

TRANSATLANTIC MAINSHEET SYSTEM

General

The Transatlantic mainsheet system is built up of modules making it easy to adapt to different boat types and equipment requirements. Becketts, sheaves and cleats can be moved between end stops and travellers and combined in different ways. This enables you to successively build up a more advanced deck system.

Transatlantic mainsheet travellers are fitted with the unique Roll-Link chain. This comprises linked rollers, which divide forces over a considerably larger surface than do standard ball bearings. Strain on materials is importantly reduced and Transatlantic mainsheet travellers take much larger loads than travellers running on ball bearings. Fitting is very easy - the Roll-Link chain is an all-in-one unit.

All travellers from Rutgerson are fitted with either a stand-up fastening or with a sturdy shackle. The stand-up fastening is designed so that the block is always kept upright, even when unloaded. Changing between the shackle and stand-up is fast and easy.

There are two Transatlantic mainsheet system variations:

- Travellers for fitting to the mainsheet track with through holes and spring-loaded plunger stoppers (see illustration on right). There are four dimensions for tracks with through holes: 32 mm standard and 32 mm high beam plus 50 mm standard and 50 mm high beam.
- Travellers for fitting to mainsheet track with concealed fastening and control end stop (see illustration on right). There are four dimensions for track with concealing fastenings: 32 mm standard and 32 mm high beam plus 50 mm standard and 50 mm high beam.

Maintenance

Apart from rinsing down the fittings with fresh water occasionally, the transatlantic genoa sheet system requires no maintenance.

Warranty

All deck fittings from Rutgerson Marin carry a three year warranty against defects in materials manufacture.

MAINSHEET TRAVELLER ON TRACK WITH STOP HOLES

1. Fitting mainsheet track with stop holes:

If the track to be fitted is beam track, begin by reading the instructions on the last page. Then continue according to the instructions on this page.

Mark out and drill holes for screw (M6 for 32 mm track and M8 for 50 mm track).

Apply sealant around holes. Place Rutgerson cup washers over the sealant.

Push in the screws (For 32 mm track: stainless steel, flush M6 screws, DIN 963, 965. For 50 mm track: stainless steel, flush M8 screws, DIN 963, 965) into the track holes, through the sealing washers and into the drilled holes.

Fit washers and tighten nuts on the inside of the hull.

2. Fitting the plunger stopper:

Pull up the spring loaded knob and slide the plunger stopper onto the track (2A).

When the knob is released, the plunger stopper locates into the track hole.

3. Fitting the mainsheet traveller:

Apply the Roll-Link chains to the inside of the traveller (3A) and slide the traveller onto the track.

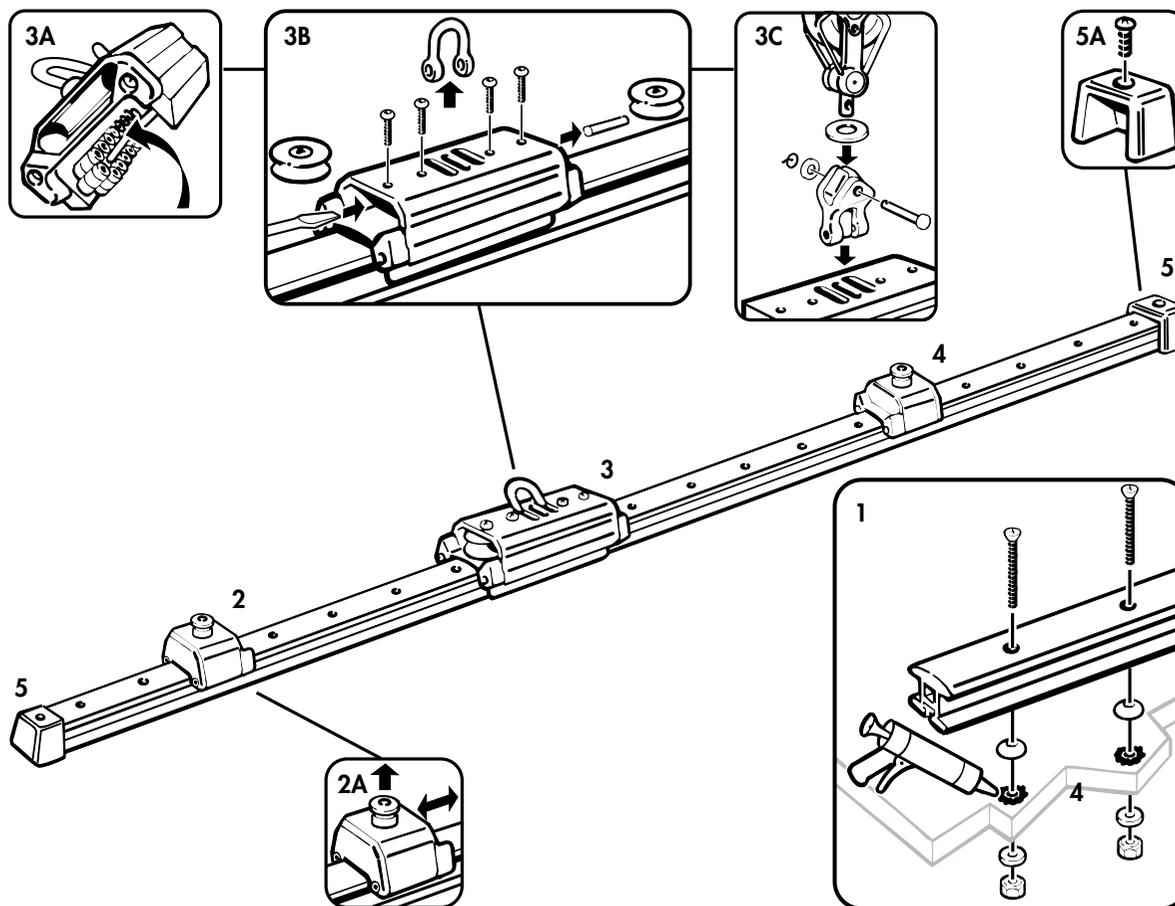
There are travellers with shackles and travellers with stand-up fastenings. It is easy to change over from shackle to stand-up and vice versa (3B). When the stand-up is used, a sliding washer is fitted between this and the block (3C).

4. Fitting the end stopper:

Fit as per step 3.

5. Fitting the plastic end stop:

Screw the plastic end stop into both ends of the track (5A).



Rutgerson Marin AB®

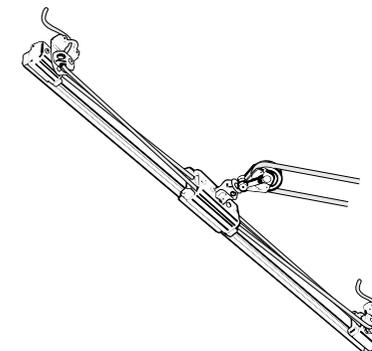
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USER'S MANUAL FOR TRANSATLANTIC MAINSHEET SYSTEM

RUTGERSON
Best in action

MAINSHEET TRAVELLER ON TRACK WITH CONCEALED FASTENINGS

1. Fitting mainsheet track with concealed fastenings:

If the track to be fitted is beam track, begin by reading the instructions on the last page. Then continue according to the instructions on this page.

Slide the screw heads along the groove of the bottom of the track (For 32 mm track: stainless steel M6 hexagon screws, DIN 931 and for 50 mm track: stainless steel M8 hexagon screws, DIN 931)

Mark out holes (recommended max. distance between screws is 75 mm (2.95 in) and drill.

Apply sealant around holes. Place Rutgerson cup washers over the sealant.

Slide bolts into track groove and locate into drilled holes.

Fit washers and tighten nuts on the inside of the hull.

2. Fitting the control end stop:

Fit the control end stop at one end of the track (2A).

Unscrew the three upper screws, push the control end stop over the track until the end stop piece lies against the track.

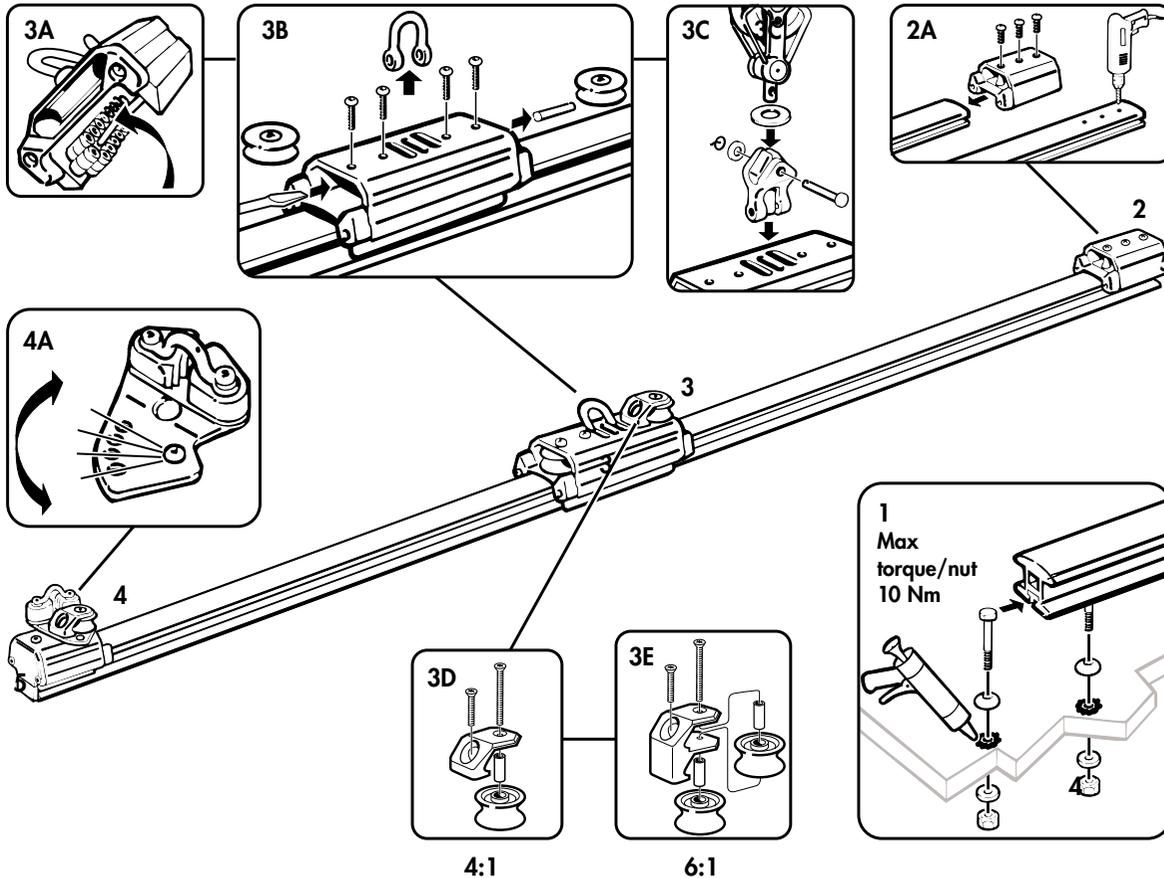
Tighten the screws so they leave a mark in the track. Then remove the control end stop and drill 6 mm holes into the track.

Slide on the control end stop again and fasten with the three screws into the holes on the track.

3. Fitting the mainsheet traveller:

Apply the Roll-Link chains to the inside of the traveller (3A) and slide the traveller onto the track.

There are travellers with shackles and travellers with stand-up fastenings. It is easy to change over from shackle to stand-up and vice versa (3B). When the stand-up is used, a sliding washer is fitted between this and the block (3C).



Some fitting alternatives:

The Transatlantic mainsheet system is built up of modules so that becketts, sheaves and cleats can be moved around and complemented with components for various ratio requirements. Here are some alternative fitting options: For travellers; single sheave, ratio 4:1 (3D) and double sheave, ratio 6:1 (3E). For control fittings:

single sheave with cleat, adjustable to four positions (4A). Fitting of extra sheave and/or cleat to be conducted simultaneously when fitting end stop (step 2). The long screws included should then be used.

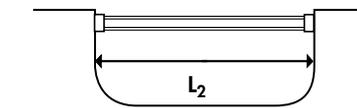
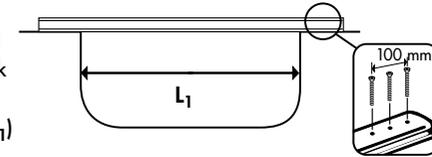
On the last page of this folder you will find how control ropes are fitted according to ratio alternative.

FITTING BEAM TRACK

Fitting as per figure A

Use at least 3 screws per 100 mm and large washers on each side of the track when fitting to the cockpit bench.

Track type	Maximum span (L ₁)
32 mm Standard	600 mm
32 mm High Beam	800 mm
50 mm Standard	600 mm
50 mm High Beam	1000 mm



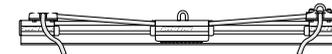
Fitting as per figure B

Fitting using special Rutgerson fittings.

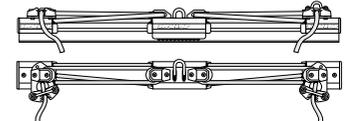
Track type	Maximum span (L ₂)
32 mm Standard	500 mm
32 mm High Beam	650 mm
50 mm Standard	-
50 mm High Beam	-

RATIO ALTERNATIVES, FLOATING MAINSHEET SYSTEM

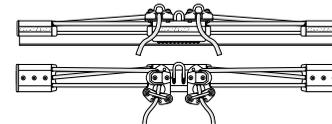
Ratio 2:1



Ratio 4:1



Ratio 3:1



Ratio 6:1

