

## Shaft Selection Charts for Wood Shafting

Recurve with a standard 125 grain point and a Fast Flight String.

Your Bow's Peak Weight	Arrow Length								
	24"	25"	26"	27"	28"	29"	30"	31"	32"
30-35			30-35	35-40	40-45	45-50	50-55	55-60	60-65
35-40		30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70
40-45	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75
45-50	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80
50-55	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85
55-60	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90
60-65	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95
65-70	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
70-75	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105
75-80	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	
80-85	70-75	75-80	80-85	85-90	90-95	95-100	100-105		
85-90	75-80	80-85	85-90	90-95	95-100	100-105			

Modern Longbow with a standard 125 grain point and a Fast Flight String.

Your Bow's Peak Weight	Arrow Length								
	24"	25"	26"	27"	28"	29"	30"	31"	32"
30-35				30-35	35-40	40-45	45-50	50-55	55-60
35-40			30-35	35-40	40-45	45-50	50-55	55-60	60-65
40-45		30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70
45-50	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75
50-55	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80
55-60	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85
60-65	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90
65-70	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95
70-75	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
75-80	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105
80-85	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	
85-90	70-75	75-80	80-85	85-90	90-95	95-100	100-105		

Arrow length is measure from the bottom of the groove of the nock to the back of the point.  
(Where the shoulder of the point touches the end of the shaft, not the tip.)

Draw length is measured from the bottom of the groove of the nock to the outermost edge of the back of the bow.  
(The side opposite and away from you. Then add a minimum of 1" for broadhead clearance.)

Longbows and recurve bows are marked at the factory with their weight when pulled 28". On average there is a 2#-3# change in weight per inch of draw. A 50# @ 28" bow would pull approx. 47# @ 27" or 53# @ 29".  
See chart below for example.

Draw Length	25"	26"	27"	28"	29"	30"	31"
Bow Weight	41	44	47	50	53	56	59

Arrows are more stiff the shorter they are and less stiff the longer they are. The change is approx. 5# per inch.  
A given arrow that when cut 28" has a spine "weight" of 50# is 55# if cut to 27" or 45# if cut 29".  
See chart below for example.

Arrow Length	25"	26"	27"	28"	29"	30"	31"
Arrow Spine in Bow Weight	65-70	60-65	55-60	50-55	45-50	40-45	35-40

All information herein is presented only as a guide. Every situation is slightly different and your results may vary.  
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