Racing Lane Line - Official FINA Before Purchase

If anchor point for racing lane line is not flush on the pool wall, please give us the measurement from pool wall to anchor point, before ordering your lane lines.

Material on the racing lane line will be adjusted in function of anchor, and the lane line might benefit from a permanent extender.

Attention: the S-hook measures 7 mm in material thickness, the S-hook design requires an anchor depth of at least 34 mm and a maximum anchor pin diameter of 11 mm.







If your anchor is shallow and has less than en 8 mm opening; please forward photo.



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Racing Lane Line - Official FINA Installation Instructions

According to FINA rules (FR 2.6.1, FR 3.8)



Anchors should be installed to withstand 20kN.



A pratical test is to pus h discs and see that you have about 150-250 mm of bare wire.



A performing Racing Lane Line should be installed and tightened so that the discs "stand up" when there is no turbulence in the water.

This indicates that the discs will be able to move to absorb turbulence and water energy when needed.





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Handling Take-up Reel with the Original Ratchet Wrench

The Take-up Reel of the Racing Lane Line rope requires a tool to lock tensioning into position and to prevent non-authorized tampering. Use only Malmsten Ratchet Wrench to tighten lane lines. For correct tension follow the instructions below.

Tightening lane lines:



1. Wind cable on spool evenly with Malmsten Ratchet Wrench. Move the cylinder three notches at a time.



2. It is important not a overlap the cable.



According to FINA rules

The Take-up Reel shall measure

(FR 2.6.1, FR 3.8)

less than 200 mm.

Distance:



Releasing lane lines:



1. Use only Malmsten Ratchet Wrench to loosen lane lines. Increase lane tension enough to release pressure on locking device.



2. Depress thumb pawl on locking device and allow spool to release tension one notch.



3. Repeat step 2 until tension is completely released by applying the Malmsten Ratchet Wrench and moving the cylinder three notches.

Warning:



WARNING! When reel is under tension never hit thumb pawl with Ratchet Wrench to release catch lock. DO NOT allow reel spool to run free. This will damage teeth on spool and cause backlash of wire. It is also dangerous for the operator.



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Take-up Reel lane line with cover Mounting instructions for replacement

The handling of the Take-Up Reel should only be done with the Original Ratchet Wrench (always included with your purchase). Any other tool may damage the Take-Up Reel.











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Tension Spring for Lane Line Mounting instructions for replacement

