

# Need Help? Start Here

## Selecting the Correct Hunting Shaft

The *Hunting Shaft Selection Chart* is a great starting point, but it is only a reference point, not guaranteed to be an EXACT match for your bow. Test kits are highly recommended.

### 1. Determining Correct Hunting Arrow Length

The Correct Hunting Arrow Length for traditional bows 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 valley 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. We recommend adding at least 1" to draw length for a proper arrow length.

### 2. Determining Actual Peak Bow Weight— Recurves and Longbows

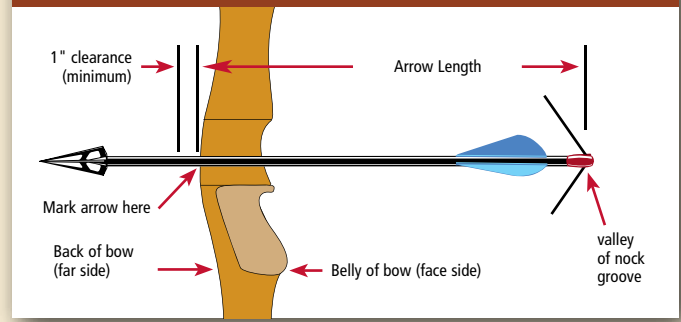
Actual Peak Bow Weight for traditional bows should be measured at your draw length. Using an accurate bow scale draw the bowstring until you hit your desired draw length and hold. Observe the weight on the scale. Repeat as you see fit.

## Carbon / Aluminum 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:

1. Recurve bows and Modern Longbows. In the "Actual Peak Bow Weight" column, select the column with the bow type and then the point weight you use. Next, locate your Actual Peak Bow Weight in that column.

## Finding Your Arrow Length



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2. Move across that bow-weight row horizontally to the column indicating your Correct Arrow Length. See the arrow shaft size. Calculated or Actual Peak Bow Weight row and Correct Hunting Arrow Length column intersect. The "Shaft Size" box below the chart with the same size contains your recommended shaft. For larger game, you should use heavier shafts.

RECURVE / CENTER SHOT LONGBOW Finger Release ACTUAL PEAK BOW WEIGHT - Lbs.										Carbon / Aluminum Hunting Arrow Length Sizing refers to Easton spines										LONGBOW / SELF BOW Finger Release ACTUAL PEAK BOW WEIGHT - Lbs.				
Point Weight															Point Weight									
100 (grains)	125 (grains)	150 (grains)	175 (grains)	200 (grains)	22 1/2" 23 1/2"	23 1/2" 24 1/4"	24 1/4" 25 1/8"	25 1/8" 26 1/4"	26 1/4" 27 1/8"	27 1/8" 28 1/4"	28 1/4" 29 1/8"	29 1/8" 30 1/4"	30 1/4" 31 1/8"	31 1/8" 32 1/4"	100 (grains)	125 (grains)	150 (grains)	175 (grains)	200 (grains)					
								600	600	600	600	600	500	500	38-43	35-40	32-37	29-34	26-31					
							600	600	600	600	600	500	500	500	44-49	41-46	38-43	35-40	32-37					
32-36	29-33	26-30	23-27	20-24		600	600	600	600	600	500	500	500	400	50-55	47-52	44-49	41-46	38-43					
37-41	34-38	31-35	28-32	25-29	600	600	600	600	600	500	500	500	400	400	56-61	53-58	50-55	47-52	44-49					
42-46	39-43	36-40	33-37	30-34	600	600	600	600	500	500	500	400	400	400	62-67	59-64	56-61	53-58	50-55					
47-51	44-48	41-45	38-42	35-39	600	600	600	500	500	500	400	400	400	340	68-73	65-70	62-67	59-64	56-61					
52-56	49-53	46-50	43-47	40-44	600	600	500	500	500	400	400	400	340	340	74-79	71-76	68-73	65-69	62-67					
57-61	54-58	51-55	48-52	45-49	600	500	500	500	400	400	400	340	340	300	80-85	77-82	74-79	70-75	68-73					
62-66	59-63	56-60	53-57	50-54	500	500	500	400	400	400	340	340	300	300	86-91	83-88	80-85	76-81	74-79					
67-71	64-69	61-65	58-62	55-59	500	500	400	400	400	340	340	300	300	300	92-97	89-94	86-91	82-87	80-85					
72-76	70-75	66-70	63-67	60-64	500	400	400	400	340	340	300	300	300	300	98-103	95-100	92-97	88-93	86-91					
77-81	76-81	71-75	68-72	65-69	400	400	400	340	340	300	300	300	300	300	104-109	101-106	98-103	94-99	92-97					
82-86	82-87	76-80	73-77	70-74	400	400	340	340	300	300	300	300	300	300	110-115	107-112	104-109	100-105	98-103					
87-91	88-93	81-85	78-82	75-79	400	340	340	300	300	300	300	300	300		116-121	113-118	110-115	106-111	104-109					

RECURVE/CENTER SHOT LONGBOW Finger Release ACTUAL PEAK BOW WEIGHT - Lbs.					Wood Hunting Arrow Length										LONGBOW / SELF BOW Finger Release ACTUAL PEAK BOW WEIGHT - Lbs.				
Point Weight															Point Weight				
100 (grains)	125 (grains)	145 (grains)	160 (grains)	190 (grains)	22 1/2" 23 1/2"	23 1/2" 24 1/4"	24 1/4" 25 1/8"	25 1/8" 26 1/4"	26 1/4" 27 1/8"	27 1/8" 28 1/4"	28 1/4" 29 1/8"	29 1/8" 30 1/4"	30 1/4" 31 1/8"	31 1/8" 32 1/4"	100 (grains)	125 (grains)	145 (grains)	160 (grains)	190 (grains)
31-35	26-30	21-25	16-20									30-35	35-40	40-45	45-50				
36-40	31-35	26-30	21-25	16-20								30-35	35-40	40-45	45-50	41-45	36-40	31-35	26-30
41-45	36-40	31-35	26-30	21-25								30-35	35-40	40-45	45-50	46-50	41-45	36-40	31-35
46-50	41-45	36-40	31-35	26-30								30-35	35-40	40-45	45-50	51-55	46-50	41-45	36-40
51-55	46-50	41-45	36-40	31-35								30-35	35-40	40-45	45-50	56-60	51-55	46-50	41-45
56-60	51-55	46-50	41-45	36-40								30-35	35-40	40-45	45-50	61-65	56-60	51-55	46-50
61-65	56-60	51-55	46-50	41-45								30-35	35-40	40-45	45-50	66-70	61-65	56-60	51-55
66-70	61-65	56-60	51-55	46-50	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	71-75	66-70	61-65	56-60	51-55
71-75	66-70	61-65	56-60	51-55	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	76-80	71-75	65-70	61-65	56-60
76-80	71-75	66-70	61-65	56-60	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	81-85	76-80	71-75	65-70	61-65
81-85	76-80	71-75	66-70	61-65	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	86-90	81-85	76-80	71-75	65-70
86-90	81-85	76-80	71-75	65-70	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100+	91-95	86-90	81-85	76-80	71-75