

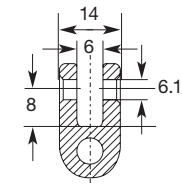
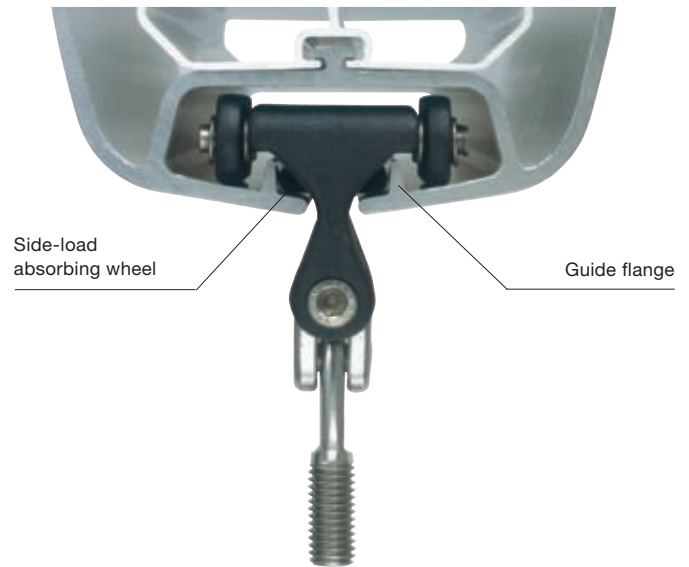
# The MDS full-batten concept for C-sections

## Full support in all directions

As the name implies, Seldén's MDS (Multi-Directional Support) cars are supported in all directions, making sail handling simpler. A full batten always creates a side load on the cars, particularly when you release the halyard for taking a reef. Each car has side-load absorbing wheels that run against the guiding flanges in the luff groove. The interaction between the mast section and the MDS car deals with longitudinal loads, as well as side loads. This is the essence of the MDS concept. Since the cars need no external track, there is also less weight aloft.

The MDS cars are easy to keep clean and are easy to install or remove from the luff groove.



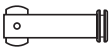




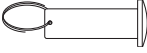


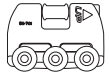






The MDS system is a suitable complement to the Seldén Single Line Reef boom. With such a combination on board, you have a simple and easily manoeuvred system for handling the mainsail in all weathers.



- 1) Breaking load 4 kN.
- 2) Breaking load 6 kN.
- 3) Breaking load 9 kN.
- 4) Breaking load 13.5 kN.
- 5) Breaking load 25 kN.
- 6) Measurement see: Fig 1.

Fig 1.  
Art. No. 511-723.

## Parts and RM-limits

Mast section	Assembly Art. No.	Max RM kNm				Parts Art. No.	Parts Art. No.	
		Monohull Mast-head	Fractional	Multihull Mast-head	Fractional			
Head-board	C156, C175 C193, C211 C227, C245	 511-707-01	90	70	122	95	 511-707	 166-234-01
	C264 C285 C304	 511-708-01	160	120	215	162	 511-708	
	C321 C365	 511-728-01	250	200	335	270	 511-728	 165-504-01
Head-board car	C156 C175 C193	 511-702-04 <sup>1)</sup>	55	40	75	54	 511-702-02	 511-702-02
	C211 C227 C245	 511-701-04 <sup>2)</sup>	90	70	122	95	 511-707-01	
	C264 C285 C304	 511-701-06 <sup>3)</sup>	160	120	215	162	 511-708-01	
	C321 C365	 511-730-06 <sup>4)</sup> 511-731-06 <sup>5)</sup> (MDS 80HD)	250	200	335	270	 511-728-01	

## MDS 45



Headboard assembly,  
Art. No. 511-702-04.



Full-batten car,  
Art. No. 511-702-03.



Intermediate sail car,  
Art. No. 511-702-02.  
Incl. bushing for webbing,  
Art. No. 511-719.

## MDS 68



Headboard assembly,  
Art. No. 511-701-04.



Full-batten car,  
Art. No. 511-701-03.



Intermediate sail car,  
Art. No. 511-701-02.  
Incl. bushing for webbing,  
Art. No. 511-719.

## MDS 80/MDS 80 HD


















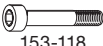




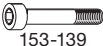




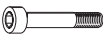
Headboard assembly,  
Art. No. 511-730-06.  
Art. No. 511-731-06 MDS 80 HD.



Full-batten car,  
Art. No. 511-730-03/511-730-09.  
Art. No. 511-731-03/  
511-731-09 MDS 80 HD.



Intermediate sail car,  
Art. No. 511-730-02.  
Art. No. 511-731-02 MDS 80 HD.

Mast section		Assembly Art. No.	Max RM kNm				Parts Art. No.	Parts Art. No.
			Monohull		Multihull			
			Mast-head	Fractional	Mast-head	Fractional		
Batten car	C156 C175 C193	 511-702-03	90	70	122	95	 511-702-02	 511-712-01 (M10)
		 511-702-08						 511-723 <sup>(6)</sup>
	C211 C227 C245 C264 C285 C304	 511-701-03	160	120	215	162	 511-701-02	 511-712-01 (M10)
		 511-701-08					 511-723 <sup>(6)</sup>	
	C321 C365	 511-730-03 (M10) 511-730-09 (M12) 511-731-03 (M10) (MDS 80HD) 511-731-09 (M12) (MDS 80HD)	250	200	335	270	 511-730-02 511-731-09 (MDS 80HD)	 511-727-02 (M10) 511-727-01 (M12)
Sail car	C156, C175, C193 C211, C227, C245 C264, C285, C304	 511-702-02	90	70	122	95	 511-702-01	 153-118
		 511-701-02 <sup>(2)</sup>						 511-719*
	C211, C227 C245, C264 C285, C304	 511-701-01	160	120	216	162	 511-701-01	 153-139
		 511-730-01 511-731-01 (MDS 80HD)	250	200	335	270	 511-730-01 511-731-01 (MDS 80HD)	 511-719*
	C321 C365	 511-730-02 511-731-02 (MDS 80HD)					 153-139	