

ARROW SELECTION

COMPOUND BOW – Release Aid Calculated Peak Bow Weight–lbs

YOUR ARROW LENGTH FOR TARGET • FIELD • 3D

RECURVE BOW

Bow Rating up to 275 FPS	Bow Rating 276–300 FPS	Bow Rating 301–320 FPS	Bow Rating 321–340 FPS	23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	Bow Weight–lbs. Finger Release
29–35 lbs. (13.2–15.9 kg)				00	01	02	03	T1	T2	T3				21–27 lbs. (9.5–12.2 kg)
35–40 lbs. (15.9–18.1 kg)	29–35 lbs. (13.2–15.9 kg)			01	02	03	T1	T2	T3	T4	T5			27–32 lbs. (12.2–14.5 kg)
40–45 lbs. (18.1–20.4 kg)	35–40 lbs. (15.9–18.1 kg)	29–35 lbs. (13.2–15.9 kg)		02	03	T1	T2	T3	T4	T5	T6	T7		32–36 lbs. (14.5–16.3 kg)
45–50 lbs. (20.4–22.7 kg)	40–45 lbs. (18.1–20.4 kg)	35–40 lbs. (15.9–18.1 kg)		03	T1	T2	T3	T4	T5	T6	T7	T8	T9	36–40 lbs. (16.3–18.1 kg)
50–55 lbs. (22.7–24.9 kg)	45–50 lbs. (20.4–22.7 kg)	40–45 lbs. (18.1–20.4 kg)	35–40 lbs. (15.9–18.1 kg)	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	40–44 lbs. (18.1–20.0 kg)
55–60 lbs. (24.9–27.2 kg)	50–55 lbs. (22.7–24.9 kg)	45–50 lbs. (20.4–22.7 kg)	40–45 lbs. (18.1–20.4 kg)	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	44–48 lbs. (20.0–21.8 kg)
60–65 lbs. (27.2–29.5 kg)	55–60 lbs. (24.9–27.2 kg)	50–55 lbs. (22.7–24.9 kg)	45–50 lbs. (20.4–22.7 kg)	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	48–52 lbs. (21.8–23.6 kg)
65–70 lbs. (29.5–31.8 kg)	60–65 lbs. (27.2–29.5 kg)	55–60 lbs. (24.9–27.2 kg)	50–55 lbs. (22.7–24.9 kg)	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	53–57 lbs. (24.0–25.9 kg)
70–76 lbs. (31.8–34.5 kg)	65–70 lbs. (29.5–31.8 kg)	60–65 lbs. (27.2–29.5 kg)	55–60 lbs. (24.9–27.2 kg)	T5	T6	T7	T8	T9	T10	T11	T12	T13	T13	58–62 lbs. (26.3–28.1 kg)
76–82 lbs. (34.5–37.2 kg)	70–76 lbs. (31.8–34.5 kg)	65–70 lbs. (29.5–31.8 kg)	60–65 lbs. (27.2–29.5 kg)	T6	T7	T8	T9	T10	T11	T12	T13	T13	T14	63–67 lbs. (28.6–30.4 kg)
82–88 lbs. (37.2–39.9 kg)	76–82 lbs. (34.5–37.2 kg)	70–76 lbs. (31.8–34.5 kg)	65–70 lbs. (29.5–31.8 kg)	T7	T8	T9	T10	T11	T12	T13	T13	T14		68–73 lbs. (30.8–33.1 kg)

For ATA Speed of 341–350 FPS: Start in 321–340 FPS column, drop down one row in chart Examples: 62lb–31in–345 FPS: drop down one row, still in Group T13 52lb–28in–345 FPS: drop down one row, shift from Group T8 to Group T9

For ATA Speed of 351+ FPS: Start in 321–340 FPS column, drop down two rows in chart. Examples: 62lb–31in–355 FPS: drop down two rows, shift from Group T13 to Group T14 52lb–28in–355 FPS: drops down two rows, shift from Group T8 to Group T10

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group 00				Group 01				Group 02				Group 03			
1800	1.800	Carb1	3.6	2-00	1.500	A/C/G	4.7	1250	1.250	A/C/E	5.1	1100	1.100	A/C/E	5.1
1800	1.800	Apollo	3.6	1500	1.500	A/C/G	4.7	1300	1.300	A/C/G	5.1	1150	1.150	A/C/G	5.5
1800	1.800	Inspire	3.6	1600	1.600	Carb1	3.8	3L-00	1.300	A/C/C	5.1	3-00	1.150	A/C/C	5.5
1214	2.501	75	5.9	1600	1.600	Apollo	3.8	1400	1.400	Carb1	4.2	1150	1.150	Carb1	5.0
1413	2.036	75	5.9	1600	1.600	Inspire	3.8	1400	1.400	Apollo	4.2	1200	1.200	Inspire	7.2
				1416	1.684	75	7.1	1400	1.400	Inspire	4.2	1200	1.200	Apollo	5.5
				1516	1.403	75	7.3	1400	1.400	Vector	3.9	1000	1.000	Vector	5.0
								1514	1.379	X7	6.8	1614	1.153	X7	7.7
Group T3				Group T4				Group T5				Group T6			
*720-780R	0.720-0.780	A/C/E	6.4	*670-720R	0.670-0.720	A/C/E	5.9	*620-670R	0.620-0.670	A/C/E	6.1	*570-620R	0.570-0.600	A/C/E	6.3
*700-750R	0.700-0.750	X10	6.7	*650-700R	0.650-0.700	X10	6.8	*600-650R	0.600-0.650	X10	7.0	*550-600R	0.550-0.600	X10	7.5
720	0.720	ProTour	6.2	670	0.670	ProTour	6.5	620	0.620	ProTour	6.7	570	0.570	ProTour	6.9
*710-810R	0.710-0.810	A/C/G	6.5	*660-710R	0.660-0.710	A/C/G	6.9	*610-660R	0.610-0.660	A/C/G	7.3	*540-610R	0.540-0.610	A/C/G	7.7
3X-04	0.830	A/C/C	6.7	3L-04	0.750	A/C/C	7.0	3-04	0.680	A/C/C	7.2	3L-18	0.620	A/C/C	7.5
3L-04	0.750	A/C/C	7.0	3-04	0.680	A/C/C	7.2	660	0.660	Carb1	6.6	600	0.600	Carb1	6.9
730	0.730	Carb1	6.0	660	0.660	Carb1	6.6	630	0.630	Inspire	7.9	570	0.570	Inspire	8.2
750	0.750	Inspire	8.1	630	0.630	Inspire	7.9	670	0.670	Apollo	7.7	610	0.610	Apollo	8.1
840	0.840	Apollo	6.5	740	0.740	Apollo	7.2	2013	0.610	75	9.0	500	0.500	LSpd	6.5
1813	0.874	75	7.9	1913	0.733	75	8.3	1914	0.658	X7	9.3	500	0.500	FB	7.1
1814	0.799	X7	8.6	1914	0.658	X7	9.3	1916	0.623	75	10.0	2013	0.610	75	9.0
1816	0.756	75	9.3									2014	0.579	X7	9.6
												1916	0.623	75	10.1
												475	0.475	SDRIVE 23	6.4
Group T9				Group T10				Group T11				Group T12			
*430-470R	0.430-0.470	A/C/E	7.0	*400-430R	0.400-0.430	A/C/E	7.5	*370-400R	0.370-0.400	A/C/E	7.9	370R	0.370	A/C/E	7.9
*410-450R	0.410-0.450	X10	8.5	*380-410R	0.380-0.410	X10	8.9	380R	0.380	X10	8.9	350R	0.350	X10	8.4
420	0.420	ProTour	8.0	380	0.380	ProTour	8.4	380	0.380	ProTour	8.4	340	0.340	ProTour	8.8w
*430-480R	0.430-0.480	A/C/G	8.9	*430-480R	0.430-0.480	A/C/G	8.9	3-49	0.390	A/C/C	8.8	3-60	0.340	A/C/C	9.5
3-39	0.440	A/C/C	8.6	3-39	0.440	A/C/C	8.6	3-60	0.340	A/C/C	9.5	3-71	0.300	A/C/C	9.9
450	0.450	FMJMatch	9.4	3-49	0.390	A/C/C	8.8	375	0.375	FMJMatch	10.3	340	0.340	LSpd	8.2
450	0.450	Carb1	8.1	400	0.400	FMJMatch	10.0	400	0.400	LSpd	7.4	340	0.340	FB	8.3
400	0.400	LSpd	7.4	410	0.410	Carb1	8.5	400	0.400	FB	7.8	350	0.350	Triumph	
450	0.450	Triumph		400	0.400	LSpd	7.4	350	0.350	Triumph		290	0.290	SDRIVE 25	7.8
400	0.400	FB	7.8	450	0.450	Triumph		290	0.290	SDRIVE 25	7.8	350	0.350	X7	8.4
2311	0.450	X7	8.9	400	0.400	FB	7.8	350	0.350	FBORE	8.4	2511	0.348	X7	9.6
2312	0.423	X7	9.5	2413	0.365	X7, 75	10.5	2413	0.365	X7, 75	10.5	2512	0.321	X7	10.3
2213	0.460	X7, 75	9.9	2214	0.425	X7	10.4	2314	0.390	X7, 75	10.8	2612	0.285	X7	10.7
2214	0.425	X7	10.4	2314	0.390	X7, 75	10.8	2315	0.340	X7, 75	11.8	2613	0.265	X7	11.5
2115	0.461	75	10.8	2412	0.400	X7	9.7	251	0.348	X7	9.6	2712	0.260	X7	11.3
375	0.375	SDRIVE 23	6.9	375	0.375	SDRIVE 23	6.9	375	0.375	SDRIVE 23	6.9	325	0.325	SDRIVE 23	7.4

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group T1				Group T2			
*920-1000R	0.920-1.000	A/C/E	5.8	*780-850R	0.780-0.850	A/C/E	6.0
*900-1000R	0.900-1.000	X10	5.8	*750-830R	0.750-0.830	X10	6.4
*880-1000R	0.880-1.000	A/C/G	5.9	770	0.770	ProTour	6.0
2L-04	1.020	A/C/C	6.1	*810-880R	0.810-0.880	A/C/G	6.1
2-04	0.920	A/C/C	6.5	2-04	0.920	A/C/C	6.5
900	0.900	Carb1	5.3	810	0.810	Carb1	5.8
1070	1.070	Apollo	5.9	950	0.950	Apollo	6.2
1000	1.000	Inspire	7.2	900	0.900	Inspire	7.7
1000	1.000	Vector	5.0	1714	0.963	X7	8.1
1713	1.044	75	7.4	1716	0.880	75	9.0
1714	0.963	X7	8.1				
1616	1.079	75	8.4				
Group T7				Group T8			
*520-570R	0.520-0.570	A/C/E	6.7	*470-520R	0.470-0.520	A/C/E	6.8
*500-550R	0.500-0.550	X10	7.8	*450-500R	0.450-0.500	X10	8.1
520	0.520	ProTour	7.3	470	0.470	ProTour	7.6
*540-610R	0.540-0.610	A/C/G	7.7	*480-540R	0.480-0.540	A/C/G	8.4
3-18	0.560	A/C/C	7.8	3-28	0.500	A/C/C	8.1
3-28	0.530	A/C/C	8.1	3-39	0.440	A/C/C	8.6
530	0.530	FMJMatch	8.4	490	0.490	FMJMatch	8.9
550	0.550	Carb1	6.9	500	0.500	Carb1	7.4
560	0.560	Apollo	8.4	500	0.500	LSpd	6.5
500	0.500	LSpd	6.5	500	0.500	Triumph	
500	0.500	Triumph		500	0.500	FB	7.1
500	0.500	FB	7.1	2212	0.505	X7	8.8
2212	0.505	X7	8.8	2213	0.460	X7, 75	9.9
2114	0.510	X7, 75	9.9	2114	0.510	X7, 75	9.9
2016	0.531	75	10.6	475	0.475	SDRIVE 23	6.4
475	0.475	SDRIVE 23	6.4				
Group T13				Group T14			
325R	0.325	X10	8.8	270	0.270	FBORE	9.0
3-71	0.300	A/C/C	9.9	2613	0.265	X7	11.5
290	0.290	SDRIVE 25	7.8				