



NORTH SAILS J/109 Quick Tune Card

Updated Spring, 2010

Base Settings

Rake: Swing Arc- Use jib halyard pulled down to top of black band on mast- swing fwd to mark headstay.	
Distance from mark on headstay to deck at stem.	2260 mm
Cap Shroud Tension	#52 on RT-10 Loos Gauge
D1 Tension	#27 on RT-10 Loos Gauge
D2 Tension	#15 on RT-10 Loos Gauge
J Dimension: Measured from stem to Fwd face of mast.	4050mm
Mast Base: Measured from Fwd face of mast to bulkhead.	460 mm
Pre-Bend: without mainsail hoisted.	20mm

Sail Models

AP Jib (0-15 TWS)	Heavy Jib (16-25 TWS)	AP Spinnaker (0-20 TWS)	Heavy Spinnaker (18-25 TWS)
AP-1	HA-1	2A	4A

Quick Adjustments (turns)- from Base Setting

True Wind Speed	Sail Selection	Cap Shrouds	D1s	D2s
Very Light (0-5 TWS)	AP-1 / 2A	- 3.5	- 3	- 2
Light (6-10 TWS)	AP-1 / 2A	- 3	- 2	- 1
Medium (10-14 TWS)	AP-1 / 2A	Base (52)	Base (27)	Base(15)
Medium -Heavy (15-20 TWS)	HA-1 / 2A	+ 2	+ 1.5	+ 1.5
Heavy (19-21kts)	HA-1 / 4A	+ 3	+ 2	+ 2