

## Arrow Selection Chart

### Using the Hunting Arrow Selection Chart

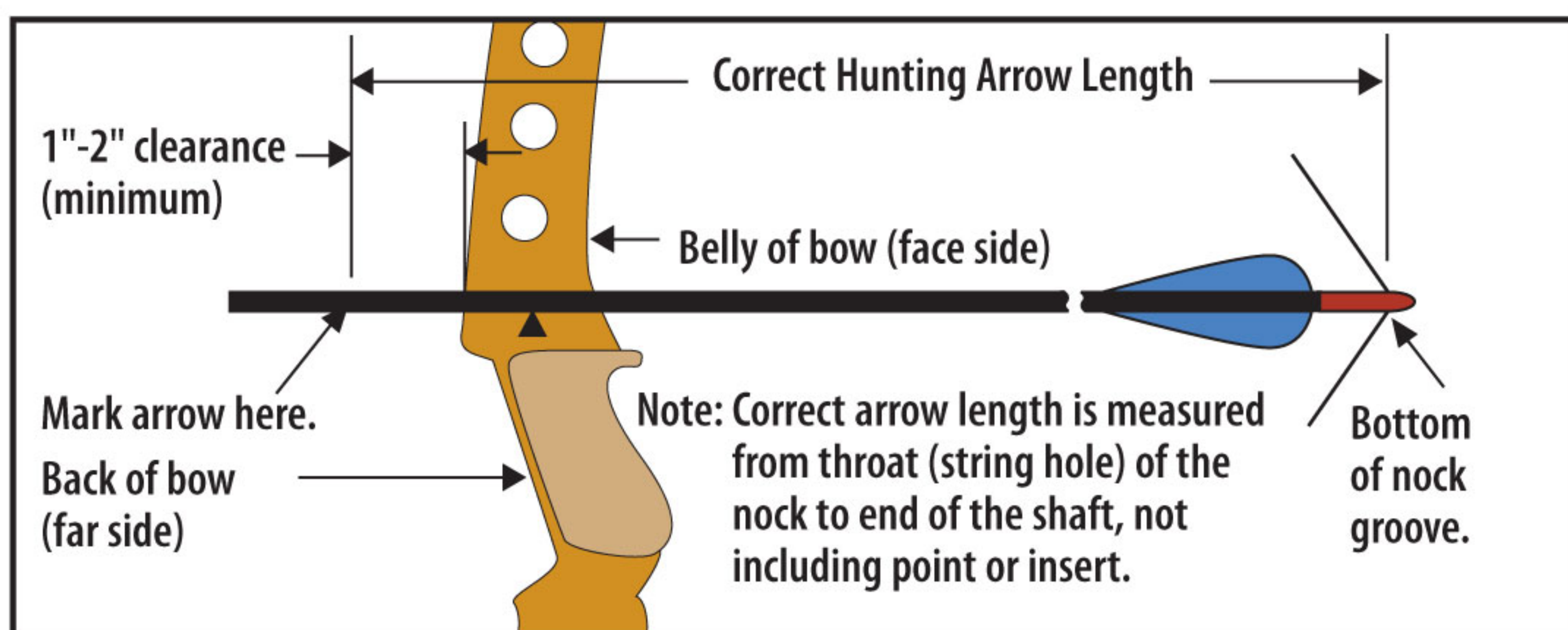
- Once you have determined your Correct Hunting Arrow Length and Calculated or Actual Peak Bow Weight, you are ready to select your correct shaft size:
  - Compound bows. In the "Calculated Peak Bow Weight" column (left-hand side of the chart), select the column with the type cam on your bow, then the column with the point weight you use. Then locate your Calculated Peak Bow Weight in that column.
  - Recurve bows and Modern Longbows. In the "Actual Peak Bow Weight" column (right-hand side of the chart), select the column with the bow type and then the point weight you use. Next, locate your Actual Peak Bow Weight in that column.
- Move across that bow-weight row horizontally to the column indicating your Correct Arrow Length. Note the letter in the box where your Calculated or Actual Peak Bow Weight row and Correct Hunting Arrow Length column intersect. The "Shaft Size" box below the chart with the same letter contains your recommended shaft sizes. Select a shaft from the chart depending on the shaft material, shaft weight, and type of shooting you will be doing. For larger game, you should use heavier shafts.

## Selecting the Correct Hunting Shaft Size

The Hunting Shaft Selection Chart will help you find the perfect shaft match for your bow—quickly and easily. Advanced, interactive Spine Weight Comparison and Hunting Shaft Selection Charts are now available online at [www.eastonarchery.com](http://www.eastonarchery.com).

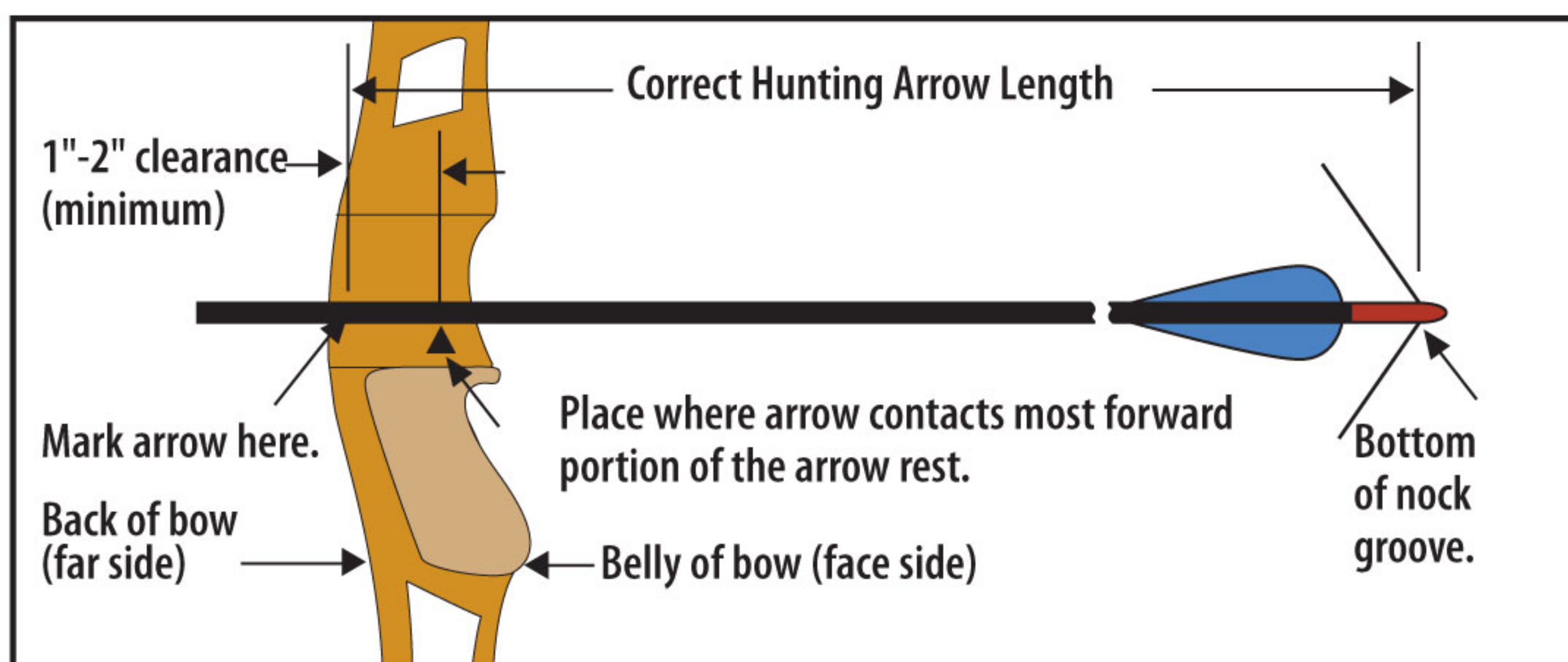
### 1. Determining Correct Hunting Arrow Length

**Bows with cut-out window.** The Correct Hunting Arrow Length for bows with a broadhead cut-out sight window (including bows with overdraws) is determined by drawing back an extra-long arrow to full draw and having someone mark the arrow one-to-two inches in front of where



the arrow contacts the most forward portion of the arrow rest.

**Bows without cut-out window** (which will not allow a fixed blade broadhead to be drawn past the back of the bow). The Correct Hunting Arrow Length for bows without a cut-out sight window is determined by drawing back an extra-long arrow to full draw and having someone



mark the arrow one-to-two inches in front of the handle.

**Bow Draw Length.** Draw length is measured at full draw from the bottom of the nock groove to the back (far side) of the bow. Actual arrow length and draw length are only the same if the end of the arrow shaft is even with the back of the bow (far side) at full draw.



## Carbon Shaft Weights (CarbWt)

Size	Spine	ST Axis N-Fused		ST Axis N-Fused Camo		ST Epic N-Fused		ST Epic N-Fused Camo		Flatline		ST Excel		PowerFlight	
		Grs/ln	@29"	Grs/ln	@29"	Grs/ln	@29"	Grs/ln	@29"	Grs/ln	@29"	Grs/ln	@29"	Grs/ln	@29"
600	0.600	—	—	—	—	6.4	186	—	—	—	—	—	—	—	—
500	0.500	8.1	235	8.9	258	7.3	212	8.0	232	6.5	189	7.3	212	7.3	212
400	0.400	9.0	261	9.8	284	8.6	249	9.3	270	7.4	215	8.6	249	8.9	244
340	0.340	9.5	276	10.3	299	9.5	276	10.2	296	8.2	238	9.5	276	9.3	270
300	0.300	10.7	310	11.5	334	10.0	290	10.7	310	—	—	10.0	290	9.5	276

Visit an Easton dealer equipped with the Bow Force Mapping System for expert arrow selection, and bow analysis

See page 34 for more information

## COMPOUND BOW - Release Aid Calculated Peak Bow Weight - lbs.

Medium Cam 				Single or Hard Cam 			
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

### 2. Determining Actual Peak Bow Weight—Compound Bows

Compound bows must be measured at the peak bow weight as the bow is being drawn and not while letting the bow down.

The suggested shaft sizes in the charts were determined using a "Standard" Setup which includes:

- Use of a release aid
- Compound bow with brace height greater than 6½"

If your setup differs from the "Standard" Setup, use the Variables (following) to make adjustments to determine the Calculated Peak Bow Weight so the correct arrow size can be selected on the chart.

#### Variables to the "Standard" Setup for Compound Bows:

- Point weight over 100 grains – Add 3 lbs. for each 25 grains heavier than 100 grains.
- Bows with brace heights less than 6½" – Add 5 lbs.
- Finger release – Add 5 lbs.

#### Overdraw Compound Bows

If you are using an overdraw, make the variable calculations (if any), and then modify the Calculated Peak Bow Weight of your bow using the chart below.

#### Length of Overdraw

Bow Weight	1"	2"	3"	4"	5"
For 50#-70# Actual/Calculated Peak Bow Weight, add to bow weight—	1#	3#	6#	9#	12#

### 3. Determining Actual Peak Bow Weight—Recurve and Modern Longbows

Your local archery pro shop is the best place to determine the actual draw weight of your bow. Actual Peak Bow Weight for recurve bows should be measured at your draw length.



