

HUNTING ARROW SIZE SELECTION CHARTS

About the Selection charts

Easton's selection charts are regularly updated to reflect the latest in bow performance. For 2014, 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:
 - Point weight (not including insert) over 100 grains- add 3 lbs to CALCULATED bow weight for every 25 grains over 100 grains point weight
 - Brace height lower than 6.5" - add 5 lbs to CALCULATED bow weight
 - 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 and a 125 grain point, calculated bow weight will be 60+3+5 for a calculated 68 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-L). This letter will represent the suggested arrow group for your selection.

Using the charts- Recurve or Longbow (finger release)

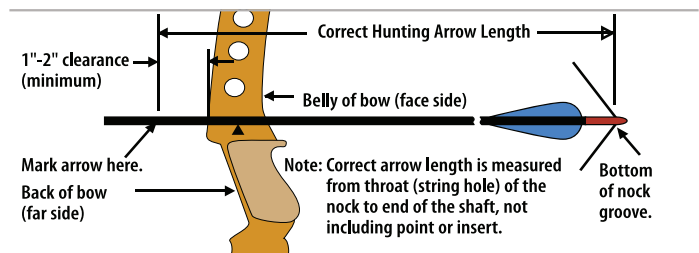
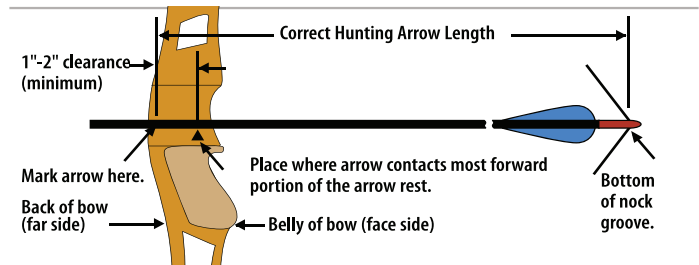
It is critical that the correct bow weight be used when determining the weight column to be used on the chart. Actual peak bow weight should be measured at your correct draw length. Easton recommends the use of a dedicated bow scale or the assistance of a qualified pro shop for this purpose. Use the 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.

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
Shift one selection box stiffer Examples shift from box G to H, H to I, etc.	Shift two selection boxes stiffer Examples shift from box F to H, H to J, etc.



Carbon Shaft Weights (CarbWt)

Size	Spine	Carbon Bow Fire*	Carbon Nemesis*	da'Torch	Carbon Hex*	Aftermath	BloodLine	BloodLine Realtree	AXIS*	AXIS* Traditional	AXIS* Realtree	FlatLine
		Grs/In	Grs/In	Grs/In	Grs/In	Grs/In	Grs/In	Grs/In	Grs/In	Grs/In	Grs/In	Grs/In
600	0.600	-	-	-	-	-	-	-	7.2	7.9	-	-
500	0.500	-	8.1	-	-	7.5	-	-	8.1	8.9	8.9	6.5
480	0.480	7.5	-	6.3	6.3	-	6.8	7.5	-	-	-	-
400	0.400	8.5	9.3	7.2	7.2	8.8	7.7	8.4	9.0	9.8	9.8	7.4
340	0.340	-	10.1	-	-	9.6	-	-	9.5	10.3	10.3	8.2
330	0.330	9.6	-	7.9	7.9	-	8.7	9.4	-	-	-	-
300	0.300	-	10.7	-	-	10.2	-	-	10.7	-	11.5	-
260	0.260	-	-	-	-	-	-	-	11.5	-	-	-

Correct Hunting Arrow Length

RECURVE BOW MODERN LONGBOW Finger Release Finger Release actual peak Bow Weight - Lbs. actual peak Bow Weight - Lbs.

											Point Weight				Point Weight					
23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	33"	75 <small>(grains) 65-85</small>	100 <small>(grains) 90-110</small>	125 <small>(grains) 115-135</small>	150 <small>(grains) 140-160</small>	75 <small>(grains) 65-85</small>	100 <small>(grains) 90-110</small>	125 <small>(grains) 115-135</small>	150 <small>(grains) 140-160</small>		
			A	B	B	C	C	D	E					41-46	38-43	35-40	32-37			
		A	B	B	C	C	D	E	F					47-52	44-49	41-46	38-43			
	A	B	B	C	C	D	E	F	G	H			35-39	32-36	29-33	26-30	53-58	50-55	47-52	44-49
A	B	B	C	C	D	E	F	G	H	I			40-44	37-41	34-38	31-35	59-64	56-61	53-58	50-55
B	B	C	C	D	E	F	G	H	I	J			45-49	42-46	39-43	36-40	65-70	62-67	59-64	56-61
B	C	C	D	E	F	G	H	I	J	J			50-54	47-51	44-48	41-45	71-76	68-73	65-70	62-67
C	C	D	E	F	G	H	I	J	J	K			55-59	52-56	49-53	46-50	77-82	74-79	71-76	68-73
C	D	E	F	G	H	I	J	J	K	L			60-64	57-61	54-58	51-55	83-88	80-85	77-82	74-79
D	E	F	G	H	I	J	J	K	L	L			65-69	62-66	59-63	56-60	89-94	86-91	83-88	80-85
E	F	G	H	I	J	J	K	L	L	L			70-75	67-72	64-69	61-66	95-100	92-97	89-94	86-91
F	G	H	I	J	J	K	L	L	L	M			76-81	73-78	70-75	67-72	101-106	98-103	95-100	92-97
G	H	I	J	J	K	L	L	L	M	M			82-87	79-84	76-81	73-78	107-112	104-109	101-106	98-103
H	I	J	J	K	L	L	L	M	M				88-93	85-90	82-87	79-84	113-118	110-115	107-112	104-109
I	J	J	K	L	L	L	M	M					94-99	91-95	88-93	85-90	119-124	116-121	113-118	110-115

Note: If your arrow shaft is over 1/2" inch more than the closest inch column shown on chart, round up to the next inch column. Example, if your arrow length measures 28 - 1/2", use the 29" column.

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
				600	0.600	Crbn	CarbWt	600	0.600	ION	6.4	500	0.500	AFMJ	9.1
								600	0.600	Crbn	CarbWt	500	0.500	ION	7.3
												460	0.460	FMJINJEX	9.0
												500	0.500	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	AFMJ	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	AFMJ	9.1	400	0.400	GG	12.0	2216	0.376	75	12.0
460	0.460	FMJINJEX	9.0	500	0.500	ION	7.3	400	0.400	AFMJ	10.2	400	0.400	GG	12.0
500	0.500	Crbn	CarbWt	460	0.460	FMJINJEX	9.0	390	0.390	ACINJEX	9.5	400	0.400	AFMJ	10.2
480	0.480	Crbn	CarbWt	500	0.500	Crbn	CarbWt	400	0.400	CBINJEX	8.9	390	0.390	ACINJEX	9.5
				480	0.480	Crbn	CarbWt	400	0.400	FMJINJEX	9.8	400	0.400	CBINJEX	8.9
								400	0.400	Crbn	CarbWt	400	0.400	FMJINJEX	9.8
												400	0.400	Crbn	CarbWt
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	AFMJ	12.0	300	0.300	AFMJ	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	AFMJ	11.3	300	0.300	DngrGame	15.5	250	0.250	DngrGame	17.2
400	0.400	AFMJ	10.2	330	0.330	ACINJEX	10.5	260	0.260	Crbn	CarbWt	260	0.260	Crbn	CarbWt
390	0.390	ACINJEX	9.5	330	0.330	CBINJEX	10.0								
400	0.400	CBINJEX	8.9	330	0.330	FMJINJEX	11.0								
400	0.400	FMJINJEX	9.8	300	0.300	DngrGame	15.5								
400	0.400	Crbn	CarbWt	340	0.340	Crbn	CarbWt								
				330	0.330	Crbn	CarbWt								
Group M				Key											
250	0.250	DngrGame	17.2	Size - Indicates suggested arrow size				75	XX75: Legacy, Camo Hunter, (7075-T9 alloy)						
260	0.260	Crbn	CarbWt	Spine - Spine of shaft size shown (static)				GG	Game Getter						
				CarbWt - Refer to carbon box (left) for specific model and weight				ION	ION						
				AFMJ - AXIS Full Metal Jacket & Lost Camo				Crbn	ST AXIS, ST AXIS RT, ST Axis Traditional, Carbon Hex, daTorch, Aftermath						
				FMJINJEX - Deep Six Full Metal Jacket					BloodLine, BloodLine Realtree, FlatLine, Bowfire, and Nemesis.						
				DngrGame - Full Metal Jacket Dangerous Game											
				ACINJEX - AC Injexion											
				CBINJEX - Carbon Injexion											

NOTE: To determine weight at your shaft length, multiply your actual shaft length by the grains-per-inch (gpi), not including point, insert, or UNI Bushing