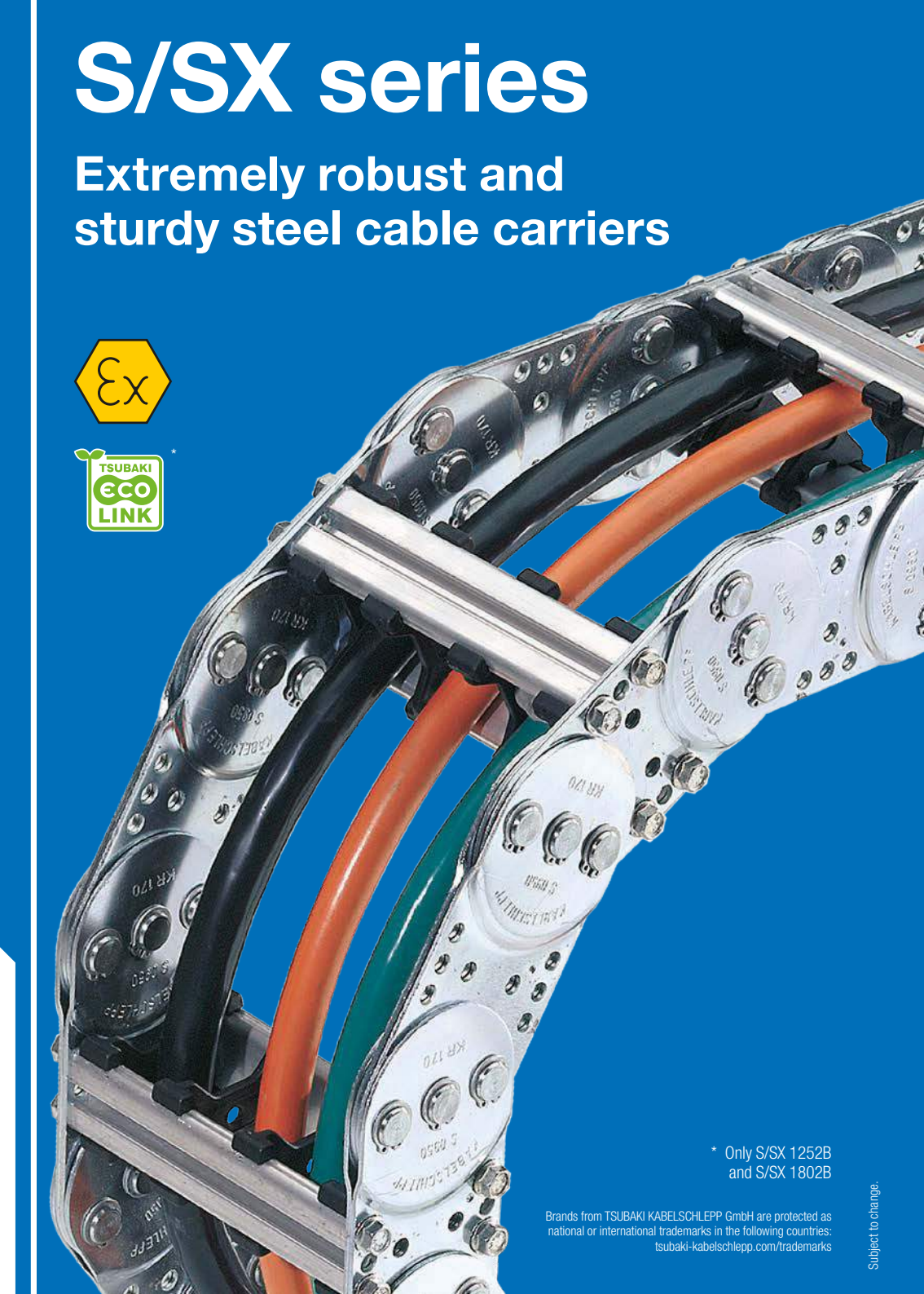
S/SX series

Extremely robust and sturdy steel cable carriers



* Only S/SX 1252B and S/SX 1802B

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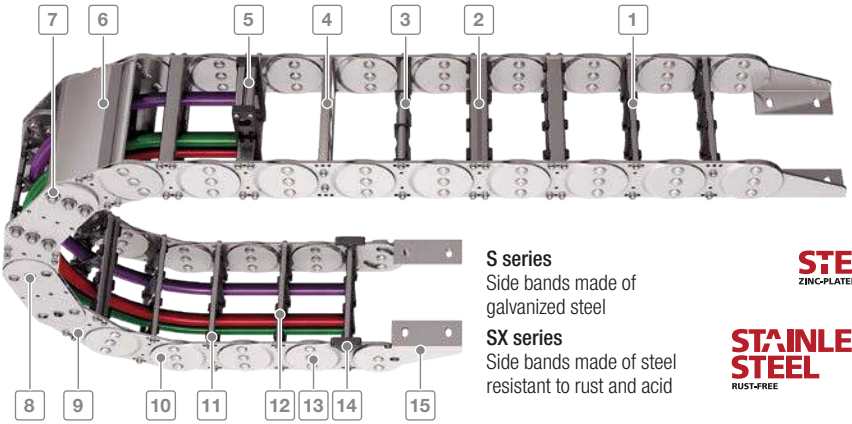
Subject to change.

S/SX series | Overview



S series
Side bands made of galvanized steel

SX series
Side bands made of steel resistant to rust and acid

STEEL ZINC-PLATED

STAINLESS STEEL RUST-FREE

1 All stays available in **1 mm width sections**
2 Aluminum stays with 4 screw-fixing points for extreme loads
3 Roller stays
4 Aluminum hole stays
5 Mounting frame stays
6 Aluminum cover available in **1 mm width sections**
7 Joint design with hardened bolts for long service life
8 Bolted and riveted joint connections possible
9 Straight link plate design (S/SX1252/1252B and S/SX1802/1802B)
10 Cranked link plate design
11 Different separation options for the cables
12 Opening inside and outside
13 Extremely robust side bands
14 Replaceable glide shoes
15 End connectors for different connection variants

Features

- Extremely robust, sturdy steel cable carriers for heavy mechanical loads and rough environmental conditions
- Side bands made of galvanized steel (S series) or corrosion-resistant and acid-resistant steel (SX series) in three qualities: ER 1 / ER 1S and ER 2
- Very sturdy link plates, each consisting of two individual plates
- Very extensive unsupported lengths even with large additional loads
- Bolted stay systems, solid end connectors
- Joint design with multi stroke system and hardened bolt
- Explosion protection with classification EX II 2 GD as per ATEX RL

The design

Proven steel cable carriers with extremely sturdy link plates and dedicated joint design with multi stroke system and hardened bolt. The extremely sturdy design allows extensive unsupported lengths and high possible additional loads.

Sandwich design: Link plates consist of two plates

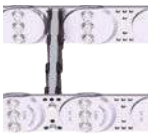
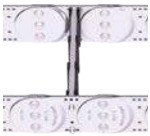
Glide shoes available for gliding applications

Stroke system with hardened bolt and circlips

Also available as covered variants with cover system or steel band cover, p. 690 and p. 806

Subject to change.

S/SX series | Overview

Type	Opening variant	Stay variant	h_i [mm]	h_G [mm]	B_i [mm]	B_k [mm]	B_i-grid [mm] X mm	t [mm]	KR [mm]	Additional load ≤ [kg/m]	Cable-d_{max} [mm]
S/SX0650											
		RS 1	31	50	65 – 265	100 – 300	1	65	75 – 400	30	24
		RS 2	31	50	69 – 369	100 – 400	1	65	75 – 400	30	24
		RR	26	50	69 – 369	100 – 400	1	65	75 – 400	30	20
		LG	–	50	35 – 465	70 – 500	1	65	75 – 400	30	26
		RMA	31 (200)	50 (224)	155 – 355	200 – 400	1	65	75 – 400	30	–
S/SX0950											
		RS 1	46	68	107 – 257	150 – 300	1	95	125 – 600	45	36
		RS 2	46	68	113 – 363	150 – 400	1	95	125 – 600	45	36
		RM	43	68	88 – 563	125 – 600	1	95	125 – 600	45	34
		RR	42	68	115 – 465	150 – 500	1	95	125 – 600	45	33
		LG	–	68	82 – 557	125 – 600	1	95	125 – 600	45	38
		RMR	40	68	108 – 558	150 – 600	1	95	125 – 600	45	32
S/SX1250											
		RS 1	72	94	152 – 352	200 – 400	1	125	145 – 1000	50	57
		RS 2	72	94	156 – 456	200 – 500	1	125	145 – 1000	50	57
		RV	72	94	154 – 554	200 – 600	1	125	145 – 1000	50	57
		RM	69	94	151 – 751	200 – 800	1	125	145 – 1000	50	55
		RR	66	94	160 – 560	200 – 600	1	125	145 – 1000	50	52
		LG	–	94	82 – 752	130 – 800	1	125	145 – 1000	50	59
		RMA	72 (200)	94 (226)	154 – 554	200 – 600	1	125	145 – 1000	50	–
		RMR	66	94	153 – 753	200 – 800	1	125	145 – 1000	50	52

* More information can be found in our technical manual.

** Depending on the specific application, additional gliding elements or rollers are required.

*** Application-specific, values on request.

Subject to change.

S/SX series | Overview

Unsupported arrangement			Gliding arrangement			Inner distribution				Installation variants			Page
Travel length ≤ [m]	v_{max} ≤ [m/s]	a_{max} ≤ [m/s²]	Travel length ≤ [m]	v_{max} ≤ [m/s]	a_{max} ≤ [m/s²]	TS0	TS1	TS2	TS3	vertical hanging or standing	lying on the side	rotating arrangement	
5.8	2.5	5	***	1	2	●	●	–	–	●	●	●	616
5.8	2.5	5	***	1	2	●	●	–	–	●	●	●	618
5.8	2.5	5	***	1	2	●	●	–	–	●	●	●	620
5.8	2.5	5	***	1	2	–	–	–	–	●	●	●	622
5.8	2.5	5	***	1	2	●	–	–	–	●	●	–	*
8.8	2.5	5	***	1	2	●	●	–	–	●	●	●	626
8.8	2.5	5	***	1	2	●	●	–	–	●	●	●	628
8.8	2.5	5	***	1	2	●	●	–	–	●	●	●	630
8.8	2.5	5	***	1	2	●	●	–	–	●	●	●	632
8.8	2.5	5	***	1	2	–	–	–	–	●	●	●	634
8.8	2.5	5	***	1	2	●	–	–	–	●	●	●	*
13.5	2.5	5	***	1	2	●	●	–	●	●	●	●	640
13.5	2.5	5	***	1	2	●	●	–	●	●	●	●	644
13.5	2.5	5	***	1	2	●	●	●	●	●	●	●	648
13.5	2.5	5	***	1	2	●	●	●	–	●	●	●	652
13.5	2.5	5	***	1	2	●	●	–	–	●	●	●	654
13.5	2.5	5	***	1	2	–	–	–	–	●	●	●	656
13.5	2.5	5	***	1	2	●	–	–	–	●	●	–	*
13.5	2.5	5	***	1	2	●	–	–	–	●	●	●	*

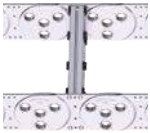
S/SX series | Overview

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

Type	Opening variant	Stay variant	h_i [mm]	h_G [mm]	B_i [mm]	B_k [mm]	B_i-grid [mm]	t [mm]	KR [mm]	Additional load ≤ [kg/m]	Cable-d_{max} [mm]
S/SX1800											
		RM	108	140	188 – 938	250 – 1000	1	180	265 – 1300	60	86
		RR	104	140	201 – 751	250 – 800	1	180	265 – 1300	60	83
		LG	–	140	121 – 941	180 – 1000	1	180	265 – 1300	60	88
S/SX2500											
		RM	183	220	175 – 1125	250 – 1200	1	250	365 – 1395	100	146
		LG	–	220	174 – 1124	250 – 1200	1	250	365 – 1395	100	144
S/SX3200											
		LG	–	300	166 – 1416	250 – 1500	1	320	470 – 1785	150	176
S/SX5000											
		***	150	200	133 – 1083	250 – 1200	1	200	500 – 1200	100	–
S/SX6000											
		***	240	300	177 – 1377	300 – 1500	1	320	700 – 1500	150	–
S/SX7000											
		***	370	450	200 – 1650	350 – 1800	1	450	900 – 2400	600	–

* More information can be found in our technical manual.

** Depending on the specific application, additional gliding elements or rollers are required.

*** Application-specific.

Subject to change.

S/SX series | Overview

Unsupported arrangement			Gliding arrangement			Inner distribution				Installation variants			Page
Travel length ≤ [m]	v_{max} ≤ [m/s]	a_{max} ≤ [m/s²]	Travel length ≤ [m]	v_{max} ≤ [m/s]	a_{max} ≤ [m/s²]	TS0	TS1	TS2	TS3	vertical hanging or standing	lying on the side	rotating arrangement	
17.8	2	3	***	0.8	2	●	●	–	●	●	●	●	662
17.8	2	3	***	0.8	2	●	●	–	–	●	●	●	664
17.8	2	3	***	0.8	2	–	–	–	–	●	●	●	666
23.7	1	3	–	–	–	●	●	●	–	●	●	●	670
23.7	1	3	–	–	–	–	–	–	–	●	●	●	674
24	1	2.5	–	–	–	–	–	–	–	●	●	●	678
12	2	3	–	–	–	–	●	–	–	●	●	●	682
16.7	1.5	2	–	–	–	–	●	–	–	●	●	●	683
24.9	0.5	0.3	–	–	–	–	●	–	–	●	●	●	684

S/SX series | Overview

Type	Opening variant	Stay variant	h_i [mm]	h_G [mm]	B_i [mm]	B_k [mm]	$B_{i\text{-}grid}$ [mm]	t [mm]	KR [mm]	Additional load ≤ [kg/m]	Cable-d_{max} [mm]
S/SX8000											
		***	578	600	200 – 1650	350 – 1800	1	550	900 – 2400	800	–
S/SX9000											
		***	Custom sizes from a cable carrier width of 350 mm								

** Depending on the specific application, additional gliding elements or rollers are required.
*** Application-specific.

S/SX tubes

Also available as covered variants with cover system or steel band cover. More information can be found in chapter “S/SX tubes” from p. 692.

Key for abbreviations on page 16
Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

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Cable Carrier Configurator

Subject to change.

S/SX series | Overview

Unsupported arrangement			Gliding arrangement			Inner distribution				Installation variants			Page
Travel length ≤ [m]	v_{max} ≤ [m/s]	a_{max} ≤ [m/s²]	Travel length ≤ [m]	v_{max} ≤ [m/s]	a_{max} ≤ [m/s²]	TS0	TS1	TS2	TS3	vertical hanging or standing	lying on the side	rotating arrangement	
24.9	0.5	0.3	–	–	–	–	●	–	–	●	●	●	685
													688

Inner heights 26 – 578

Chain widths 70 – 1800

tsubaki-kabelschlepp.com/s-sx

Technical manual

Do you need additional information on the S/SX series?
Our technical manual at **tsubaki-kabelschlepp.com/download** contains all information for selecting your cable carrier.

S/SX0650

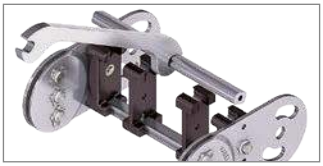
Pitch
65 mm

Inner height
26 – 34 mm

Chain widths
70 – 500 mm

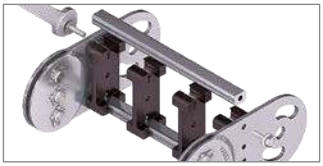
Bending radii
75 – 400 mm

Stay variants



Aluminum stay RS 1 ..... page 616

Frame stay narrow "The standard"
- Aluminum profile bars for light to medium loads.
- **Outside:** release by turning by 90°.
- **Inside:** Threaded joints easy to release.

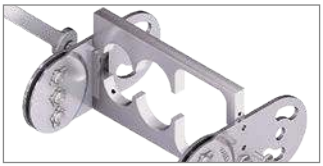


Aluminum stay RS 2 ..... page 618

Frame stay narrow, bolted
- Aluminum profile bars for light to medium loads. Simple threaded joint.
- **Outside/inside:** Threaded joints easy to release.

Aluminum stay RR ..... page 620

Frame stay, tube version
- Steel rolling stays with gentle cable support and steel dividers. Ideal for using media hoses with soft sheathing.
- **Inside/outside:** Screw connection detachable.



Aluminum stay LG ..... page 622

Frame stay, split
- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- **Inside/outside:** Threaded joint easy to release.

Additional stay variants on request

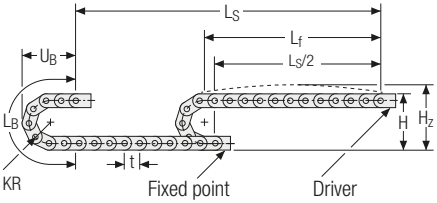
Aluminum stay RMA
For guiding very large cable diameters

S/SX tubes
Also available as covered variants with cover system or steel band cover. More information can be found in chapter "S/SX tubes" from p. 692.

Subject to change.

S/SX0650 | Installation dim. | Unsupported · Gliding

Unsupported arrangement



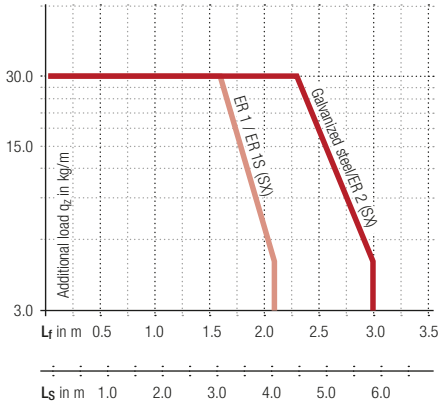
KR [mm]	H [mm]	L_B [mm]	U_B [mm]
75	225	496	230
95	265	558	250
115	305	621	270
125	325	653	280
135	345	684	290
145	365	716	300
155	385	747	310
175	425	810	330
200	475	888	355
250	575	1045	405
300	675	1202	455
400	875	1516	555

Installation height H_Z

$H_Z = H + 10$ mm/m

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight $q_k = 4.5$ kg/m. For other inner widths, the maximum additional load changes.



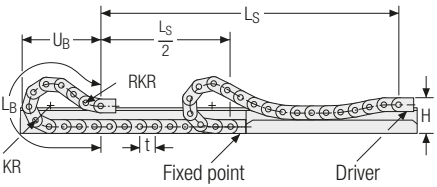
Speed
up to 2.5 m/s

Acceleration
up to 5 m/s²

Travel length
up to 5.8 m

Additional load
up to 30 kg/m

Gliding arrangement



The gliding cable carrier must be guided in a channel. See p. 732.

Glide shoes have to be used for gliding applications.

Speed
up to 1 m/s

Acceleration
up to 2 m/s²

Travel length
on request

Additional load
up to 30 kg/m

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX0650 RS 1 | Dimensions · Technical data

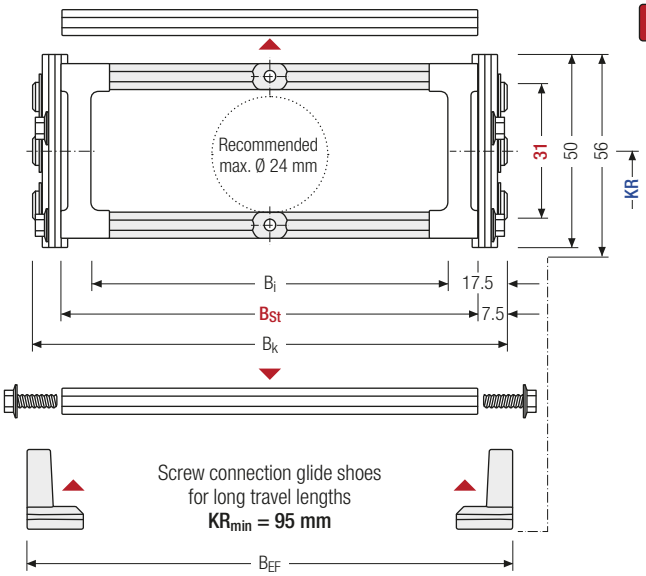
Aluminum stay RS 1 –
frame stay narrow

- Extremely quick to open and close
- Aluminum profile bars for light to medium loads.
- Available customized in **1 mm width sections**.
- **Outside:** release by rotating 90°.
- **Inside:** Threaded joint easy to release.

Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 100 – 300 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]						q_k [kg/m]
31	50	56	65 – 265	85 – 285	B_{St} + 15	B_{St} + 20	75	95	115	125	135	145	3.95 – 4.82
							155	175	200	250	300	400	

* in 1 mm width sections

Order example

SX0650	.	180	.	RS 1	.	135	.	St	-	1430	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Subject to change.

S/SX0650 RS 1 | Inner distribution | TS0 · TS1

Divider systems

The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

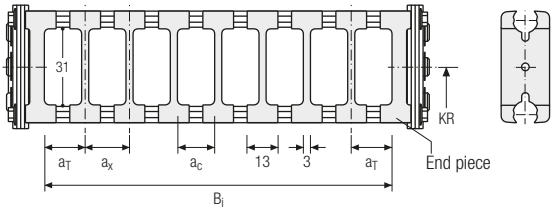
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

The socket additionally acts as a spacer between the dividers and is available in 1 mm increments between 3 – 50 mm **(version B)**.

Divider system TS0 without height separation

Vers.	$a_{T\,min}$ [mm]	$a_{x\,min}$ [mm]	$a_{C\,min}$ [mm]	$n_{T\,min}$
A	11.5	13	10	–

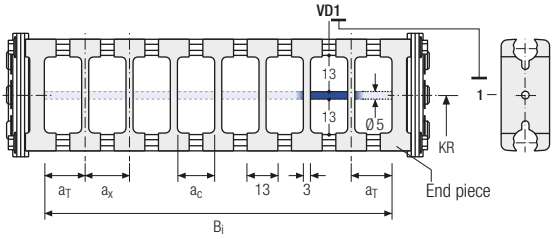
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\,min}$ [mm]	$a_{x\,min}$ [mm]	$a_{C\,min}$ [mm]	$n_{T\,min}$
A	11.5	13	10	2

The dividers can be moved in the cross section.



Order example

TS1 . A . 3 - VD0
⋮
- VD1

Divider system | Version | n_T | Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T].

If using divider systems with height separation **(TS1)** please also state the positions [e.g. VD1] viewed from the left driver belt. You are welcome to add a sketch to your order.

The end pieces are part of the divider system and don't have to be ordered separately.

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX0650 RS 2 | Dimensions · Technical data

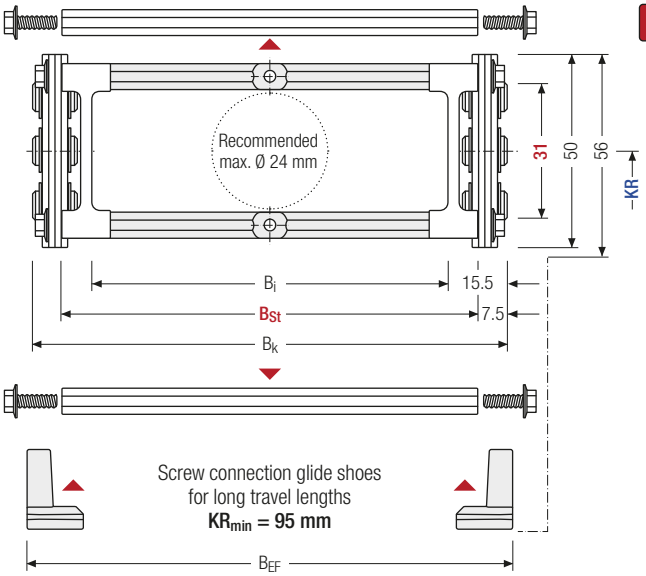
Aluminum stay RS 2 –
frame stay narrow, threaded joint

- Quick to open and close
- Aluminum profile bars for light to medium loads. Simple threaded joint
- Available customized in **1 mm width sections**.
- **Outside/inside:** Threaded joint easy to release.

Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 100 – 400 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]						q_k [kg/m]
31	50	56	69 – 369	85 – 385	B_{St} + 15	B_{St} + 20	75 155	95 175	115 200	125 250	135 300	145 400	3.95 – 5.25

* in 1 mm width sections

Order example

S0650	.	180	.	RS 2	.	135	.	St	-	1430		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX0650 RS 2 | Inner distribution | TS0 · TS1

Divider systems

The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

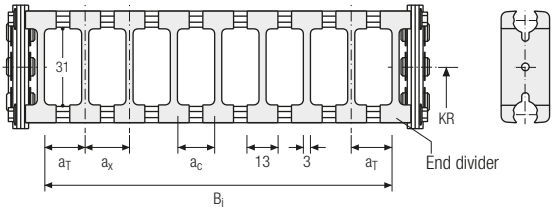
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

The socket additionally acts as a spacer between the dividers and is available in 1 mm increments between 3 – 50 mm **(version B)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{X\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	11.5	13	10	–

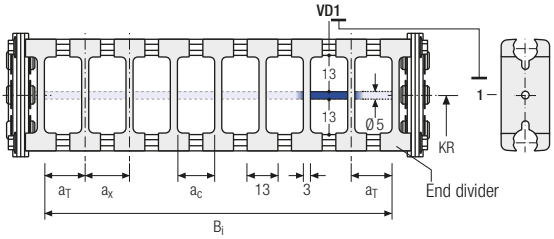
The dividers can be moved in the cross section.



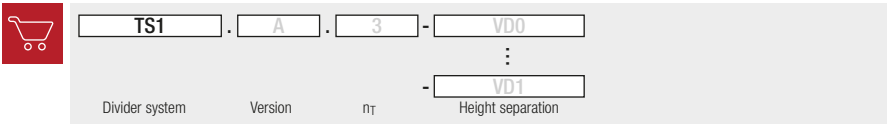
Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{X\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	11.5	13	10	2

The dividers can be moved in the cross section.



Order example



Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T].

If using divider systems with height separation **(TS1)** please also state the positions [e.g. VD1] viewed from the left driver belt. You are welcome to add a sketch to your order.

The end dividers are part of the divider system and don't have to be ordered separately.

Subject to change.

S/SX0650 RR | Dimensions · Technical data

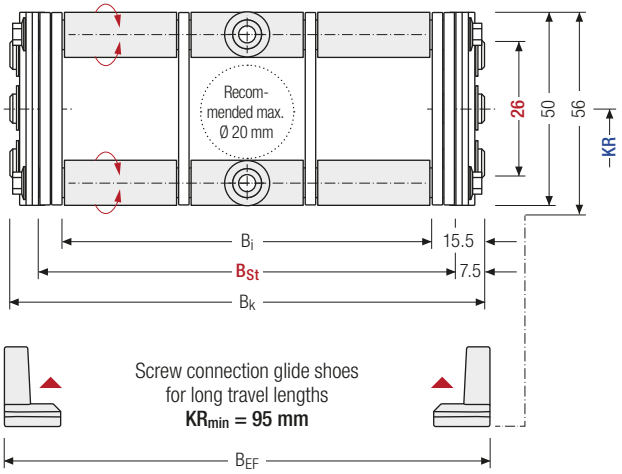
Tube stay RR –
frame stay, tube version

- Steel rolling stays with gentle cable support and plastic dividers. Ideal for using media hoses with soft sheathing. Easy screw connection.
- Available customized in **1 mm width sections**.
- **Inside/outside:** Screw connection detachable
- **Option:** Divider systems made from steel and stainless steel ER 1, ER 1S.

Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 100 – 400 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]						q_k [kg/m]
26	50	56	69 – 369	85 – 385	B_{St} + 15	B_{St} + 20	75	95	115	125	135	145	4.77 – 8.67
							155	175	200	250	300	400	

* in 1 mm width sections

Order example

S0650	.	180	.	RR	.	135	.	St	-	1430	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Key for abbreviations on page 16
Design guidelines from page 62

Technical support: technik@kabelschlepp.de
online-engineer.de Cable Carrier Configurator

Subject to change.

S/SX0650 RR | Inner distribution | TS0 · TS1

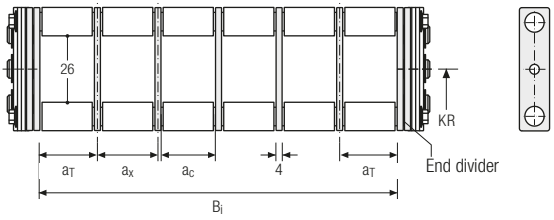
Divider systems

As a standard, the divider system is mounted on each crossbar – for stay mounting on every 2nd chain link (HS).

The dividers are fixed through the tubes.
The tube additionally serves as a spacer between the dividers **(version B)**.

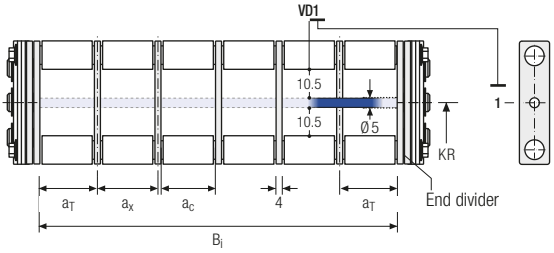
Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	20	25	21	–



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	20	25	21	2



Order example

TS1	.	B	.	3	.	K1	.	34	-	VD0
						⋮		⋮		⋮
					.	K4	.	38	-	VD0
Divider system		Version		n_T		Chamber		a_x		Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x] (as seen from the driver).

TRAXLINE® cables for cable carriers

Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **traxline.de**

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX0650 LG | Dimensions · Technical data

Aluminum stay LG –
hole stay, split version

- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint easy to release.

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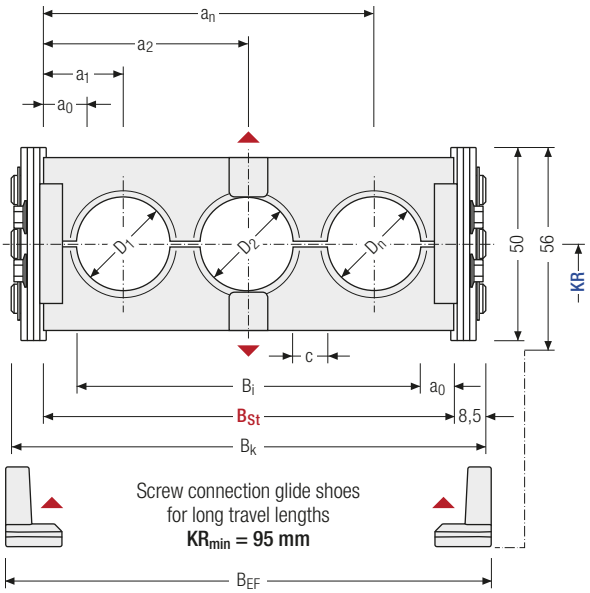
Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_i 70 – 500 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

Calculating the stay width

Stay width B_{St}

$$B_{St} = \sum D + \sum c + 2\ a_0$$

D_{max} [mm]	D_{min} [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	c_{min} [mm]	$a_{0\ min}$ [mm]	KR [mm]				q_k 50 %** [kg/m]
34	10	50	56	35 – 465	53 – 483	B_{St} + 17	B_{St} + 22	4	9	75	95	115	125	3.96 – 6.46
										135	145	155	175	
										200	250	300	400	

* in 1 mm width sections ** Hole ratio of the hole stay approx. 50 %

Order example

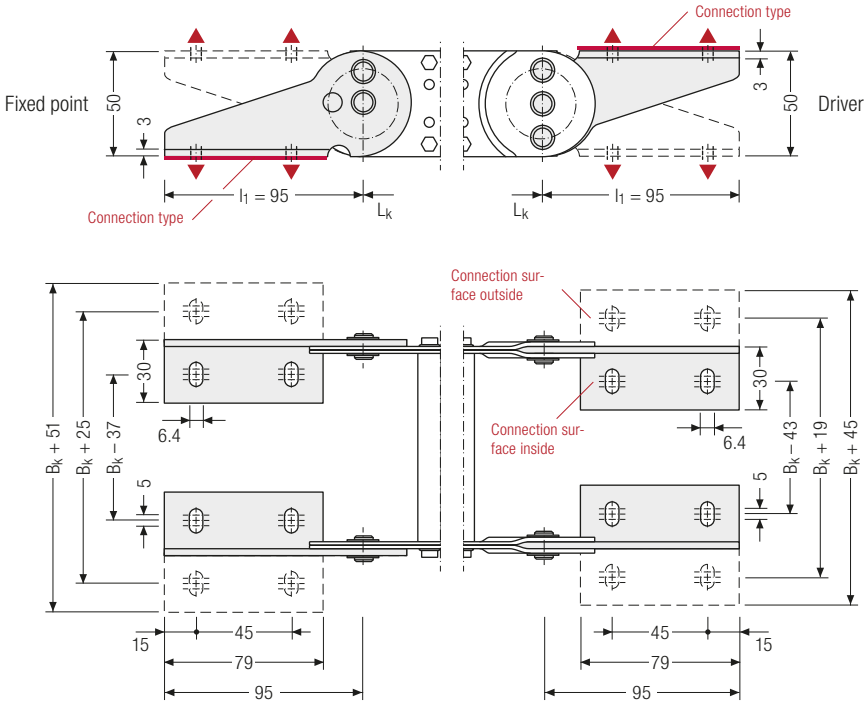
S0650	.	180	.	LG	.	135	.	St	-	1430	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Subject to change.

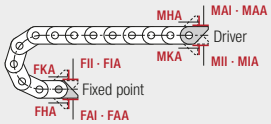
S/SX0650 | End connectors | Steel connectors

End connectors – steel

End connectors made of steel. The connection variants on the fixed point and on the driver can be combined and changed later on, if necessary.



▲ Assembly options



Caution: The standard connection variant FAI/MAI is only possible from B_k of 70 mm.

Connection point

F – fixed point
M – driver

Connection type

A – threaded joint to outside (standard)
I – threaded joint to inside
H – threaded joint, rotated 90° to the outside
K – threaded joint, rotated 90° to the inside

Connection surface

I – connection surface inside (standard)
A – connection surface outside

Order example

Steel	.	F	A	I
Steel	.	M	A	I
End connector		Connection point	Connection type	Connection surface

We recommend the use of strain reliefs before driver and fixed point. See from p. 794.

S/SX0950

Pitch
95 mm

Inner heights
42 – 48 mm

Chain widths
125 – 600 mm

Bending radii
125 – 600 mm

Stay variants

Aluminum stay RS 1 ..... page 626

Frame stay narrow "The standard"
- Aluminum profile bars for light to medium loads.
- **Outside:** release by turning by 90°.
- **Inside:** Threaded joints easy to release.

Aluminum stay RS 2 ..... page 628

Frame stay narrow, bolted
- Aluminum profile bars for light to medium loads. Simple threaded joint.
- **Outside/inside:** Threaded joints easy to release.

Aluminum stay RM ..... page 630

Frame stay, solid
- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- **Inside/outside:** Threaded joints easy to release.

Aluminum stay RR ..... page 632

Frame stay, tube version
- Steel rolling stays with gentle cable support and steel dividers. Ideal for using media hoses with soft sheathing.
- **Inside/outside:** Screw connection detachable.

Aluminum stay LG ..... page 634

Frame stay, split
- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- **Inside/outside:** Threaded joint easy to release.

Additional stay variants on request

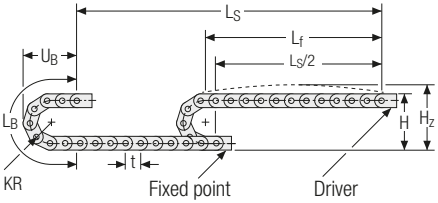
Aluminum stay RMR
Gentle cable guiding with rollers.

S/SX tubes
Also available as covered variants with cover system or steel band cover. More information can be found in chapter "S/SX tubes" from p. 692.

Subject to change.

S/SX0950 | Installation dim. | Unsupported · Gliding

Unsupported arrangement



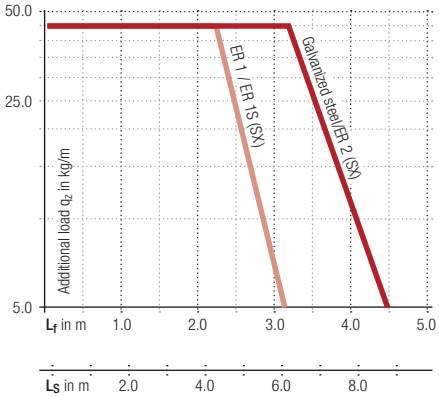
KR [mm]	H [mm]	L_B [mm]	U_B [mm]
125	352	773	350
140	382	820	365
170	442	914	395
200	502	1008	425
260	622	1197	485
290	682	1291	515
320	742	1385	545
350	802	1480	575
410	922	1668	635
600	1302	2264	825

Installation height H_Z

$H_Z = H + 10$ mm/m

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight $q_k = 7.6$ kg/m. For other inner widths, the maximum additional load changes.



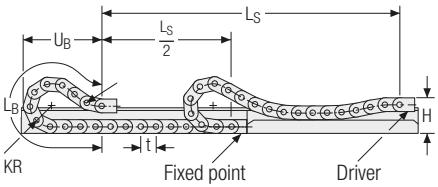
Speed
up to 2.5 m/s

Acceleration
up to 5 m/s²

Travel length
up to 8.8 m

Additional load
up to 45 kg/m

Gliding arrangement



The gliding cable carrier must be guided in a channel. See p. 732.

Glide shoes have to be used for gliding applications.

Speed
up to 1 m/s

Acceleration
up to 2 m/s²

Travel length
on request

Additional load
up to 45 kg/m

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX0950 RS 1 | Dimensions · Technical data

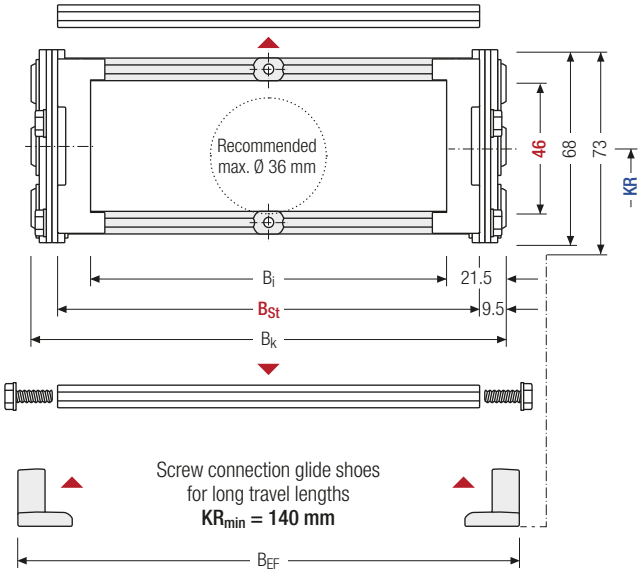
Aluminum stay RS 1 –
frame stay narrow

- Extremely quick to open and close
- Aluminum profile bars for light to medium loads.
- Available customized in **1 mm width sections**.
- **Outside:** release by rotating 90°.
- **Inside:** Threaded joint easy to release

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 150 – 300 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]					q_k [kg/m]
46	68	73	107 257	131 281	B_{St} + 19	B_{St} + 28	125 290	140 320	170 350	200 410	260 600	7.55 7.95

* in 1 mm width sections

Order example

S0950	.	150	.	RS 1	.	200	.	St	-	2375		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX0950 RS 1 | Inner distribution | TS0 · TS1

Divider systems

The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

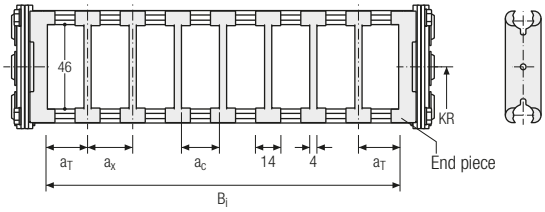
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

This socket additionally acts as a spacer between the dividers and is available in a 1 mm grid between 3 – 50 mm, as well as 16.5 and 21.5 mm **(version B)**.

Divider system TS0 without height separation

Vers.	$a_{T\,min}$ [mm]	$a_{x\,min}$ [mm]	$a_{C\,min}$ [mm]	$n_{T\,min}$
A	12	14	10	–

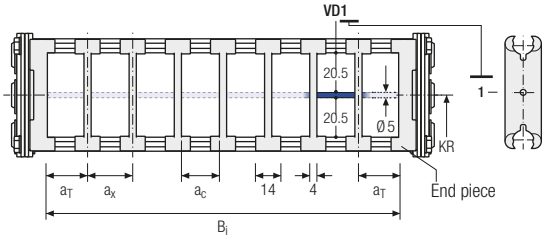
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\,min}$ [mm]	$a_{x\,min}$ [mm]	$a_{C\,min}$ [mm]	$n_{T\,min}$
A	12	14	10	2

The dividers can be moved in the cross section.



Order example

TS1 . A . 3 - VD0
⋮
- VD1

Divider system | Version | n_T | Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T].

If using divider systems with height separation **(TS1)** please also state the positions [e.g. VD1] viewed from the left driver belt. You are welcome to add a sketch to your order.

The end pieces are part of the divider system and don't have to be ordered separately.

Subject to change.

S/SX0950 RS 2 | Dimensions · Technical data

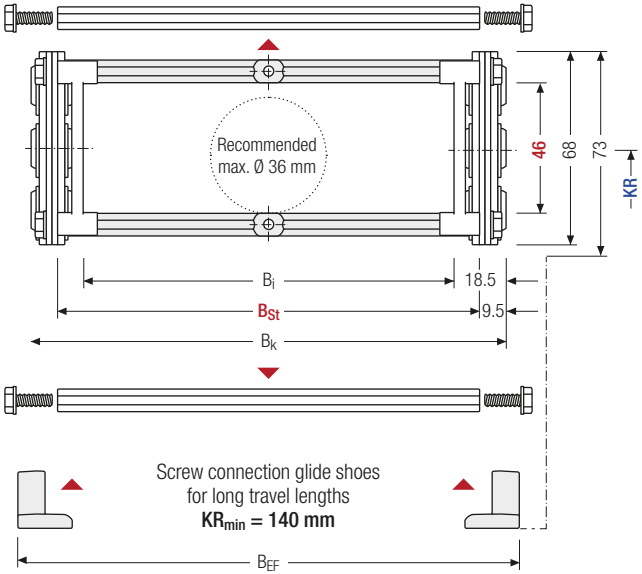
Aluminum stay RS 2 –
frame stay narrow, threaded joint

- Quick to open and close
- Aluminum profile bars for light to medium loads. Simple threaded joint
- Available customized in **1 mm width sections**.
- **Outside/inside:** Threaded joint easy to release.

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 150 – 400 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]					q_k [kg/m]
46	68	73	113 – 363	131 – 381	B_{St} + 19	B_{St} + 28	125	140	170	200	260	7.55 – 8.21
							290	320	350	410	600	

* in 1 mm width sections

Order example

S0950	.	150	.	RS 2	.	200	.	St	-	2375		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

Subject to change.

S/SX0950 RS 2 | Inner distribution | TS0 · TS1

Divider systems

The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

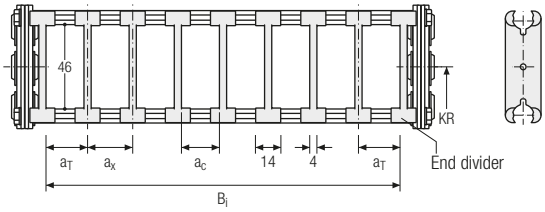
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

This socket additionally acts as a spacer between the dividers and is available in a 1 mm grid between 3 – 50 mm, as well as 16.5 and 21.5 mm **(version B)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{c\ min}$ [mm]	$n_{T\ min}$
A	12	14	10	–

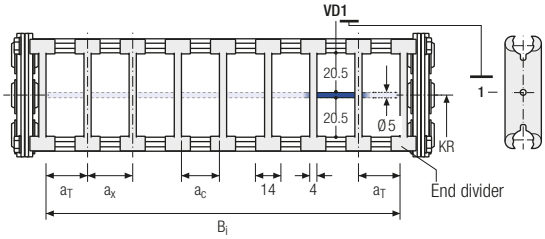
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{c\ min}$ [mm]	$n_{T\ min}$
A	12	14	10	2

The dividers can be moved in the cross section.



Order example

TS1 . A . 3 - VD0
⋮
- VD1

Divider system | Version | n_T | Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T].

If using divider systems with height separation **(TS1)** please also state the positions [e.g. VD1] viewed from the left driver belt. You are welcome to add a sketch to your order.

The end dividers are part of the divider system and don't have to be ordered separately.

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX0950 RM | Dimensions · Technical data

Aluminum stay RM –
frame stay, solid

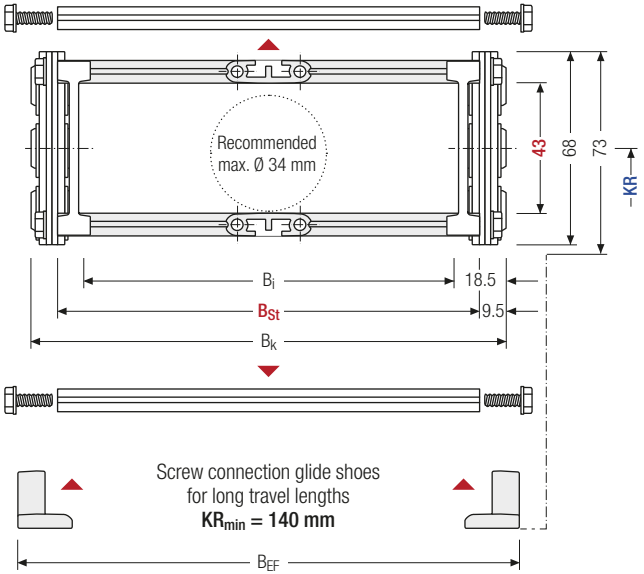
- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joints easy to release.

HEAVY DUTY
TSUBAKI KABELSCHLEPP

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_k from 125 – 600 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]					q_k [kg/m]
43	68	73	88 – 563	106 – 581	B_{St} + 19	B_{St} + 28	125	140	170	200	260	7.78 – 10.68
							290	320	350	410	600	

* in 1 mm width sections

Order example

S0950	.	150	.	RM	.	200	.	St	-	2375	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Subject to change.

S/SX0950 RM | Inner distribution | TS0 · TS1

Divider systems

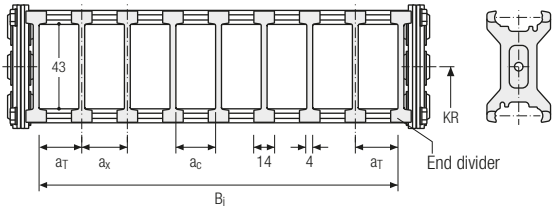
The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	10	14	10	–

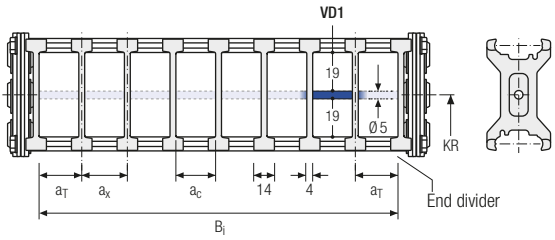
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	10	14	10	2

The dividers can be moved in the cross section.



Order example

TS1	.	A	.	3	-	VD0
						⋮
					-	VD1
Divider system		Version		n_T		Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T].

If using divider systems with height separation **(TS1)** please also state the positions [e.g. VD1] viewed from the left driver belt. You are welcome to add a sketch to your order.

The end dividers are part of the divider system and don‘t have to be ordered separately.

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX0950 RR | Dimensions · Technical data

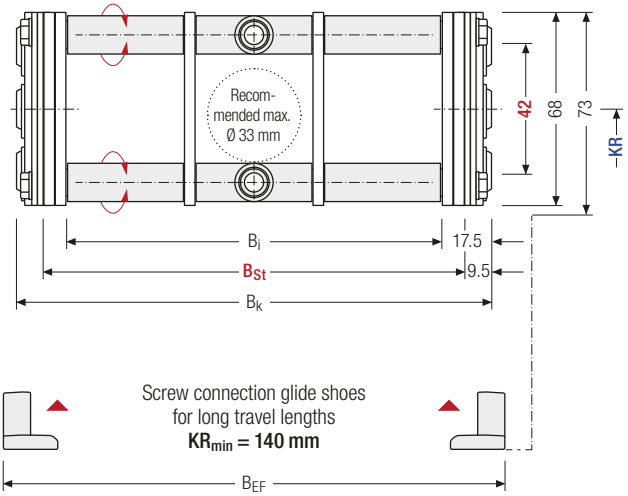
Tube stay RR –
frame stay, tube version

- Steel rolling stays with gentle cable support and plastic dividers. Ideal for using media hoses with soft sheathing. Easy screw connection.
- Available customized in **1 mm width sections**.
- **Inside/outside:** Screw connection detachable
- **Option:** Divider systems made from steel and stainless steel ER 1, ER 1S.

Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_i 150 – 500 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]					q_k [kg/m]
42	68	73	115 – 465	131 – 481	B_{St} + 19	B_{St} + 28	125	140	170	200	260	8.42
							290	320	350	410	600	11.75

* in 1 mm width sections

Order example

S0950	.	150	.	RR	.	200	.	St	-	2375	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Subject to change.

S/SX0950 RR | Inner distribution | TS0 · TS1

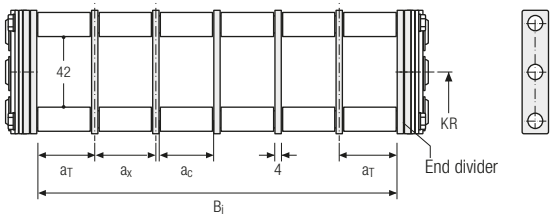
Divider systems

As a standard, the divider system is mounted on each crossbar – for stay mounting on every 2nd chain link (HS).

The dividers are fixed through the tubes.
The tube additionally serves as a spacer between the dividers **(version B)**.

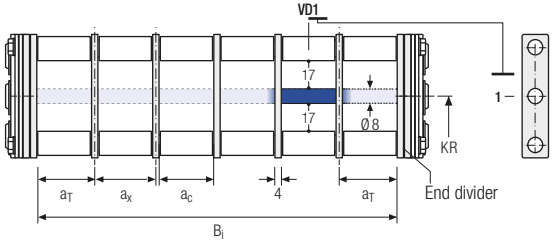
Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
B	20	20	16	–



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
B	20	20	16	2



Order example

TS1	.	B	.	3	.	K1	.	34	-	VD0
						⋮		⋮		⋮
					.	K4	.	38	-	VD0
Divider system		Version		n_T		Chamber		a_x		Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x] (as seen from the driver).

TRAXLINE® cables for cable carriers

Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **traxline.de**

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX0950 LG | Dimensions · Technical data

Aluminum stay LG –
hole stay, split version

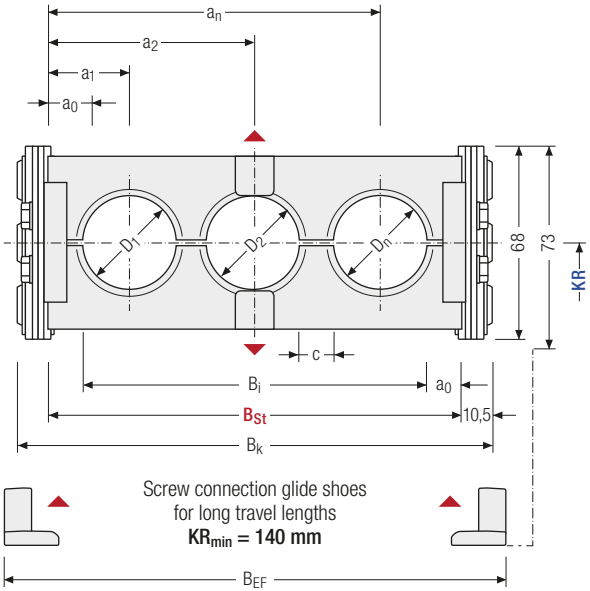
- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint easy to release.

HEAVY DUTY
TSUBAKI KABELSCHLEPP

Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_i 125 – 600 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

Calculating the stay width

Stay width B_{St}

$$B_{St} = \sum D + \sum c + 2\,a_0$$

D_{max} [mm]	D_{min} [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	c_{min} [mm]	$a_{0\,min}$ [mm]	KR [mm]				q_k 50 %** [kg/m]
48	12	68	73	82 – 557	104 – 579	B_{St} + 21	B_{St} + 30	4	11	125	140	170	200	7.97
										260	290	320	350	11.82
										410	600			

* in 1 mm width sections ** Hole ratio of the hole stay approx. 50 %

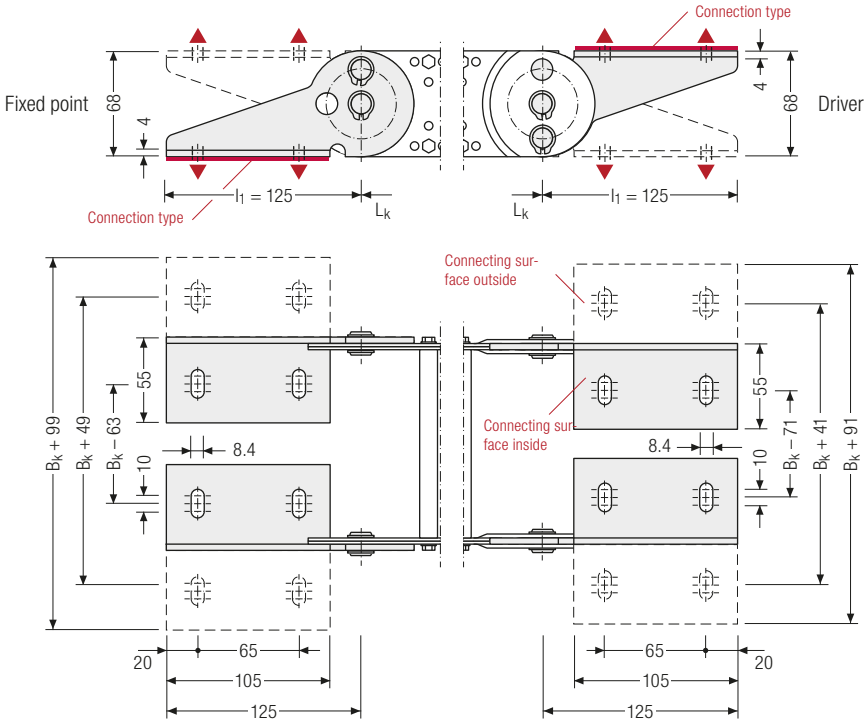
Order example

S0950	.	150	.	LG	.	200	.	St	-	2375		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

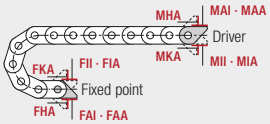
Subject to change.

End connectors – steel

End connectors made of steel. The connection variants on the fixed point and on the driver can be combined and changed later on, if necessary.



▲ Assembly options



Connection point
- **F** – fixed point
- **M** – driver

Connection type
- **A** – threaded joint to outside (standard)
- **I** – threaded joint to inside
- **H** – threaded joint, rotated 90° to the outside
- **K** – threaded joint, rotated 90° to the inside

Connection surface
- **I** – connection surface inside (standard)
- **A** – connection surface outside

Caution: The standard connection variant FAI/MAI is only possible from B_k of 122 mm.

Order example

Steel	.	F	A	I
Steel	.	M	A	I
End connector		Connection point	Connection type	Connection surface

We recommend the use of strain reliefs before driver and fixed point. See from p. 794.

Subject to change.

S/SX1250

Pitch
125 mm

Inner heights
66 – 74 mm

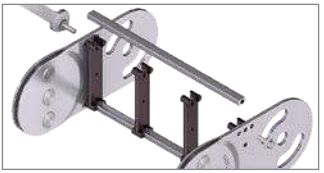
Chain widths
130 – 800 mm

Bending radii
145 – 1000 mm

Stay variants

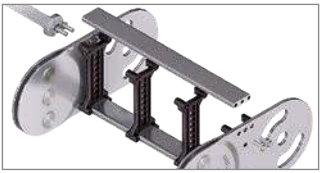
Aluminum stay RS 1 ..... page **640**

Frame stay narrow "The standard"
- Aluminum profile bars for light to medium loads.
- **Outside:** release by turning by 90°.
- **Inside:** Threaded joints easy to release.



Aluminum stay RS 2 ..... page **644**

Frame stay narrow, bolted
- Aluminum profile bars for light to medium loads. Simple threaded joint.
- **Outside/inside:** Threaded joints easy to release.



Aluminum stay RV ..... page **648**

Frame stay, reinforced
- Aluminum profile bars for medium to heavy loads and large cable carrier widths. Double threaded joint on both sides.
- **Inside/outside:** Threaded joints easy to release.

Aluminum stay RM ..... page **652**

Frame stay, solid
- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- **Inside/outside:** Threaded joints easy to release.

TRAXLINE® cables for cable carriers

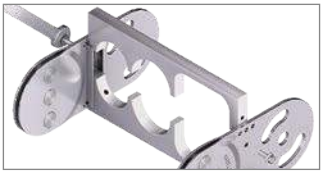
Hi-flex electric cables which were specially developed, optimised and tested for use in cable carriers can be found at **traxline.de**.

Subject to change.

Aluminum stay RR page 654

Frame stay, tube version

- Steel rolling stays with gentle cable support and steel dividers. Ideal for using media hoses with soft sheathing.
- **Inside/outside:** Screw connection detachable.



Aluminum stay LG page 656

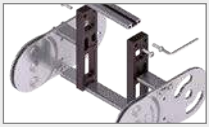
Frame stay, split

- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- **Inside/outside:** Threaded joint easy to release.

S/SX tubes

Also available as covered variants with cover system or steel band cover. More information can be found in chapter “S/SX tubes” from p. 692.

Additional stay variants on request



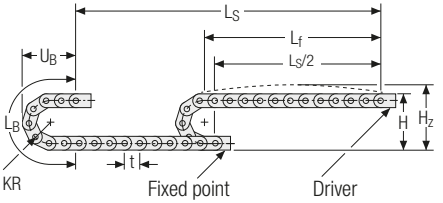
Aluminum stay RMA
For guiding very large cable diameters

Aluminum stay RMR
Gentle cable guiding with rollers.

Subject to change.

S/SX1250 | Installation dim. | Unsupported · Gliding

Unsupported arrangement



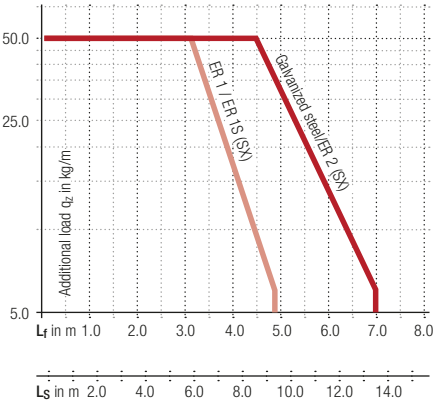
KR [mm]	H [mm]	L_B [mm]	U_B [mm]
145	431	955	442
200	541	1128	497
220	581	1191	517
260	661	1317	557
300	741	1442	597
340	821	1568	637
380	901	1694	677
420	981	1820	717
460	1061	1945	757
500	1141	2071	797
540	1221	2196	837
600	1341	2385	897
1000	2141	3640	1297

Installation height H_Z

$H_Z = H + 10$ mm/m

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight $q_K = 13$ kg/m. For other inner widths, the maximum additional load changes.



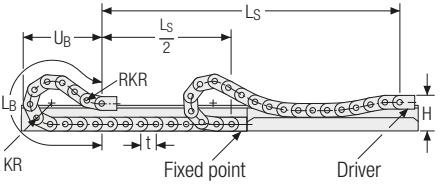
Speed
up to 2.5 m/s

Acceleration
up to 5 m/s²

Travel length
up to 13.5 m

Additional load
up to 50 kg/m

Gliding arrangement



The gliding cable carrier must be guided in a channel. See p. 732.

Glide shoes have to be used for gliding applications.

Speed
up to 1 m/s

Acceleration
up to 2 m/s²

Travel length
on request

Additional load
up to 50 kg/m

Key for abbreviations on page 16
Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

Subject to change.

Inner heights

69 – 72

Chain widths

200 – 800

Subject to change

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1250 RS 1 | Dimensions · Technical data

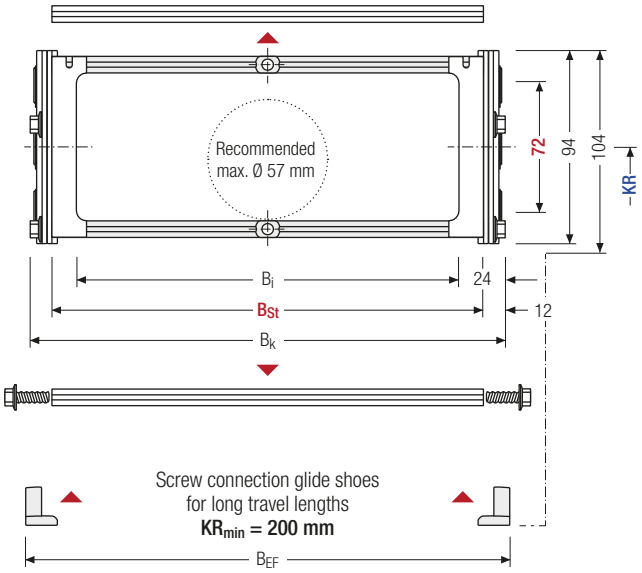
Aluminum stay RS 1 –
frame stay narrow

- Extremely quick to open and close
- Aluminum profile bars for light to medium loads.
- Available customized in **1 mm width sections**.
- **Outside:** release by rotating 90°.
- **Inside:** Threaded joint easy to release.

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_k from 200 – 400 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]							q_k [kg/m]
72	94	104	152 – 352	176 – 376	B_{St} + 24	B_{St} + 30	145	200	220	260	300	340	380	12,88
							420	460	500	540	600	1000		13,43

* in 1 mm width sections

Order example

S1250	.	400	.	RS 1	.	200	.	St	-	4750		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX1250 RS 1 | Inner distribution | TS0 · TS1

Divider systems

The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

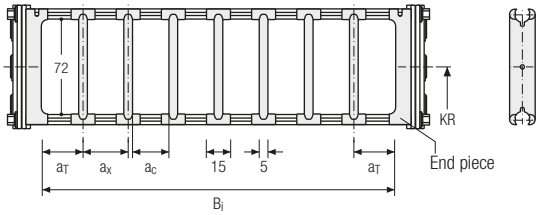
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

The socket additionally acts as a spacer between the dividers and is available in 1 mm increments between 3 – 50 mm **(version B)**.

Divider system TS0 without height separation

Vers.	$a_{T\,min}$ [mm]	$a_{X\,min}$ [mm]	$a_{C\,min}$ [mm]	$n_{T\,min}$
A	12.5	15	10	–

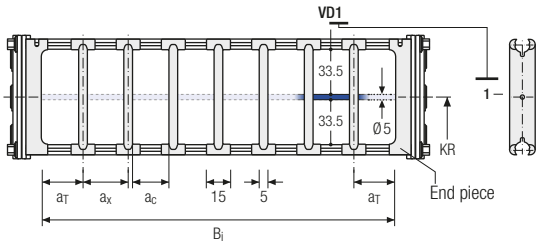
The dividers can be moved in the cross section.



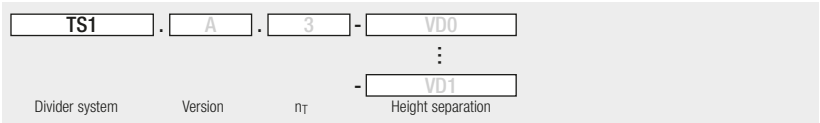
Divider system TS1 with continuous height separation

Vers.	$a_{T\,min}$ [mm]	$a_{X\,min}$ [mm]	$a_{C\,min}$ [mm]	$n_{T\,min}$
A	12.5	15	10	2

The dividers can be moved in the cross section.



Order example



Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T].

If using divider systems with height separation **(TS1)** please also state the positions [e.g. VD1] viewed from the left driver belt. You are welcome to add a sketch to your order.

The end pieces are part of the divider system and don't have to be ordered separately.

Subject to change.

S/SX1250 RS 1 | Inner distribution | TS3

Divider system TS3 with height separation consisting of plastic partitions

As a standard, the divider **version A** is used for vertical partitioning within the cable carrier. The complete divider system can be moved within the cross section.

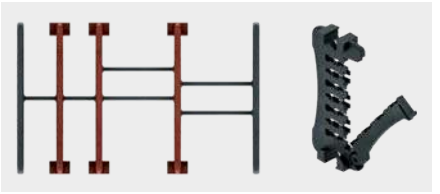
Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

Divider version A

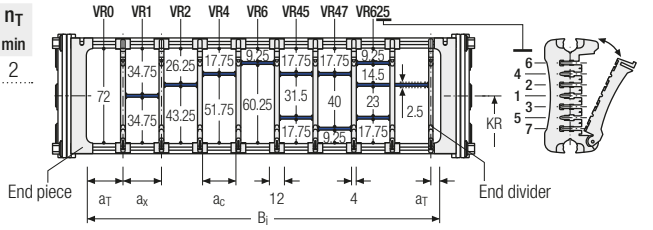


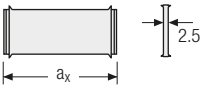
End divider

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	n_T min
A	7*/11	14	10	2

* For End divider

The dividers are fixed by the partitions, the complete divider system is movable in the cross section.





a_x (center distance of dividers) [mm]																
a_C (nominal width of inner chamber) [mm]																
14	**16**	**19**	**23**	**24**	**28**	**29**	**32**	**33**	**34**	**38**	**39**	**43**	**44**	**48**	**49**	**54**
10	12	15	19	20	24	25	28	29	30	34	35	39	40	44	45	50
58	**59**	**64**	**68**	**69**	**74**	**78**	**79**	**80**	**84**	**88**	**89**	**94**	**96**	**99**	**112**	
54	55	60	64	65	70	74	75	76	80	84	85	90	92	95	108	

When using **partitions with a_x > 49 mm** we recommended an additional preferential central support.

Order example

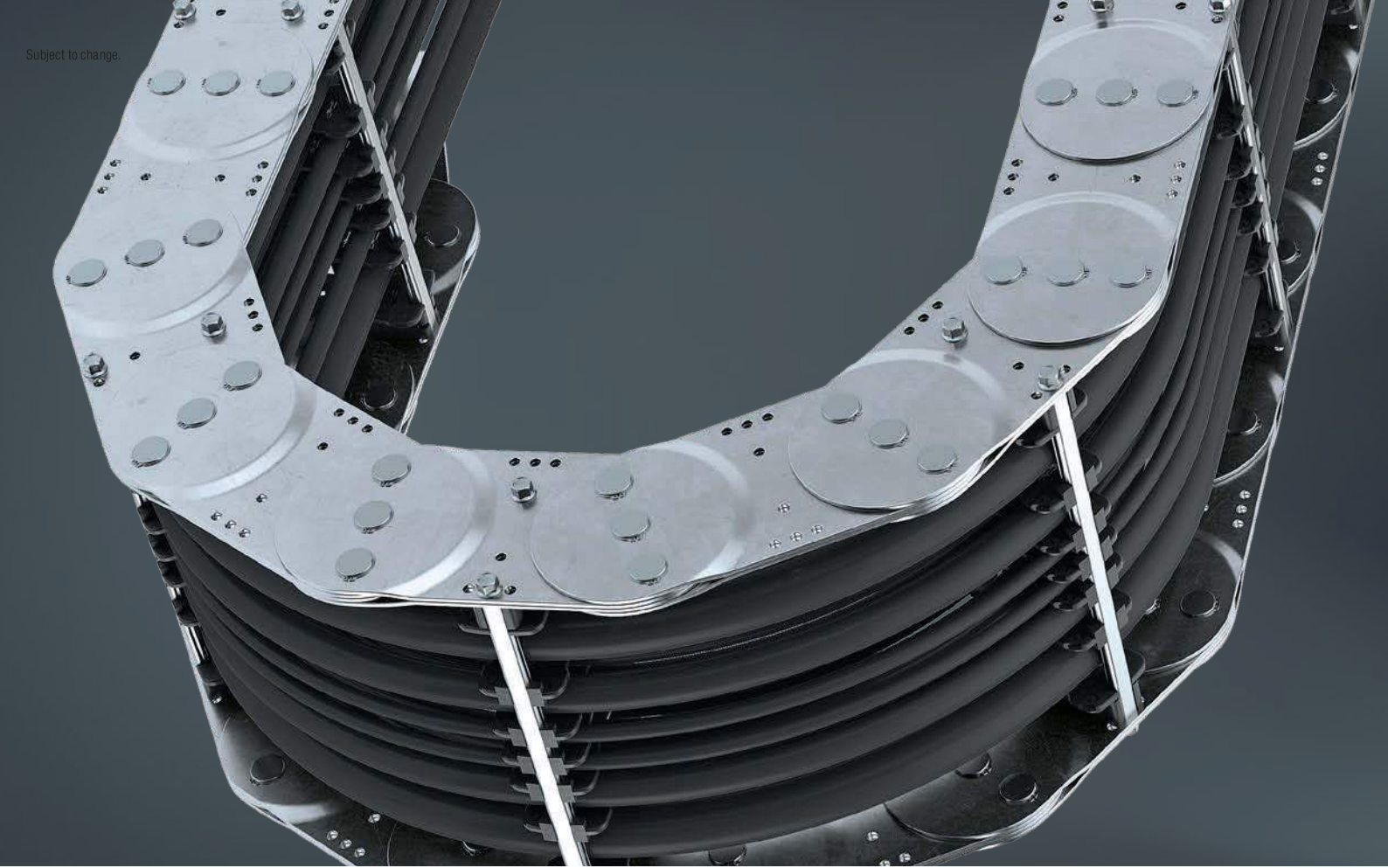
TS3	.	A	.	3	.	K1	.	34	-	VR1
						⋮		⋮		⋮
					.	K4	.	38	-	VR3
Divider system		Version		n_T		Chamber		a_x		Height separation

Please state the designation of the divider system **(TS0, TS1,...)**, version and number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x] (as seen from the driver).

If using divider systems with height separation **(TS1, TS3)** please also state the positions [e.g. VD23] viewed from the left driver belt. You are welcome to add a sketch to your order.

Subject to change.

Subject to change.



S/SX1250 RS 2 | Dimensions · Technical data

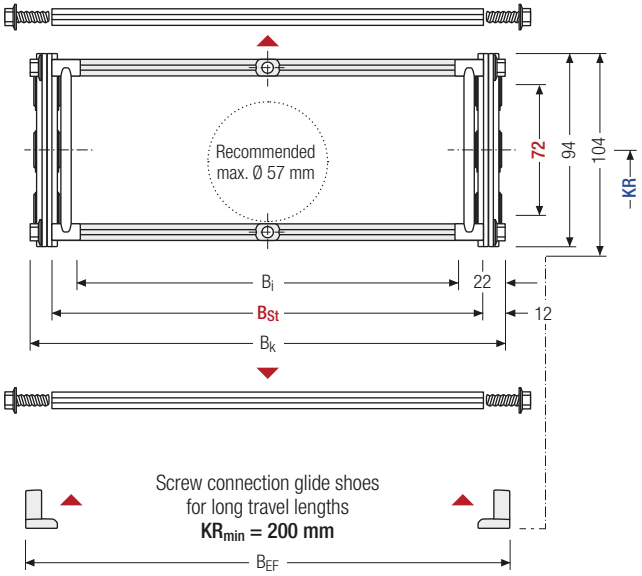
Aluminum stay RS 2 –
frame stay narrow, threaded joint

- Quick to open and close
- Aluminum profile bars for light to medium loads. Simple threaded joint
- Available customized in **1 mm width sections**.
- **Outside/inside:** Threaded joint easy to release.

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 200 – 500 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]							q_k [kg/m]
72	94	104	156 – 456	176 – 476	B_{St} + 24	B_{St} + 30	145	200	220	260	300	340	380	12.88 – 13.71
							420	460	500	540	600	1000		

* in 1 mm width sections

Order example

S1250	.	400	.	RS 2	.	200	.	St	-	4750	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Key for abbreviations on page 16

Design guidelines from page 62

Technical support: technik@kabelschlepp.de

online-engineer.de Cable Carrier Configurator

Subject to change.

S/SX1250 RS 2 | Inner distribution | TS0 · TS1

Divider systems

The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

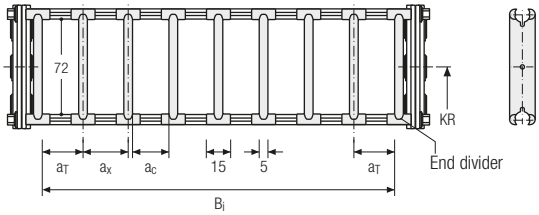
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

The socket additionally acts as a spacer between the dividers and is available in 1 mm increments between 3 – 50 mm **(version B)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{X\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	12.5	15	10	–

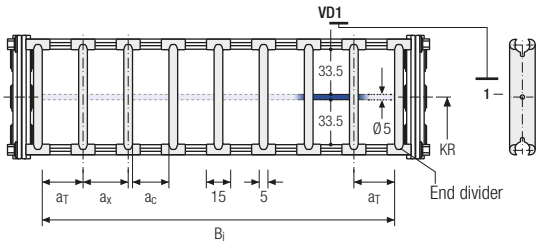
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{X\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	12.5	15	10	2

The dividers can be moved in the cross section.



Order example

TS1 . A . 3 - VD0
⋮
- VD1

Divider system | Version | n_T | Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T].

If using divider systems with height separation **(TS1)** please also state the positions [e.g. VD1] viewed from the left driver belt. You are welcome to add a sketch to your order.

The end dividers are part of the divider system and don't have to be ordered separately.

Subject to change.

S/SX1250 RS 1 | Inner distribution | TS3

Divider system TS3 with height separation consisting of plastic partitions

As a standard, the divider **version A** is used for vertical partitioning within the cable carrier. The complete divider system can be moved within the cross section.

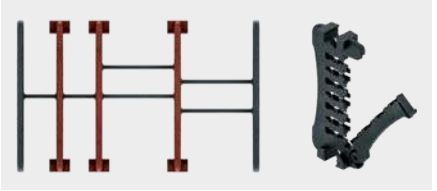
Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

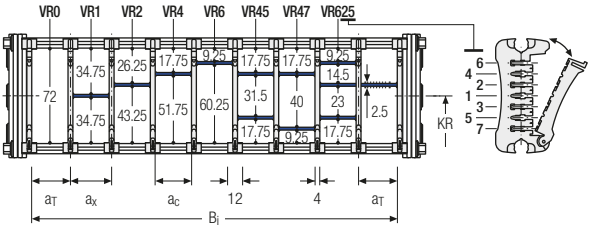
Divider version A

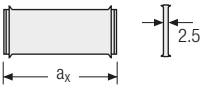


Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	n_T min
A	10*/12	14	10	2

* For VR0

The dividers are fixed by the partitions, the complete divider system is movable in the cross section.





a_x (center distance of dividers) [mm]																
a_C (nominal width of inner chamber) [mm]																
14	**16**	**19**	**23**	**24**	**28**	**29**	**32**	**33**	**34**	**38**	**39**	**43**	**44**	**48**	**49**	**54**
10	12	15	19	20	24	25	28	29	30	34	35	39	40	44	45	50
58	**59**	**64**	**68**	**69**	**74**	**78**	**79**	**80**	**84**	**88**	**89**	**94**	**96**	**99**	**112**	
54	55	60	64	65	70	74	75	76	80	84	85	90	92	95	108	

When using **partitions with a_x > 49 mm** we recommended an additional preferential central support.

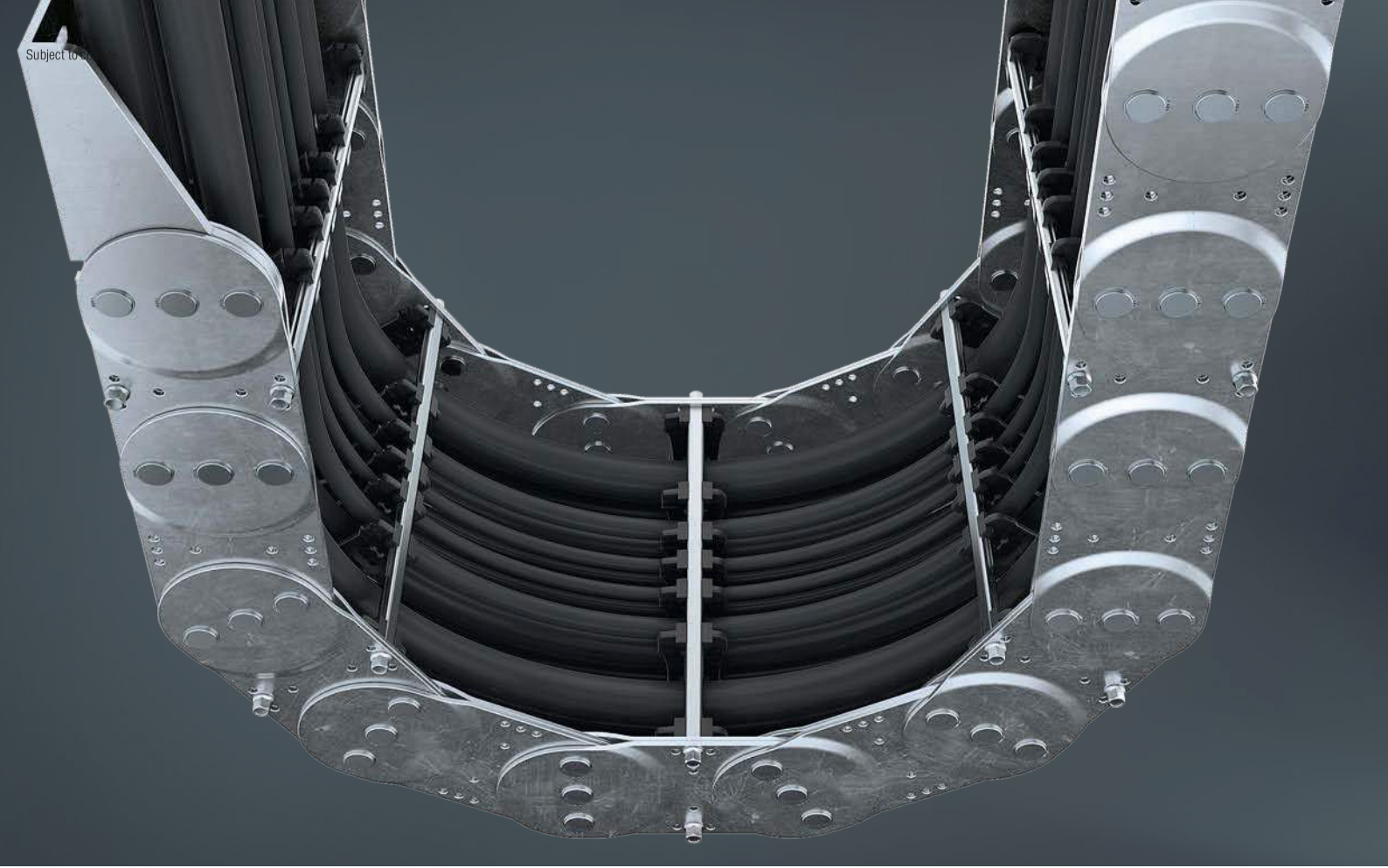
Order example

TS3	.	A	.	3	.	K1	.	34	-	VR1
						⋮		⋮		⋮
					.	K4	.	38	-	VR3
Divider system		Version		n_T		Chamber		a_x		Height separation

Please state the designation of the divider system **(TS0, TS1,...)**, version and number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x] (as seen from the driver).

If using divider systems with height separation **(TS1, TS3)** please also state the positions [e.g. VD23] viewed from the left driver belt. You are welcome to add a sketch to your order.

Subject to change.



Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1250 RV | Dimensions · Technical data

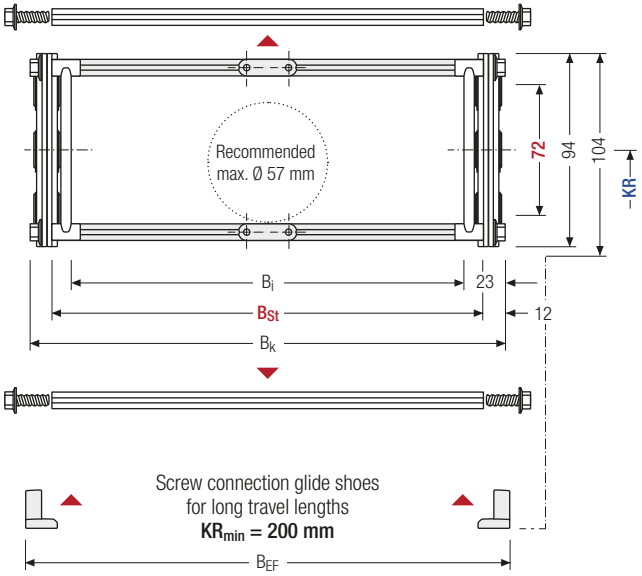
Aluminum stay RV –
reinforced frame stay

- Aluminum profile bars for medium to heavy loads and large cable carrier widths. Double threaded joint on both sides.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joints easy to release.

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 200 – 600 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]							q_k [kg/m]
72	94	104	154 554	176 576	B_{St} + 24	B_{St} + 30	145 420	200 460	220 500	260 540	300 600	340 1000	380	13.83 17.11

* in 1 mm width sections

Order example

S1250	.	400	.	RV	.	200	.	St	-	4750	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Subject to change.

S/SX1250 RV | Inner distribution | TS0 · TS1 · TS2

Divider systems

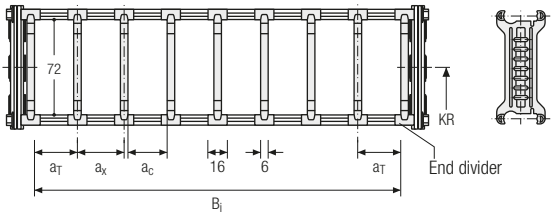
The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	13	16	10	–

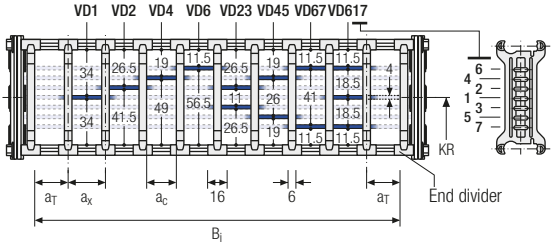
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	13	16	10	2

The dividers can be moved in the cross section.

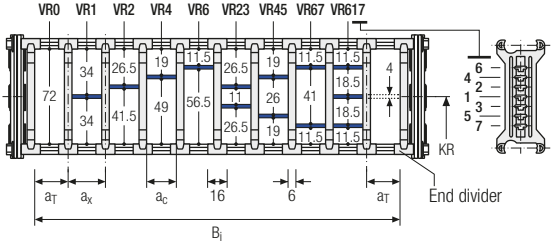


Divider system TS2 with partial height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	13	21	15	2

With grid distribution **(1 mm grid)**. The dividers are attached by the height separation, the grid can be moved in the cross section.

Sliding dividers are optionally available (thickness of divider = 6 mm).



More product information online

Assembly instructions etc.: Additional info via your smartphone or check online at **tsubaki-kabelschlepp.com/support**

Configure your custom cable carrier here: **onlineengineer.de**

Subject to change.

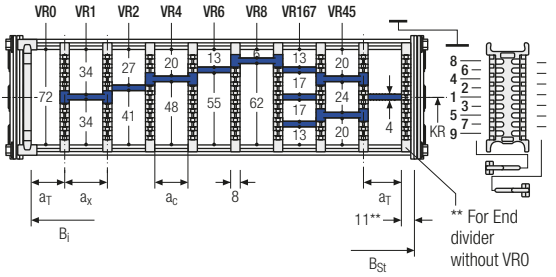
S/SX1250 RV | Inner distribution | TS3

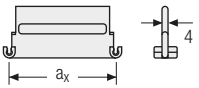
Divider system TS3 with height separation consisting of plastic partitions

Vers.	a_T min [mm]	a_x min [mm]	a_C min [mm]	n_T min
A	4	16 / 42*	8	2

* For aluminum partitions

The dividers are fixed with the partitions. The entire divider system can be moved in the cross section.





Aluminum partitions in 1 mm width increments with **a_x > 42 mm** are also available.

a_x (center distance of dividers) [mm]

a_C (nominal width of inner chamber) [mm]

16	18	23	28	32	33	38	43	48	58	64	68
8	10	15	20	24	25	30	35	40	50	56	60
78	**80**	**88**	**96**	**112**	**128**	**144**	**160**	**176**	**192**	**208**	
70	72	80	88	104	120	136	152	168	184	200	

When using **plastic partitions with a_x > 112 mm**, we recommend an additional center support with a **twin divider** (S_T = 4 mm). Twin dividers are also suitable for retrofitting in the partition system.

Order example

TS3	.	A	.	3	.	K1	.	34	-	VR1
						⋮		⋮		⋮
					.	K4	.	38	-	VR3
Divider system		Version		n_T		Chamber		a_x		Height separation

Please state the designation of the divider system **(TS0, TS1,...)**, the version, and the number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x].

When using divider systems with height separation **(TS1 – TS3)**, please additionally state the positions (e.g. VD23) viewed from the left driver belt. You are welcome to add a sketch to your order.

The end dividers are part of the divider system and don't have to be ordered separately.

More product information online

Assembly instructions etc.: Additional info via your smartphone or check online at **tsubaki-kabelschlepp.com/support**

Configure your custom cable carrier here: **onlineengineer.de**

Key for abbreviations on page 16

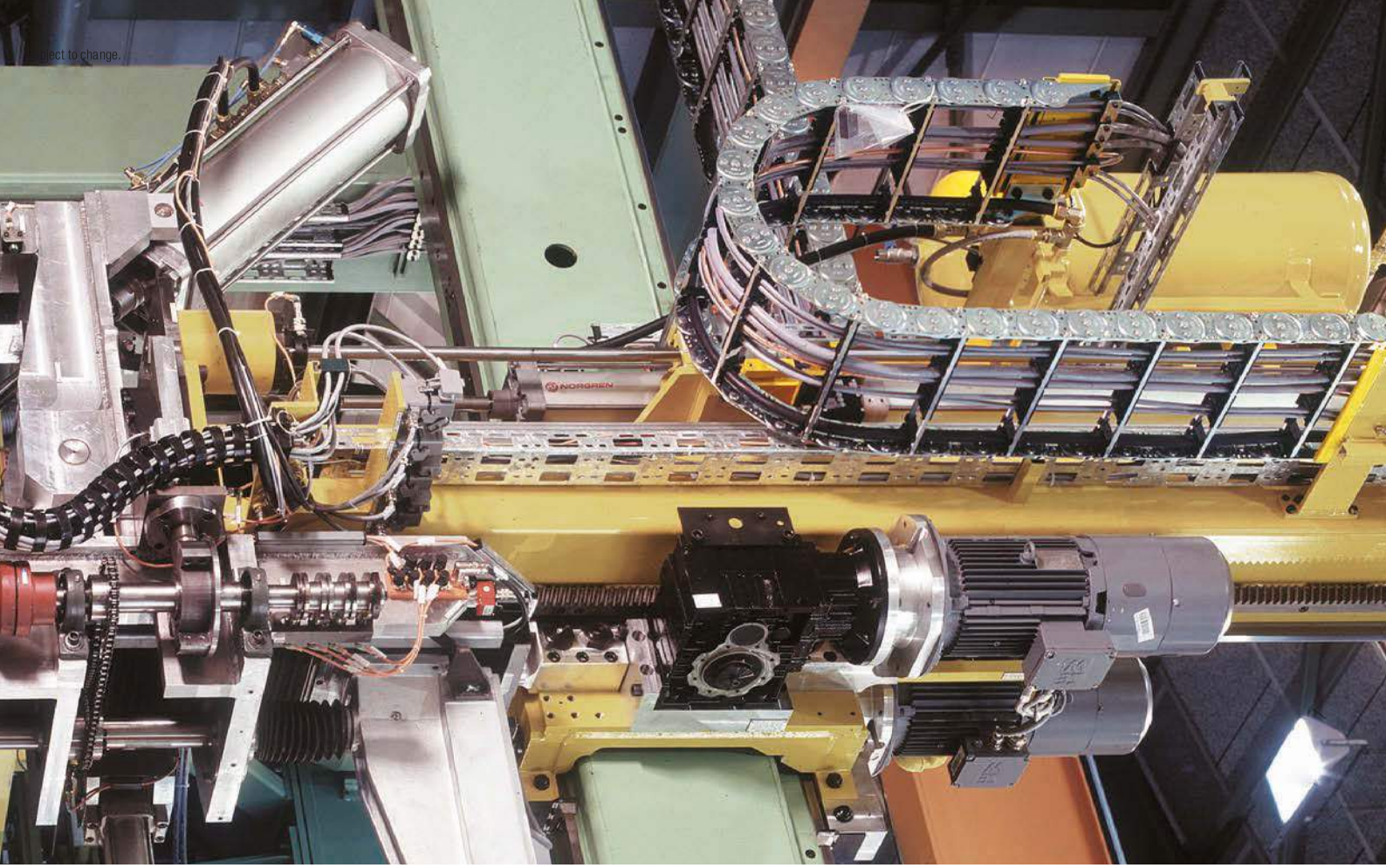
Design guidelines from page 62

Technical support: **technik@kabelschlepp.de**

online-engineer.de Cable Carrier Configurator

Subject to change.

Subject to change.



Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1250 RM | Dimensions · Technical data

Aluminum stay RM –
frame stay, solid

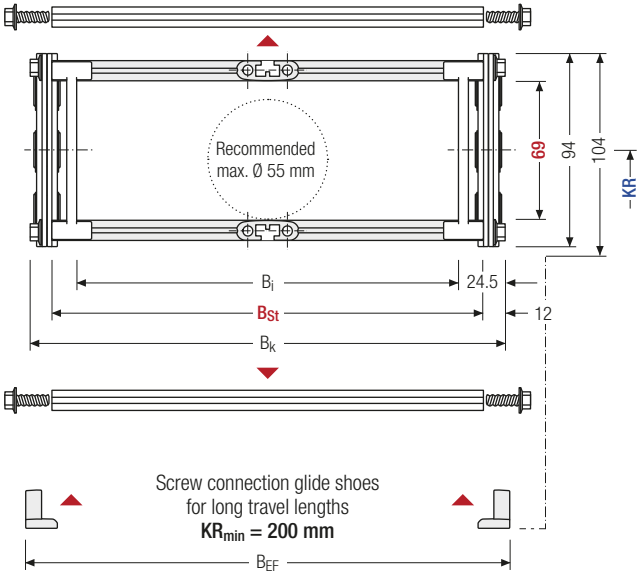
- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joints easy to release.

HEAVY DUTY
TSUBAKI KABELSCHLEPP

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_k from 200 – 800 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]							q_k [kg/m]
69	94	104	151 – 751	176 – 776	B_{St} + 24	B_{St} + 30	145	200	220	260	300	340	380	13.42 – 17.01
							420	460	500	540	600	1000		

* in 1 mm width sections

Order example

S1250	.	400	.	RM	.	200	.	St	-	4750		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX1250 RM | Inner distribution | TS0 · TS1 · TS2

Divider systems

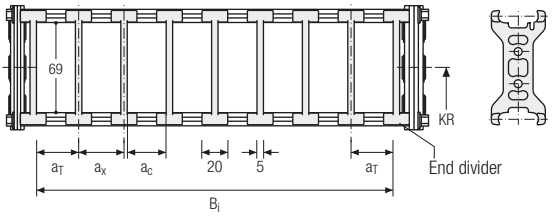
The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	17.5	20	15	–

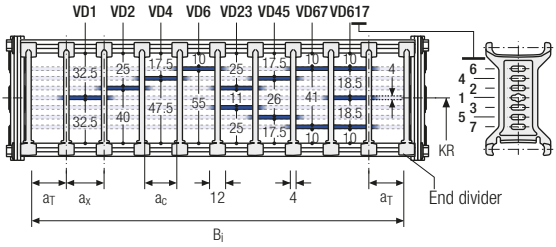
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	10	12	8	2

The dividers can be moved in the cross section.

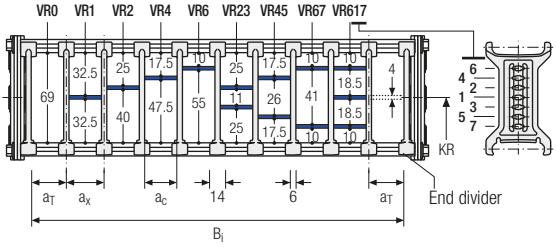


Divider system TS2 with partial height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	17	21	15	2

With grid distribution **(1 mm grid)**. The dividers are attached by the height separation, the grid can be moved in the cross section.

Sliding dividers are optionally available (thickness of divider = 4 mm).



Order example

TS2	.	A	.	3	.	K1	.	34	-	VR1
						⋮		⋮		⋮
					.	K4	.	38	-	VR3
Divider system		Version		n_T		Chamber		a_x		Height separation

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1250 RR | Dimensions · Technical data

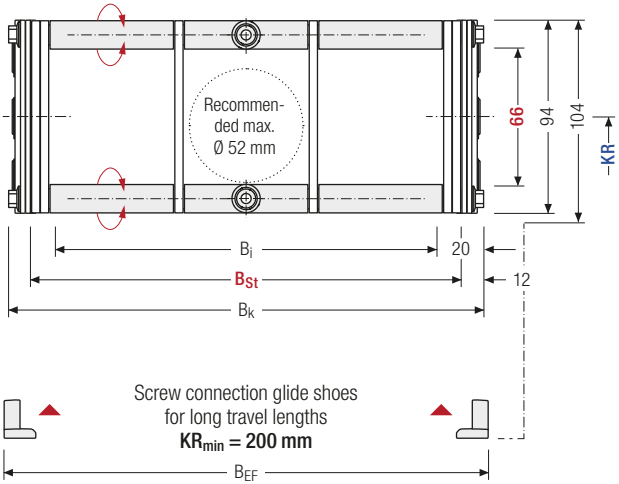
Tube stay RR –
frame stay, tube version

- Steel rolling stays with gentle cable support and plastic dividers. Ideal for using media hoses with soft sheathing. Easy screw connection.
- Available customized in **1 mm width sections**.
- **Inside/outside:** Screw connection detachable
- **Option:** Divider systems made from steel and stainless steel ER 1, ER 1S.

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm B_k from 200 – 800 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]							q_k [kg/m]
66	94	104	160 – 560	176 – 576	B_{St} + 24	B_{St} + 30	145	200	220	260	300	340	380	13.82
							420	460	500	540	600	1000		17.30

* in 1 mm width sections

Order example

S1250	.	400	.	RR	.	200	.	St	-	4750		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX1250 RR | Inner distribution | TS0 · TS1 · TS2

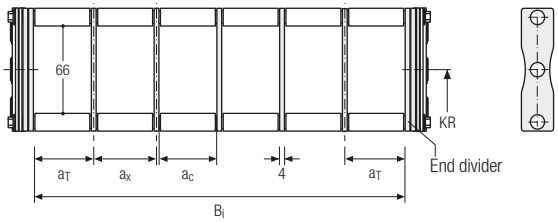
Divider systems

As a standard, the divider system is mounted on each crossbar – for stay mounting on every 2nd chain link (HS).

The dividers are fixed through the tubes.
The tube additionally serves as a spacer between the dividers **(version B)**.

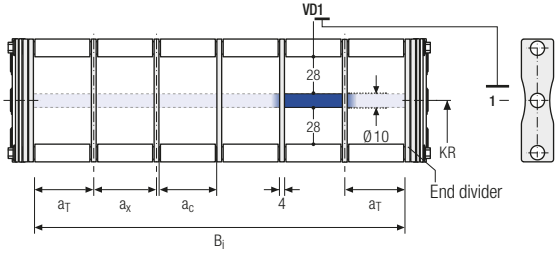
Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
B	30	30	26	–



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
B	30	30	26	2



Order example

TS1	.	B	.	3	.	K1	.	34	-	VD0
						⋮		⋮		⋮
					.	K4	.	38	-	VD0
Divider system		Version		n_T		Chamber		a_x		Height separation

Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x] (as seen from the driver).

TRAXLINE® cables for cable carriers

Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **traxline.de**

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1250 LG | Dimensions · Technical data

Aluminum stay LG –
hole stay, split version

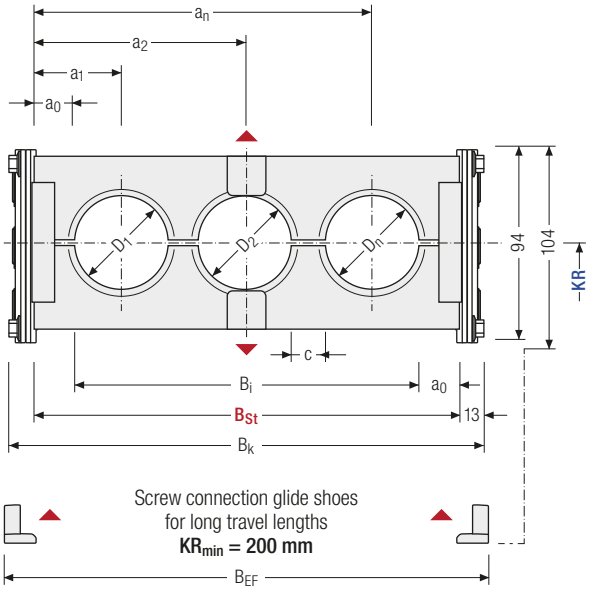
- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint easy to release.

HEAVY DUTY
TSUBAKI KABELSCHLEPP

Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_i 130 – 800 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

Calculating the stay width

Stay width B_{St}

$$B_{St} = \sum D + \sum c + 2\ a_0$$

D_{max} [mm]	D_{min} [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	c_{min} [mm]	$a_{0\ min}$ [mm]	KR [mm]					q_k 50 %** [kg/m]
74	12	94	104	82 – 752	104 – 774	B_{St} + 26	B_{St} + 32	4	11	145	200	220	260	300	13.10
										340	380	420	460	500	18.22
										540	600	1000			

* in 1 mm width sections ** Hole ratio of the hole stay approx. 50 %

Order example

S1250	.	400	.	LG	.	200	.	St	-	4750	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Subject to change.

Inner heights

74

Chain widths

130
800

Increments

1 mm

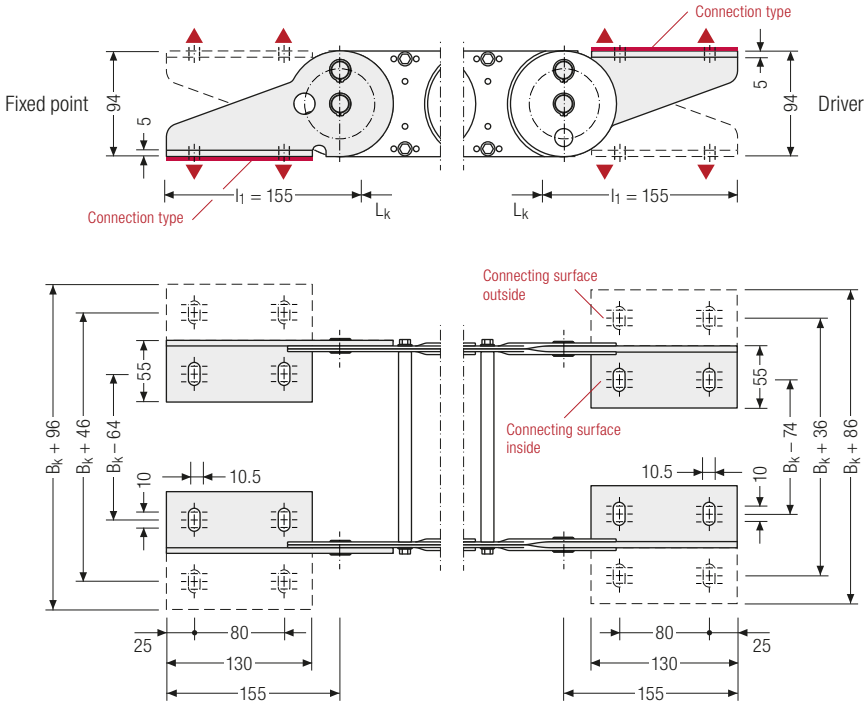
tsubaki-kabelschlepp.com/s-sx

Subject to change.

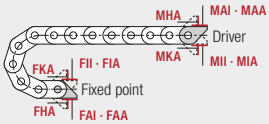
S/SX1250 | End connectors | Steel connectors

End connectors – steel

End connectors made of steel. The connection variants on the fixed point and on the driver can be combined and changed later on, if necessary.



▲ Assembly options



Connection point
- **F** – fixed point
- **M** – driver

Connection type
- **A** – threaded joint to outside (standard)
- **I** – threaded joint to inside
- **H** – threaded joint, rotated 90° to the outside
- **K** – threaded joint, rotated 90° to the inside

Connection surface
- **I** – connection surface inside (standard)
- **A** – connection surface outside

Caution: The standard connection variant FAI/MAI is only possible from B_k of 125 mm.

Order example

Steel	.	F	A	I
Steel	.	M	A	I
End connector		Connection point	Connection type	Connection surface

We recommend the use of strain reliefs before driver and fixed point. See from p. 794.

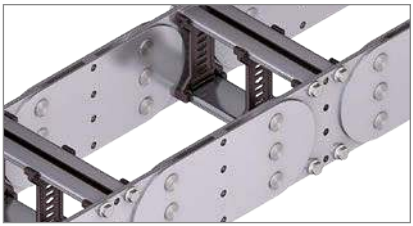
Key for abbreviations on page 16
Design guidelines from page 62

Technical support: technik@kabelschlepp.de
online-engineer.de Cable Carrier Configurator

Subject to change.

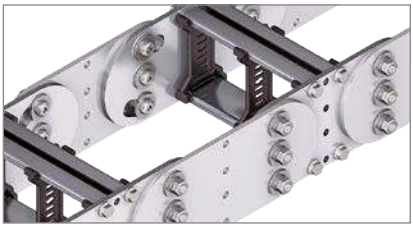
Special designs

S/SX1252 – with closed stroke system and straight link plates



- Closed stroke system protected between link plates mounted on both sides.
- Symmetrical side band design.
- Long service life even under the toughest conditions, e.g. large amounts of foundry sand, emery or scale thanks to optimized cable carrier geometry.

S/SX1252 B – with internal stroke system and straight link plates



- Open stroke system.
- Link plates of the side bands are mounted offset.
- Long service life even under the toughest conditions, e.g. large amounts of foundry sand, emery or scale thanks to optimized cable carrier geometry.
- The optimized, "self-cleaning" geometry prevents blocking of the stops through dirt.
- Version with bolted side bands.

TOTALTRAX® complete systems

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TRAXLINE® cables for cable carriers

Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **traxline.de**

Subject to change.

S/SX1800

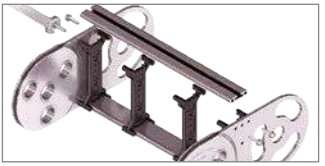
Pitch
180 mm

Inner height
104 – 110 mm

Chain widths
180 – 1000 mm

Bending radii
265 – 1300 mm

Stay variants



Aluminum stay RM page 662

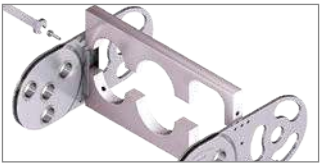
Frame stay, solid

- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- **Inside/outside:** Threaded joints easy to release.

Aluminum stay RR page 664

Frame stay, tube version

- Steel rolling stays with gentle cable support and steel dividers. Ideal for using media hoses with soft sheathing.
- **Inside/outside:** Screw connection detachable.



Aluminum stay LG page 666

Frame stay, split

- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- **Inside/outside:** Threaded joint easy to release.

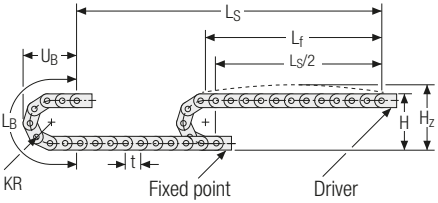
S/SX tubes

Also available as covered variants with cover system or steel band cover. More information can be found in chapter "S/SX tubes" from p. 692.

Subject to change.

S/SX1800 | Installation dim. | Unsupported · Gliding

Unsupported arrangement



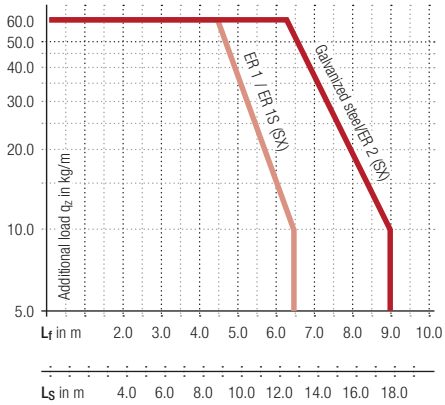
KR [mm]	H [mm]	L_B [mm]	U_B [mm]
265	740	1552	695
320	850	1725	750
375	960	1898	805
435	1080	2087	865
490	1190	2259	920
605	1420	2620	1035
720	1650	2982	1150
890	1990	3516	1320
1175	2560	4411	1605
1300	2810	4804	1730

Installation height H_z

$H_z = H + 10$ mm/m

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight $q_k = 26$ kg/m. For other inner widths, the maximum additional load changes.



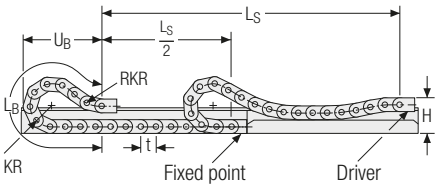
Speed
up to 2 m/s

Acceleration
up to 3 m/s²

Travel length
up to 17.8 m

Additional load
up to 60 kg/m

Gliding arrangement



The gliding cable carrier must be guided in a channel. See p. 732.

Glide shoes have to be used for gliding applications.

Speed
up to 0.8 m/s

Acceleration
up to 2 m/s²

Travel length
on request

Additional load
up to 60 kg/m

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1800 RM | Dimensions · Technical data

Aluminum stay RM –
frame stay, solid

- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joints easy to release.

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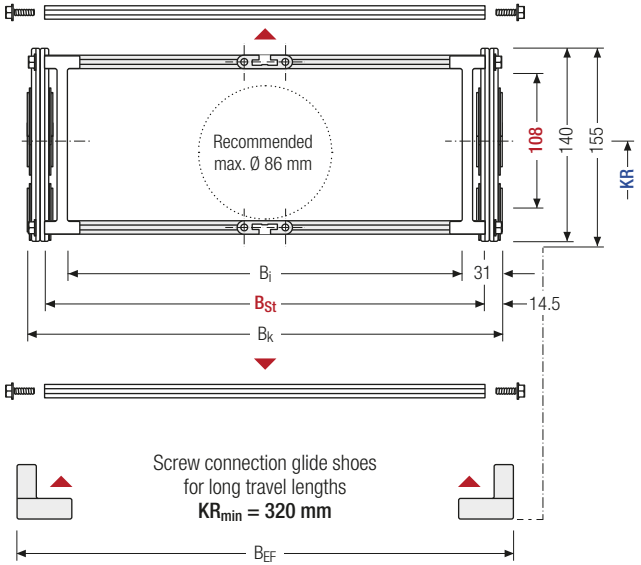
Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 250 – 1000 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]					q_k [kg/m]
108	140	155	188 – 938	221 – 971	B_{St} + 29	B_{St} + 37	265	320	375	435	490	24.08 – 28.46
							605	720	890	1175	1300	

* in 1 mm width sections

Order example

SX1800	.	417	.	RM	.	375	.	St	-	5940		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX1800 RM | Inner distribution | TS0 · TS1 · TS3

Divider systems

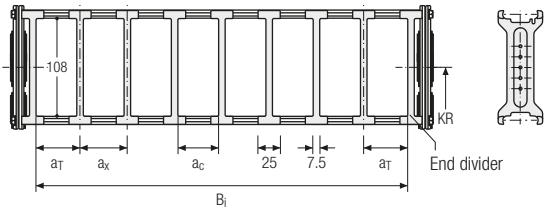
The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS).

As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	21.5	25	17.5	–

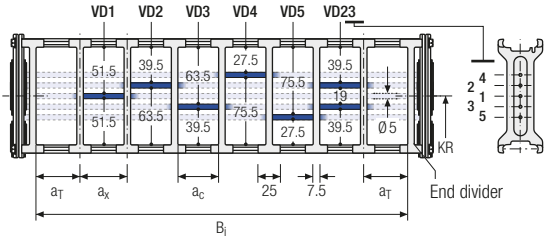
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	21.5	25	17.5	2

The dividers can be moved in the cross section.

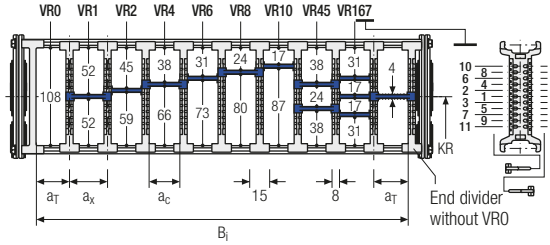


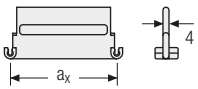
Divider system TS3 with height separation consisting of plastic partitions

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	11,5	16 / 42*	8	2

* For aluminum partitions

The dividers are fixed with the partitions. The entire divider system can be moved in the cross section.





Aluminum partitions in 1 mm width increments with **a_x > 42 mm** are also available.

a_x (center distance of dividers) [mm]											
a_C (nominal width of inner chamber) [mm]											
16	**18**	**23**	**28**	**32**	**33**	**38**	**43**	**48**	**58**	**64**	**68**
8	10	15	20	24	25	30	35	40	50	56	60
78	**80**	**88**	**96**	**112**	**128**	**144**	**160**	**176**	**192**	**208**	
70	72	80	88	104	120	136	152	168	184	200	

When using **plastic partitions with a_x > 112 mm**, we recommend an additional center support with a **twin divider** (S_T = 4 mm). Twin dividers are also suitable for retrofitting in the partition system.

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1800 RR | Dimensions · Technical data

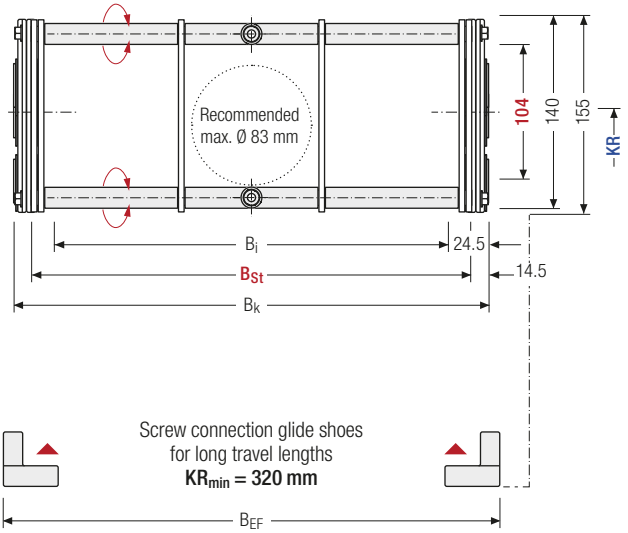
Tube stay RR –
frame stay, tube version

- Steel rolling stays with gentle cable support and plastic dividers. Ideal for using media hoses with soft sheathing. Easy screw connection.
- Available customized in **1 mm width sections**.
- **Inside/outside:** Screw connection detachable
- **Option:** Divider systems made from steel and stainless steel ER 1, ER 1S.

Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm — B_k from 250 – 800 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

h_i [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	KR [mm]					q_k [kg/m]
104	140	155	201 – 751	221 – 771	B_{St} + 29	B_{St} + 40	265	320	375	435	490	26,57 – 36,05
							605	720	890	1175	1300	

* in 1 mm width sections

Order example

S1800	.	417	.	RR	.	375	.	St	-	5940		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX1800 RR | Inner distribution | TS0 · TS1

Divider systems

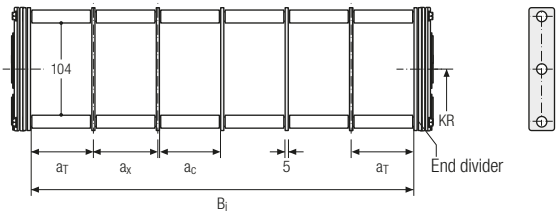
As a standard, the divider system is mounted on each crossbar – for stay mounting on every 2nd chain link (HS).

The dividers are fixed through the tubes.
The tube additionally serves as a spacer between the dividers **(version B)**.

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
B	45	45	40	–

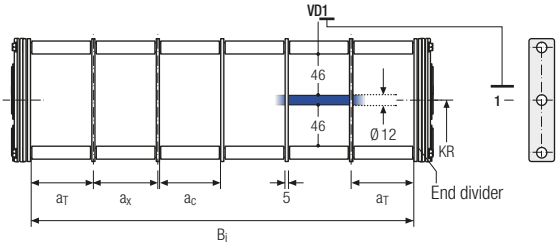
The dividers can be moved in the cross section.



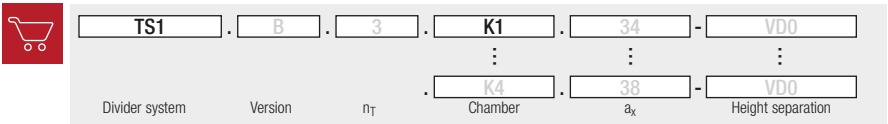
Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
B	45	45	40	2

The dividers can be moved in the cross section.



Order example



Please state the designation of the divider system **(TS0, TS1 …)**, version and number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x] (as seen from the driver).

TRAXLINE® cables for cable carriers

Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **traxline.de**

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX1800 LG | Dimensions · Technical data

Aluminum stay LG –
hole stay, split version

- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint easy to release.

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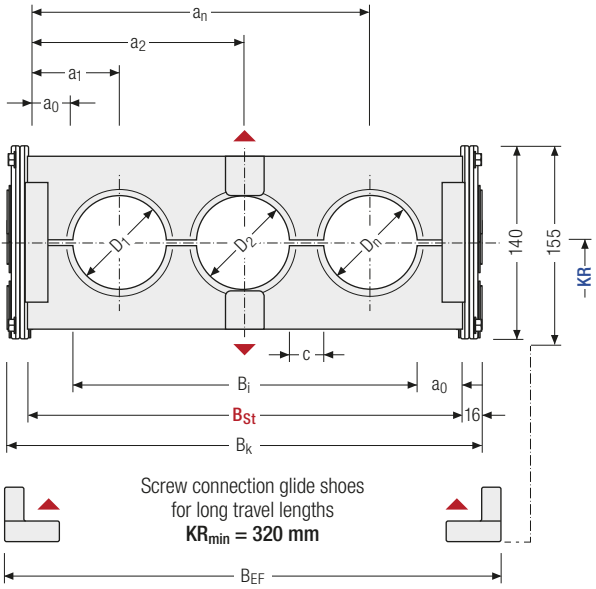
Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_i 180 – 1000 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t

Calculating the stay width

Stay width B_{St}

$$B_{St} = \sum D + \sum c + 2\ a_0$$

D_{max} [mm]	D_{min} [mm]	h_G [mm]	$h_{G'}$ [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	B_{EF} [mm]	c_{min} [mm]	$a_{0\,min}$ [mm]	KR [mm]				q_k 50 %** [kg/m]
110	12	140	155	121 – 941	148 – 968	B_{St} + 32	B_{St} + 40	4	13.5	265	320	375	435	24.38
										490	605	720	890	35.08
										1175	1300			

* in 1 mm width sections ** Hole ratio of the hole stay approx. 50 %

Order example

S1800	.	417	.	LG	.	375	.	St	-	5940	HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]	Stay arrangement

Subject to change.

Inner heights

110

Chain widths

180 – 1000

Incre-ments

1 mm

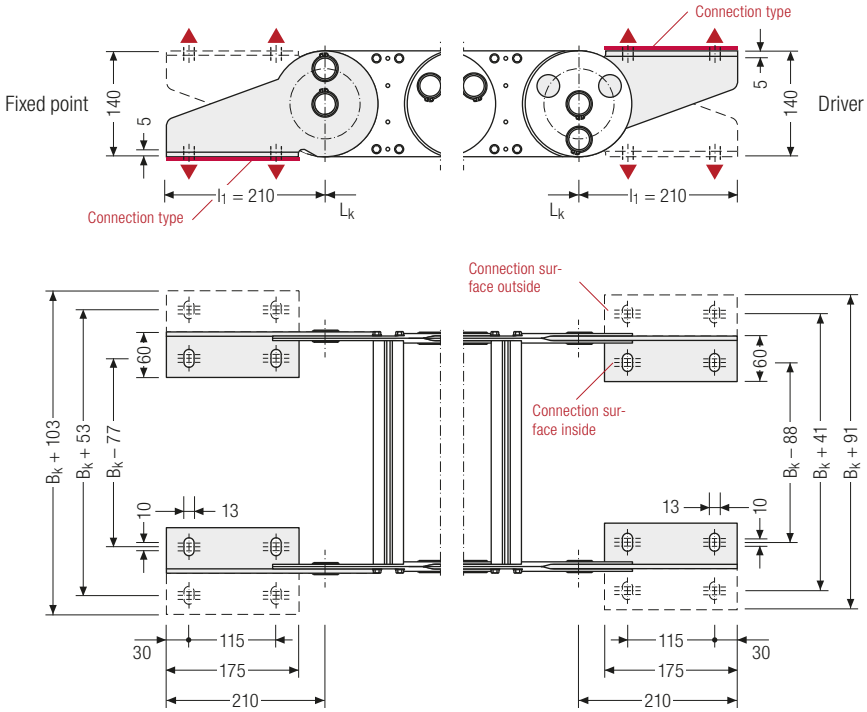
tsubaki-kabelschlepp.com/s-sx

Subject to change.

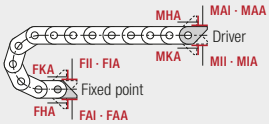
S/SX1800 | End connectors | Steel connectors

End connectors – steel

End connectors made of steel. The connection variants on the fixed point and on the driver can be combined and changed later on, if necessary.



▲ Assembly options



Connection point
F – fixed point
M – driver

Connection type
A – threaded joint to outside (standard)
I – threaded joint to inside
H – threaded joint, rotated 90° to the outside
K – threaded joint, rotated 90° to the inside

Connection surface
I – connection surface inside (standard)
A – connection surface outside

Caution: The standard connection variant FAI/MAI is only possible from B_k of 139 mm.

Order example

Steel	.	F	A	I
Steel	.	M	A	I
End connector		Connection point	Connection type	Connection surface

We recommend the use of strain reliefs before driver and fixed point. See from p. 794.

Key for abbreviations on page 16
Design guidelines from page 62

Technical support: technik@kabelschlepp.de
online-engineer.de Cable Carrier Configurator

Subject to change.

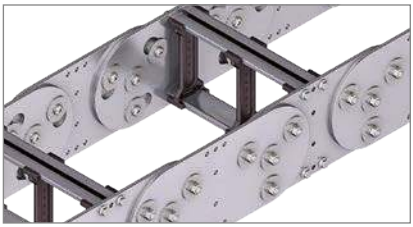
S/SX1802 / S/SX1802 B | Special designs

Special designs

S/SX1802 – with closed stroke system and straight link plates

- Closed stroke system protected between link plates mounted on both sides.
- Symmetrical side band design.
- Long service life even under the toughest conditions, e.g. large amounts of foundry sand, emery or scale thanks to optimized cable carrier geometry.

S/SX1802 B – with internal stroke system and straight link plates



- Open stroke system.
- Link plates of the side bands are mounted offset.
- Long service life even under the toughest conditions, e.g. large amounts of foundry sand, emery or scale thanks to optimized cable carrier geometry.
- The optimized, "self-cleaning" geometry prevents blocking of the stops through dirt.
- Version with bolted side bands.

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TRAXLINE® cables for cable carriers

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Subject to change.

S/SX2500

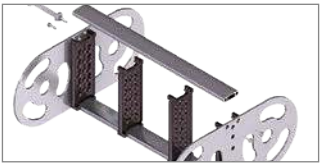
Pitch
250 mm

Inner height
180 – 183 mm

Chain widths
250 – 1200 mm

Bending radii
365 – 1395 mm

Stay variants



Aluminum stay RM page 672

Frame stay, solid

- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- **Inside/outside:** Threaded joint easy to release.

Aluminum stay LG page 674

Frame stay, split

- Optimum cable routing in the neutral bending line. Split version for easy cable routing.
- **Inside/outside:** Threaded joint easy to release.

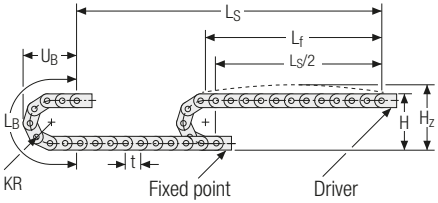
Steel band cover

Also available as covered variants with steel band cover. More information can be found in chapter "steel band cover" from p. 806.

Subject to change.

S/SX2500 | Installation dim. | Unsupported

Unsupported arrangement



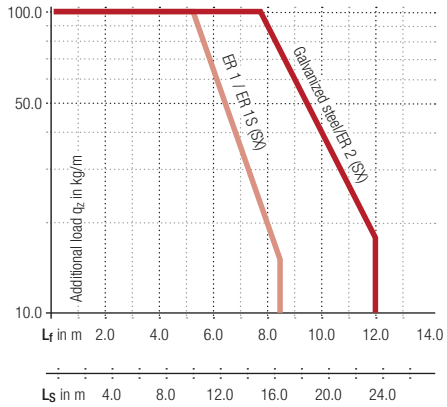
KR [mm]	H [mm]	L_B [mm]	U_B [mm]
365	1060	2147	975
445	1220	2398	1055
600	1530	2885	1210
760	1850	3388	1370
920	2170	3890	1530
1075	2480	4377	1685
1235	2800	4880	1845
1395	3120	5383	2005

Installation height H_Z

$H_Z = H + 10$ mm/m

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight $q_k = 41$ kg/m. For other inner widths, the maximum additional load changes.



Speed
up to 1 m/s

Acceleration
up to 3 m/s²

Travel length
up to 23.7 m

Additional load
up to 100 kg/m

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

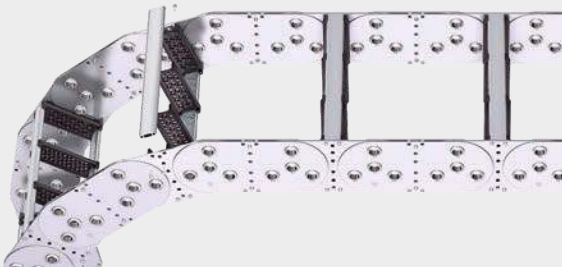
online-engineer.de
Cable Carrier Configurator

S/SX2500 RM | Dimensions · Technical data

Aluminum stay RM –
frame stay, solid

- Aluminum profile bars for heavy loads and maximum cable carrier widths. Double threaded joint on both sides **"Heavy Duty"**.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint easy to release.

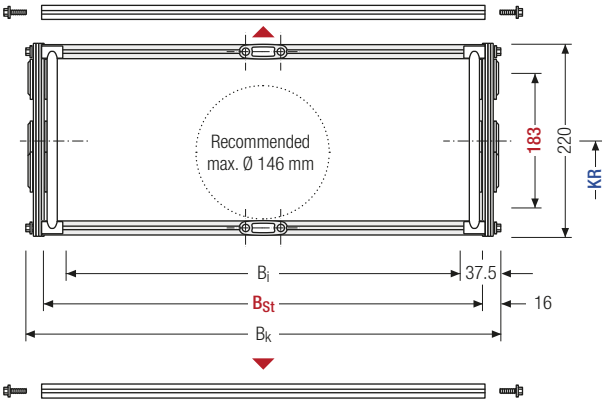
HEAVY DUTY
TSUBAKI KABELSCHLEPP



Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_i 250 – 1200 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

h_i [mm]	h_G [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	KR [mm]				q_k [kg/m]
183	220	175 – 1125	218 – 1168	B_{St} + 32	365 – 920	445 – 1075	600 – 1235	760 – 1395	38.68 – 44.58

* in 1 mm width sections

Order example

S2500	.	806	.	RM	.	760	.	St	-	9250		HS
Type		B_{St} [mm]		Stay variant		KR [mm]		Material		L_k [mm]		Stay arrangement

Subject to change.

S/SX2500 RM | Inner distribution | TS0 · TS1 · TS2

Divider systems

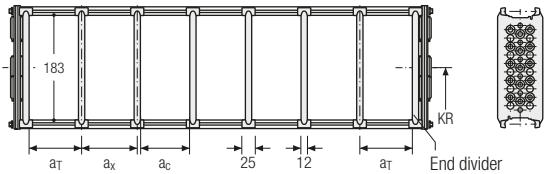
As a standard, the divider system is mounted on each crossbar – for stay mounting on every 2nd chain link (HS).

As a standard, dividers and the complete divider system (dividers with height separations) can be moved in the cross section **(version A).**

Divider system TS0 without height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	19	25	13	–

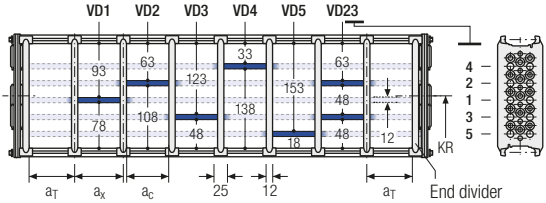
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	19	25	13	2

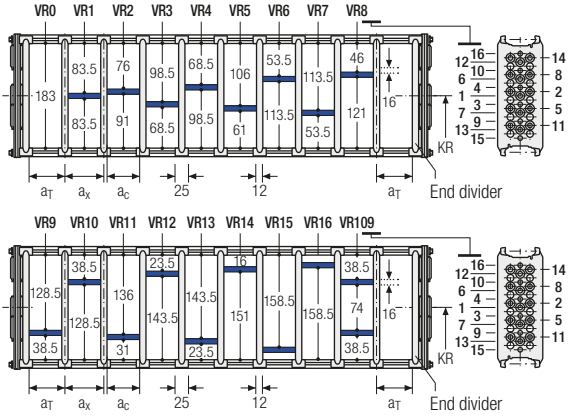
The dividers can be moved in the cross section.



Divider system TS2 with partial height separation

Vers.	$a_{T\ min}$ [mm]	$a_{x\ min}$ [mm]	$a_{C\ min}$ [mm]	$n_{T\ min}$
A	40	46	34	2

Standard height separation with **tube Ø 16 mm.**
The dividers can be moved in the cross section.



Order example

TS1	.	A	.	2	.	K1	.	34	-	VD1
						⋮		⋮		⋮
					.	K3	.	38	-	VD3
Divider system		Version		n_T		Chamber		a_x		Height separation

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

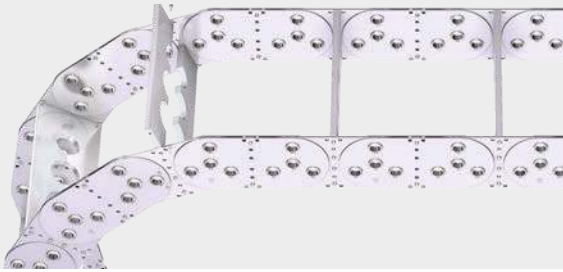
online-engineer.de
Cable Carrier Configurator

S/SX2500 LG | Dimensions · Technical data

Aluminum stay LG –
hole stay, split version

- Optimum cable routing in the neutral bending line. Split version for easy cable routing.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint easy to release.

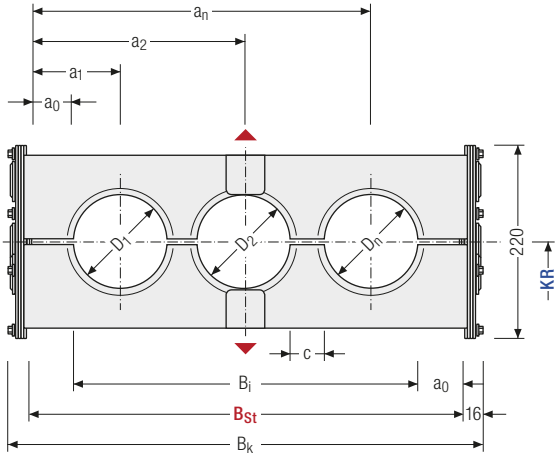
HEAVY DUTY
TSUBAKI KABELSCHLEPP



Stay arrangement on every 2nd chain link standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

B_i 250 – 1200 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

Calculating the stay width

Stay width B_{St}

$$B_{St} = \sum D + \sum c + 2\ a_0$$

D_{max} [mm]	D_{min} [mm]	h_G [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	c_{min} [mm]	$a_{0\ min}$ [mm]	KR [mm]				q_k 50 %** [kg/m]
180	12	220	174 – 1124	218 – 1168	B_{St} + 32	4	22	365 – 920	445 – 1075	600 – 1235	760 – 1395	36.66 – 48.36

* in 1 mm width sections ** Hole ratio of the hole stay approx. 50 %

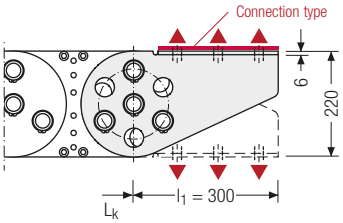
Order example

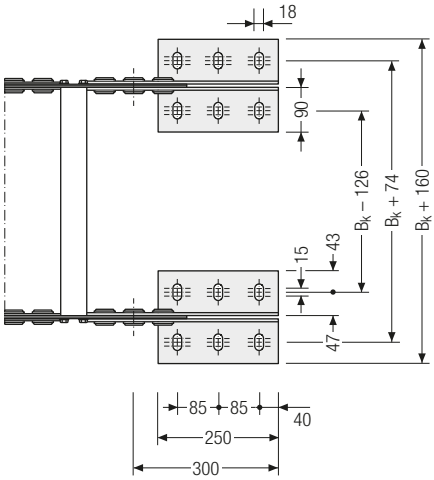
SX2500	806	LG	760	St	9250	HS
Type	B_{St} [mm]	Stay variant	KR [mm]	Material	L_k [mm]	Stay arrangement

Subject to change.

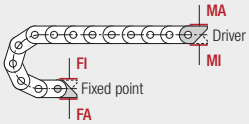
End connectors – steel

End connectors made of steel. The connection variants on the fixed point and on the driver can be combined and, if required, changed afterwards.





▲ Assembly options



Connection point
F – fixed point
M – driver

Connection type
A – threaded joint outside (standard)
I – threaded joint inside

Order example

Steel	.	F	A
Steel	.	M	A
End connector		Connection point	Connection type

We recommend the use of strain reliefs before driver and fixed point. See from p. 794.

More product information online

Assembly instructions etc.: Additional info via your smartphone or check online at **tsubaki-kabelschlepp.com/support**

Configure your custom cable carrier here: **onlineengineer.de**

Subject to change.

S/SX3200

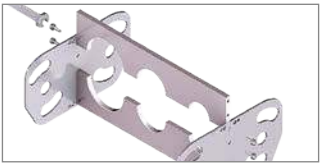
Pitch
320 mm

Inner height
220 mm

Chain widths
250 – 1500 mm

Bending radii
470 – 1785 mm

Stay variants



Aluminum stay LG ..... page 678

Frame stay, split

- Optimum cable routing in the neutral bending line. Split version for easy cable routing.
- **Inside/outside:** Threaded joint easy to release.

Stay variant RR available as a customized design.
Please contact us.

TOTALTRAX® complete systems

Benefit from the advantages of the TOTALTRAX® complete system. A complete delivery from one source – with a warranty certificate on request! Learn more at **tsubaki-kabelschlepp.com/totaltrax**

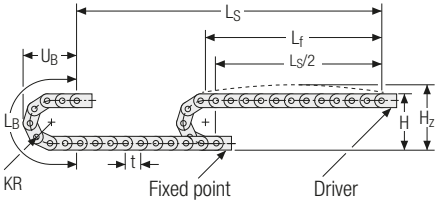
TRAXLINE® cables for cable carriers

Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **traxline.de**

Subject to change.

S/SX3200 | Installation dim. | Unsupported

Unsupported arrangement



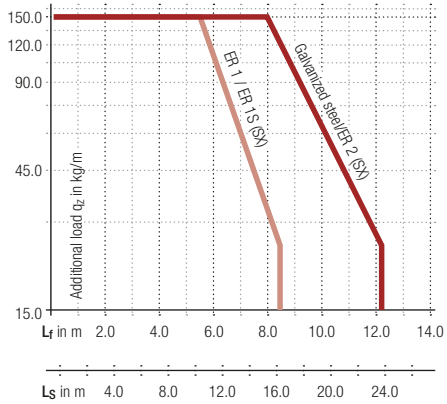
KR [mm]	H [mm]	L_B [mm]	U_B [mm]
470	1390	2757	1260
670	1790	3385	1460
870	2190	4013	1660
1075	2600	4657	1865
1275	3000	5286	2065
1480	3410	5930	2270
1785	4020	6888	2575

Installation height H_Z

$H_Z = H + 10$ mm/m

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight $q_k = 41$ kg/m. For other inner widths, the maximum additional load changes.



Speed
up to 1 m/s

Acceleration
up to 2.5 m/s²

Travel length
up to 24 m

Additional load
up to 150 kg/m

More product information online

Assembly instructions etc.: Additional info via your smartphone or check online at **tsubaki-kabelschlepp.com/support**

Configure your custom cable carrier here: **online-engineer.de**

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

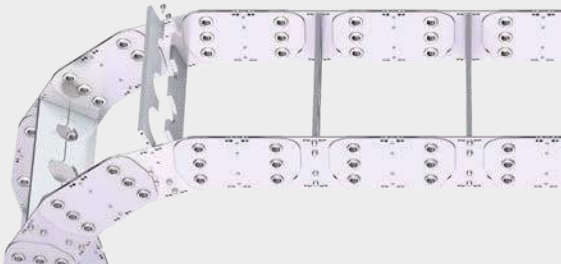
online-engineer.de
Cable Carrier Configurator

S/SX3200 LG | Dimensions · Technical data

Aluminum stay LG – hole stay, split version

- Optimum cable routing in the neutral bending line. Split version for easy cable routing.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint easy to release.

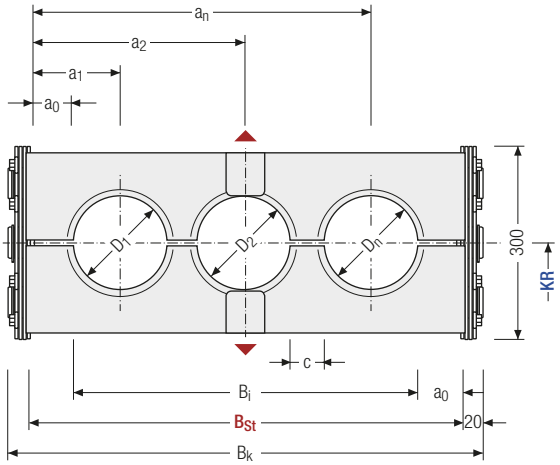
HEAVY DUTY
TSUBAKI KABELSCHLEPP



Stay arrangement on every 2nd chain link, standard **(HS: half-stayed)**

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm
B_i 250 – 1500 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

Calculating the stay width

Stay width B_{St}

$$B_{St} = \sum D + \sum c + 2\ a_0$$

D_{max} [mm]	D_{min} [mm]	h_G [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	c_{min} [mm]	$a_{0\ min}$ [mm]	KR [mm]				q_k 50 %** [kg/m]
220	12	300	166 – 1416	210 – 1460	B_{St} + 40	4	22	470	670	870	1075	57.48 – 72.66
								1275	1480	1785		

* in 1 mm width sections ** Hole ratio of the hole stay approx. 50 %

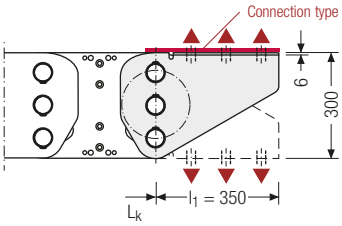
Order example

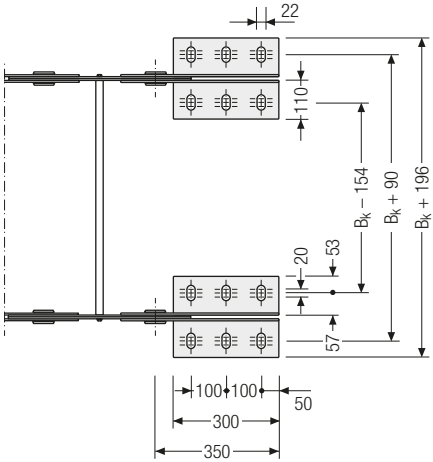
SX3200	776	LG	1075	ER 1	9280	HS
Type	B_{St} [mm]	Stay variant	KR [mm]	Material	L_k [mm]	Stay arrangement

Subject to change.

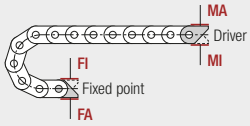
End connectors – steel

End connectors made of steel. The connection variants on the fixed point and on the driver can be combined and, if required, changed afterwards.





▲ Assembly options



Connection point
F – fixed point
M – driver

Connection type
A – threaded joint outside (standard)
I – threaded joint inside

Order example

Steel	.	F	A
Steel	.	M	A
End connector		Connection point	Connection type

We recommend the use of strain reliefs before driver and fixed point. See from p. 794.

More product information online

Assembly instructions etc.: Additional info via your smartphone or check online at **tsubaki-kabelschlepp.com/support**

Configure your custom cable carrier here: **onlineengineer.de**

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

Technical support: technik@kabelschlepp.de

online-engineer.de Cable Carrier Configurator

S/SX 5000–8000

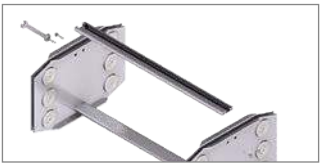
Pitch
200 – 550 mm

Inner heights
150 – 578 mm

Chain widths
250 – 1800 mm

Bending radii
min. 500 mm

Stay variants



Steel stay special design ..... from page 682

Steel frame stay, bolted

- Steel profile bars for extremely high additional loads and very large cable carrier widths. Double threaded joint on both sides.
- **Inside/outside:** Threaded joint can be released.

Cable carriers of types 5000 – 8000 are **customized products** for special applications, e.g. offshore use.

TOTALTRAX® complete systems

Benefit from the advantages of the TOTALTRAX® complete system. A complete delivery from one source – with a warranty certificate on request! Learn more at **tsubaki-kabelschlepp.com/totaltrax**

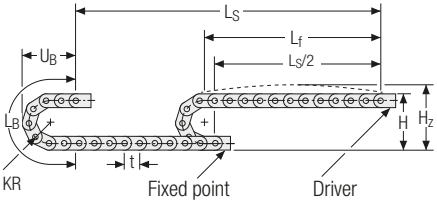
TRAXLINE® cables for cable carriers

Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **traxline.de**

Subject to change.

S/SX5000 / 6… / 7… / 8… | Unsupported

Unsupported arrangement



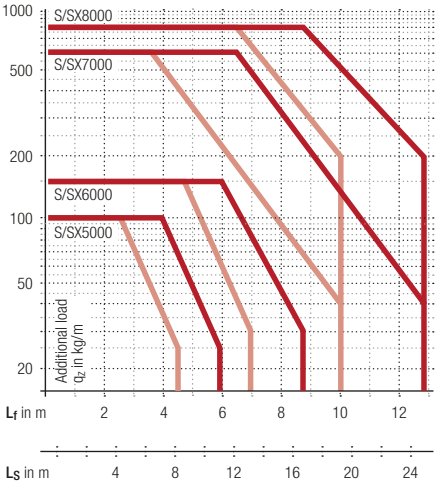
Type	KR [mm]	H [mm]	L_B [mm]	U_B [mm]
S/SX5000	min. 500	1200	1970	800
	max. 1200	2600	4170	1500
S/SX6000	min. 700	1700	2840	1170
	max. 1500	3300	5350	1970
S/SX7000	min. 900	2250	3725	1575
	max. 2400	5250	8435	3075
S/SX8000	min. 900	2400	3925	1750
	max. 2400	5400	8635	3250

Installation height H_Z

$H_Z = H + 10$ mm/m

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight q_k
50 kg/m for S/SX5000
75 kg/m for S/SX6000
150 kg/m for S/SX7000
230 kg/m for S/SX8000
For other inner widths, the maximum additional load changes.



S5000/6…/7…/8… galvanized steel
SX5000/6…/7…/8… ER 2
SX5000/6…/7…/8… ER 1 / ER 1S

Speed

S/SX5000 up to 2.0 m/s
S/SX6000 up to 1.5 m/s
S/SX7000 up to 0.5 m/s
S/SX8000 up to 0.5 m/s

Acceleration

S/SX5000 up to 3.0 m/s²
S/SX6000 up to 2.0 m/s²
S/SX7000 up to 0.3 m/s²
S/SX8000 up to 0.3 m/s²

Travel length

S/SX5000 up to 11.0 m
S/SX6000 up to 16.7 m
S/SX7000 up to 24.9 m
S/SX8000 up to 24.9 m

Additional load

S/SX5000 up to 100 kg/m
S/SX6000 up to 150 kg/m
S/SX7000 up to 600 kg/m
S/SX8000 up to 800 kg/m

More product information online

Assembly instructions etc.: Additional info via your smartphone or check online at **tsubaki-kabelschlepp.com/support**

Configure your custom cable carrier here: **online-engineer.de**

Subject to change.

Key for abbreviations on page 16

Design guidelines from page 62

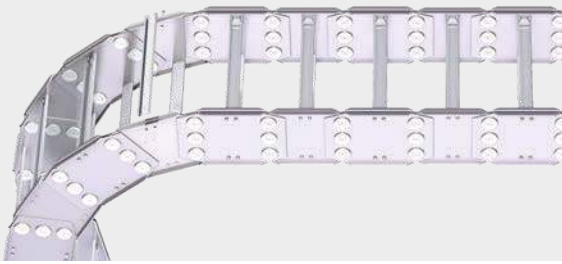
Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

S/SX5000 | Dimensions · Technical data

Steel stay –
steel frame stay, bolted

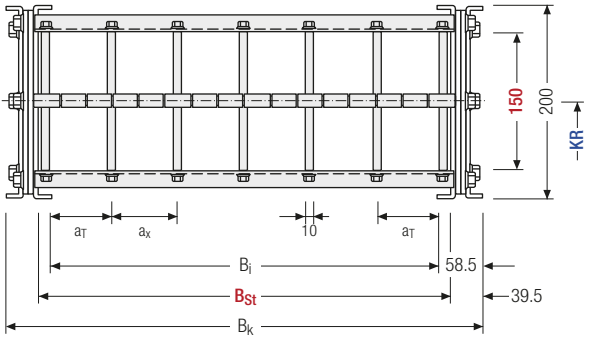
- Steel profile bars for extremely high additional loads and very large cable carrier widths. Double threaded joint on both sides.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint can be released.



Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm

B_i 250 – 1200 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

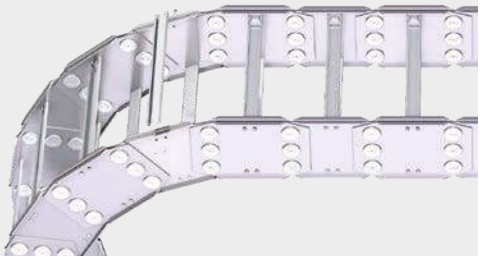
h_i [mm]	h_G [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	$a_{T\,max}$ [mm]	$a_{x\,max}$ [mm]	$n_{T\,min}$	KR [mm]**	q_k [kg/m]
150	200	133 – 1083	171 – 1121	B_{St} + 79	150	150	2	500 – 1200	42.5 – 52.0

* in 1 mm width sections
** individual intermediate sizes available

Subject to change.

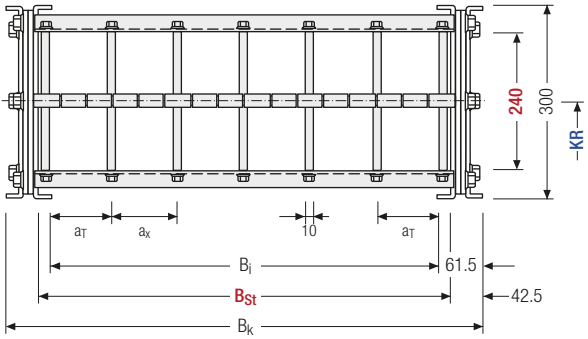
Steel stay –
steel frame stay, bolted

- Steel profile bars for extremely high additional loads and very large cable carrier widths. Double threaded joint on both sides.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint can be released.



Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm B_i 300 – 1500 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

h_i [mm]	h_G [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	$a_{T\,max}$ [mm]	$a_{x\,max}$ [mm]	$n_{T\,min}$	KR [mm]**	q_k [kg/m]
240	300	177 – 1377	215 – 1415	B_{St} + 85	200	200	2	700 – 1500	55 – 79

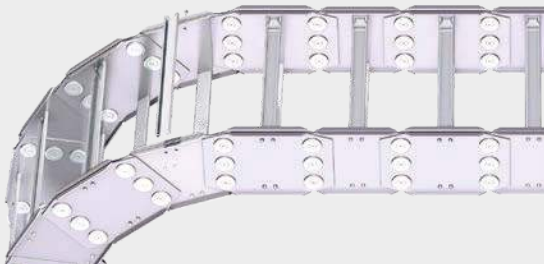
* in 1 mm width sections
** individual intermediate sizes available

Subject to change.

S/SX7000 | Dimensions · Technical data

Steel stay –
steel frame stay, bolted

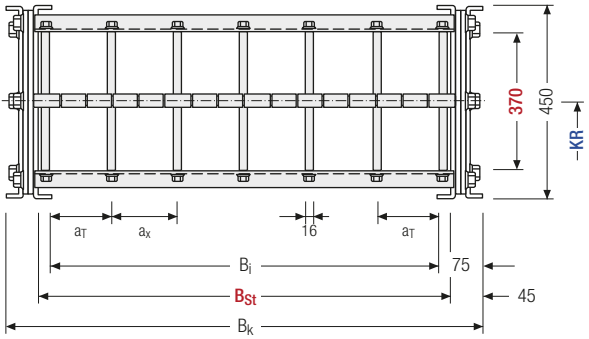
- Steel profile bars for extremely high additional loads and very large cable carrier widths. Double threaded joint on both sides.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint can be released.



Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm

B_k from 350 – 1800 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

h_i [mm]	h_G [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	$a_{T\,max}$ [mm]	$a_{x\,max}$ [mm]	$n_{T\,min}$	KR [mm]**	q_k [kg/m]
370	450	200 – 1650	**260** – **1710**	B_{St} + 90	250	250	2	**900** – **2400**	135 – 164

* in 1 mm width sections
** individual intermediate sizes available

Key for abbreviations on page 16
Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

Subject to change.

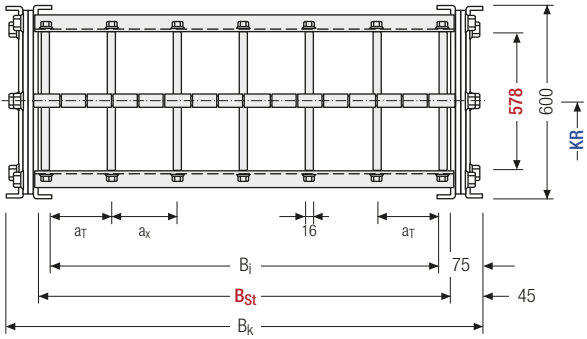
Steel stay –
steel frame stay, bolted

- Steel profile bars for extremely high additional loads and very large cable carrier widths. Double threaded joint on both sides.
- Available customized in **1 mm grid**.
- **Inside/outside:** Threaded joint can be released.

Stay arrangement on each chain link **(VS: fully-stayed)**

1 mm

B_i 350 – 1800 mm in **1 mm width sections**



The maximum cable diameter strongly depends on the bending radius and the desired cable type. Please contact us.

Calculating the cable carrier length

Cable carrier length L_k

$$L_k \approx \frac{L_S}{2} + L_B$$

Cable carrier length L_k rounded to pitch t for odd number of chain links

h_i [mm]	h_G [mm]	B_i [mm]	B_{St} [mm]*	B_k [mm]	$a_{T\,max}$ [mm]	$a_{x\,max}$ [mm]	$n_{T\,min}$	KR [mm]**	q_k [kg/m]
578	600	200 – 1650	260 – 1710	B_{St} + 90	300	300	2	900 – 2400	198 – 255

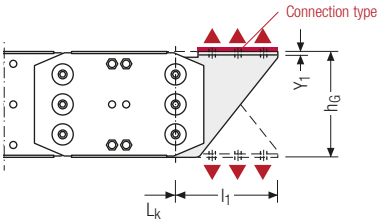
* in 1 mm width sections
** individual intermediate sizes available

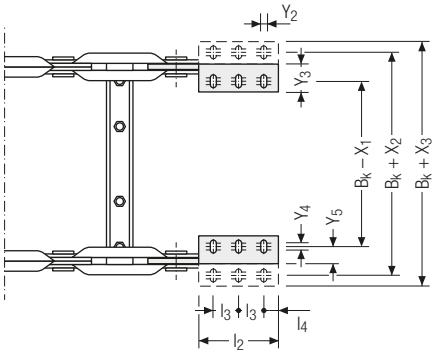
Subject to change.

S/SX5000 / 6… / 7… / 8… | End connectors

End connectors – steel

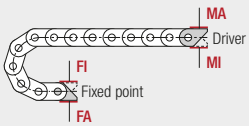
End connectors made of steel. The connection variants on the fixed point and on the driver can be combined and, if required, changed afterwards.





▲ Assembly options

Type	l_1 [mm]	l_2 [mm]	l_3 [mm]	l_4 [mm]	X_1 [mm]	X_2 [mm]	X_3 [mm]	Y_1 [mm]	Y_2 [mm]	Y_3 [mm]	Y_4 [mm]	Y_5 [mm]
S/SX5000	300	200	75	25	130	210	290	12	18	90	15	50
S/SX6000	400	300	100	50	130	210	290	12	18	90	15	50
S/SX7000	400	300	100	50	140	220	300	12	22	90	15	50
S/SX8000	400	300	100	50	140	220	300	12	22	90	15	50



Connection point
F – fixed point
M – driver

Connection type
A – threaded joint outside (standard)
I – threaded joint inside

More product information online

Assembly instructions etc.: Additional info via your smartphone or check online at **tsubaki-kabelschlepp.com/support**

Configure your custom cable carrier here: **onlineengineer.de**

Subject to change.

Subject to change

Inner heights

150 – 578

Chain widths

250 – 1800

tsubaki-kabelschlepp.com/s-sx

S/SX9000

Custom sizes

Key for abbreviations on page 16

Design guidelines from page 62

Technical support:
technik@kabelschlepp.de

online-engineer.de
Cable Carrier Configurator

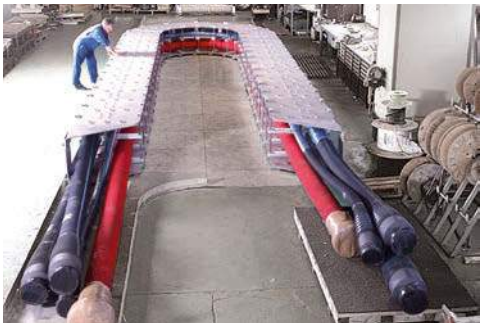
Cable carrier width
from 350 mm

For over 60 years, TSUBAKI KABELSCHLEPP has been developing and manufacturing steel cable carriers which are used in a great variety of applications, from steel works and shipbuilding to offshore oil rigs. We comply with the required quality and industry standards and are happy to develop customized solutions for your individual projects. We can manufacture special sizes in different materials as per your requirements.

- Individual problem solutions from an experienced engineering team
- Maintenance-free systems with a high level of reliability and availability
- Different materials adapted to the area of application
- Resistant to temperature, corrosion, chemicals and UV
- Suitable for use with salt water
- Explosion protection with classification EX II 2 GD as per ATEX RL
- Linear and rotating travel paths possible
- Easy and flexible assembly with modular design
- Cable weights of over 1000 kg/m possible
- Long service life

TSUBAKI KABELSCHLEPP technical support

If you have any questions about the configuration of cable carriers or other technical details please contact our technical support at technik@kabelschlepp.de. We will be happy to help you.



Subject to change.

Subject to change.