

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 | 2712 | 0.260 | X7 | 11.3 |
| 270 | 0.270 | FBORE | 9.0 | | | | |
| 2512 | 0.321 | X7 | 10.3 | | | | |
| 2612 | 0.285 | X7 | 10.7 | | | | |
| 325 | 0.325 | SDRIVE 23 | 7.4 | | | | |

KEY

- A/C/E** Aluminum/Carbon/Extreme
 - X10** X10 Shafts (Aluminum/Carbon)
 - ProTour** X10 ProTour Shafts (Aluminum/Carbon)
 - A/C/G** A/C/G (Aluminum/Carbon)
 - A/C/C** Aluminum/Carbon/Composite
 - FMJMatch** FMJ Match
 - Carb1** Carbon One
 - Inspire** Inspire
 - LSpd** LightSpeed & LightSpeed 3D
 - Triumph** Triumph
 - SDRIVE 25** Super Drive 25
 - SDRIVE 23** Super Drive 23
 - FB** FatBoy
 - FBORE** Full Bore
 - X7** X7 Eclipse (7178-T9 alloy)
 - 75** XX75: Platinum Plus, Tribute, Jazz and Neos (7075 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**

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