

HUNTING ARROW SIZE SELECTION CHARTS

ABOUT THE SELECTION CHARTS

EASTON'S SELECTION CHARTS ARE REGULARLY UPDATED TO REFLECT THE LATEST IN BOW PERFORMANCE. FOR 2015, 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.

Using the charts—Compound Bow

- Determine your correct arrow length (hunting or target) per diagram and instructions below.
- 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.

Using the charts—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.

Easton recommends the use of a qualified pro shop to assist in correct arrow shaft selection.

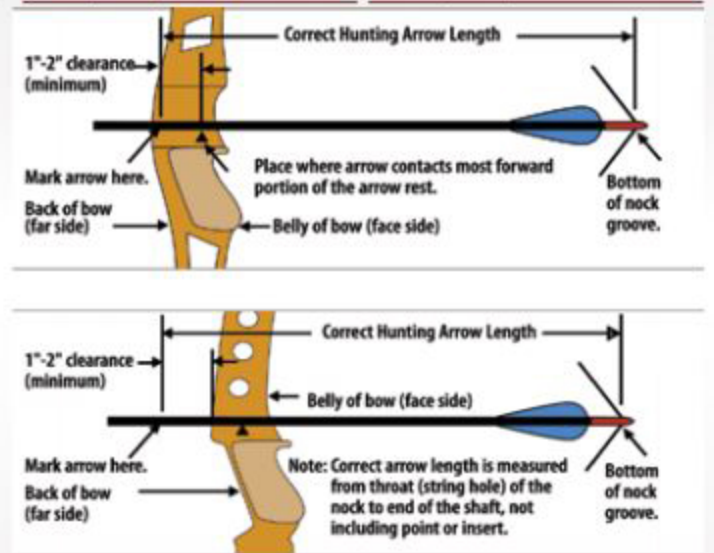
CARBON SHAFT WEIGHTS (CARBWT)

Size	Spine	Carbon Bow Fire® Grs/In	Deep Six XD Grs/In	da'Torch Grs/In	Carbon Hexx® Grs/In	Aftermath Grs/In	BloodLine Grs/In	AXIS® Grs/In	AXIS® Traditional Grs/In	FlatLine Grs/In
700	0.700	-	-	-	-	-	-	6.1	-	-
600	0.600	-	-	-	-	-	-	7.2	7.9	-
500	0.500	-	-	-	-	7.5	-	8.1	8.9	6.5
480	0.480	7.5	-	6.3	6.3	-	6.8	-	-	-
490	0.490	-	8.1	-	-	-	-	-	-	-
400	0.400	8.5	9.0	7.2	7.2	8.8	7.7	9.0	9.8	7.4
340	0.340	-	9.5	-	-	9.6	-	9.5	10.3	8.2
330	0.330	9.6	-	7.9	7.9	-	8.7	-	-	-
295	0.295	-	10.7	-	-	-	-	-	-	-
300	0.300	-	-	-	-	10.2	-	10.7	-	-
260	0.260	-	-	-	-	-	-	11.5	-	-

COMPOUND BOW RELEASE AID • CALCULATED PEAK BOW WEIGHT - LBS.

ATA BOW RATING UP TO 300 FPS				ATA Bow Rating 301-340 FPS			
POINT WEIGHT				POINT WEIGHT			
75 (GRAINS) 65-85	100 (GRAINS) 90-110	125 (GRAINS) 115-135	150 (GRAINS) 140-160	75 (GRAINS) 65-85	100 (GRAINS) 90-110	125 (GRAINS) 115-135	150 (GRAINS) 140-160
40-44	37-41	34-38	31-35	35-39	32-36	29-33	26-30
45-49	42-46	39-43	36-40	40-44	37-41	34-38	31-35
50-54	47-51	44-48	41-45	45-49	42-46	39-43	36-40
55-59	52-56	49-53	46-50	50-54	47-51	44-48	41-45
60-64	57-61	54-58	51-55	55-59	52-56	49-53	46-50
65-69	62-66	59-63	56-60	60-64	57-61	54-58	51-55
70-75	67-72	64-69	61-66	65-69	62-66	59-63	56-60
76-81	73-78	70-75	67-72	70-75	67-72	64-69	61-66
82-87	79-84	76-81	73-78	76-81	73-78	70-75	67-72
88-93	85-90	82-87	79-84	82-87	79-84	76-81	73-78
94-99	91-96	88-93	85-90	88-93	85-90	82-87	79-84
100-105	97-102	94-99	91-96	94-99	91-96	88-93	85-90

ATA COMPOUND BOW RATING 341-350 FPS	ATA COMPOUND BOW RATING 351 FPS OR HIGHER
Start in 301-340 FPS column and 100 grain point. Drop one row down in chart. Examples: 65 lb - 29 in - 345 FPS; drop down one row, still in Group J. 65 lb - 30 in - 345 FPS; drop down one row, shift from Group J to Group K.	Start in 301-340 FPS column and 100 grain point. Drop two rows down in chart. Examples: 75 lb - 30 in - 355 FPS; drop down two rows, still in Group L. 75 lb - 31 in - 355 FPS; drop down two rows, shift from Group L to Group M.



CORRECT HUNTING ARROW LENGTH

													RECURVE BOW FINGER RELEASE ACTUAL PEAK BOW WEIGHT—LBS.				MODERN LONGBOW FINGER RELEASE ACTUAL PEAK BOW WEIGHT - LBS.					
													POINT WEIGHT				POINT WEIGHT					
23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	33"	75 (grains) 65-85	100 (grains) 90-110	125 (grains) 115-135	150 (grains) 140-160	75 (grains) 65-85	100 (grains) 90-110	125 (grains) 115-135	150 (grains) 140-160				
					A	B	B	C	C	D	E	F	G	H					41-46	38-43	35-40	32-37
					A	B	B	C	C	D	E	F	G	H					47-52	44-49	41-46	38-43
					A	B	B	C	C	D	E	F	G	H					53-58	50-55	47-52	44-49
					A	B	B	C	C	D	E	F	G	H	I				59-64	56-61	53-58	50-55
					B	B	C	C	D	E	F	G	H	I	J				65-70	62-67	59-64	56-61
					B	C	C	D	E	F	G	H	I	J	J				71-76	68-73	65-70	62-67
					C	C	D	E	F	G	H	I	J	J	K				77-82	74-79	71-76	68-73
					C	D	E	F	G	H	I	J	J	K	L				83-88	80-85	77-82	74-79
					D	E	F	G	H	I	J	J	K	L	L				89-94	86-91	83-88	80-85
					E	F	G	H	I	J	J	K	L	L	L				95-100	92-97	89-94	86-91
					F	G	H	I	J	J	K	L	L	L	M				101-106	98-103	95-100	92-97
					G	H	I	J	J	K	L	L	L	M	M				107-112	104-109	101-106	98-103
					H	I	J	J	K	L	L	L	M	M					113-118	110-115	107-112	104-109
					I	J	J	K	L	L	L	M	M						119-124	116-121	113-118	110-115

Size	Spine @ 28" Span	Model	Weight Grs/Inch	Size	Spine @ 28" Span	Model	Weight Grs/Inch	Size	Spine @ 28" Span	Model	Weight Grs/Inch	Size	Spine @ 28" Span	Model	Weight Grs/Inch	
GROUP A				GROUP B				GROUP C				GROUP D				
1816	0.756	75	9.3	1816	0.756	75	9.3	2013	0.610	75	9.0	2016	0.531	75	10.6	
600	0.600	Crbn	CarbWt	1916	0.623	75	10.0	1916	0.623	75	10.0	500	0.500	GG	10.6	
700	0.700	Crbn	CarbWt	600	0.600	Crbn	CarbWt	600	0.600	ION	6.4	500	0.500	FMJ	9.1	
				700	0.700	Crbn	CarbWt	600	0.600	Crbn	CarbWt	460	0.460	ION	7.3	
												500	0.500	Crbn	CarbWt	
												470	0.470	FMJGMM	8.8	
												490	0.490	Crbn	CarbWt	
												480	0.480	Crbn	CarbWt	
GROUP E				GROUP F				GROUP G				GROUP H				
2114	0.510	75	9.9	2213	0.460	75	9.8	2215	0.420	75	10.7	2215	0.420	75	10.7	
2018	0.464	75	12.3	2018	0.464	75	12.3	2117	0.400	75	12.0	2314	0.390	75	10.7	
500	0.500	FMJ	9.1	400	0.400	GG	12.0	2020	0.426	75	13.5	2117	0.400	75	12.0	
500	0.500	ION	7.3	500	0.500	FMJ	9.1	400	0.400	GG	12.0	2216	0.376	75	12.0	
460	0.460	FMJINJEX	9.0	460	0.460	FMJINJEX	9.0	400	0.400	FMJ	10.2	400	0.400	GG	12.0	
500	0.500	Crbn	CarbWt	500	0.500	Crbn	CarbWt	390	0.390	ACINJEX	9.5	400	0.400	FMJ	10.2	
470	0.470	FMJGMM	8.8	470	0.470	FMJGMM	8.8	400	0.400	CBINJEX	8.9	390	0.390	ACINJEX	9.5	
490	0.490	Crbn	CarbWt	490	0.490	Crbn	CarbWt	400	0.400	FMJINJEX	9.8	400	0.400	CBINJEX	8.9	
480	0.480	Crbn	CarbWt	480	0.480	Crbn	CarbWt	400	0.400	Crbn	CarbWt	400	0.400	FMJINJEX	9.8	
								390	0.390	FMJGMM	9.7	400	0.400	Crbn	CarbWt	
												390	0.390	FMJGMM	9.7	
GROUP I				GROUP J				GROUP K				GROUP L				
2413	0.365	75	10.4	2413	0.365	75	10.4	2317	0.297	75	13.3	2317	0.297	75	13.3	
2314	0.390	75	10.7	2315	0.340	75	11.7	300	0.300	GG	13.3	300	0.300	GG	13.3	
2315	0.340	75	11.7	2219	0.337	75	13.8	300	0.300	FMJ	12.0	300	0.300	FMJ	12.0	
2216	0.376	75	12.0	340	0.340	GG	11.7	300	0.300	Crbn	CarbWt	300	0.300	Crbn	CarbWt	
340	0.340	GG	11.7	340	0.340	FMJ	11.3	300	0.300	DngrGame	15.5	250	0.250	DngrGame	17.2	
400	0.400	FMJ	10.2	330	0.330	ACINJEX	10.5	295	0.295	Crbn	CarbWt	295	0.295	Crbn	CarbWt	
390	0.390	ACINJEX	9.5	330	0.330	CBINJEX	10.0	260	0.260	Crbn	CarbWt	260	0.260	Crbn	CarbWt	
400	0.400	CBINJEX	8.9	330	0.330	FMJINJEX	11.0	320	0.320	FMJGMM	10.6	280	0.280	FMJINJEX	12.0	
400	0.400	FMJINJEX	9.8	300	0.300	DngrGame	15.5	280	0.280	FMJINJEX	12.0					
400	0.400	Crbn	CarbWt	340	0.340	Crbn	CarbWt									
390	0.390	FMJGMM	9.7	330	0.330	Crbn	CarbWt									

To determine weight at your shaft length, multiply your actual shaft length by the grains-per-foot (gpf), not including point, insert, or BHI latching.

GROUP M	KEY
250 0.250 DngrGame 17.2	Size.....Indicates suggested arrow size
260 0.260 Crbn CarbWt	Spine.....Spine of shaft size shown (static)
280 0.280 FMJINJEX 12.0	CarbWt.....Refer to Carbon box (left) for specific model and weight
	FMJ.....Full Metal Jacket SMM
	FMJINJEX.....Full Metal Jacket Injexion 4MM
	FMJGMM.....Full Metal Jacket GMM
	DngrGame.....Full Metal Jacket Dangerous Game
	ACINJEX.....A/C Injexion
	CBINJEX.....Carbon Injexion

- 75.....XX75: Legacy, Camo Hunter, (7075-T9 alloy)
- GG.....Game Getter
- ION.....ION
- Crbn.....Deep Six XD, AXIS, AXIS Traditional, Carbon Hexx, da'Torch, Aftermath, BloodLine, FlatLine, and Bowfire.

If your arrow shaft is over 1/2" inch more than the closest inch column shown, round up to the next inch column. Example, if your arrow length measures 29 - 1/2", use the 29" column.