

Using the Target Arrow Selection Chart

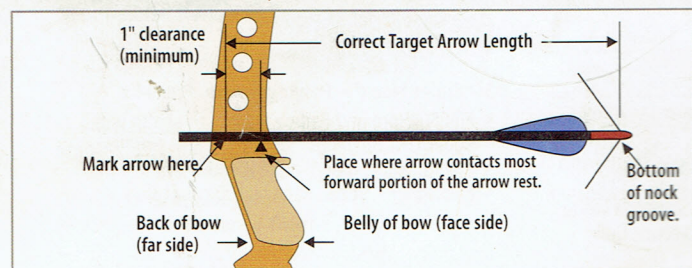
- Once you have determined your **Correct Target Arrow Length** and **Calculated or Actual Peak Bow Weight**, you are ready to select your correct shaft size:
 - Compound bows.** In the "Calculated Peak Bow Weight" column (left-hand side of the chart), select the column with the type cam on your bow. Locate your **Calculated Peak Bow Weight** in that column.
 - Recurve bows and Modern Longbows.** In the "Actual Peak Bow Weight" column (right-hand side of the chart), select the column with the bow type. Next, locate your **Actual Peak Bow Weight** in that column.
- Move across that bow-weight row horizontally to the column indicating your **Correct Arrow Length**. Note the letter in the box where your **Calculated or Actual Peak Bow Weight** row and **Correct Target Arrow Length** column intersect. The "Shaft Size" box below the chart with the same letter contains your recommended shaft sizes. Select a shaft from the chart depending on the shaft material, shaft weight, and type of shooting you will be doing. For larger game, you should use heavier shafts.

Selecting the Correct Target Shaft Size

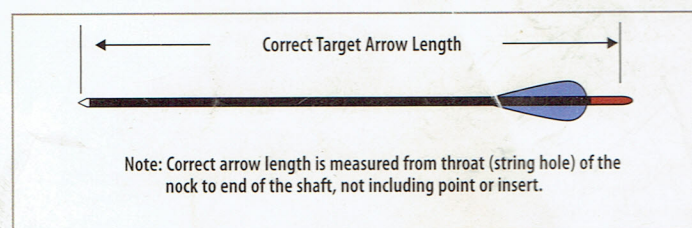
Our Target Shaft Selection Chart will help you find the perfect shaft match for your bow—quickly and easily. Advanced, interactive Spine Weight Comparison and Target Shaft Selection Charts are now available online at www.eastonarchery.com.

1. Determining Correct Target Arrow Length

The **Correct Arrow Length** for bows (including bows with overdraws) is determined by drawing an extra-long arrow to full draw and having someone mark the arrow one inch in front of where the arrow contacts the most forward portion of the arrow rest.



Bow Draw Length. Draw length is measured at full draw from the bottom of the nock groove to the back (far side) of the bow. Actual arrow length and draw length are only the same if the end of the arrow shaft is even with the back of the bow (far side) at full draw.



2. Determining Actual Peak Bow Weight Compound Bows

Compound bows must be measured at the peak bow weight as the bow is being drawn and not while letting the bow down.

The suggested shaft sizes in the charts were determined using a "Standard" Setup which includes:

- Use of a release aid
- Compound bow with brace height greater than 6½"

If your setup differs from the "Standard" Setup, use the **Variables** (following) to make adjustments to determine the **Calculated Peak Bow Weight** so the correct arrow size can be selected on the chart.

Variables to the "Standard" Setup for Compound Bows

- Point weight over 100 grains—Add 3 lbs. for each 25 grains heavier than 100 grains.
- Bows with brace heights less than 6½"—Add 5 lbs.
- Finger release—Add 5 lbs.

Correct Arrow Length for Low Poundage Target

21"	22"	23"	24"	25"	26"	27"	RECURVE BOW Bow Weight—lbs. Finger Release
		Y1	Y1	Y2	Y3	Y4	16–20 lbs. (7.3–9.1 kg)
	Y1	Y1	Y2	Y3	Y4	Y5	20–24 lbs. (9.1–10.9 kg)
Y1	Y1	Y2	Y3	Y4	Y5	Y6	24–28 lbs. (10.9–12.7 kg)
Y1	Y2	Y3	Y4	Y5	Y6	Y7	28–32 lbs. (12.7–14.5 kg)
Y2	Y3	Y4	Y5	Y6	Y7		32–36 lbs. (14.5–16.3 kg)
Y3	Y4	Y5	Y6	Y7			36–40 lbs. (16.3–18.1 kg)

Note: If your arrow shaft is longer than inch length shown, round-up to the next longer increment.

Size	Spine	Model	Weight Grs/Inch	Size	Spine	Model	Weight Grs/Inch
Group Y1				Group Y2			
1214	2.501	75	5.9	1413	2.036	75	5.9
Group Y3				Group Y4			
1400	1.400	Inspire	6.7	1500	1.500	A/C/G	4.7
1414	1.684	75	7.2	2-00	1.500	A/C/C	4.7
				1400	1.400	Inspire	6.7
				1416	1.684	75	7.2
Group Y5				Group Y6			
1250	1.250	A/C/E	5.1	1250	1.250	A/C/E	5.1
1300	1.300	A/C/G	5.1	1150	1.150	A/C/G	5.5
3L-00	1.300	A/C/C	5.1	3-00	1.150	A/C/C	5.5
1200	1.200	Apollo	5.5	1150	1.150	Carb1	5.0
1200	1.200	Inspire	7.2	1200	1.200	Apollo	5.5
1514	1.379	X7	6.8	1200	1.200	Inspire	7.2
1516	1.403	75	7.3	1516	1.403	75	7.3
				1614	1.153	X7	7.7
Group Y7				Key			
1000	1.000	A/C/E	5.7	A/C/E	Aluminum/Carbon/Extreme		
1100	1.100	A/C/E	5.1	X10	X10 Shafts (Aluminum/Carbon)		
1000	1.000	X10	5.3	A/C/G	A/C/G (Aluminum/Carbon)		
1000	1.000	A/C/G	5.7	A/C/C	Aluminum/Carbon/Composite		
3-00	1.150	A/C/C	5.5	Carb1	Carbon One N-FUSED Carbon		
1000	1.000	Carb1	5.0	Apollo	Carbon Apollo		
1070	1.070	Apollo	5.9	Inspire	Carbon Inspire		
1000	1.000	Inspire	7.2	X7	X7 Eclipse (7178 alloy)		
1614	1.153	X7	7.7	75	X07S: Platinum Plus, Tribute, Jazz and Neos (7075 alloy)		
1616	1.079	75	8.4				

Note: To determine weight at your shaft length, multiply the grains-per-inch (gpi) by your actual shaft length not including point, insert, or UNI Bushing.

Overdraw Compound Bows

If you are using an overdraw, make the variable calculations (if any), and then modify the **Calculated Peak Bow Weight** of your bow using the chart below.

Length of Overdraw

Bow Weight	1"	2"	3"	4"	5"
For 50#–70# Actual/Calculated Peak Bow Weight, add to bow weight –	1#	3#	6#	9#	12#

3. Determining Actual Peak Bow Weight Recurve and Modern Longbows

Your local archery pro shop is the best place to determine the actual draw weight of your bow. **Actual Peak Bow Weight** for recurve bows and longbows should be measured at your draw length.