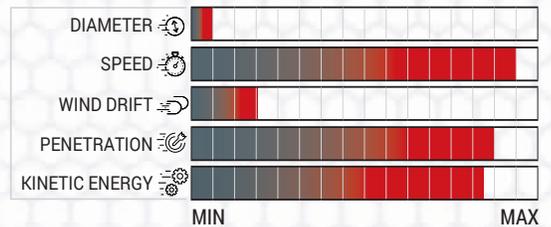
The VAP™ Hunting arrow has redefined industry standards for precision, penetration, and kinetic energy. These .166" micro-diameter arrows are far less affected by cross-winds at longer distances and incorporate extreme front of center technology to pack a serious punch.



MATCHED **M** WEIGHT



## PERFORMANCE GUIDE



## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
250	9.8	31.0	0.166	0.244	± 0.001 Elite ± 0.003 Gamer ± 0.006 Sport
300	8.7	31.0	0.166	0.237	
350	7.8	31.0	0.166	0.232	
400	7.2	31.0	0.166	0.227	
450	6.6	31.0	0.166	0.223	
500	6.1	31.0	0.166	0.218	

SHOK™ TL BROADHEAD ADAPTOR  
 50GR - 7075 Aluminum Alloy



Improved impact protection sleeve strengthens arrow tip from fracturing - increasing impact resilience and durability. Patent pending taper lock machining improves strength and concentricity.

Shok™ TL adaptor accepts standard 5/16" broadheads with 8-32 thread allowing you to continue using your favorite broadhead for trusted performance.

## ACCESSORIES

INCLUDED	OPTIONAL
<p>SHOK™ TL ALUMINUM INSERT 50GR</p>	<p>SHOK™ TL INSERT 95GR</p>
<p>IP NOCK .166 8GR</p>	<p>SHOK™ TL SS/AL INSERT 75GR</p>
	<p>SHOK™ ALUMINUM INSERT 35GR</p>

**GAMER**  
 STRAIGHTNESS TOLERANCES  
 ± .003"/±0.5gr

**Sport**  
 STRAIGHTNESS TOLERANCES  
 ± .006"/±0.5gr

**Elite**  
 STRAIGHTNESS TOLERANCES  
 ± .001"/±0.5gr



# RIP XTREME VELOCITY™

The lightest, fastest hunting arrow in our arsenal

- > MINIMAL PIN GAP WHICH ALLOWS FOR SINGLE PIN SHOTS UP TO 40 YARDS
- > INCREASED SPEED FOR INCREASED KINETIC ENERGY
- > EXTREME VELOCITY, FLAT TRAJECTORY
- > SMALL DIAMETER SHAFT
- > EXTREME FOC

## INSIDE DIAMETER

**0.204"**

SMALL DIAMETER ARROW  
 – 100% carbon fiber construction .204 diameter for maximum speed and penetration with less wind deflection



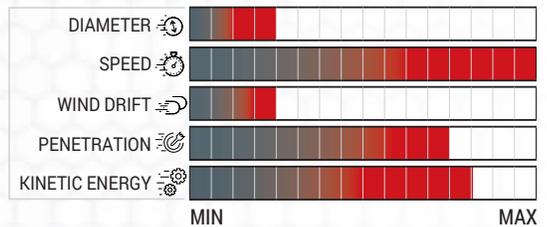
The RIP XV™ was designed and extensively tested for two qualities – speed and long-range accuracy. Our carbon engineers synthesized different high-modulus carbon formulas to develop this sub 6 GPI ultra-light and super-deadly arrow. The .204 small diameter shaft leaves less surface area for wind deflection and its lightweight construction delivers extremely flat trajectory over long distances. Coupled with our SHOK™ insert for better penetration and high FOC the RIP XV™ is the perfect extreme velocity hunting arrow.



MATCHED **M** WEIGHT



## PERFORMANCE GUIDE



## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
250	8.0	31.0	0.204	0.260	+ 0.001 Elite + 0.003 Gamer + 0.006 Sport
300	7.1	31.0	0.204	0.255	
350	6.4	31.0	0.204	0.251	
400	5.9	31.0	0.204	0.247	
500	5.1	31.0	0.204	0.242	

## SHOK™ BROADHEAD ADAPTOR

7075 Aluminum Alloy Hard Anodized

Shok™ Adaptor accepts 8/32" broadheads allowing you to continue using your favorite broadhead for trusted performance.



Exclusive impact protection sleeve protects the tip of the arrow from fracturing - increases impact strength and durability.

## ACCESSORIES

INCLUDED	OPTIONAL
 SHOK™ ALUMINUM INSERT 21GR	 SHOK™ TL204 AL INSERT 50GR
 IP NOCK .204 8GR	 SHOK™ TL204 SS INSERT 75GR
	 SHOK™ SS INSERT 60GR
	 10GR 20GR 50GR .204 BACK WEIGHTS

**GAMER**

STRAIGHTNESS TOLERANCES  
 ± .003"/±0.5gr

**Sport**

STRAIGHTNESS TOLERANCES  
 ± .006"/±0.5gr

**Elite**

STRAIGHTNESS TOLERANCES  
 ± .001"/±0.5gr

# RIP™

The most versatile arrow in our line-up for any game

- > EXCELLENT PENETRATION
- > EXTREMELY DURABLE
- > EXCELLENT PENETRATION
- > LESS AFFECTED BY WIND
- > 100% HIGH PERFORMANCE CARBON FIBER

**INSIDE DIAMETER**  
**0.204"**  
 SMALL DIAMETER ARROW  
 - 100% carbon fiber  
 construction .204 diameter  
 for maximum speed and  
 penetration with less wind  
 deflection



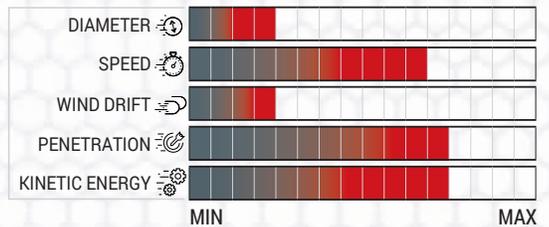
Looking for an arrow with the speed and accuracy of a small-diameter shaft but the durability and kinetic energy of a larger arrow? The RIP™ .204 small-diameter shaft reduces wind drift and the SHOK™ insert improves FOC balance while increasing penetration. This is one of the hardest hitting arrows in our arsenal to give you the confidence you need to let it RIP™.



MATCHED **M** WEIGHT



## PERFORMANCE GUIDE



**SHOK™ BROADHEAD ADAPTOR**  
 60GR Stainless Steel

Shok™ Adaptor accepts 8/32" broadheads allowing you to continue using your favorite broadhead for trusted performance.



Exclusive impact protection sleeve protects the tip of the arrow from fracturing - increases impact strength and durability.

## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
250	9.3	31.0	0.245	0.268	+ 0.001 Elite + 0.003 Gamer + 0.006 Sport
300	8.8	31.0	0.204	0.265	
350	8.2	31.0	0.204	0.262	
400	7.5	31.0	0.204	0.258	
500	7.0	31.0	0.204	0.255	

## ACCESSORIES

INCLUDED	OPTIONAL
 SHOK™ SS INSERT 60GR	 SHOK™ TL204 AL INSERT 50GR
 IP NOCK .204 8GR	 SHOK™ ALUMINUM INSERT 21GR
	 SHOK™ TL204 SS INSERT 75GR
	 10GR 20GR 50GR .204 BACK WEIGHTS

**GAMER**

STRAIGHTNESS TOLERANCES  
 $\pm .003"/\pm 0.5gr$

**Sport**

STRAIGHTNESS TOLERANCES  
 $\pm .006"/\pm 0.5gr$



# VFORCE™

Defining the standard-diameter high quality hunting arrow

- > SUPERIOR STRAIGHTNESS
- > EXTREMELY DURABLE
- > UNIFORM CONCENTRICITY
- > 100% CARBON FIBER CONSTRUCTION

## INSIDE DIAMETER

**0.245"**

STANDARD DIAMETER ARROW – .245 standard diameter 100% carbon fiber construction for increased durability and consistency.



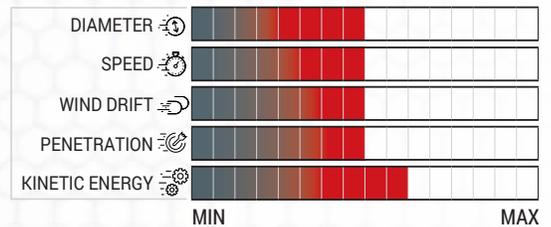
The VForce™ arrow has defined the industry standard for high quality hunting arrows since day one. Highly advanced carbon engineering helped to craft this 100% all carbon shaft with incredible consistency and durability. If you want one of the toughest, most dependable hunting shafts on the market, then the VForce™ is for you.



MATCHED **M** WEIGHT



## PERFORMANCE GUIDE



## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
250	10.8	31.0	0.245	0.309	
300	9.7	31.0	0.245	0.304	
350	8.7	31.0	0.245	0.298	+ 0.001 Elite
400	8.2	31.0	0.245	0.295	+ 0.003 Gamer
500	6.9	31.0	0.245	0.287	+ 0.006 Sport
600	6.6	31.0	0.245	0.287	

## ACCESSORIES

INCLUDED	OPTIONAL
 VFORCE RPS INSERT 22GR	 VFORCE INSERT 11GR
 BLAZER NOCK 9GR	 VFORCE SS INSERT 33GR
	 10GR 20GR 50GR .245 BACK WEIGHTS
	 LIGHTED SWITCH NOCK

**Elite**

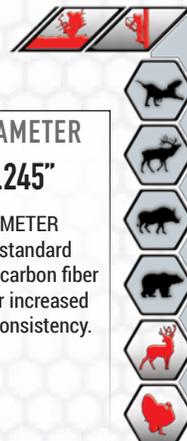
STRAIGHTNESS TOLERANCES  
± .001"/±0.5gr

**GAMER**

STRAIGHTNESS TOLERANCES  
± .003"/±0.5gr

**Sport**

STRAIGHTNESS TOLERANCES  
± .006"/±0.5gr



# VFORCE JR

## High performance youth arrow

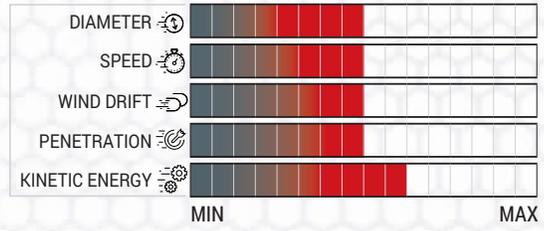
- > EXTREMELY DURABLE
- > UNIFORM CONCENTRICALLY
- > 100% CARBON FIBER CONSTRUCTION

**INSIDE DIAMETER**  
 **0.245"**  
 STANDARD DIAMETER  
 ARROW – .245 standard  
 diameter 100% carbon fiber  
 construction for increased  
 durability and consistency.



The VForce JR is offered in a .245 standard diameter and available in one of the most popular youth spines. For those junior hunters that want to take their skills to the next level and shoot their first game, the VForce JR is the perfect choice. These arrows are 100% all carbon and are custom hand fletched, for precision hunting.

## PERFORMANCE GUIDE



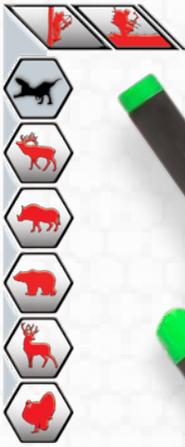
**STRAIGHTNESS TOLERANCES**  
 $\pm .006"/\pm 0.5gr$

## SPECIFICATIONS CHART

SPINE	SHAFT WEIGHT GPI	SHAFT LENGTH INCHES	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
600	6.6	31.0	0.245	0.287	+ 0.001 Elite + 0.003 Gamer + 0.006 Sport

## ACCESSORIES

INCLUDED	OPTIONAL
 BLAZER NOCK 9GR	 VFORCE RPS INSERT 22GR
 VF INSERT 11GR	 VFORCE SS INSERT 33GR
	 LIGHTED SWITCH NOCK



# **BOLT**

## Standard diameter bolt

- > 100% CARBON FIBER
- > MAXIMUM POWER
- > ICE COATING
- > EFOC (EXTREME FORWARD OF CENTER)
- > 100% CUSTOM HAND FLETCHED

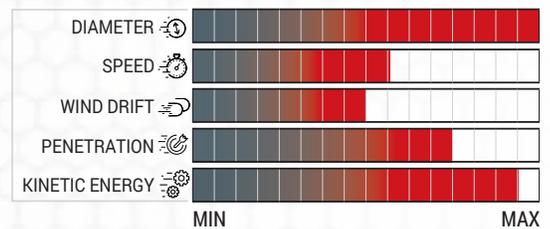
### INSIDE DIAMETER

 **0.300"**

STANDARD BOLT – 100% carbon fiber construction 0.300 Diameter able to withstand the power of the latest crossbows.

The XBolt Crossbow bolts can withstand the power of the latest crossbows, fly true and have the knock-down power needed to get the job done. The XBolt Crossbow bolts are optimized with the EFOC (Extreme Forward of Center) design to help stabilize the arrow in flight. The XBolt includes both flat and half-moon nocks and a specially-designed brass insert. Victory's Spine Alignment process increases the accuracy and they come hand-fletched in Bohning XVanes or Fusion X-II vanes.

### PERFORMANCE GUIDE



**MATCHED WEIGHT**



### SPECIFICATIONS CHART

SHAFT LENGTH INCHES	TOTAL WEIGHT GRAINS	INSERT WEIGHT GRAINS	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
20.0	325	110	0.300	0.344	+ 0.001 Elite + 0.003 Gamer + 0.006 Sport
22.0	325	92	0.300	0.344	

**Elite**

STRAIGHTNESS TOLERANCES  
**± .001"/±0.5gr**

**GAMER**

STRAIGHTNESS TOLERANCES  
**± .003"/±0.5gr**

**Sport**

STRAIGHTNESS TOLERANCES  
**± .006"/±0.5gr**

### ACCESSORIES

INCLUDED	OPTIONAL
 BRASS INSERT 92 – 110GR	 FLAT NOCK 9GR
 HALF MOON NOCK 11GR	 HALF MOON LIGHTED NOCK

# VOODOO

The world's only advanced hybrid carbon stainless steel crossbow bolt

**WARNING: 2 TARGETS NEED TO STOP THIS ARROW**

- > EXTREME PENETRATION
- > EXTREME SPEED
- > EXTREME DURABILITY

**INSIDE DIAMETER**  
 **0.166"**

VooDoo SS Bolt - .166 micro-diameter shaft penetrates deeper & cuts through the wind like no other bolt can



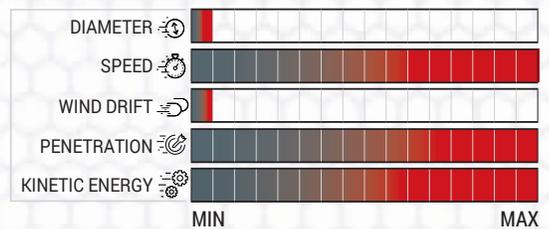
The Voodoo-SS builds on a decade of success to create the world's best penetrating bolt with stainless steel mesh woven into the carbon for extreme durability. With the improved SHOK™ TL outsert and reconfigured vane offset, the Voodoo-SS is the most accurate, hard hitting and durable bolt we have ever made.



MATCHED **M** WEIGHT



## PERFORMANCE GUIDE

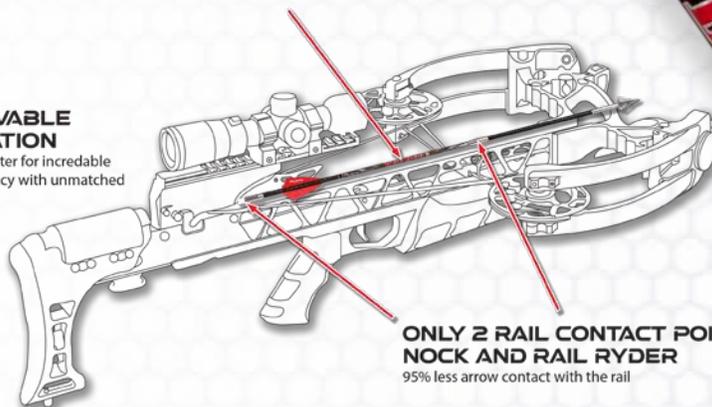


### EXTRA CLEARANCE ABOVE THE RAIL

Allows for a helical vane configuration yielding a faster spin rate off the rail

### UNBELIEVABLE PENETRATION

Ultra small diameter for incredible speed and accuracy with unmatched power



**ONLY 2 RAIL CONTACT POINTS**  
**NOCK AND RAIL RYDER**  
 95% less arrow contact with the rail

### SHOK™ TL BROADHEAD ADAPTOR

50GR - 7075 ALUMINUM ALLOY



IMPROVED IMPACT PROTECTION SLEEVE STRENGTHENS ARROW TIP FROM FRACTURING - INCREASING IMPACT RESILIENCE AND DURABILITY. PATENT PENDING TAPER LOCK MACHINING IMPROVES STRENGTH AND CONCENTRICITY

SHOK™ TL ADAPTOR ACCEPTS STANDARD 5/16" BROADHEADS WITH 8-32 THREAD ALLOWING YOU TO CONTINUE USING YOUR FAVORITE BROADHEAD FOR TRUSTED PERFORMANCE

STRAIGHTNESS TOLERANCES

± .003"/±0.5gr

## SPECIFICATIONS CHART

SHAFT LENGTH INCHES	TOTAL WEIGHT GRAINS	INSERT WEIGHT GRAINS	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
20.0	315	50	0.166	0.241	± 0.003

## **WARNING**

**2 TARGETS NEEDED TO STOP THIS BOLT**  
 - EXTREME PENETRATION  
 - EXTREME SPEED  
 - EXTREME DURABILITY



# VOODOO

The first of it's kind, advanced crossbow bolt

- > LESS WIND DRIFT
- > DEEPER PENETRATION
- > EXTRA CLEARANCE ABOVE RAIL
- > PENETRATOR BROADHEAD ADAPTERS
- > HELICAL FLETCHED

## INSIDE DIAMETER

**0.166"**

VooDoo Bolt - .166 micro-diameter shaft penetrates deeper & cuts through the wind like no other bolt can



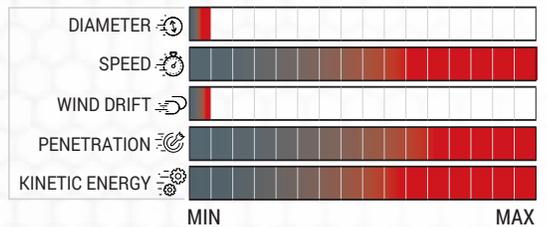
The VAP Voodoo crossbow bolt was ahead of its time, by about a decade. It's revolutionary micro diameter construction coupled with Rail Rider technology allowing it to be shot from virtually any crossbow with a conventional rail, and its weight forward design meant it could punch through anything in its path.



**MATCHED M WEIGHT**



## PERFORMANCE GUIDE

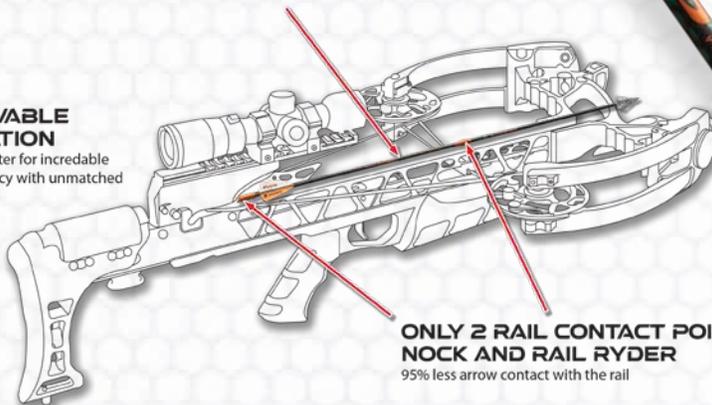


### EXTRA CLEARANCE ABOVE THE RAIL

Allows for a helical vane configuration yielding a faster spin rate off the rail

### UNBELIEVABLE PENETRATION

Ultra small diameter for incredible speed and accuracy with unmatched power



**ONLY 2 RAIL CONTACT POINTS  
NOCK AND RAIL RYDER**  
95% less arrow contact with the rail

### PENETRATOR BROADHEAD ADAPTOR

50GR - 7075 ALUMINUM ALLOY



PENETRATOR ADAPTOR ACCEPTS STANDARD 5/16" BROADHEADS WITH #32 THREAD ALLOWING YOU TO CONTINUE USING YOUR FAVORITE BROADHEAD FOR TRUSTED PERFORMANCE

**STRAIGHTNESS TOLERANCES**

**± .003"/±0.5gr**

## SPECIFICATIONS CHART

SHAFT LENGTH INCHES	TOTAL WEIGHT GRAINS	INSERT WEIGHT GRAINS	SHAFT ID	SHAFT OD	SHAFT STRAIGHTNESS
20.0	320	92	0.166	0.238	± 0.003
22.0	340	92	0.166	0.238	

# SELECT ACCESSORIES

Check out [victoryarchery.com](http://victoryarchery.com) for ordering information.

## ADHESIVE



### VICTORY BOND

Victory Bond is a fast setting, low-viscosity cyanoacrylate based adhesive. Vanes, feathers or nocks, carbon, wood or aluminum, it makes no difference, Victory Bond has you covered. This high quality adhesive gives you the peace of mind that what you glue will stay glued. Use sparingly for the strongest bond, and this bottle will fletch hundreds of arrows.



### BLACK FUSION

Black Fusion by Victory Archery is the industry's toughest insert glue. Rubberized particles blended into the adhesive allow the bond to maintain elasticity while providing superior hold. This unique blend ensures the bond between arrow and component never crystallizes or fractures, allowing for repeated high impact revolutions without the fear of failure.

## HATS



Gray/Black



Red/Gray



Woodland Camo

## SHOOTER JERSEY



### SHOOTER JERSEYS

A must have for the competitive archer. Made from high quality wicking material, they feature a collar, quarter zip, relaxed fit.  
**Available in S-XXXL**

## SELECT ACCESSORIES (CONTINUED)

T SHIRTS



### "VICTORY PULSE" T-SHIRTS

A super comfortable cotton polyester blend for the range, scouting and everywhere in between.

**Available in S-XXXL**



### "VICTORY ARROW" T-SHIRTS

A super comfortable cotton polyester blend for the range, scouting and everywhere in between.

**Available in S-XXXL**

HOODIES



### "VICTORY BOW" HOODIES

A super comfortable cotton polyester blend for the range, scouting and everywhere in between.

**Available in S-XXXL**



### "VICTORY FLAG" HOODIES

A super comfortable cotton polyester blend for the range, scouting and everywhere in between.

**Available in S-XXXL**

# FITTING CHARTS

**VICTORY VAP SHOK .166/MICRO DIAMETER INSERT APPLICATION CHART**

INSERT	PART #	GR WEIGHT	VAP	VAP TKO	VAP-SS
	ACVAPI229GN	34 GR ALUM	400, 500, 600		
	ACVAPI234GY	34 GR ALUM	350	400	400
	ACVAPI241BL	34 GR ALUM	250, 300	300, 350	350

**VICTORY RIP SHOK .204/SMALL DIAMETER INSERT APPLICATION CHART**

INSERT	PART #	GR WEIGHT	RIP	RIPXV	RIP TKO
	ACRIPI260GN	21 GR ALUM	400, 500	300, 350, 400, 500	
	ACRIPI260SS	60 GR SS			
	ACRIPI264GY	21 GR ALUM	350	250	
	ACRIPI264SS	60 GR SS			
	ACRIPI267BL	21 GR ALUM	300		250, 300, 350, 400
	ACRIPI267SS	60 GR SS			

**VICTORY SHOK CARBON TRAD INSERT APPLICATION CHART**

INSERT	PART #	GR WEIGHT	Carbon Trad
	ACRIPI279SS	80 GR SS	650, 550
	ACRIPI283SS	80 GR SS	350, 450

**VICTORY SHOK TAPER LOCK (TL204) INSERT APPLICATION CHART**

INSERT	PART #	GR WEIGHT	XTORSION	RIPTKO	RIP	RIPXV
	ACISHOKRS	50 GR ALUM			400, 500	300, 350, 400, 500
	ACISHOKRSS	75 GR ALUM/SS				
	ACISHOKRM	50 GR ALUM	400	250, 300, 350, 400	300, 350	250
	ACISHOKRMS	75 GR ALUM/SS				
	ACISHOKRL	50 GR ALUM	300, 350			
	ACISHOKRLS	75 GR ALUM/SS				
	ACISHOKRXL	50 GR ALUM	250			
	ACISHOKRXLS	75 GR ALUM/SS				

## FITTING CHARTS (CONTINUED)

<b>VICTORY SHOK TAPER LOCK (TL) .166 APPLICATION CHART</b>					
<b>INSERT</b>	<b>PART #</b>	<b>GR WEIGHT</b>	<b>VAP</b>	<b>VAP TKO</b>	<b>VAP-SS</b>
	ACISHOKVS	50 GR ALUM	400, 450, 500		
	ACISHOKVSS	75 GR ALUM/SS			
	ACISHOKVS95	95 GR SS			
	ACISHOKVM	50 GR ALUM	350	400	400
	ACISHOKVMS	75 GR ALUM/SS			
	ACISHOKVM95	95 GR SS			
	ACISHOKVL	50 GR ALUM	300	350	350
	ACISHOKVLS	75 GR ALUM/SS			
	ACISHOKVL95	95 GR SS			
	ACISHOKVXL	50 GR ALUM	250	300	300
	ACISHOKVXLS	75 GR ALUM/SS			
	ACISHOKVXL95	95 GR SS			
	ACISHOKVXXL	50 GR ALUM			250
	ACISHOKVXXLS	75 GR ALUM/SS			
	ACISHOKVXXL95	95 GR SS			

<b>VICTORY BACK WEIGHT APPLICATION CHART</b>		
<b>INSERT</b>	<b>PART #</b>	<b>GR WEIGHT</b>
	ACBW204-10-12	.204 Dia 10gr backweight 12pk
	ACBW204-20-12	.204 Dia 20gr backweight 12pk
	ACBW204-50-12	.204 Dia 50gr backweight 12pk
	ACBW245-10-12	.245 Dia 10gr backweight 12pk
	ACBW245-20-12	.245 Dia 20gr backweight 12pk
	ACBW245-50-12	.245 Dia 50gr backweight 12pk
	ACAW	Backweight wrench



—THE CARBON ARROW EXPERTS—

# SPINE CHARTS

VF/RIP XV SPINE CHART									
Compound	Arrow Length								
Bow Rating 300-340 FPS	23"	24"	25"	26"	27"	28"	29"	30"	31"
37-41					500	500	500	500	500
42-46				500	500	500	500	500	400
47-51		500	500	500	500	400	400	400	400
52-56	500	500	500	400	400	400	400	400	350
57-61	500	500	400	400	400	400	400	350	350
62-66	400	400	400	400	350	350	350	350	300
67-72	400	400	400	350	350	350	350	300	300
73-78	400	400	350	350	300	300	300	300	300
79-84	350	350	350	300	300	300	300	250	250
85-90	350	350	300	300	300	250	250	250	250
90-95	300	300	300	250	250	250	250	250	
95-100	300	300	250	250	250	250			

Spine Calculation based on Standard 21/22 Grain Insert

VAP TKO/VAP SS/RIP/RIP TKO SPINE CHART									
Compound	Arrow Length								
Bow Rating 300-340 FPS	23"	24"	25"	26"	27"	28"	29"	30"	31"
32-36					500	500	500	500	500
37-41				500	500	500	500	500	400
42-46		500	500	500	500	400	400	400	400
47-51	500	500	500	400	400	400	400	400	350
52-56	500	500	400	400	400	400	400	350	350
57-61	400	400	400	400	350	350	350	350	300
62-66	400	400	400	350	350	350	350	300	300
67-72	400	400	350	350	300	300	300	300	300
73-78	350	350	350	300	300	300	300	250	250
79-84	350	350	300	300	300	250	250	250	250
85-90	300	300	300	250	250	250	250	250	
90-95	300	300	250	250	250	250			

Spine Calculation based on Standard 50/60 Grain Insert

STANDARD VAP SPINE CHART									
Compound	Arrow Length								
Bow Rating 300-340 FPS	23"	24"	25"	26"	27"	28"	29"	30"	31"
37-41					500	500	500	500	500
42-46			500	500	500	500	450	450	450
47-51		500	500	500	450	450	400	400	400
52-56	500	500	450	450	450	400	400	350	350
57-61	500	450	450	450	400	400	350	350	350
62-66	450	450	400	400	350	350	350	300	300
67-72	450	400	400	350	350	350	300	300	300
73-78	400	400	350	350	300	300	300	300	250
79-84	400	350	350	300	300	300	250	250	250
85-90	350	350	300	300	250	250	250	250	250
90-95	350	300	300	250	250	250	250	250	
95-100	300	300	250	250	250	250			

Spine Calculation based on Standard 35 Grain Insert

If 75 grain insert is used, add 5 lbs draw weight. If 95 grain insert is used, add 10 lbs draw weight.

IMPORTANT NOTES	
Below 300 FPS	Deduct 5 lbs Draw Weight
300-330	Baseline Draw Weight
331-351	Add 5 lbs Draw Weight
Above 351 FPS	Add 10 lbs Draw Weight
If draw length and poundage fall on the edge of a spine with a 100 or 125 grain point, choose the stiffer spine	
THIS CHART IS FOR GENERAL REFERENCE ONLY, FOR DETAILED SPINE INFO VISIT <a href="http://www.victoryarchery.com/arrow-guide/">www.victoryarchery.com/arrow-guide/</a>	

# VICTORY ARCHERY SAFETY WARNING

**ALWAYS INSPECT ARROWS BEFORE USE**



## ARCHERY SAFETY

Victory Archery is committed to safe archery. Archery/hunting requires a high level of skill and caution at all times to avoid personal injury or property damage. Victory Arrows should only be used by those trained in the proper use of bows and arrows or under the supervision of a qualified instructor.

Arrows should always be inspected before each use for signs of damage. Impact with hard objects, other arrows or being shot into a game animal can all cause damage. We recommend flexing each arrow and inspecting for any sign of cracks or splits before each use. Grasp the arrow between the point and nock, flex the arrow along its length so as to deflect it approximately 1 to 2" in an arc and listen for cracking. Never use an arrow with any sign of damage. A cracked or split arrow can suffer catastrophic failure upon release and cause severe injury to yourself or others in the area.

## PRACTICE SAFE ARCHERY

After loading an arrow into a bow, never point at any person or property. An arrow can be accidentally discharged and cause

severe injury and property damage. Never shoot an arrow without having full visual contact with the target and knowing what is behind the target. Always inspect your bow, arrows and components prior to each use.

## BOWHUNTING PRECAUTIONS

When hunting, the possibility of arrow damage increases significantly. This is due to the high likelihood of the arrow impacting various things (roots, trees, fences, posts, rocks, hard ground, bone, etc), possible misuse (improper maintenance, abuse, or care), impact with other arrows, or the angle in which it impacts/passes through an animal. Damage to the arrow can result in sharp and/or splintered carbon fragments which are harmful to humans, especially if ingested. If there is ANY suspected carbon arrow damage please utilize the guidelines listed below.

- 1) Thoroughly inspect the entrance wound, exit wound, and surrounding area prior to removing the carbon arrow in order to determine whether or not there are splinters/fragments imbedded in the game animal.
- 2) Use extreme caution when removing the broken segments of the carbon arrow shaft.
- 3) While field dressing game animals, use care to avoid splinters/fragments of carbon fiber.
- 4) Carefully remove and dispose of any flesh that has the presence or suspected presence of carbon fiber splinters or fragments.

To err on the side of caution is always the best course of action. Victory Archery is committed to safe archery. Use good judgment in determining whether or not something is unsafe, incorrect, or there is a possibility of harm.

## ARROW SAFETY WARNING

Victory Archery is committed to safe archery. Archery/hunting requires a high level of skill and caution at all times to avoid personal injury, death, or property damage. Victory products should only be used by those trained in the proper use of bows and arrows or under the direct supervision of a qualified instructor. After loading an arrow into a bow, never point at any person or property. An arrow can be accidentally discharged and cause severe injury, death, or property damage. Never shoot an arrow without having full visual contact with the target and knowing what is behind the target. Always inspect your bow, arrows, and components prior to each use. Careless handling of arrows or components can result in severe injury. If an arrow has been damaged, or appears to be damaged, dispose of it immediately.

### NEVER ATTEMPT TO SHOOT A DAMAGED ARROW. INSPECT ARROWS FOR DAMAGE PRIOR TO EVERY SHOT

Impact with hard objects, other arrows, or being shot into a game animal can all cause damage. No list is all inclusive; there are many other conditions and situations that may cause damage, so it is crucial to your safety and the safety of those around you that all arrows and components (new or used) are inspected for possible damage. We recommend flexing each arrow and inspecting for any sign of cracks or splits before each use. Grasp the arrow between point and nock. Flex the arrow, away from you or others, along its length so as to deflect it approximately 1 to 2 inches in an arc and listen for cracking. Before shooting, run your fingertip along the entire arrow shaft length, feeling and looking for nicks, cracks, splits, dents, or other marks that could indicate any possible shaft damage. Never use an arrow with any sign of damage. A cracked or split arrow can suffer catastrophic failure upon release and cause severe injury to yourself and others in the area. Before each shot, ensure that the nock is fully seated against the string and that the nock fits tightly into the shaft. Adherence to these recommended guidelines will reduce the possibility of injury and promote a safe and fun archery experience.

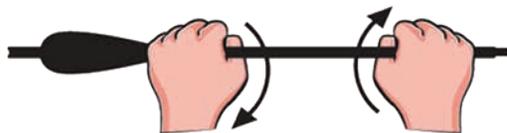


## CROSSBOW BOLT SAFETY WARNING

Victory Archery is committed to safe shooting practices. Crossbow shooting & hunting requires a high level of skill and caution at all times to avoid personal injury, death, or property damage. Victory products should only be used by those trained in the proper use of crossbows and bolts or under the direct supervision of a qualified instructor. After loading a bolt into a crossbow, never point at any person or property. Bolts can be accidentally discharged and cause severe injury, death, or property damage. Never shoot a bolt without having full visual contact with the target and knowing what is behind the target. Always inspect your crossbow, bolts, and components prior to each use. Careless handling of bolts or components can result in severe injury. If a bolt has been damaged, or appears to be damaged, dispose of it immediately.

### NEVER ATTEMPT TO SHOOT A DAMAGED BOLT. INSPECT BOLTS FOR DAMAGE PRIOR TO EVERY SHOT

Impact with hard objects, other bolts, or being shot into a game animal, can all cause damage. We recommend flexing each bolt and inspecting for any sign of cracks or splits before each use. Grasp the bolts firmly with both hands between the point and nock. Twist, flex and squeeze the shaft while listening for cracking. Never use bolts with any sign of damage. A cracked or split bolt can suffer catastrophic failure upon release and cause severe injury to yourself or others in the area.



**ADDITIONAL SAFETY INFORMATION CAN BE FOUND AT [WWW.VICTORYARCHERY.COM/SAFETY](http://WWW.VICTORYARCHERY.COM/SAFETY)**

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



— THE CARBON ARROW EXPERTS —

