

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 dropped 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



1

File the edges of the mast gate opening until they are smooth.



3

Pre-bend the first few feet of the track



2

Remove first few tie-wraps from the outside of the wound track.



4

Slide the top of the track into the mast gate. Remove the tie-wraps as needed.



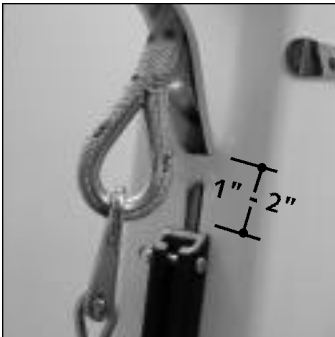
5

Slide track into luff groove until it reaches the masthead.



7

Position the backing plates in the luff groove and tighten.



6

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



8

Raise mainsail. Be sure sail does not contact the quick pin.

component hardware

Below 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.



#200A Small Batten receptacle w/ #400 slide(accepts flat battens to 1-5/8" wide, round to 1/2" dia.)

#200B Large Batten receptacle w/#400 slide (accepts flat battens to 2" wide, round to 3/4" dia.)

#400 2" slide w/ universal joint & 10mm stud

#401 2" Reef slide

#402 Universal joint w/ 10mm stud

#403 slide to accept original Battslide receptacles

#500 3" Headboard slide

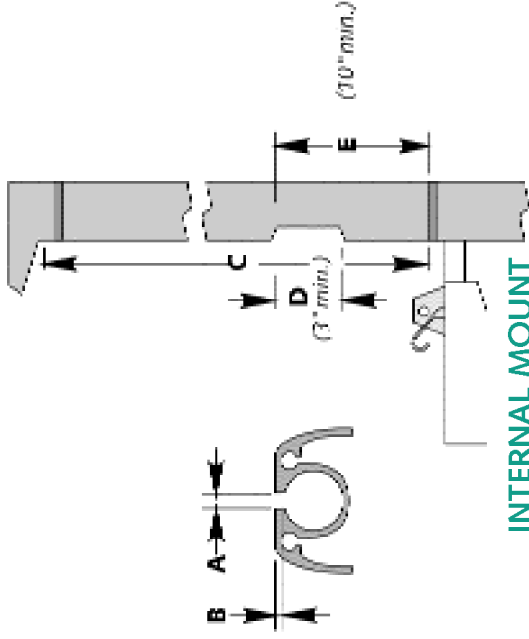
#600 1" Luff slide

Slide Stack heights: #600 - 1 1/2"

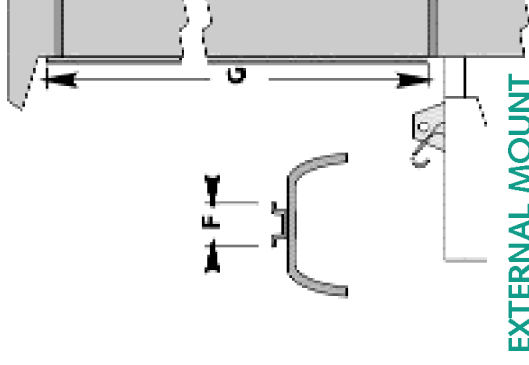
#401 - 2"

#500 - 3"

order form



INTERNAL MOUNT



EXTERNAL MOUNT

TRACK INFORMATION

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

SLIDES & FITTINGS

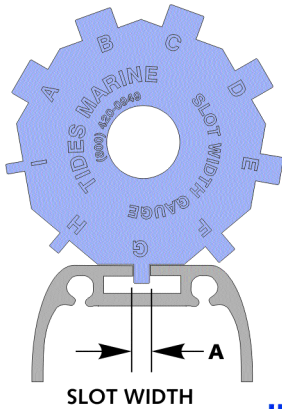
PART #	QTY	PART #	QTY
200A		401	
200B		402	
		403	
		500	
		600	

Stainless Steel Naval Brass
(Circle One)

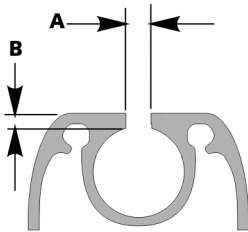
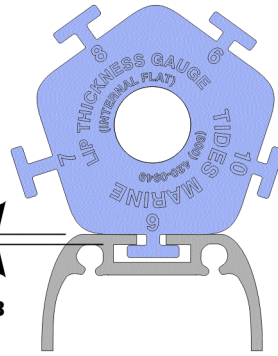
before ordering

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 disks which were developed for this purpose (see below).

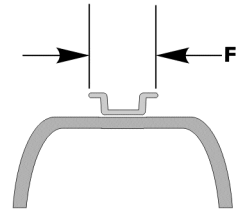
Each disk has a series of gauged studs which correspond to the most common mast groove configurations. The disks with numbered studs are for determining slot lip thickness. Lettered disks are for determining slot width.



INTERNAL FLAT



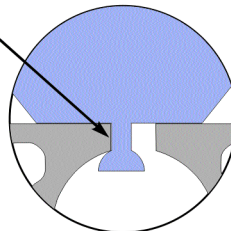
INTERNAL ROUND



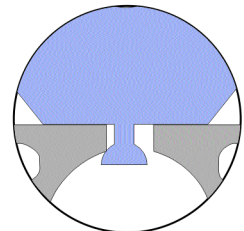
EXTERNAL

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 disk, 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.