

# FMJ™ AND CARBON ARROW SELECTION CHART

COMPOUND BOW BOW RATING TO 301-340 FPS	YOUR ARROW LENGTH										RECURVE	LONGBOW
	23"	24"	25"	26"	27"	28"	29"	30"	31"	32"		
BOW POUNDAGE	BOW POUNDAGE											
22-26				700, 600	700, 600	600	600	600	500, 480, 460, 470	500, 480, 470, 460		38-43
27-31			700, 600	700, 600	600	600	600	500, 480, 460, 470	500, 480, 470, 460	400, 390		44-49
32-36		700, 600	700, 600	600	600	600	500, 480, 460, 470	500, 480, 470, 460	400, 390	400, 390	32-36	50-55
37-41	700, 600	700, 600	600	600	600	500, 480, 460, 470	500, 480, 470, 460	400, 390	400, 390	400, 390	37-41	56-61
42-46	700, 600	600	600	600	500, 480, 460, 470	500, 480, 470, 460	400, 390	400, 390	400, 390	340, 330, 320	42-46	62-67
47-51	600	600	600	500, 480, 460, 470	500, 480, 470, 460	400, 390	400, 390	400, 390	340, 330, 320	340, 330, 320, 300	47-51	68-73
52-56	600	600	500, 480, 460, 470	500, 480, 470, 460	400, 390	400, 390	400, 390	340, 330, 320	340, 330, 320, 300	330, 320, 300	52-56	74-79
57-61	600	500, 480, 460, 470	500, 480, 470, 460	400, 390	400, 390	400, 390	340, 330, 320	340, 330, 320, 300	330, 320, 300	300, 280, 260, 250, 240	57-61	80-85
62-66	500, 480, 460, 470	500, 480, 470, 460	400, 390	400, 390	400, 390	340, 330, 320	340, 330, 320, 300	330, 320, 300	300, 280, 260, 250, 240	260, 250, 240	62-66	
67-72	500, 480, 470, 460	400, 390	400, 390	400, 390	340, 330, 320	340, 330, 320, 300	330, 320, 300	300, 280, 260, 250, 240	260, 250, 240		67-72	
73-78	400, 390	400, 390	400, 390	340, 330, 320	340, 330, 320, 300	330, 320, 300	300, 280, 260, 250, 240	260, 250, 240			73-78	
79-84	400, 390	400, 390	340, 330, 320	340, 330, 320, 300	330, 320, 300	300, 280, 260, 250, 240	260, 250, 240					

Note: For fractional arrow lengths, round up or down to the closest column. Examples, if arrow length is 28.25" round down to the 28" column. If arrow length is 28.5" round up to the 29" column.

## ADJUSTING THE CHART TO YOUR BOW SET-UP

The Hunting Chart is based on a Bow Speed Rating of 301-340 FPS and 100-grain points. If your set-up is different, make the following adjustments to your bow weight.

Bow Speed Ratings:		Point Weights:	
Up to 300 FPS	subtract 5 lbs of bow weight	75 grains	subtract 3 lbs of bow weight
301-340 FPS	no adjustment	100 grains	no adjustment
341-350	add 5 lbs of bow weight	125 grains	add 3 lbs of bow weight
351 FPS or Higher	add 10 lbs of bow weight	150 grains	add 6 lbs of bow weight

## HUNTING ARROW SELECTION

### COMPOUND BOW

- Determine your correct arrow length per diagram on next page.
- Determine correct peak bow weight (not holding weight) and draw length with the assistance of a qualified archery pro shop.
- Determine the ATA (Archery Trade Association) rating velocity of your bow.
- Factor variables to the "standard compound setup" to determine CALCULATED bow weight. For compounds the "standard setup" includes use of a release aid and a brace height greater than 6.5". Deviations for the standard compound setup require factoring in EACH VARIABLE as follows:

A. Brace height lower than 6.5" - add 5 lbs to CALCULATED bow weight.

B. Finger release- add 5 lbs to CALCULATED bow weight.

Add the total of actual PEAK bow weight and all CALCULATED bow weight adjustments to determine final calculated weight. For example, with a 60 lb peak bow with a 6" brace height, calculated bow weight will be 60+5 for a calculated 65 lb bow weight. Now, in the "Calculated Peak Bow Weight" chart, select the column under the

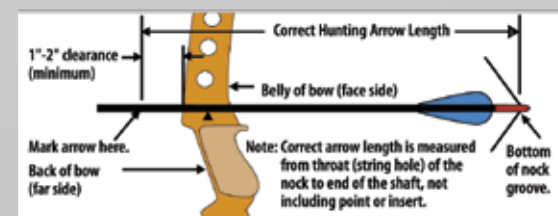
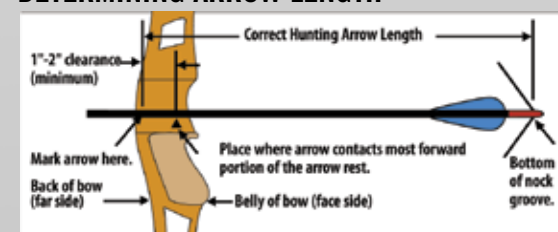
ATA range for your specific bow and your point weight. Follow the column down to your CALCULATED bow weight. Then, follow the chart to the right until you reach the column with your correct arrow length, and note the group letter (A-M). This letter will represent the suggested arrow group for your selection.

### RECURVE OR LONGBOW (FINGER RELEASE)

It is critical that the correct bow weight be used when determining the weight column to be used on the chart. Actual peak bow weight should be measured at your correct draw length. Easton recommends the use of a dedicated bow scale or the assistance of a qualified pro shop for this purpose. Use the Recurve or Longbow ACTUAL weight chart on the right side of the chart to select the column corresponding to your bow type and point weight. Follow the column down to your bow weight and then follow the row to the left to find your suggested arrow group.

The Shaft Size listing below each group letter represents your suggested arrow shaft size. Note that providing incorrect weight or length information, or incorrect variable calculation, may result in an incorrect shaft size selection.

## DETERMINING ARROW LENGTH



Every effort has been made to ensure the accuracy of this catalog. Graphics and images are for illustration purposes only. Due to our effort to improve our products, Easton reserves the right to make changes without notice. 2017 products available for sale on or after December 1, 2016.

## SIZES BY MODEL

FULL METAL JACKET	700	600	500	480	470	460	400	390	340	330	320	300	280	260	250	240
4MM FMJ DEEP SIX™							•	•		•			•			
5MM FMJ™			•				•	•		•		•				
6MM FMJ™					•			•		•		•				
5MM FMJ DANGEROUS GAME™													•		•	
ALL CARBON	700	600	500	480	470	460	400	390	340	330	320	300	280	260	250	240
4MM CARBON INJECTION™				•			•			•						
5MM AXIS®	•	•	•				•	•		•		•		•		
5MM AXIS® TRADITIONAL		•	•				•	•		•		•				
6MM BLOODLINE™				•			•			•		•				•
6MM UNDER ARMOUR™			•				•	•		•		•				
6MM DA'TORCH™				•			•	•		•		•				
6MM HEXX™				•			•	•		•		•				
6MM AFTERMATH™							•	•		•		•				
6MM ION™		•	•				•	•		•		•				
6.5MM FLATLINE™			•				•	•		•		•				
6.5MM BOW FIRE™				•			•	•		•		•				

Easton's selection charts are regularly updated to reflect the latest in bow performance. We continue to make adjustments to size recommendations based on increased bow efficiencies and more aggressive cam profile developments. Please read over the chart and all guidelines before selecting arrow shafts based on prior experience.

For complete interactive arrow selection visit [eastonarchery.com](http://eastonarchery.com) or visit a qualified pro shop to assist in bow tuning and correct arrow size selection.

# ALUMINUM ARROW SIZE SELECTION

COMPOUND BOW BOW RATING TO 301-340 FPS	YOUR ARROW LENGTH										RECURVE	LONGBOW
	23"	24"	25"	26"	27"	28"	29"	30"	31"	32"		
BOW POUNDAGE											BOW POUNDAGE	
22-26				1816	1816, 1916	1916, 2013	1916, 2013	500, 2013, 2016	500, 2016	2018, 2114		38-43
27-31			1816	1816, 1916	1916, 2013	1916, 2013	500, 2013, 2016	500, 2016	2018, 2114	400, 2117, 2213		44-49
32-36		1816	1816, 1916	1916, 2013	1916, 2013	500, 2013, 2016	500, 2016	2018, 2114	400, 2117, 2213	400, 2117, 2215, 2216, 2314	32-36	50-55
37-41	1816	1816, 1916	1916, 2013	1916, 2013	500, 2013, 2016	500, 2016	2018, 2114	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	37-41	56-61
42-46	1816, 1916	1916, 2013	1916, 2013	500, 2013, 2016	500, 2016	2018, 2114	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	340, 2219, 2315, 2413	42-46	62-67
47-51	1916, 2013	1916, 2013	500, 2013, 2016	500, 2016	2018, 2114	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	340, 2219, 2315, 2413	340, 2219, 2315, 2413	47-51	68-73
52-56	1916, 2013	500, 2013, 2016	500, 2016	2018, 2114	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	340, 2219, 2315, 2413	340, 2219, 2315, 2413	300, 2317	52-56	74-79
57-61	500, 2013, 2016	500, 2016	2018, 2114,	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	340, 2219, 2315, 2413	340, 2219, 2315, 2413	300, 2317		57-61	80-85
62-66	500, 2016	2018, 2114	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	340, 2219, 2315, 2413	340, 2219, 2315, 2413	300, 2317			62-66	85-91
67-72	2018, 2114	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	340, 2219, 2315, 2413	340, 2219, 2315, 2413	300, 2317				67-72	92-97
73-78	400, 2117, 2213	400, 2117, 2215, 2216, 2314	2216, 2219, 2314	340, 2219, 2315, 2413	340, 2219, 2315, 2413	300, 2317					73-78	98-103
79-84	400, 2117, 2215, 2216, 2314	2119, 2216, 2314	340, 2219, 2315, 2413	340, 2219, 2315, 2413	300, 2317							

Note: For fractional arrow lengths, round up or down to the closest column. Examples, if arrow length is 28.25" round down to the 28" column. If arrow length is 28.5" round up to the 29" column.

Every effort has been made to ensure the accuracy of this catalog.  
 Graphics and images are for illustration purposes only.  
 Due to our continual effort to improve our products, Easton reserves the right to make changes without notice.

## ADJUSTING THE CHART TO YOUR BOW SET UP

The Hunting Chart is based on a Bow Speed Rating of 301-340 FPS and 100-grain points. If your set-up is different, make the following adjustments to your bow weight.

Bow Speed Ratings:		Point Weights:	
Up to 300 FPS	subtract 5 lbs of bow weight	75 grains	subtract 3 lbs of bow weight
341-350 FPS	add 5 lbs of bow weight.	125 grains	add 3 lbs of bow weight
351 FPS or higher	add 10 lbs of bow weight	150 grains	add 6 lbs of bow weight

## SIZES BY MODEL

ALUMINUM	300	340	400	500	1816	1916	2013	2016	2018	2114	2117	2213	2215	2216	2219	2314	2315	2317	2413
GAMEGETTER™	•	•	•	•															
LEGACY™						•		•	•		•			•	•				
CAMO HUNTER™					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

For complete interactive arrow selection visit [eastonarchery.com](http://eastonarchery.com) or visit a qualified pro shop to assist in bow tuning and correct arrow size selection.

# SHAFT MODELS

FULL METAL JACKET									
Materials/Construction	Inserts	Points	Nock System	Nock Type	Weight Tolerance <sup>4</sup>	Straightness <sup>1</sup>	Color/Finish	Sizes	
4MM FMJ INJEXION™	Precision 7075 alloy jacket bonded to a carbon core	Deep Six HIT® Insert	Deep Six	Internal-fit	4MM Deep Six™	±2 grains	±.002"	Black Carbon, Diamond Pattern	460, 400, 330, 280
5MM FMJ™	Precision 7075 alloy jacket bonded to a carbon core	HIT® Insert or Deep Six RPS	RPS or Deep Six	Internal-fit	5MM X™	±2 grains	±.002"	Black, Diamond Pattern	500, 400, 340, 300
6MM FMJ™	Precision 7075 alloy jacket bonded to a carbon core	ST RPS Insert	RPS	Internal-fit	6MM H™	±2 grains	±.003"	Two-Tone Gunmetal/Silver	470, 390, 320
5MM FMJ DANGEROUS GAME™	Precision 7075 alloy jacket bonded to a carbon core	Brass HIT® Insert or Deep Six RPS	RPS or Deep Six	Internal-fit	5MM X™	±5 grains	±.002" g	Black, Diamond Pattern	300, 250
ALL CARBON									
Materials/Construction	Inserts	Points	Nock System	Nock Type	Weight Tolerance <sup>4</sup>	Straightness <sup>1</sup>	Color/Finish	Sizes	
4MM CARBON INJEXION™	High-strength carbon construction fibers	Deep Six HIT® Insert	Deep Six Point	Internal-fit	4MM Deep Six™	±0.5 grain	±.003"	Black, Micro-smooth	480, 400, 330, 280
5MM AXIS™	High-strength carbon-composite fibers	HIT® Insert	RPS or Deep Six	Internal-fit	5MM X™	±2 grains	±.003"	Black, Micro-smooth	700, 600, 500, 400, 340, 300, 260
5MM AXIS® TRADITIONAL	High-strength carbon-composite fibers	HIT® Insert or Brass HIT® Insert	RPS or Deep Six	Internal-fit	5MM X™	±2 grains	±.003"	Woodgrain Graphic	600, 500, 400, 340
6MM BLOODLINE™	High-strength carbon-composite fibers	HP Insert	HP or RPS	Internal-fit	6MM H™	±2 grains	±.003"	Black, Micro-smooth	480, 400, 330, 240
6MM AXIS™ UNDER ARMOUR™	High-strength carbon-composite fibers	ST RPS Insert	HP or RPS	Internal-fit	6MM H™	±2 grains	±.003"	Black, Micro-smooth	500, 400, 340, 300
6MM DA'TORCH™	UltraLite carbon composite fibers	HP Insert	HP or RPS	X-Uni System	5MM X™	±1 grain	±.001"	Detailed Graphic Overlay	480, 400, 330
6MM HEXX™	UltraLite carbon composite fibers	MicroLite H Insert	HP or RPS	Internal-fit	6MM H™	±1 grain	±.001"	Black, Micro-smooth	480, 400, 330, 260
6MM AFTERMATH™	High-strength carbon-composite fibers	ST RPS Insert	HP or RPS	Internal-fit	6MM H™	±2 grains	±.005"	Black, Micro-smooth	500, 400, 340, 300
6MM ION™	High-strength carbon-composite fibers	HP Insert	RPS	Internal-fit	6MM H™	±2 grains	±.003"	Black, Micro-smooth	600, 500
6.5MM FLATLINE™	SuperLite Carbon multi-layer wrapped fibers	MicroLite Insert	CB or RPS	Internal-fit	6.5MM MicroLite Super	±2 grains	±.003"	Black, Matte	500, 400, 340
6.5MM BOW FIRE™	UltraLite carbon composite fibers	CB Insert	CB or RPS	Internal-fit	6.5MM Super	±1 grain	±.003"	Detailed Graphic Overlay	480, 400, 330
ALLOY									
Alloy	Strength <sup>3</sup> (psi)	Inserts	Points	Nock System	Nock Type	Weight Tolerance <sup>4</sup>	Straightness <sup>1</sup>	Color/Finish	Sizes
CAMO HUNTER™	7075-T9 96,000	RPS Insert	One-piece Bullet	Super UNI System or X UNI System	Super, 3D Super, X or MicroLite™	±1%	±.002"	4-Tone Black, Brown, Dark Green, & Light Green Dye Camo	1816, 1916, 2013, 2016, 2018, 2114, 2117, 2213, 2215, 2216, 2219, 2314, 2315, 2317, 2413
LEGACY™	7075-T9 95,000	RPS Insert	One-piece Bullet	Full-diameter Taper Swage	Conventional	±1%	±.002"	Cedar-Grain, PermaGraphic	1916, 2016, 2018, 2117, 2216, 2219
GAMEGETTER™	7075-T9 96,000	RPS Insert	One-piece Bullet	Super UNI System Composite Bushing	Super or 3D Super	±1¼%	±.003"	Black, Hard-anodized	500, 400, 340, 300
FIBERGLASS									
Alloy	Strength <sup>3</sup> (psi)	Inserts	Points	Nock System	Nock Type	Weight Tolerance <sup>4</sup>	Straightness <sup>1</sup>	Color/Finish	Sizes
SCOUT 2™	Fiberglass	Not Available	Not Available	Steel Sleeve	Open-ended slip-on	N/A	N/A	Orange	17/64"

Some of the products on this page are covered by one or more of these patents: 7,004,859 - 7,077,770 - 7,115,055 - 7,115,055

## CROSSBOW

FULL METAL JACKET									
Materials/Construction	Inserts	Points	Nock System	Nock Type	Weight Tolerance <sup>4</sup>	Straightness <sup>1</sup>	Color/Finish	Sizes	
FMJ™ CROSSBOW	Precision 7075 alloy jacket bonded to a carbon core	HP Bolt Insert	RPS Point	Internal-fit	Halfmoon Flatback	±.2 grains	±.003"	Black, Diamond Pattern	20, 22
CARBON									
Materials/Construction	Inserts	Points	Nock System	Nock Type	Weight Tolerance <sup>4</sup>	Straightness <sup>2</sup>	Color/Finish	Sizes	
BLOODLINE™	SuperLite Carbon multi-layer wrapped fibers	HP Bolt Insert	RPS Point	Internal-fit	Talon™ Halfmoon Flatback	±.2 grains	±.003"	Black, Micro-smooth	20, 22
ALLOY									
Alloy	Strength <sup>3</sup> (psi)	Inserts	Points	Nock System	Nock Type	Weight Tolerance	Straightness <sup>1</sup>	Color/Finish	Sizes
MAGNUM XX75™	7075-T9 96,000	RPS Insert	RPS Point	Internal-fit	Talon™ Halfmoon Flatback	±.2 grains	±.003"	Gray Anodize	20, 22

1 Guaranteed straight to more stringent standards than ATA/ ASTM methods.  
2 Guaranteed to meet or exceed similar carbon-industry straightness specifications.  
3 Tensile strength value may vary ±3%.  
4 Grains-per-shafts in a dozen bundle.  
®/™ Registered trademark/trademark of Easton.

Lost® Camo is a registered trademark of MCP IP LLC.  
Realtree™ is a registered trademark of Jordan Outdoors.  
Under Armour® is a registered trademark.

## ALLOY SHAFT AND COMPONENT SPECIFICATIONS

Size <sup>1,10</sup>	Shaft Weight XX75 <sup>1</sup>	Spine @28" Span	Stock Length XX75 <sup>1</sup>	Conventional Nock Size <sup>3</sup>	UNI System <sup>5</sup>			One-piece Bullet Point	RPS <sup>6</sup> Insert Alum.	RPS <sup>6</sup> Point Size
					UNI Bushing <sup>2</sup>	X Nock Bushing	Super UNI Bushing <sup>8</sup>			
	Grains per Inch	Deflection in Inches	Inches	Inches	Grains	Grains	Grains	Grains <sup>7</sup>	Grains <sup>7</sup>	Inches
1816	9.3	0.756	30	⅜	8	4	—	74	12	⅜
1916	10.0	0.623	31	⅜	9	7	—	82	16	⅜
2013	9.0	0.610	32	⅜	—	—	5	—	21	⅜
2016 (500)	10.6	0.531	32	⅜	—	—	4 <sup>8,10</sup>	90	20	⅜
2018	12.3	0.464	30 ½	⅜	—	—	4	—	19	⅜
2114	9.9	0.510	31	—	(11)	—	7	100	25	⅜
2117 (400)	12.0	0.407	31 ½	⅜	—	—	7 <sup>8,10</sup>	100	25	⅜
2213	9.8	0.458	31	—	(13)	—	9	100	30	⅜
2215	10.7	0.419	31 ½	—	—	—	9	100	30	⅜
2216	12.0	0.376	32	⅜	—	—	9	100	29	⅜
2219	13.8	0.337	32	⅜	—	—	8	—	26	⅜
2314	10.7	0.391	32	—	(14)	—	10	100	34	⅜
2315 (340)	11.7	0.342	32	—	—	—	11 <sup>8,10</sup>	100	37	⅜
2317 (300)	13.3	0.297	32	—	—	—	11 <sup>8,10</sup>	100	37	⅜
2413	10.4	0.365	32	—	(17)	—	12	100	40	⅜

— Indicates not available  
1 XX75 Camo Hunter, GameGetter, Legacy  
2 Length is approximate stock shaft length for each size.  
3 Nock size for conventional swaged nock taper.  
4 UNI—Universal Nock Installation System.  
5 Parentheses indicate smaller G Nock UNI Bushing size is available as an optional accessory.  
6 RPS = Replaceable Point System with 8-32 ATA Standard thread.  
7 All components are ±1 grain.  
8 Super UNI Bushing accepts Super Nock, 3D Nock, "S" Nock and MicroLite Super Nock.  
9 GameGetter composite bushing weight: 300 & 340=9 grains, 400=5 grains, 500=3 grains.  
10 GameGetter shaft sizes indicated in parentheses.  
Notes: Shaft size 1816 use BAR6; size 1916 uses BAR8 Broadhead Adapter Rings.

**WARNING!** FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY. SEE WARNINGS AND USE @ [www.bsaf.ws](http://www.bsaf.ws) or 877-INFO-ETP (877-463-6387).

### BOW INSPECTION

Before shooting any Easton arrow, it is critical to inspect your bow, including all components, to be sure that it is properly adjusted and in good working order. Easton arrows should only be used with bows that have a correct pull weight and draw length (see arrow selection chart at [www.eastonarchery.com/shaft-selector/](http://www.eastonarchery.com/shaft-selector/)). Selecting the correct arrow and arrow length for the bow is the responsibility of the shooter, and failure to do so could result in personal injury and/or equipment damage. **WARNING! NEVER SHOOT AN ARROW WITH AN IMPROPERLY ADJUSTED OR DAMAGED BOW.**

### ARROW BREAKAGE

Any arrow can become damaged. A damaged arrow could break upon release and injure you or a bystander. Damage to an arrow shaft, or any of its components, may occur from: improper transport, handling, or use; impacts with hard objects or other arrows; or, after being shot into a game animal. No list can cover all possible conditions and situations that may cause damage. Use good judgment and common sense, as well as follow the warnings and instructions below, to determine if your arrow has been damaged in any way. **WARNING! NEVER SHOOT A DAMAGED ARROW.**

### ARROW USE PRECAUTIONS

Before each shot (including the first shot of a new arrow) carefully inspect each arrow shaft and all arrow components to see that they have not been damaged. Before shooting, place the arrow between your thumb and fingers, and using your other hand to slowly rotate the shaft, run your fingertips along the entire arrow length, feeling and looking closely for nicks, cracks, splits, dents, or other marks that could indicate the shaft has been damaged (see arrow inspection video at [www.eastonarchery.com/warning-use/](http://www.eastonarchery.com/warning-use/)). If your arrow is crested, inspect for damage on the crest surface and for any soft spots under the crest wrap. You may need to remove the cresting to make a thorough inspection. If damage is present, **DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.**

Before each shot, inspect the nock for damage and check that it is fully seated, and fits tightly in the shaft. Apply twisting pressure to see if the nock turns easily. If the nock has backed out of the arrow or turns easily, inspect for cracks in the arrow shaft. If there are cracks in the arrow shaft, or if the nock is loose, **DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW. If the nock is damaged, REPLACE THE NOCK. WARNING! NEVER SHOOT AN ARROW WITH A DAMAGED NOCK.**

### LIMITED WARRANTY

The Easton arrow shaft limited warranty covers any defects in material and/or workmanship for one year from the original owner's date of purchase. Arrow shafts that are defective will be replaced by your local Easton dealer with proof of purchase. Damage caused by impact from other arrows, impact with hard objects, improper cleaning or fletching, or from normal wear and tear is not covered by Easton's limited warranty. The limited warranty also does not cover damage resulting from your failure to follow Easton's written instructions. For written instructions and warranty details see [www.eastonhunting.com](http://www.eastonhunting.com).

### ADDITIONAL TESTS FOR CARBON ARROWS

When checking carbon arrows, perform the following additional tests:

1. Grasp the shaft just above the point and below the nock, then flex the arrow in an arc (bending it away from you and others) with a deflection of 1 to 2 inches (2.5 to 5 cm), and feel and listen for cracking (Figure 1). Perform this test 4 to 6 times, rotating the arrow slightly between each flex until you have gone around the entire arrow. If you hear or feel cracking, the carbon has been damaged. **DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.**



2. While still holding the point and fletching ends of the arrow, twist the shaft in opposite directions (Figure 2). If the arrow "relaxes" or twists easily, the carbon has been damaged. **DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.**



A damaged arrow could break upon release and injure you or a bystander. If you have any reason to believe that an arrow has been damaged, **DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.**

### CARBON ARROW CUTTING

Only cut a carbon arrow using a high-speed arrow cut-off saw. Using any other saw or cutting device may cause damage to the arrow. If an arrow has been cut without using a high-speed arrow cut-off saw, **DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.**

To reduce your risk of serious injury or death, you must read and understand all safety warnings and instructions. If you do not understand these instructions, or cannot adequately perform the above tests, STOP and seek appropriate assistance before shooting any arrow.