STANDARD DIAMETER CARBON	STRAIGHTNESS	NOCK	INSERT	FINISH	SIZES
ICS PRECISION HUNTER™	±.001"	S Nock™ - 13 gr.	CB Insert - 21 gr.	Black, Easy-Pull Finish	300, 340, 400, 500
ICS HUNTER® CLASSIC	±.003"	S Nock™ - 13 gr.	CB Insert - 21 gr.	Black, Easy-Pull Finish	300, 340, 400, 500
ICS BOW HUNTER™	±.006"	S Nock™ - 13 gr.	CB Insert - 21 gr.	Black, Easy-Pull Finish	340, 400, 500
ICS WHITE OUT™	±.003"	Super Nock - 13 gr.	CB Insert - 21 gr.	Realtree White Out Camo	300, 340, 400, 500
ICS INDIGO™	±.006"	S Nock™ - 13 gr.	CB Insert - 21 gr.	Black, Easy-Pull Finish	500
"WHITE BOX""™	N/A	Super Nock - 13 gr.	CB Insert - 21 gr.	Black, Easy-Pull Finish	Up to 70lbs / 29.5" Length
"WHITE BOX" CROSSBOW™	N/A	Half Moon - 11 gr.	Bolt Insert - 43 gr.	Black, Easy-Pull Finish	20"
ICS HUNTER® REALTREE®	±.003"	Microlite S Nock™ - 8 gr.	CB Insert - 21 gr.	Realtree Carbon Weave Camo	300, 340, 400, 500
ICS CROSSBOW HUNTER™	N/A	Half Moon - 11 gr. / Flatback Nock- 9 gr.	Bolt Insert - 43 gr.	Black, Easy-Pull Finish	20", 22"

MICRO-DIAMETER CARBON	STRAIGHTNESS	NOCK	INSERT	FINISH	SIZES
CENTERSHOT™	±.003"	H Nock™ - 9 gr.	ST RPS Insert - 18 gr.	High-Detail Traditional Wood	340, 400, 500, 600

WARNING ***FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY. SEE WARNINGS AND USE AT*** **www.bsafe.ws** ***OR 877-INFO-ETP.***

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, nock, and other 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. If your arrow is crested, inspect for damage on the crest surface. You may need to remove the cresting to make a thorough inspection. If shaft damage is present, ***DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.***

DAMAGED ARROW.
Before each shot, inspect the nock for damage. If the nock is damaged, replace the nock. ***WARNING! NEVER SHOOT A DAMAGED ARROW.***

AN ARROW WITH A DAMAGED NOCK.
Before each shot, check that the nock 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 the fit is loose (rotates easily), inspect further for cracks in the nock end of the arrow shaft. If applicable, you may need to remove the cresting to make a thorough inspection. If there are cracks in the shaft or the nock is loose, ***DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.***

ADDITIONAL TESTS FOR CARBON ARROWS
When checking carbon arrows, perform the following additional tests:

- Grasp the shaft just above the point and below the nock, then flex the arrow in an arc (bending away from you and others) with a deflection of 1 to 2 inches (2.5 to 5 cm), and feel and listen for cracking. Perform this test four to six times, rotation 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.***
- While still holding the point and fletching ends, twist the shaft in opposite directions. If the arrow "relaxes: or twits easily, the carbon has been damaged. ***DISCARD THE ARROW. WARNING! NEVER SHOOT A DAMAGED ARROW.***

LIMITED WARRANTY:
The Beman 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 Beman 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 Beman's limited warranty. The limited warranty also does not cover damage resulting from your failure to follow Beman's written instructions. For written instructions and warranty details see www.beman.com.

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, Beman reserves the right to make changes without notice. 2016 products available for sale on or after December 1, 2016.

ABOUT THE SELECTION CHARTS

Beman's selection charts are regularly updated to reflect the latest in bow performance. For 2016, we have made a few adjustments to certain 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.

ARROW SELECTION CHART

COMPOUND BOW Calculated Peak Bow Weight (lbs.)		Arrow Length										RECURVE BOW Weight (lbs.) Finger Release
ATA Bow Rating up to 300 FPS	ATA Bow Rating 301-340 FPS	23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	33"	
27-31	22-36							A	A	B	B	B	29-32
32-36	27-31						A	A	B	B	B	C	32-35
37-41	32-36					A	A	B	B	B	C	C	35-38
42-46	37-41				A	A	B	B	B	C	C	C	38-42
47-51	42-46			A	A	B	B	B	C	C	C	D	42-46
52-56	47-51		A	A	B	B	B	C	C	C	D	D	46-50
57-61	52-56	A	A	B	B	B	C	C	C	D	D	E	50-54
62-66	57-61	A	B	B	B	C	C	C	D	D	E	E	55-59
67-72	62-66	B	B	B	C	C	C	D	D	E	E	E	60-64
73-78	67-72	B	B	C	C	C	D	D	E	E	E		65-69
79-84	73-78	B	C	C	C	D	D	E	E	E			70-75
85-90	79-84	C	C	C	D	D	E	E	E				76-81
91-96	85-90	C	C	D	D	E	E	E					82-87

*NOTE: If your arrow shaft is over 1/2" more than the closest inch column shown on chart, round up to the next inch column. Example, if arrow length is 28-1/2", use the 29" column. *Arrow sizing calculated with 100 gr. point weight.*

GROUP A			
Size	Spine	Model	Weight (Gr./Inch)
600	0.600	CSHOT	7.1

GROUP B			
Size	Spine	Model	Weight (Gr./Inch)
500	0.500	CSHOT	8.3
500	0.500	ICSH/B	7.3
500	0.500	ICS/HRT/WO	7.5
500	0.500	ICSI	7.3

GROUP C			
Size	Spine	Model	Weight (Gr./Inch)
400	0.400	CSHOT	9.6
400	0.400	ICSH/B	8.4
400	0.400	ICS/HRT/WO	8.1

GROUP D			
Size	Spine	Model	Weight (Gr./Inch)
340	0.340	CSHOT	11.2
340	0.340	ICSH/B	9.3
340	0.340	ICS/HRT/WO	8.8

GROUP E			
Size	Spine	Model	Weight (Gr./Inch)
300	0.300	ICSH/B	9.5
300	0.300	ICS/HRT/WO	9.6

Size Indicates suggested shaft sizes
Spine Spine of arrow size shown (static)
Model Designates arrow model
Weight Listed in grains per inch

CSHOT CenterShot™
ICSH/B ICS Precision Hunter™, ICS Hunter® Classic, ICS Bowhunter™
ICS/HRT/WO ICS Hunter® Realtree®, ICS White Out™
ICSI ICS Indigo™

For ATA Speed of 341 - 350 FPS
Start in 301 - 340 FPC Column. Drop on row down in chart.
Examples:
65 lb - 29 in - 345 FPS: Drop down 1 row, still in group D
65 lb - 30 in - 345 FPS: Drop down 1 row, shift from group D to group E

For ATA Speed of 351+ FPS
Start in 301 - 340 FPC Column. Drop 2 rows down in chart.
Examples:
50 lb - 29 in - 355 FPS: Drop down 2 rows, still in group C
50 lb - 30 in - 355 FPS: Drop down 2 rows, shift from group C to group D