

Sailtrack & Slide System

Monohulls & Multihulls
under 45 feet



system overview

The STRONG® Sail Track and Slide System is a high performance, low-friction mainsail luff track and slide assembly built to handle the increased loads and demands of today's full-batten mainsails. When installed, the mainsail can be raised easily and drop the instant the halyard is released.

The System consists of the ultra low-friction, durable STRONG® Track and an "owner defined" selection of slides and batten receptacles designed for smooth, long-lasting operation. The System is priced on a per-foot basis and shipped via UPS, ready to install.

The STRONG® Track System offers

minimal stack height, less weight aloft and low friction performance rivaling systems costing more than twice as much.

Color: black

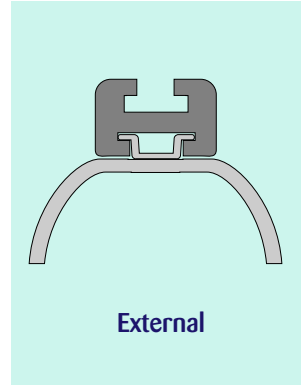
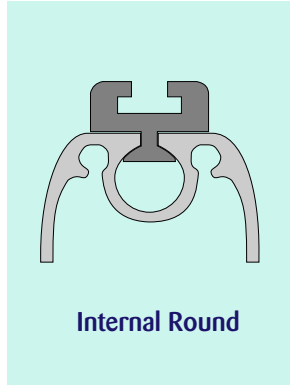
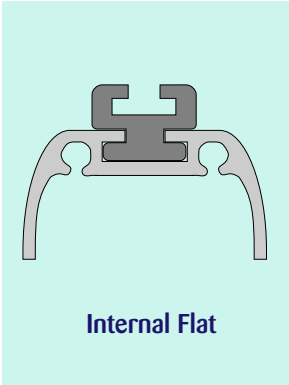


track description

STRONG® Sail Track is machined to size from UHMW-PE. This material has a very low coefficient of friction and is impact, abrasion and wear resistant. The UHMW-PE is not affected by saltwater and is UV stable. It is available in seamless lengths to 65' and can be installed without going aloft. The track is machined to fit each individual mast and will work with flat

or round internal grooves as well as external track. The face side of the track is of standard configuration and accepts various STRONG® fittings and slides.

Profile Variations



slides and fittings description

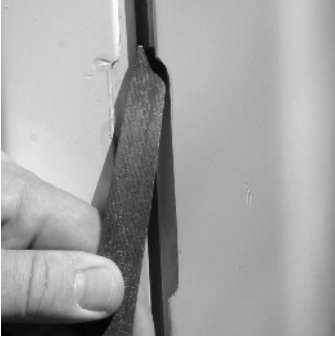
STRONG® Slides are finished to a smooth low-friction surface, eliminating any sharp edges which could cause conventional slides to bind up. They are available in a number of standard sizes and configurations (shown later).

STRONG® Batten receptacles capture the inboard batten end in a secure and durable manner and are attached to a

multi-axis link. This combination allows the batten to rotate freely while being raised or lowered. Batten receptacles are available in two sizes. Each receptacle accepts round and flat battens. If needed, the STRONG® Track System can accept batten fittings from SDA, Battslide (original and Type II), Aquabatten and many others.

installation overview

The following is a description of a typical internal-style installation:



1 As necessary, file the edges of the mast gate opening until they are smooth-particularly the upper inside edges.

2 Remove the STRONG® Sail Track from its box. Remove the first three or four tie wraps which secure the top end. Do not remove tie wraps all at once.



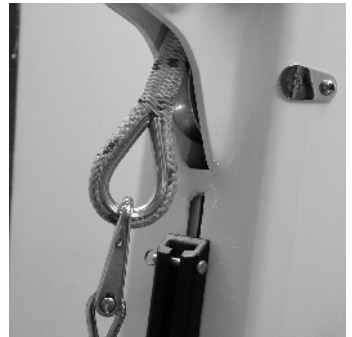
3 Pre-bend the first few feet of the track (by stepping on it and holding for 30 seconds) curved in the same direction as the rest of the coil.



4 Slide the top of the track through the mast gate on centerline and guide upwards. Once the track is started, remove the other tie wraps in sequence as needed.



5 Continue sliding the track upwards in short strokes until reaching the end.



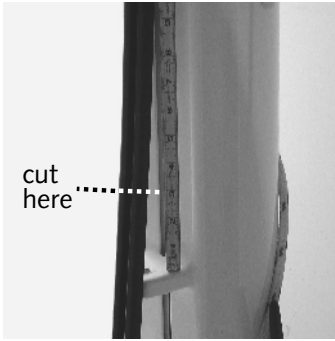
6 Pull the track down 1 to 2 inches from this point. Make certain the top of the track is clear of any masthead fittings.



7 Press bottom of track against mast to determine cut off point (minimum of 3 inches above gooseneck).



10 Install the quick pin through the stainless steel cover and track beneath it.



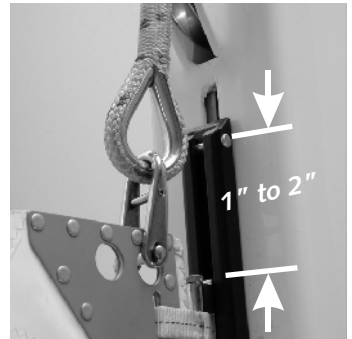
8 Cut the track at the mark (hacksaw included with the system hardware).

11 For internal Tracks: Position the backing plates in the luff groove and tighten-drawing the end of the track firmly against the mast.

For external tracks: Fasten the track to the mast using the hardware provided. Specific instructions are included with each track system.

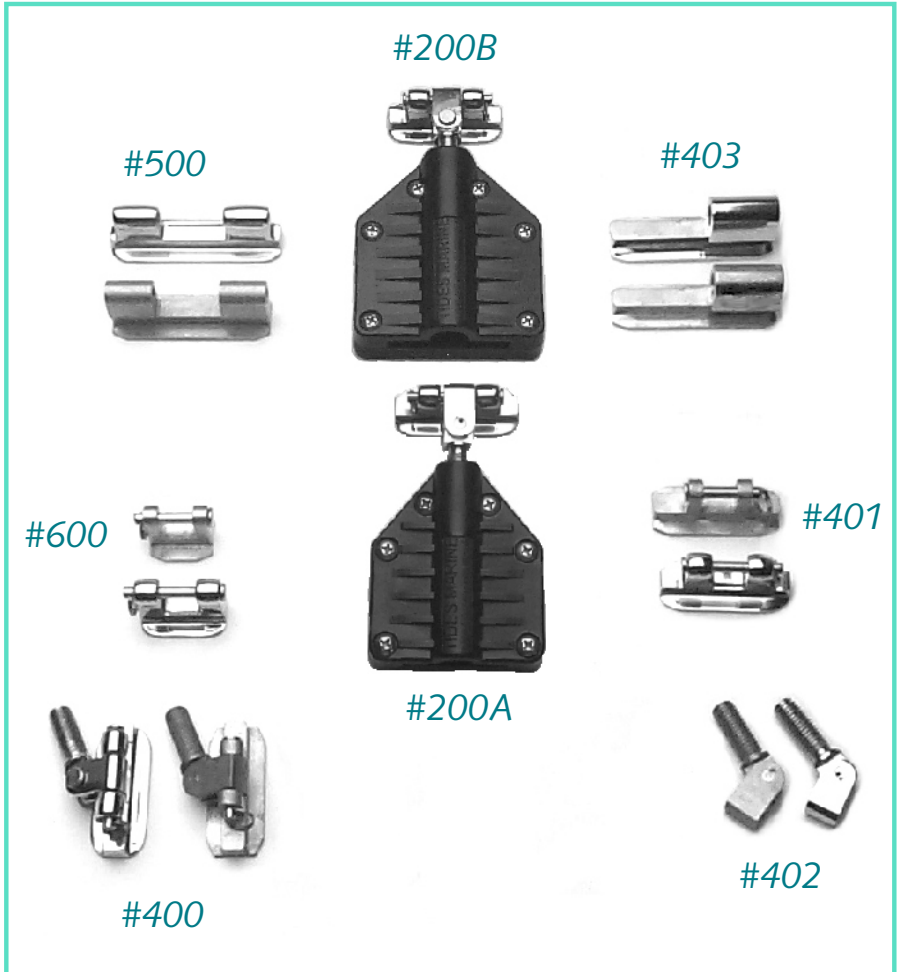


9 Place the stainless cover over the cut end of the track and clamp in place. Using the holes in each side of the cover as guides, drill a 1/4 " hole (bit provided) through the track.



12 Raise mainsail and check that the headboard slide does not contact the quick pin at the top of the track. There should be 1" to 2" clearance. If necessary adjust the track position.

component hardware



Above are the available slides and fittings for the STRONG® Sailtrack System. Each component is designed and manufactured specifically for use with the STRONG® Track. Slide components are available in either stainless steel or naval brass as shown.

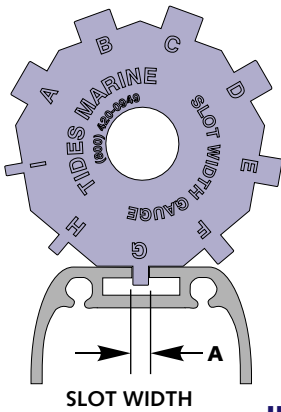
Slide Stack heights: #600- 1.5"
#401- 2"
#500- 3"

200A -accepts Flat Battens to 1-5/8"
-accepts Round Battens to 1/2"
200B -accepts Flat Battens to 2"
-accepts Round Battens to 5/8"

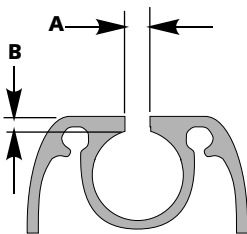
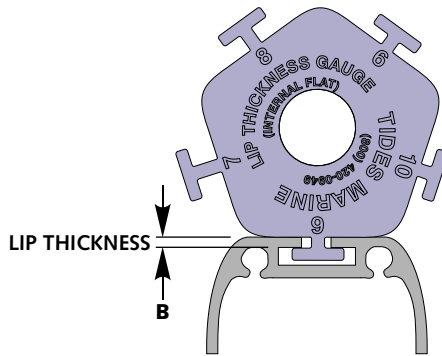
before ordering

Prior to placing your order, you must determine the size and style of the mast groove (width "A" and lip thickness "B"), or width of existing external track "F". Tides will send you a set of measurement discs which were developed for this purpose (see below).

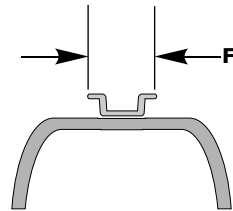
Each disc has a series of gauged studs which correspond to the most common mast groove configurations. The discs with numbered studs are for determining slot lip thickness. Lettered discs are for determining slot width.



INTERNAL FLAT



INTERNAL ROUND

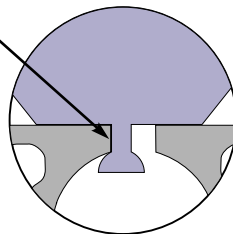


EXTERNAL

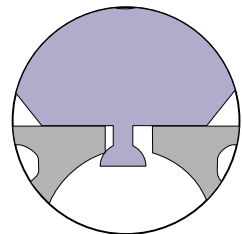
NOTE*

When measuring the lip thickness of internal round styles, be sure the gauge is in contact with the lip surface without any gaps as shown.

NO GAP



CORRECT



INCORRECT



- 1** Using the lettered disc, choose the stud which fits in the mast slot with the least amount of side-to-side play.



- 2** Move the stud up the mast groove as far as you can reach to ensure that the slot width is uniform.

- 3** Once you are satisfied that you have the proper match, list the letter on the order form.



- 4** Using one of the numbered discs, choose the stud which fits inside your groove with the least amount of fore-and-aft play. The flanged stud end may be inserted through the mast gate or anywhere along the groove by first turning it 90°.

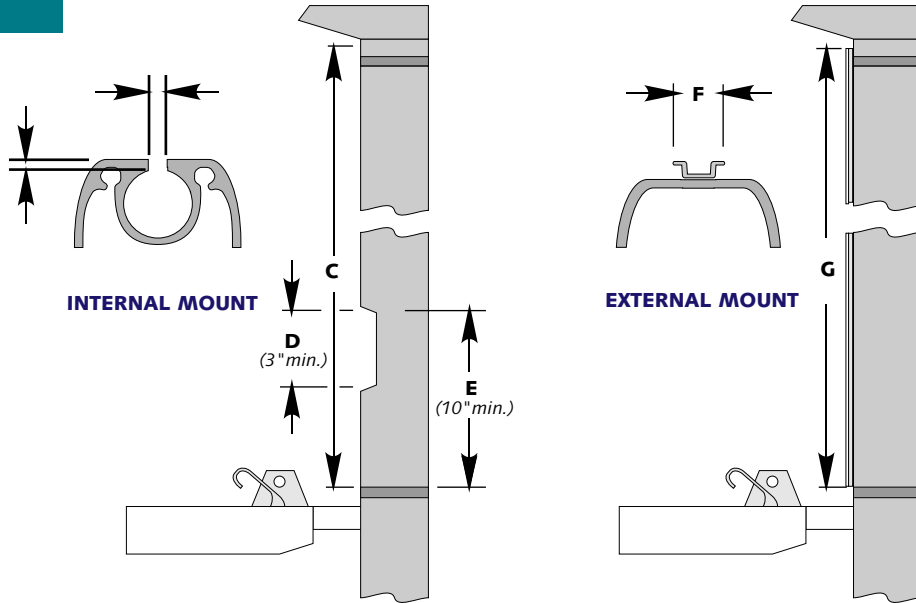


- 5** As before, check the fit in several places to ensure consistent size. List the number on the ordering page as well.

- 6** For external track applications, supply the width of the existing track to the nearest 1/16 inch.



orderform



TRACK INFORMATION

A- Slot Width (Letter from disc)	
B- Lip Thickness (Number from disc)	
C- Top-to-bottom of sailtrack groove	
D- Length of mast gate	
E- Top of mast gate to bottom of groove	
E- Top of mast gate to bottom of groove	
F- Width of existing track- (external)	
G- Length of existing sailtrack-(external)	

SLIDES & FITTINGS

PART #	QTY	PART #	QTY
200A		401*	
200B		402*	
800A		403*	
800B		500*	
400*		600*	
400*		600*	

* Available in:

Stainless Steel Naval Brass Carbon Matrix
(circle one)

BOAT INFORMATION

Boat Builder		Current Slide Size (Flat)	
Model		Current Slide Size (Round)	(circle one) 3/8" or 1/2"
Year Built		Mast Manufacturer	
Hull I.D.		Mast Model	

ORDERING INFORMATION

Loft	
Contact Name	Boat Owner
Address	Address
Phone ()-	Phone ()-
Fax ()-	Fax ()-

SHIPPING

Needed By	/ /
Overnight	
Two Day	
Three Day	
Ground	
COD	

PAYMENT INFORMATION

CREDIT CARD (circle one)	DISCOVER#	VISA#	MASTERCARD#	AMEX#
EXPIRATION DATE / /				
PO. #				

ORDER TOLL FREE (800) 420 0949 ORDER FAX (954) 420 5234

E- Top of mast gate to bottom of groove
 F- Width of existing track- (external)
 G- Length of existing sailtrack-(external)

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COD	

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