

Spinetable Wooden Shafts

Application and Calculation of Spine Values



LBS / FINGER	ARROW LENGTH 26 INCH			ARROW LENGTH 27 INCH			ARROW LENGTH 28 INCH			ARROW LENGTH 29 INCH			ARROW LENGTH 30 INCH			ARROW LENGTH 31 INCH			ARROW LENGTH 32 INCH		
	P	SPINE	F	P	SPINE	F	P	SPINE	F	P	SPINE	F	P	SPINE	F	P	SPINE	F	P	SPINE	F
- 30 lbs	30	5/16, -30	3	30	5/16, -30	3	70	5/16, 30 - 35	3	70	11/32, 35 - 40	4	70	11/32, 40 - 45	4	100	11/32, 45 - 50	4	100	11/32, 45 - 50	5
30 - 35 lbs	30	5/16, 30 - 35	3	70	5/16, 30 - 35	3	100	11/32, 35 - 40	4	70	11/32, 40 - 45	4	100	11/32, 45 - 50	4	100	11/32, 50 - 55	4	100	11/32, 50 - 55	5
36 - 40 lbs	70	5/16, 35 - 40	4	70	5/16, 35 - 40	4	100	11/32, 40 - 45	4	100	11/32, 45 - 50	4	100	11/32, 50 - 55	4	100	11/32, 55 - 60	4	125	11/32, 60 - 65	5
41 - 45 lbs	100	5/16, 40 - 45	4	100	11/32, 40 - 45	4	100	11/32, 50 - 55	4	100	11/32, 50 - 55	4	100	11/32, 55 - 60	4	100	11/32, 60 - 65	4	125	11/32, 65 - 70	5
46 - 50 lbs	100	11/32, 45 - 50	4	100	11/32, 45 - 50	4	100	11/32, 50 - 55	4	125	11/32, 55 - 60	5	125	11/32, 60 - 65	5	125	11/32, 65 - 70	5	125	11/32, 70 - 75	5
51 - 55 lbs	125	11/32, 50 - 55	5	125	11/32, 50 - 55	5	125	11/32, 55 - 60	5	125	11/32, 60 - 65	5	125	11/32, 65 - 70	5	125	11/32, 70 - 75	5	125	11/32, 75 - 80	5
56 - 60 lbs	125	11/32, 55 - 60	5	125	11/32, 55 - 60	5	125	11/32, 60 - 65	5	125	11/32, 65 - 70	5	125	11/32, 70 - 75	5	125	11/32, 75 - 80	5	125	11/32, 80 - 85	5
61 - 65 lbs	125	11/32, 60 - 65	5	125	11/32, 60 - 65	5	125	11/32, 65 - 70	5	125	11/32, 70 - 75	5	125	11/32, 75 - 80	5	125	11/32, 80 - 85	5	125	11/32, 85 - 90	5

P = WEIGHT OF POINT (GRAIN)
F = LENGTH OF FLETCHES (INCH)

The table above relates to high performance longbows with Whisper String (Fast Flight, Spectra, Dynafight, Exel) which are NOT center cut.

For longbows with Dacron strings (B 50, B 55), the actual draw weight must be reduced by 5 lbs.

For recurve bows with a Whisper String (Fast Flight, Spectra, Dynafight Exel etc.), increase the actual draw weight by 4 lbs.

For wood or glass laminated bows without an arrow shelf, the actual draw weight must be reduced by 5 lbs.

For bows with a center cut arrows shelf, increase the actual draw weight by 4 lbs.

The recommended spine values are based on the personal experiences and bare shaft tests of BEARPAW PRODUCTS accrued over the course of many years.