



Viper 640 Tuning Chart

Wind Strength in Knots:	0-7	8-11 (Base)	12-15	16-19	20+
Headstay (Using Arc Method from top of band on mast)	52"	52"	52"	52"	52"
Uppers (Full Turns):	-3	24	+3-4 turns	+5-7 turns	+8 turns
Lowers (Full Turns):	-8	Barely Registering	+2 turns	+3 turns	+1 turns
Pre-bend	1"	1.5"-2"	2.5"	3"	3.5"
Spreader Sweep (275mm class minimum)	290-300	290-300	290-300	290-300	290-300
Outhaul (mid-foot from boom)	6"-8"	1"-3"	tight	tight	tight
Upwind Vang Tension	off	off	Snug-tight	max tight	max tight
Jib Lead Position (From aft)	6 holes showing	5-6 holes showing	5 holes showing	5 holes showing	5 holes showing
Jib Luff Tension	wrinkles	wrinkles	slight wrinkles	no wrinkles	tight
Spinnaker Tack Line	tight	eased 1"-3"	tight	tight	tight
Cunningham	wrinkles	wrinkles	wrinkles out	tight	tight

Mast Step: Measure flush from transom where the rudder pylon and floor meet, to rear of mast.

146" for new Rondar Mark III Boats

148" for Bennett and Rondar MKII boats

Arc Method: Pull forestay to mast. Mark forestay with tape to TOP of white mast rigging band. Measure 52" from top of tape to center of forestay pin.

Spreader sweep is measured distance from mast, to a board or line connecting the bearing points of the two spreader tips.

290-300mm = 11.4 to 11.8 inches

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