

Shaft Selection Charts for Gold Tip Carbon 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"	33"
30-35					3555	3555	3555	3555	5575	5575
35-40				3555	3555	3555	3555	5575	5575	5575
40-45			3555	3555	3555	3555	5575	5575	5575	5575
45-50		3555	3555	3555	3555	5575	5575	5575	5575	7595
50-55	3555	3555	3555	3555	5575	5575	5575	5575	7595	7595
55-60	3555	3555	3555	5575	5575	5575	5575	7595	7595	7595
60-65	3555	3555	5575	5575	5575	5575	7595	7595	7595	7595
65-70	3555	5575	5575	5575	5575	7595	7595	7595	7595	
70-75	5575	5575	5575	5575	7595	7595	7595	7595		
75-80	5575	5575	5575	7595	7595	7595	7595			
80-85	5575	5575	7595	7595	7595	7595				
85-90	5575	7595	7595	7595	7595					

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"	33"
30-35						3555	3555	3555	3555	5575
35-40					3555	3555	3555	3555	5575	5575
40-45				3555	3555	3555	3555	5575	5575	5575
45-50			3555	3555	3555	3555	5575	5575	5575	5575
50-55		3555	3555	3555	3555	5575	5575	5575	5575	7595
55-60	3555	3555	3555	3555	5575	5575	5575	5575	7595	7595
60-65	3555	3555	3555	5575	5575	5575	5575	7595	7595	7595
65-70	3555	3555	5575	5575	5575	5575	7595	7595	7595	7595
70-75	3555	5575	5575	5575	5575	7595	7595	7595	7595	
75-80	5575	5575	5575	5575	7595	7595	7595	7595		
80-85	5575	5575	5575	7595	7595	7595	7595			
85-90	5575	5575	7595	7595	7595	7595				

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: Measure 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 recurves 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. 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 unique and your results may vary. We make no guarantees of what will work for you. Copyright 2006 3Rivers Archery