




COMPOUND BOW - Release Aid Calculated Peak Bow Weight - Lbs.			Correct Arrow Length for Target • Field • 3D											RECURVE BOW Bow Weight - Lbs. Finger Release
Soft Cam  AMO up to 210 FPS IBO up to 260 FPS	Medium Cam  AMO 211-230 FPS IBO 261-290 FPS	Single or Hard Cam  AMO 231 FPS up IBO 291 FPS up	22 <sup>1</sup> / <sub>2</sub> (57.2 cm) <b>23"</b> 23 <sup>1</sup> / <sub>2</sub> (59.7 cm)	23 <sup>1</sup> / <sub>2</sub> (59.7 cm) <b>24"</b> 24 <sup>1</sup> / <sub>2</sub> (62.2 cm)	24 <sup>1</sup> / <sub>2</sub> (62.2 cm) <b>25"</b> 25 <sup>1</sup> / <sub>2</sub> (64.8 cm)	25 <sup>1</sup> / <sub>2</sub> (64.8 cm) <b>26"</b> 26 <sup>1</sup> / <sub>2</sub> (67.3 cm)	26 <sup>1</sup> / <sub>2</sub> (67.3 cm) <b>27"</b> 27 <sup>1</sup> / <sub>2</sub> (69.9 cm)	27 <sup>1</sup> / <sub>2</sub> (69.9 cm) <b>28"</b> 28 <sup>1</sup> / <sub>2</sub> (72.4 cm)	28 <sup>1</sup> / <sub>2</sub> (72.4 cm) <b>29"</b> 29 <sup>1</sup> / <sub>2</sub> (75.0 cm)	29 <sup>1</sup> / <sub>2</sub> (75.0 cm) <b>30"</b> 30 <sup>1</sup> / <sub>2</sub> (77.5 cm)	30 <sup>1</sup> / <sub>2</sub> (77.5 cm) <b>31"</b> 31 <sup>1</sup> / <sub>2</sub> (80.0 cm)	31 <sup>1</sup> / <sub>2</sub> (80.0 cm) <b>32"</b> 32 <sup>1</sup> / <sub>2</sub> (82.5 cm)		
29-35 lbs. (13.2-15.9 kg)								<b>T1</b>	<b>T2</b>	<b>T3</b>				<b>17-23 lbs.</b> (7.7-10.4 kg)
<b>35-40 lbs.</b> (15.9-18.1 kg)	<b>29-35 lbs.</b> (13.2-15.9 kg)						<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>T4</b>	<b>T5</b>			<b>24-29 lbs.</b> (10.9-13.2 kg)
<b>40-45 lbs.</b> (18.1-20.4 kg)	<b>35-40 lbs.</b> (15.9-18.1 kg)	<b>29-35 lbs.</b> (13.2-15.9 kg)			<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>T4</b>	<b>T5</b>	<b>T6</b>	<b>T7</b>			<b>30-35 lbs.</b> (13.6-15.9 kg)
<b>45-50 lbs.</b> (20.4-22.7 kg)	<b>40-45 lbs.</b> (18.1-20.4 kg)	<b>35-40 lbs.</b> (15.9-18.1 kg)		<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>T4</b>	<b>T5</b>	<b>T6</b>	<b>T7</b>	<b>T8</b>	<b>T9</b>		<b>36-40 lbs.</b> (16.3-18.1 kg)
<b>50-55 lbs.</b> (22.7-24.9 kg)	<b>45-50 lbs.</b> (20.4-22.7 kg)	<b>40-45 lbs.</b> (18.1-20.4 kg)	<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>T4</b>	<b>T5</b>	<b>T6</b>	<b>T7</b>	<b>T8</b>	<b>T9</b>	<b>T10</b>		<b>41-45 lbs.</b> (18.6-20.4 kg)
<b>55-60 lbs.</b> (24.9-27.2 kg)	<b>50-55 lbs.</b> (22.7-24.9 kg)	<b>45-50 lbs.</b> (20.4-22.7 kg)	<b>T2</b>	<b>T3</b>	<b>T4</b>	<b>T5</b>	<b>T6</b>	<b>T7</b>	<b>T8</b>	<b>T9</b>	<b>T10</b>	<b>T11</b>		<b>46-50 lbs.</b> (20.9-22.7 kg)
<b>60-65 lbs.</b> (27.2-29.5 kg)	<b>55-60 lbs.</b> (24.9-27.2 kg)	<b>50-55 lbs.</b> (22.7-24.9 kg)	<b>T3</b>	<b>T4</b>	<b>T5</b>	<b>T6</b>	<b>T7</b>	<b>T8</b>	<b>T9</b>	<b>T10</b>	<b>T11</b>	<b>T12</b>		<b>51-55 lbs.</b> (23.1-24.9 kg)
<b>65-70 lbs.</b> (29.5-31.8 kg)	<b>60-65 lbs.</b> (27.2-29.5 kg)	<b>55-60 lbs.</b> (24.9-27.2 kg)	<b>T4</b>	<b>T5</b>	<b>T6</b>	<b>T7</b>	<b>T8</b>	<b>T9</b>	<b>T10</b>	<b>T11</b>	<b>T12</b>	<b>T13</b>		<b>56-60 lbs.</b> (25.4-27.2 kg)
<b>70-76 lbs.</b> (31.8-34.5 kg)	<b>65-70 lbs.</b> (29.5-31.8 kg)	<b>60-65 lbs.</b> (27.2-29.5 kg)	<b>T5</b>	<b>T6</b>	<b>T7</b>	<b>T8</b>	<b>T9</b>	<b>T10</b>	<b>T11</b>	<b>T12</b>	<b>T13</b>	<b>T13</b>		<b>61-65 lbs.</b> (27.7-29.5 kg)
<b>76-82 lbs.</b> (34.5-37.2 kg)	<b>70-76 lbs.</b> (31.8-34.5 kg)	<b>65-70 lbs.</b> (29.5-31.8 kg)	<b>T6</b>	<b>T7</b>	<b>T8</b>	<b>T9</b>	<b>T10</b>	<b>T11</b>	<b>T12</b>	<b>T13</b>	<b>T13</b>	<b>T14</b>		<b>66-70 lbs.</b> (29.9-31.8 kg)
<b>82-88 lbs.</b> (37.2-39.9 kg)	<b>76-82 lbs.</b> (34.5-37.2 kg)	<b>70-76 lbs.</b> (31.8-34.5 kg)	<b>T7</b>	<b>T8</b>	<b>T9</b>	<b>T10</b>	<b>T11</b>	<b>T12</b>	<b>T13</b>	<b>T13</b>	<b>T14</b>			<b>71-76 lbs.</b> (32.2-34.5 kg)

☐ No X10 or A/C/E shafts suitable in shaded areas above.

Group T1				
Size	Spine	Model	Weight Grs/Inch	Wt @29"
*920-1000R	0.920-1.000	A/C/E	5.83	169
*900-1000R	0.900-1.000	X10	5.75	167
*880-1000R	0.880-1.000	Nav	5.50	160
2L-04	1.020	A/C/C	6.05	175
2-04	0.920	A/C/C	6.48	188
*920-1050R	0.920-1.050	Vector	5.44	158
900	0.900	Rdln	5.83	169
1712	1.099	X7	6.70	194
1713	1.044	75	7.42	215
1714	0.963	X7	8.07	234
1616	1.079	75	8.36	242

Group T2				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*780-850R	0.780-0.850	A/C/E	6.01	174
*750-830R	0.750-0.830	X10	6.35	184
*810-880R	0.810-0.880	Nav	5.80	168
2-04	0.920	A/C/C	6.48	188
*770-840R	0.770-0.840	Vector	6.26	182
780	0.780	Rdln	6.30	183
1812	0.879	X7	7.30	212
1714	0.963	X7	8.07	234
1716	0.880	75	9.03	262

Group T3				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*720-780R	0.720-0.780	A/C/E	6.35	184
*700-750R	0.700-0.750	X10	6.70	194
*710-810R	0.710-0.810	Nav	6.29	182
3X-04	0.830	A/C/C	6.74	195
3L-04	0.750	A/C/C	6.95	202
*700-770R	0.700-0.770	Vector	6.38	185
780	0.780	Rdln	6.30	183
1912	0.778	X7	7.60	220
1813	0.874	75	7.86	228
1814	0.799	X7	8.57	248
1816	0.756	75	9.27	269

Group T4				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*670-720R	0.670-0.720	A/C/E	5.93	172
*650-700R	0.650-0.700	X10	6.79	197
*610-710R	0.610-0.710	Nav	6.87	199
3L-04	0.750	A/C/C	6.95	202
3-04	0.680	A/C/C	7.22	209
*700-770R	0.700-0.770	Vector	6.38	185
690	0.690	Rdln	6.27	182
1912	0.778	X7	7.60	220
2012	0.680	X7	8.00	232
1913	0.733	75	8.34	242
1914	0.658	X7	9.28	269

Group T5				
Size	Spine	Model	Weight Grs/Inch	Wt @29"
*620-670R	0.620-0.670	A/C/E	6.11	177
*600-650R	0.600-0.650	X10	7.02	204
*540-610R	0.540-0.610	Nav	7.39	214
3-04	0.680	A/C/C	7.22	209
*640-700R	0.640-0.700	Vector	6.26	182
690	0.690	Rdln	6.27	182
2012	0.680	X7	8.00	232
2013	0.610	75	9.01	261
1914	0.658	X7	9.28	269
1916	0.623	75	10.05	291

Group T6				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*570-620R	0.570-0.620	A/C/E	6.30	183
*550-600R	0.550-0.600	X10	7.47	217
*540-610R	0.540-0.610	Nav	7.39	214
3L-18	0.620	A/C/C	7.47	217
*580-640R	0.580-0.640	Vector	7.06	205
600	0.600	Rdln	6.92	201
500	0.500	LSpd	6.53	189
500	0.500	FB	7.10	206
2112	0.590	X7	8.42	244
2013	0.610	75	9.01	261
2014	0.579	X7	9.56	277
1916	0.623	75	10.05	291

Group T7				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*520-570R	0.520-0.570	A/C/E	6.65	193
*500-550R	0.500-0.550	X10	7.80	226
*540-610R	0.540-0.610	Nav	7.39	214
3-18	0.560	A/C/C	7.82	227
3-28	0.500	A/C/C	8.11	235
*530-580R	0.530-0.580	Vector	7.56	219
520	0.520	Rdln	7.09	206
500	0.500	LSpd	6.53	189
500	0.500	FB	7.10	206
2212	0.505	75	8.84	256
2114	0.510	X7,75	9.94	288
2016	0.531	75	10.56	306

Group T8				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*470-520R	0.470-0.520	A/C/E	6.81	197
*450-500R	0.450-0.500	X10	8.10	235
*480-540R	0.480-0.540	Nav	7.98	231
3-28	0.500	A/C/C	8.11	235
3-39	0.440	A/C/C	8.58	249
*480-530R	0.480-0.530	Vector	7.78	226
460	0.460	Rdln	7.32	212
500	0.500	LSpd	6.53	189
500	0.500	FB	7.10	206
2212	0.505	X7	8.84	256
2213	0.460	X7,75	9.92	288
2114	0.510	X7,75	9.94	288
2115	0.461	75	10.75	312

Group T9				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*430-470R	0.430-0.470	A/C/E	7.03	204
*410-450R	0.410-0.450	X10	8.48	246
*430-480R	0.430-0.480	Nav	8.42	244
3-39	0.440	A/C/C	8.58	249
480	0.480	Vector	7.78	226
460	0.460	Rdln	7.32	212
400	0.400	LSpd	7.41	215
400	0.400	FB	7.75	225
2312	0.423	X7	9.48	275
2213	0.460	X7,75	9.92	288
2214	0.425	X7	10.41	302
2115	0.461	75	10.75	312

Group T10				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*400-430R	0.400-0.430	A/C/E	7.50	218
*380-410R	0.380-0.410	X10	8.87	257
*430-480R	0.430-0.480	Nav	8.42	244
3-39	0.440	A/C/C	8.58	249
3-49	0.390	A/C/C	8.83	256
480	0.480	Vector	7.78	226
410	0.410	Rdln	7.60	220
400	0.400	LSpd	7.41	215
400	0.400	FB	7.75	225
2412	0.400	X7	9.65	280
2413	0.365	X7,75	10.50	304
2214	0.425	X7	10.41	302
2314	0.390	X7,75	10.76	312

Group T11				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
*370-400R	0.370-0.400	A/C/E	7.91	229
380R	0.380	X10	8.87	257
3-49	0.390	A/C/C	8.83	256
3-60	0.340	A/C/C	9.45	274
360	0.360	Rdln	8.31	241
400	0.400	LSpd	7.41	215
400	0.400	FB	7.75	225
2413	0.365	X7,75	10.50	304
2314	0.390	X7,75	10.76	312
2315	0.340	X7,75	11.67	338

Group T12				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
370R	0.370	A/C/E	7.91	229
3-60	0.340	A/C/C	9.45	274
3-71	0.300	A/C/C	9.92	288
360	0.360	Rdln	8.31	241
340	0.340	LSpd	8.16	237
340	0.340	FB	8.30	241
2512	0.321	X7	10.28	298
2613	0.265	X7	11.49	333

Group T13				
Size	Spine	Model	Weight Grs/Inch	Weight @29"
3-71	0.300	A/C/C	9.92	288
2512	0.321	X7	10.28	298
2613	0.265	X7	11.49	333

Group T14				
Size/Spine	Model	Weight Grs/Inch	Weight @29"	
2613 / 0.265	X7	11.49	333	

**A/C/E** Aluminum/Carbon/Extreme  
**X10** X10 Shafts (Aluminum/Carbon)  
**Nav** Navigator (Aluminum/Carbon)  
**A/C/C** Aluminum/Carbon/Composite  
**Vector** Vector  
**Rdln** Redline  
**LSpd** LightSpeed  
**FB** FatBoy  
**X7** X7 Eclipse and Cobalt (7178 alloy)  
**75** XX75: Platinum Plus and Jazz (7075-T9 alloy)

**R** The size recommendations for recurve bows are indicated with a letter "R" next to the size.  
**Size** Indicates suggested arrow size  
**Spine** Spine of arrow size shown (static)  
**Model** Designates arrow model  
**Weight** Listed in grains per inch

\* When two sizes are listed together, the weight listed is for the first shaft.