



866-587-9501

Need Help? Start Here

HOW TO FIND THE RIGHT SPINE FOR YOU

Our Spine Selection Charts are 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.**

STEP 1: Find your Arrow Length and Draw Length.

The Correct Arrow Length is best determined by drawing back an extra-long arrow to full draw and having someone mark the arrow right in front of the handle. Measure the arrow from the mark to the valley (deepest part) of the nock groove. This is your DRAW Length. For ARROW length we recommend adding 1 or 2 inches to this measurement so your broadhead will not bump the bow shelf. For target archery this is not as important, but be sure to leave enough arrow so it does not come off the inside of the bow shelf.

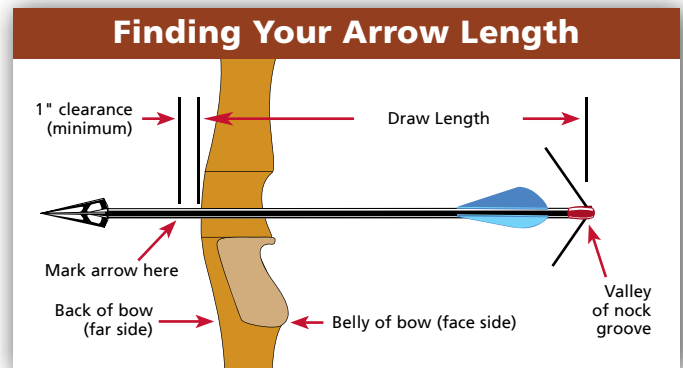
STEP 2: Determining Actual Peak Bow Weight

This is measured at your draw length, not by what the bow has written on it. The reason is a bow will be roughly 2-3# different for every inch ± the rated draw length. Even if you draw at your bow's rated draw (normally 28") the industry standard allows a bow manufacturer to be ±2# from rated bow weight and still mark/sell at the rated weight. So your marked 45# @ 28" bow could actually be 43-47# @ 28". Using an accurate scale, draw the string until you hit your draw length and hold. Observe the weight on the scale. Repeat as you see fit.

Arrow Selection Chart

Once you have your Arrow Length and Actual Bow Peak Weight, you are ready to select your correct arrow spine. Find your bow type and bow weight in the point weight you plan to use. Most common is 125 grains. Now move across the chart until you find your arrow length. Note: The 1/2" marks over lap on the chart, if you are on two different spines we highly recommend getting a test kit first. Remember, these are only recommendations, the final decision is up to you.

TECH TIP Carbon shafts come with nocks installed and inserts included.



Arrow Selection Charts on NEXT PAGE

TECH TIP For determining the point diameter of aluminium shafting take the first two numbers of the model and divide by 64. i.e. 2018 = 20/64" or 5/16".

TECH TIP Our wood shafting is factory spined and not weight matched unless otherwise specified.

ALL WOOD SHAFTING (other than bamboo and Warbow shaft) are hand spined and matched to 5# spine weight groups and an average length of 32". Must be cut to length and tapered to use.



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RECURVE / CENTER SHOT LONGBOW					Carbon Arrow Length										LONGBOW / SELF BOW				
Finger Release					Sizing refers to Easton spines										Finger Release				
ACTUAL PEAK BOW WEIGHT - Lbs.															ACTUAL PEAK BOW WEIGHT - Lbs.				
Point Weight															Point Weight				
100 (grains)	125 (grains)	150 (grains)	175 (grains)	200 (grains)	22½" 23½"	23½" 24½"	24½" 25½"	25½" 26½"	26½" 27½"	27½" 28½"	28½" 29½"	29½" 30½"	30½" 31½"	31½" 32½"	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					Aluminium Arrow Length										LONGBOW / SELF BOW				
Finger Release															Finger Release				
ACTUAL PEAK BOW WEIGHT - Lbs.															ACTUAL PEAK BOW WEIGHT - Lbs.				
Point Weight															Point Weight				
100 (grains)	125 (grains)	145 (grains)	160 (grains)	190 (grains)	22½" 23½"	23½" 24½"	24½" 25½"	25½" 26½"	26½" 27½"	27½" 28½"	28½" 29½"	29½" 30½"	30½" 31½"	31½" 32½"	100 (grains)	125 (grains)	145 (grains)	160 (grains)	190 (grains)
31-35	26-30	21-25	16-20									A	B-C	B-C					
36-40	31-35	26-30	21-25	16-20							A	B-C	B-C	D	41-45	36-40	31-35	26-30	
41-45	36-40	31-35	26-30	21-25						A	B-C	B-C	D	D-E	46-50	41-45	36-40	31-35	26-30
46-50	41-45	36-40	31-35	26-30					A	B-C	B-C	D	D-E	E-H	51-55	46-50	41-45	36-40	31-35
51-55	46-50	41-45	36-40	31-35				A	B-C	B-C	D	D-E	E-H	F-H	56-60	51-55	46-50	41-45	36-40
56-60	51-55	46-50	41-45	36-40			A	B-C	B-C	D	D-E	E-H	F-H	G-I	61-65	56-60	51-55	46-50	41-45
61-65	56-60	51-55	46-50	41-45		A	B-C	B-C	D	D-E	E-H	F-H	G-I	J-L-O	66-70	61-65	56-60	51-55	46-50
66-70	61-65	56-60	51-55	46-50	A	B-C	B-C	D	D-E	E-H	F-H	G-I	J-L-O	K-L-O	71-75	66-70	61-65	56-60	51-55
71-75	66-70	61-65	56-60	51-55	B-C	B-C	D	D-E	E-H	F-H	G-I	J-L-O	K-L-O	M	76-80	71-75	66-70	61-65	56-60
76-80	71-75	66-70	61-65	56-60	B-C	D	D-E	E-H	F-H	G-I	J-L-O	K-L-O	M	N	81-85	76-80	71-75	66-70	61-65
81-85	76-80	71-75	66-70	61-65	D	D-E	E-H	F-H	G-I	J-L-O	K-L-O	M	N	N	86-90	81-85	76-80	71-75	66-70
86-90	81-85	76-80	71-75	65-70	D-E	E-H	F-H	G-I	J-L-O	K-L-O	M	N	N	N	91-95	86-90	81-85	76-80	71-75

1816 = A 1916 = B 2013 = C 2016 = D 2018 = E 2020 = F 2117 = G 2213 = H 2215 = I 2216 = J 2219 = K 2314 = L 2315 = M 2317 = N 2413 = O

RECURVE/CENTER SHOT LONGBOW					Wood Arrow Length										LONGBOW / SELF BOW						
Finger Release															Finger Release						
ACTUAL PEAK BOW WEIGHT - Lbs.															ACTUAL PEAK BOW WEIGHT - Lbs.						
Point Weight															Point Weight						
100 (grains)	125 (grains)	145 (grains)	160 (grains)	190 (grains)	22½" 23½"	23½" 24½"	24½" 25½"	25½" 26½"	26½" 27½"	27½" 28½"	28½" 29½"	29½" 30½"	30½" 31½"	31½" 32½"	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	50-55	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	55-60	46-50	41-45	36-40	31-35	26-30
46-50	41-45	36-40	31-35	26-30								30-35	35-40	40-45	45-50	60-65	51-55	46-50	41-45	36-40	31-35
51-55	46-50	41-45	36-40	31-35								30-35	35-40	40-45	45-50	65-70	56-60	51-55	46-50	41-45	36-40
56-60	51-55	46-50	41-45	36-40								30-35	35-40	40-45	45-50	70-75	61-65	56-60	51-55	46-50	41-45
61-65	56-60	51-55	46-50	41-45	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	66-70	61-65	56-60	51-55	46-50		
66-70	61-65	56-60	51-55	46-50	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	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	66-70	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	66-70	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	66-70		
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		

-- SEE Test Kits listed with arrows/shafting descriptions --