



The base of this tuning guide was created with rig modelling and VPP software. It was updated during intense two boat testing and racing in the 2009 Worlds. As the X-35 has a high aspect ratio rig and plenty of sail area, we concentrated in finding a setup with high headstay tension where the rig is mainly adjusted with the headstay turnbuckle, in order to make tuning easy and quick.

Rake is measured top bas to forestay with center halyard to intersection of deck and headstay.

Base trim:

Headstay (rake):	2240mm
V1 (Loos RT-10M)	75
D1 (Loos RT-10M)	40
D2 (Loos RT-10M)	22

BASE

	4-6 kts	6-10 kts	10-12 kts	12-16 kts	16-20 kts	20+ kts
Headstay	-6	-3	0	3	7	10
V1	-2	-1	0	1	2	2
D1	-3	-1	0	1	1	2
D2	0	0	0	0	0	0

Values in the table are full turns in turnbuckle.

Created by:



**SAILINGTEAM
FIN-175**

X.O is powered by:



For additional information please contact:

John@wb-sails.fi or anssi.lyden@rostek.fi