

FIRST DETERMINE APPROPRIATE ARROW SPINE BY USING SPINE CHART OR ARROW GUIDE AT: VICTORYARCHERY.COM

NEXT USE THE CUT CHART BELOW TO DETERMINE WHETHER TO CUT FROM THE FRONT OR BACK TO ACHIEVE THE DESIRED SPINE.



THE CARBON ARROW EXPERTS



VXT RECURVE BOW									
Recurve	Arrow Length								
Baseline FPS - 242	23"	24"	25"	26"	27"	28"	29"	30"	31"
Weight/LBS									
16-18				1200	1200	1200	1100	1100	1100
18-21	1200	1200	1200	1100	1100	1100	1000	1000	1000
22-26	1100	1100	1100	1000	1000	1000	900	900	900
27-31	1000	1000	1000	900	900	900	800	800	800
32-36	900	900	900	800	800	800	700	700	700
37-41	800	800	800	700	700	700	650	650	650
42-46	700	700	700	650	650	650	600	600	600
47-51	650	650	650	600	600	600	550	550	550
52-56	600	600	600	550	550	550	500	500	500
57-61	550	550	550	500	500	500	450	450	450
62-66	500	500	500	450	450	450	400	400	400
67-71	500	500	450	450	400	400	400	400	350
72-76	450	450	400	400	400	350	350	350	350
77-81	450	400	400	400	350	350	350	350	300
Notes:	Spine Calculation based on 120 gr target point.								
*For the most accurate arrow selection, please reference the Victory Archery spine calculator at www.victoryarchery.com/arrow-guide/									
80-100 gr point	deduct 5 lbs draw weight								
120 gr point	baseline draw weight								
150 gr point	add 5 lbs draw weight								

VXT COMPOUND BOW									
Compound	Arrow Length								
Bow Rating 330 FPS	23"	24"	25"	26"	27"	28"	29"	30"	31"
14-18						1200	1200	1100	1000
18-22	1200	1200	1100	1100	1000	1000	1000	900	900
22-26	1000	1000	900	900	900	800	800	800	800
27-31	900	800	800	800	700	700	700	700	650
32-36	700	700	700	700	650	650	600	600	550
37-41	650	650	600	600	550	550	550	500	500
42-46	600	600	550	550	500	500	500	450	450
47-51	550	500	500	500	450	450	450	400	400
52-56	500	500	450	450	400	400	400	400	350
57-61	450	450	400	400	400	400	350	350	350
62-66	400	400	400	400	350	350	350	350	300
67-72	400	350	350	350	350	300	300	300	300
Notes:	Spine Calculation based on 120 gr target point.								
*Compound - Combine point weight and FPS total deductions or additions for combined poundage adjustment.									
*For the most accurate arrow selection, please reference the Victory Archery spine calculator at www.victoryarchery.com/arrow-guide/									
Less than 120 gr	deduct 5 lbs draw weight				Below 320FPS		deduct 5 lbs draw weight		
120 gr point	baseline draw weight				325-330		baseline draw weight		
Greater than 120 gr	add 5 lbs draw weight				331-350		add 5 lbs draw weight		
						Above 351 FPS		add 10 lbs draw weight	

VXT 355			VXT 450		
CUT FROM FRONT	ARROW LENGTH	CUT FROM REAR	CUT FROM FRONT	ARROW LENGTH	CUT FROM REAR
SPINE		SPINE	SPINE		SPINE
.355	31	.355	.450	31	.450
.370 +/- .005	30	.345 +/- .005	.465 +/- .005	30	.440 +/- .005
.380 +/- .005	29	.340 +/- .005	.475 +/- .005	29	.435 +/- .005
.385 +/- .005	28	.335 +/- .005	.480 +/- .005	28	.430 +/- .005
.390 +/- .005	27	.330 +/- .005	.485 +/- .005	27	.425 +/- .005
.395 +/- .005	26	.325 +/- .005	.490 +/- .005	26	.420 +/- .005
VXT 550			VXT 630		
CUT FROM FRONT	ARROW LENGTH	CUT FROM REAR	CUT FROM FRONT	ARROW LENGTH	CUT FROM REAR
SPINE		SPINE	SPINE		SPINE
.550	31	.550	.630	31	.630
.560 +/- .005	30	.540 +/- .005	.640 +/- .005	30	.615 +/- .005
.565 +/- .005	29	.535 +/- .005	.650 +/- .005	29	.610 +/- .005
.570 +/- .005	28	.530 +/- .005	.660 +/- .005	28	.605 +/- .005
.575 +/- .005	27	.525 +/- .005	.670 +/- .005	27	.600 +/- .005
.580 +/- .005	26	.520 +/- .005	.680 +/- .005	26	.595 +/- .005
Cutting from front:	Weakens arrow spine per table specs.				
	If the spine is too weak after cutting, length allowing, trim from rear to stiffen.				
	Front 9" are constant diameter. Do not cut more than 8 inches from front of arrow.				
Cutting from rear:	Stiffens arrow spine per table specs.				
	If the spine is too stiff after cutting, length allowing, trim from front to weaken.				
*Cutting equal parts from both ends will maintain current spine.					
*Front cuts will weaken arrow spine					
*Rear cuts will stiffen arrow spine					
*Every bow and arrow set-up varies. Please use this as base guidelines for arrow tuning.					