



OLIMPIC SAILS
wings for your dreams



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TUNING GUIDE 2017-1.0

For any question you have on tuning your 420 contact our experts:

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SPAIN | PORTUGAL | USA | TURKEY | IRELAND | CROATIA



Our last generation sails are the result of a big work of research and development during last years of sail tests.

We give you some suggestions to tune properly your 420 in a very short time.

TUNING

MAST STEP

Measured from the inside of the transom to the back of the mast 2815-2830 mm.

SPREADERS

Length of the spreaders is measured from the sidewall of the mast to the center of the shroud, in parallel with the spreader.

SPREADERS	
MAST	LENGTH (mm)
SUPER SPARS	470-475
SELDEN	470-475

RAKE

Measured using a metallic tape measure, the plastic one warp and the measure can be wrong, fixed at the main halyard, hoisting it to the top of the mast and then measuring to the back of the transom with the rig tension on and no chocks inserted.

Attention that these measures are approximate and every team must optimize the rake at its weight.

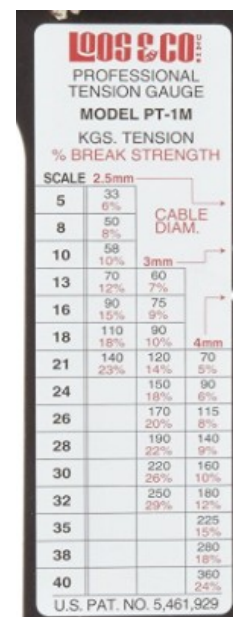
RAKE			
WIND (knots)	RAKE (mm)	PREBEND SUPER SPARS	PREBEND SELDEN
4/9	± 6120	52	52
10/15	± 6070	45	42
16/21	± 6010	52	52

SHROUDS

Tension are measured with a Loos&Co PRO PT 1-M tensiometer and checking your diameter.

TENSION for 3 mm Shrouds		
WIND (nodi)	TENSION	TENSION (kg)
4/9	31	235
10/15	31	235
16/21	30	220

For a different diameter must be used the table on the tensiometer to have the same kg.





FORESTAY

Tension is measured with a Loos&Co PRO PT 1-M tensiometer.

<i>FORESTAY</i>	
<i>WIND (knots)</i>	<i>TENSION</i>
4/9	± 23
10/15	± 23
16/21	± 23

CHOCKS

Chocks are necessary to control the prebend of the mast and the power in the rig.

You should have **10 mm** e **5 mm** chocks to adjust the mast during the regatta.

From the neutral point our suggestion is to increase or decrease maximum 20 mm depending on the weight of the crew.

SAIL CARE

Your sails are built using the best materials available on the market and we check every roll before using it.

We suggest to take care of your sails to have, as longer as possible, the best performances from them, clean with fresh water, dry and roll them before the storage.

CONTACT OLIMPIC SAILS

Olimpic Sails strives in the development and improvement of our sails so if you have any comment or suggestion please don't hesitate to contact us.

Please call us or send an email to **od@olisails.it**.