

# Track facts

Information required for order custom bent tracks  
One track only per form

Rig data	
Sales manager	
Item no.	

595-952-E  
2012-10-02

## A.

Yacht: \_\_\_\_\_ Customer: \_\_\_\_\_

Address: \_\_\_\_\_

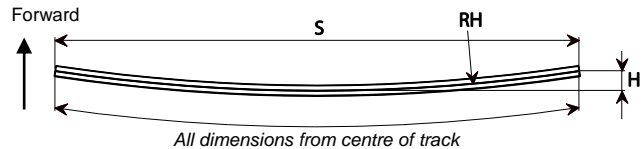
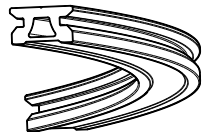
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Track application: \_\_\_\_\_

\* Main track, Genoa track, self tacker track etc.

## B.

### 1. Horizontal bend, ends forward



#### Specify S, RH or H

S\* (Track width) =  mm  
 RH (Horizontal radius) =  mm  
 H (Curv height) =  mm

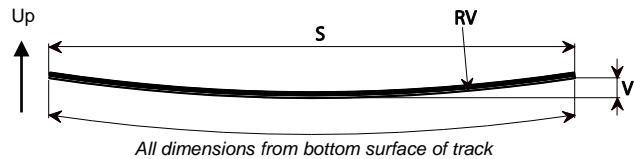
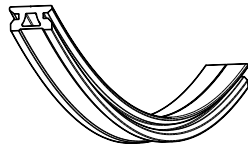
\* For reduction of end stop, see page 3.

Choose size and type of track. Fill in the correct check box.

	22	30	42
Standard	<input type="checkbox"/> 442-001-90	<input type="checkbox"/> 443-001-90	<input type="checkbox"/> 444-001-90
Pin stop	<input type="checkbox"/> 442-002-90	<input type="checkbox"/> 443-002-90	<input type="checkbox"/> 444-002-90
High beam	<input type="checkbox"/> 442-011-90	<input type="checkbox"/> 443-011-90	-
Max S (mm)**	1500	2500	3500

\*\* If required length extends max S, please contact Seldén Mast AB for availability and prices.

### 2. Vertical bend, ends up (+V) Vertical bend, ends down (-V)



#### Specify S, RV or V

S\* (Track width) =  mm  
 RV (Vertical radius) =  mm  
 V (Curv height) =  mm

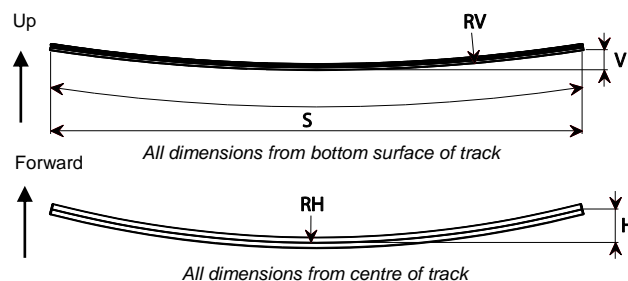
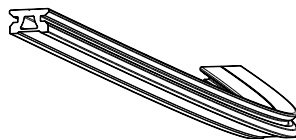
\* For reduction of end stop, see page 3.

Choose size and type of track. Fill in the correct check box.

	22	30	42
Standard	<input type="checkbox"/> 442-001-91	<input type="checkbox"/> 443-001-91	<input type="checkbox"/> 444-001-91
Pin stop	<input type="checkbox"/> 442-002-91	<input type="checkbox"/> 443-002-91	<input type="checkbox"/> 444-002-91
High beam	<input type="checkbox"/> 442-011-91	<input type="checkbox"/> 443-011-91	-
Max S (mm)**	1500	2500	3500

\*\* If required length extends max S, please contact Seldén Mast AB for availability and prices.

### 3. Double bend



#### Specify S, RH, RV or S, H, V

S\* (Track width) =  mm  
 RH (Horizontal radius) =  mm  
 H (Curv height) =  mm  
 RV (Vertical radius) =  mm  
 V (Curv height) =  mm

\* For reduction of end stop, see page 3.

Choose size and type of track. Fill in the correct check box.

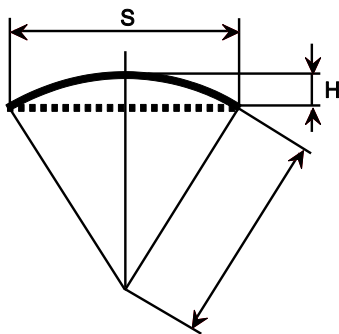
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Standard	<input type="checkbox"/> 442-001-92	<input type="checkbox"/> 443-001-92	<input type="checkbox"/> 444-001-92
Pin stop	<input type="checkbox"/> 442-002-92	<input type="checkbox"/> 443-002-92	<input type="checkbox"/> 444-002-92
High beam	<input type="checkbox"/> 442-011-92	<input type="checkbox"/> 443-011-92	-
Max S (mm)**	1500	2500	3500

\*\* If required length extends max S, please contact Seldén Mast AB for availability and prices.

## Minimum radius cars

Track size	Car	Length	R <sub>H</sub> Ends fwd.	R <sub>V</sub> Ends up
22	442-139-XX	90	2000	2000
	442-101-XX	140	4000	3500
30	443-139-XX	117	2500	2500
	443-101-XX	164	5000	5000
	443-301-XX			
	443-300-XX	203	t.b.a	t.b.a
	443-302-XX	238	t.b.a	t.b.a
42	444-139-XX	144	5000	5000
	444-152-XX	189	7500	7500
	444-101-XX	249	10000	10000

- A car running on a bent track will have reduced working load. The curve on the track will distribute the load unevenly on the balls in the cars.
- A minor curve can be made when fixing the track to the deck, by forcing the track by hand.
- The length of the car is an important factor for how a curved track system works. A shorter car will perform better than a longer.
- Not all combinations of track and radius can be made.
- The dimensions S, R and H (or V) can be calculated from the following equations.



$$R = \frac{S^2 + 4H^2}{8H}$$

$$S = 2 \sqrt{H (2R - H)}$$

$$H = R - \frac{\sqrt{4R^2 - S^2}}{2}$$

Please check and sign this form and return it to Seldén.

.....  
Signature, order only

.....  
Blockletters

.....  
Date

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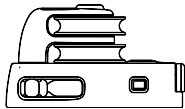
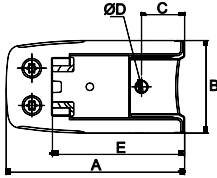
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## END CONTROL

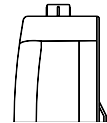
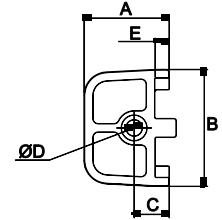
Art. No.	A	B	C	ØD	E	Fasteners <sup>1)</sup>
442-112-01/-02/-03/-04	87	40	23	5.2	53	1xM5
443-112-01/-02/-03/-04	100	52	24	6.2	74	1xM6 <sup>1)</sup>
444-112-01/-02/-03/-04	126	70	31	10.2	81	1xM10 <sup>1)</sup>

<sup>1)</sup>Countersunk



## HIGH BEAM ADAPTOR

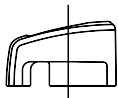
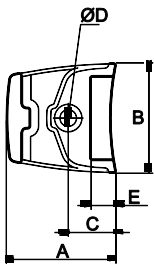
Art. No.	A	B	C	ØD	E
442-135	40	37	30	5.2	20
443-135	36	50	15	7.2	6
444-135	64	70	41	10.	25



## END CAP

Art. No.	A	B	C	ØD	E	Fasteners <sup>1)</sup>
442-105	36	33	14	5.2	8	1xM5
443-125	41	41	18	6.2	9	1xM6
444-127	44	51	30	10.2	13	1xM10

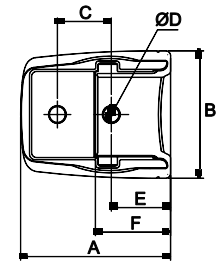
<sup>1)</sup>Countersunk



## END STOP SELF TACKING

Art. No.	A	B	C	ØD	E	F	Fasteners
442-138-01	51	40	18	5.2	23	45	2xM5
443-142-01	61	52	22	6.2	24	31	2xM6 <sup>1)</sup>
444-138-01	78	70	30	10.2	31	42	2xM10 <sup>1)</sup>

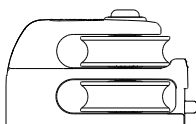
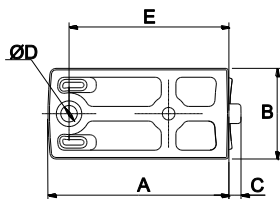
<sup>1)</sup>Countersunk



## END CONTROL GENOA

Art. No.	A	B	C	ØD	E	Fasteners <sup>1)</sup>
442-103-01	60	30	4	5,5	53	1xM5
443-124-01	71	45	10	6.2	62	1xM6

<sup>1)</sup>Countersunk



## END CONTROL PERFORMANCE

Art. No.	A	B	C	ØD	E
443-303-01/-02	89	53	34	8.2	63
443-304-02	124	53	69	8.2	98

Fasteners included. M8 screw to be threaded in the track.

