

Serie Steel

BS4500

Cable Chains in Bright Zinc Plated Steel

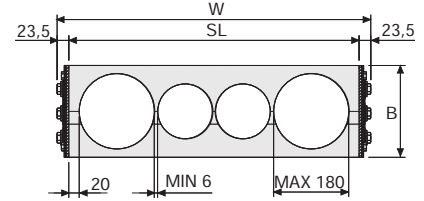
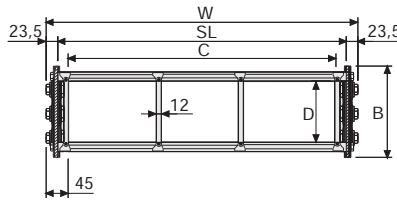
Inner height (D) 182 mm

Double share link construction.
Triple-rivet 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 ²

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 mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
390	220	300	182	400-600-800-1000-1250-1500	46,5	4500T300□□□*
440	220	350	182	400-600-800-1000-1250-1500	47,5	4500T350□□□*
490	220	400	182	400-600-800-1000-1250-1500	48,5	4500T400□□□*
540	220	450	182	400-600-800-1000-1250-1500	49,0	4500T450□□□*
590	220	500	182	400-600-800-1000-1250-1500	49,5	4500T500□□□*
690	220	600	182	400-600-800-1000-1250-1500	51,0	4500T600□□□*
C+90	220	182	400-600-800-1000-1250-1500		4500T□□□□□**

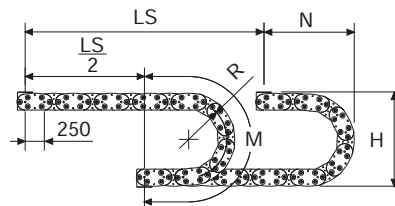
*Complete the code by inserting the value of the radius (R): Ex. 4500T300 □□□□

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 4500T □□□□□□□□

Aluminium Split Cross Piece Created by Design

W mm	B mm	R mm	Chain Part Number
SL+47	220	400-600-800-1000-1250-1500	4500TL □□□□□□***

***Complete the code by inserting the value SL and the radius (R): Ex. 4500TL □□□□□□□□



Length of chain (L)

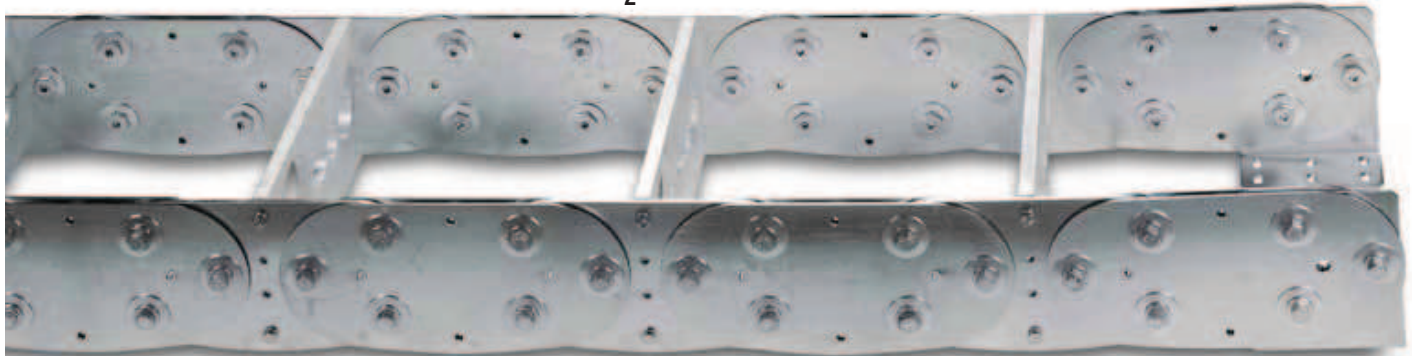
Half travel distance ($\frac{LS}{2}$)

plus length of curve (M)

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

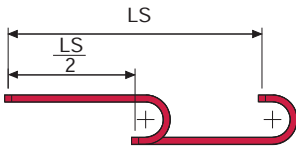
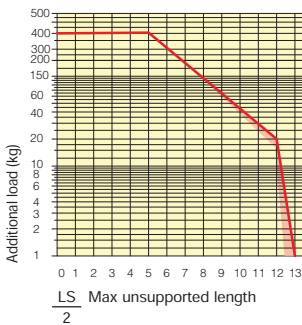
R mm	H* mm	N mm	M mm
400	1060	770	1760
600	1460	970	2390
800	1860	1170	3020
1000	2260	1370	3650
1250	2760	1620	4430
1500	3260	1870	5220

* 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.

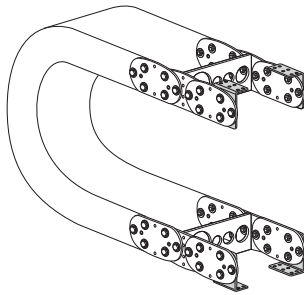
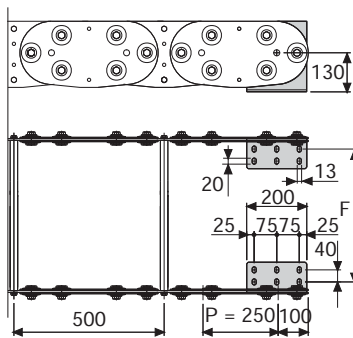


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
BS4500T300	285
BS4500T350	335
BS4500T400	385
BS4500T450	435
BS4500T500	485
BS4500T600	585
Special dimension F=W-105	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
BS4500...	A4500KM□**

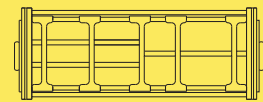
Complete Set Unassembled	
Chain Type	End Brackets Set
BS4500...	A4500K

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

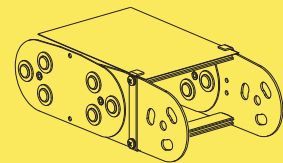
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BS4500 Cable Chain in Bright Zinc Plated Steel

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Supplementary movable separators.



Steel laminar cover.

For further information please consult Brevetti Stendalto's Technical Office