

# Serie Steel

## 45T

### Cable Chains in Bright Zinc Plated Steel

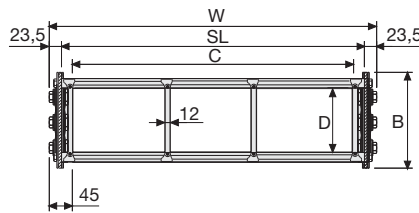
#### Inner height (D) 182 mm

Double share link construction.  
Triple-ribose fixing and standard large washer and nylon anti-friction disk to assure smooth and durable movement.  
Un-screwable Alu-draw frames (T) are standard mounted and every link.  
Alu-drilled plates (TL) are mounted every second link with an Alu-draw frames every other link.  
Separator systems available.  
Also available in Stainless Steel.

#### Technical characteristics when self-supported

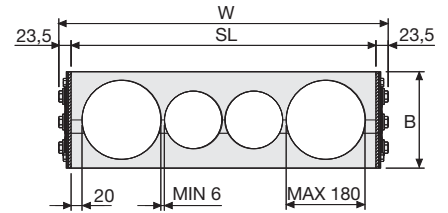
Speed	0,5 m/s
Acceleration	2 m/s <sup>2</sup>

For higher requirements please consult our technical dept.



#### Separator

- Unassembled Part.no ST4500C
- Assembled Part.no ST4500CMC



#### Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
390	220	300	182	400-600-800-1000-1250-1500	40,97	45T300□□□*
440	220	350	182	400-600-800-1000-1250-1500	41,31	45T350□□□*
490	220	400	182	400-600-800-1000-1250-1500	41,64	45T400□□□*
540	220	450	182	400-600-800-1000-1250-1500	41,97	45T450□□□*
590	220	500	182	400-600-800-1000-1250-1500	42,30	45T500□□□*
690	220	600	182	400-600-800-1000-1250-1500	42,97	45T600□□□*
C+90	220	....	182	400-600-800-1000-1250-1500		45T□□□□□**

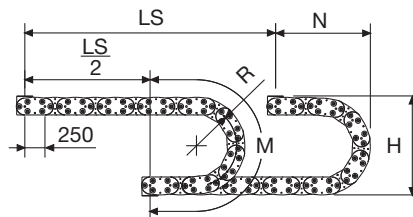
\*Complete the code by inserting the value of the radius (R): Ex. 45T300 □ □ □ □

\*\*Complete the code by inserting the value of the quote C and the radius (R): Ex. 45T □ □ □ □ □ □ □ □

#### Aluminium Split Cross Piece Created by Design

W	B	R	Chain
mm	mm	mm	Part Number
SL+47	220	400-600-800-1000-1250-1500	45TL □ □ □ □ □ □ □ □ ***

\*\*\*Complete the code by inserting the value SL and the radius (R): Ex. 45TL □ □ □ □ □ □ □ □ □ □

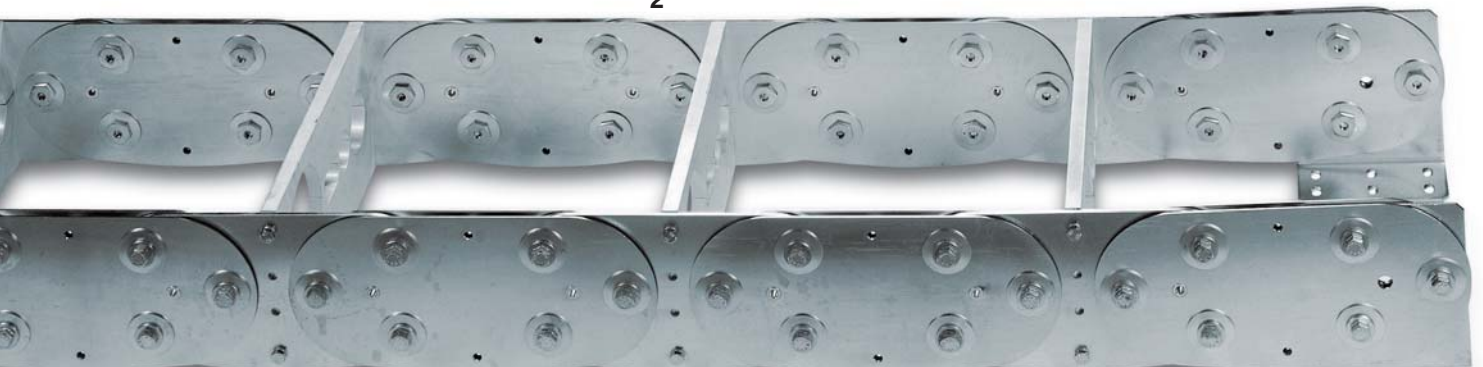


Length of chain (L)  
Half travel distance ( $\frac{LS}{2}$ )  
plus length of curve (M)

$$L = \frac{LS}{2} + M$$

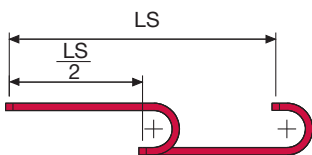
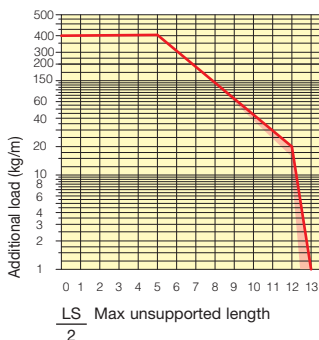
R	H*	N	M
mm	mm	mm	mm
400	1060	770	1760
600	1460	970	2390
800	1860	1170	3020
1000	2260	1370	3650
1250	2760	1620	4430
1500	3260	1870	5220

\* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dptm.



### Self-Supporting Capacity Diagram

The maximum length of the self-supporting capacity ( $\frac{LS}{2}$ ) in relationship to the weight of the cables and hoses contained per linear metre.



The red marking in the diagram area considers the difference of weight between various widths of chains assembled with aluminium draw plates every second pitch.

For applications with  $\frac{LS}{2}$  and weights not included in the area of the diagram showing self-supporting capacity, verify the possible use of support rollers (see page 30).

### Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

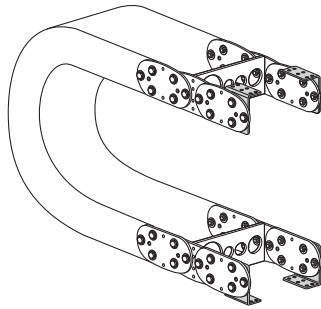
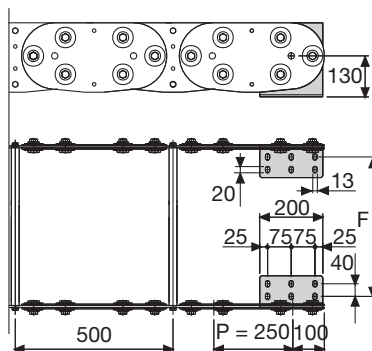


Fig. A  
Chain fixed outside the radius. (Fig A)  
See end brackets mounting variations page 31.



Chain Type	F mm
45T300	285
45T350	335
45T400	385
45T450	435
45T500	485
45T600	585

Special widths F=W-105

### Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
45...	A4500KM □ **

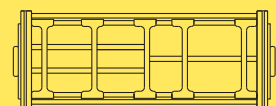
Complete Set Unassembled	
Chain Type	End Brackets Set
45...	A4500K

\*\* 1=Pos.1; 2=Pos.2; 3=Pos.3  
See end brackets mounting variations page 31.

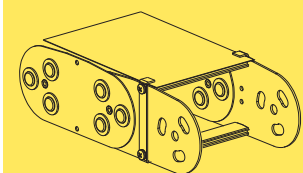
### Serie Steel

## 45T Cable Chain in Bright Zinc Plated Steel

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Supplementary movable separators.



Steel laminar cover.

For further information please consult Brevetti Stendalto's Technical Office