

# ARROW COMPARISON CHARTS

## COMPOUND BOWS / ONYX

Follow these instructions for locating the proper arrow spine for your setup

1. Select Cam and Draw Weight from the corresponding columns on either side of the chart.  
Note: Use Hard Cam Column for 330 fps (Advertised IBO Rating). Use Medium Cam Column for speeds less than 330 fps (Advertised IBO Rating).
2. Follow row until you arrive at the column with the arrow's carbon length.
3. The Spine number in the intersecting cell is the required Spine for your set-up.  
"Note: This chart is to be used for shooters using a 100 grain tip/point weight. If you are shooting a 125 grain tip/point weight, add 5 pounds of draw weight to calculate your proper spine."

Evidence, Onyx, Timberwolf, Punisher											Justice, Prosecutor, Judgement, Hunter	
Compound Bow – Draw Weight (Pounds)		Arrow Length (Measured Carbon only, Inches)									Compound Bow – Draw Weight (Pounds)	
Medium Cam	Hard Cam	22 1/4" to 23"	23 1/4" to 24"	24 1/4" to 25"	25 1/4" to 26"	26 1/4" to 27"	27 1/4" to 28"	28 1/4" to 29"	29 1/4" to 30"	30 1/4" to 31"	Medium Cam	Hard Cam
				500	500	500	500	500	400	400	40 – 45	
			500	500	500	500	500	400	400	400	46 – 50	40 – 45
40 – 45		500	500	500	500	500	400	400	400	350	51 – 55	46 – 50
46 – 50	40 – 45	500	500	500	500	400	400	400	350	350	56 – 60	51 – 55
51 – 55	46 – 50	500	500	500	400	400	400	350	350	350	61 – 65	56 – 60
56 – 60	51 – 55	500	500	400	400	400	350	350	350	300	66 – 70	61 – 65
61 – 56	56 – 60	500	400	400	400	350	350	350	300	300	71 – 75	66 – 70
66 – 70	61 – 65	400	400	400	350	350	350	300	300	300	76 – 80	71 – 75
71 – 75	66 – 70	400	400	350	350	350	300	300	300	300		76 – 80
76 – 80	71 – 75	400	350	350	350	300	300	300	300	300		
	76 – 80		350	350	300	300	300	300	300	300		