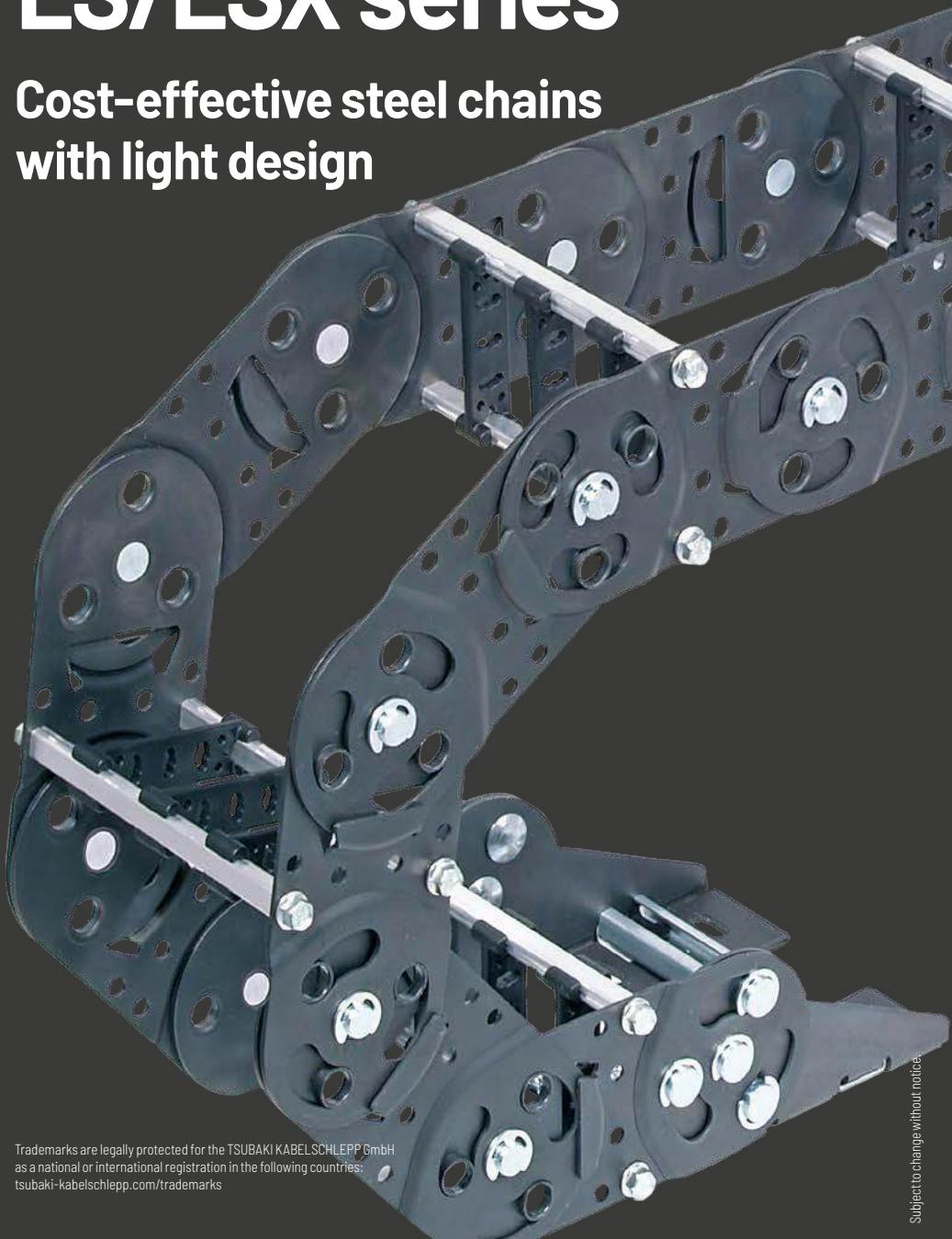


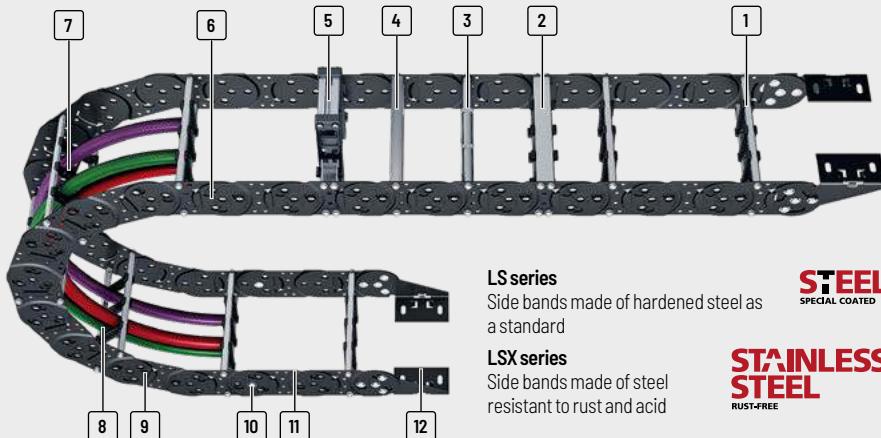
LS/LSX series

**Cost-effective steel chains
with light design**



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as a national or international registration in the following countries:
tsubaki-kabelschlepp.com/trademarks

Subject to change without notice.



1 All stays available in **1 mm width sections**
 2 4-fold bolted aluminum stays for extreme loads
 3 Rolling stays
 4 Aluminum hole stays

5 Mounting frame stays
 6 Stops integrated into link plate – no additional bolts required
 7 Different separation options for the cables
 8 Plastic or steel dividers

LS series

Side bands made of hardened steel as a standard

STEEL
SPECIAL COATED

LS series

Side bands made of steel resistant to rust and acid

STAINLESS STEEL
RUST-FREE

9 Weight-optimized side bands made of hardened steel or stainless steel
 10 Optional center bolt for applications with high loads

11 Good ratio of inner to outer width – no end divider required
 12 End connectors for different connection variants

Features

- » Weight-optimized one-part link plate design
- » Better value than comparable steel cable carriers
- » Significantly higher unsupported lengths compared to plastic cable carriers of a similar size
- » Integrated radius and pre-tension stops – in a good value design
- » Bolted stay systems, solid end connectors
- » Cover with steel band available on request
- » Also possible as a double band solution
- » Good corrosion resistance

The design

The weight-optimized link plate design makes the cable carriers very light yet highly sturdy. For the LS series, the unsupported length is significantly higher compared to plastic cable carriers of a similar size.



Weight-optimized link plates consist of only one plate – the stop system is integrated



Lightweight side bands without additional bolts – hardened steel or stainless steel



Optional: Center bolts and circlip for applications with high loads



Optional: C-rail for strain relief elements attached in the connection

	MT series	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 \leq [kg/m]	Cable- d_{max} [mm]		
	XLT series														
	ROBOTAX® System	LS/LSX1050													
	FLATVIEW®					RS2	58	80	84 - 384	100 - 400	1	105	105 - 430	35	46
						RV	58	80	84 - 584	100 - 600	1	105	105 - 430	35	46
						RR	54	80	84 - 484	100 - 500	1	105	105 - 430	35	43
	CLEANVIEW®					LG	48	80	54 - 554	100 - 600	1	105	105 - 430	35	38
	LS/LSX series					RMAI	58 (200)	80 (226)	184 - 384	200 - 400	1	105	195 - 430	35	-
	S/SX series					RMAO	58 (200)	80 (226)	184 - 384	200 - 400	1	105	105 - 430	35	-

Sturdy and durable, even under extreme conditions

Double-band steel cable carrier LS1050

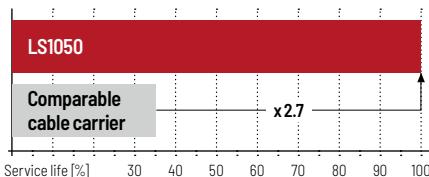
- » Up to 40% longer unsupported lengths compared to LS1050 with standard side band with the same additional load, as part of the load diagram
- » Very high additional loads: up to 40 kg/m possible
- » Long service life even with high dynamic loads
- » High travel speeds



Longer service life through hardened side bands

The hardened surface significantly increases the service life of the LS1050. Tests were carried out on cable carriers with identical designs.

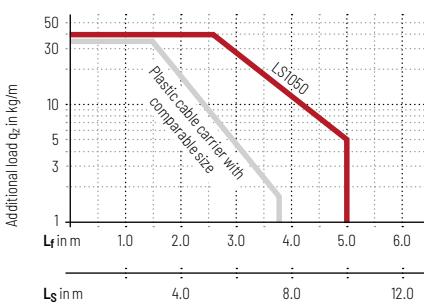
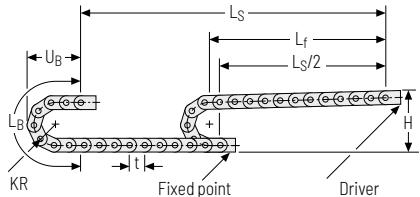
The LS1050 is therefore ideal for applications with many travel cycles, for example in 3-shift operation.



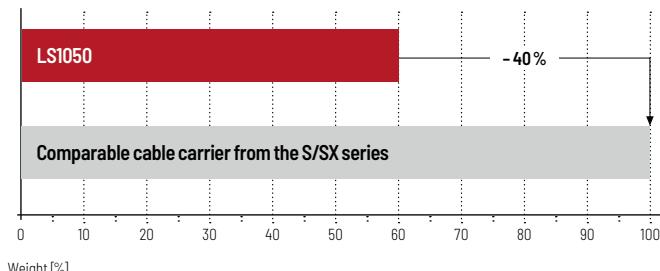
Unsupported arrangement			Gliding arrangement			Inner Distribution				Movement		Page					
Travel length \leq [m]	$v_{\max} \leq$ [m/s]	$a_{\max} \leq$ [m/s 2]	Travel length \leq [m]	$v_{\max} \leq$ [m/s]	$a_{\max} \leq$ [m/s 2]	TS0	TS1	TS2	TS3	vertical hanging or standing	lying on the side						
																	
9.5	5	10	-	-	-	•	•	•	•	•	-	-	722				
9.5	5	10	-	-	-	•	•	•	•	•	-	-	726				
9.5	5	10	-	-	-	•	•	-	-	•	-	-	730				
9.5	5	10	-	-	-	-	-	-	-	•	-	-	732				
9.5	5	10	-	-	-	•	-	-	-	•	-	-	734				
9.5	5	10	-	-	-	•	-	-	-	•	-	-	736				

Significantly higher unsupported lengths compared to plastic cable carriers of a similar size

Load diagram for unsupported length depending on the additional load



Weight-optimized through adapted link plate design



LS/LSX1050

MT
seriesXL
seriesROBOTRAX®
System

FLATVIEW®

CLEANVIEW®

LS/LSX
seriesS/SX
seriesS/SX-Tubes
series

Accessories

TRAXLINE®

Pitch
105 mmInner height
48 - 58 mmChain widths
100 - 600 mmBending radii
105 - 430 mm

Stay variants



Aluminum stay RS 2 page 722

Frame stay narrow, bolted

- » Quick to open and close.
- » Aluminum profile bars for light to medium loads. Easy threaded connection.
- » **Inside/outside:** Threaded joint easy to release.



Aluminum stay RV page 726

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 joint easy to release.



Tube stay RR page 730

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 732

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.

Stay variants



Aluminum stay RMA1 page 734

Mounting frame stay

- » Aluminum profile bars with plastic mounting frame stays for guiding very large cable diameters.
- » **Inside:** Screw-fixing easy to release.



Aluminum stay RMA0 page 736

Mounting frame stay

- » Aluminum profile bars with plastic mounting frame stays for guiding very large cable diameters.
- » **Outside:** Screw-fixing easy to release.

MT series

XL series

ROBOTRAX® System

FLATENATOR®

CLEANENATOR®

LS/LSX series

S/SX series

S/SX-Tubes series

TRAXLINE®



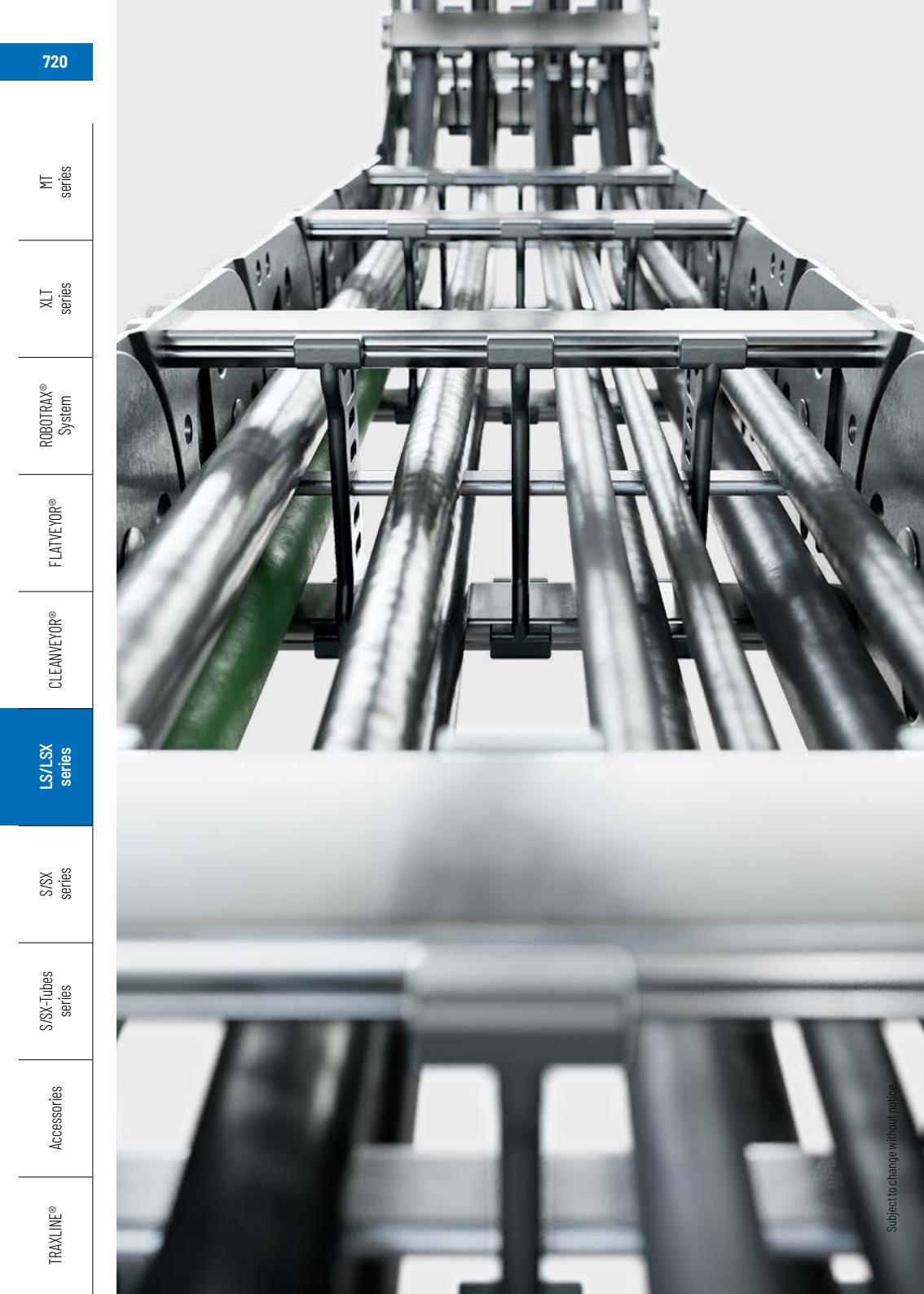
TOTALTRAX® complete systems

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

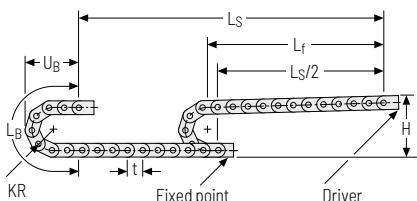


TRAXLINE® cables for cable carriers

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



Unsupported arrangement



KR [mm]	H [mm]	L_B [mm]	U_B [mm]
105	330	540	250
125	370	603	270
155	430	697	300
195	510	823	340
260	640	1027	405
295	710	1137	440
325	770	1231	470
365	850	1357	510
430	980	1561	575

Installation height H_z

$$H_z = H + 10 \text{ mm/m}$$

Load diagram for unsupported length depending on the additional load.

Intrinsic cable carrier weight $q_k = 3.8 \text{ kg/m}$. For other inner widths, the maximum additional load changes.



Speed
up to 5 m/s



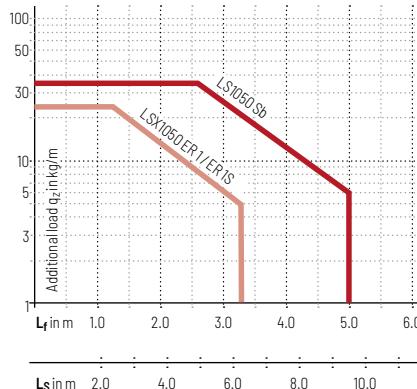
Acceleration
up to 10 m/s^2



Travel length
up to 9.5 m



Additional load
up to 35 kg/m

MT
seriesXL
seriesROBOTRAX®
System

FLATENIOR®

LS/LSX
seriesS/SX
seriesS/SX-Tubes
series

TRAXLINE®



Information on selecting center bolts and stay arrangement

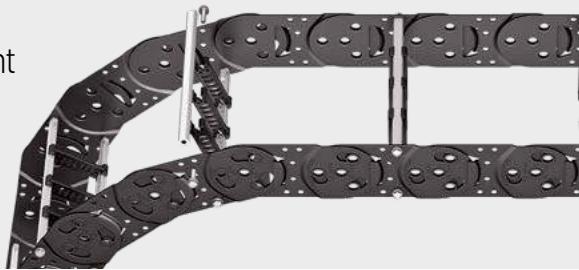
- » Cable carrier length $< 4 \text{ m}$: half-stayed arrangement as a standard
- » Cable carrier length $> 4 \text{ m}$: fully-stayed arrangement required
- » Stay width $B_{ST} > 400 \text{ mm}$: fully-stayed arrangement required
- » Travel speed $> 2.5 \text{ m/s}$: fully-stayed arrangement required
- » Use of support rollers: Center bolt **and** fully-stayed arrangement required

MT
series

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 grid**.
- » **Inside/outside:** Threaded joint easy to release.

XLT
seriesROBOTRAX®
System

FLATVIEW®

CLEANVIEW®

LS/LSX
seriesS/SX
seriesS/SX
tubes
series

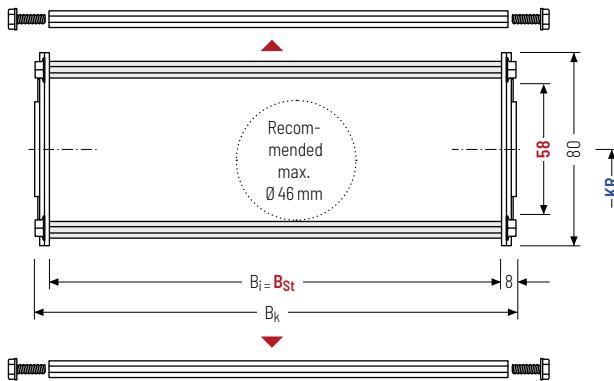
Accessories

TRAXLINE®

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

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

1 mm B_k 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]	B _i [mm]	B _{St} [mm]*	B _k [mm]	KR [mm]				q _k [kg/m]
58	80	84	84	B _{St} + 16	105	125	155	195	3.63
			384	384	295	325	365	430	4.11

* in 1 mm width sections

Order example

LS1050 Type . 180 B_{St} [mm] . RS 2 Stay variant . 125 KR [mm] . Sb Material . 2415 L_k [mm] . HS Stay arrangement

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**).

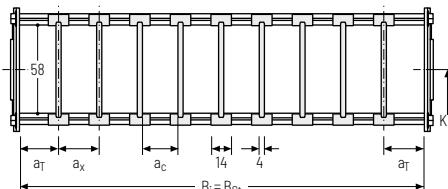
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping on a socket (available as an accessory).

The socket additionally serves as a spacer between the dividers and is available in 1 mm sections 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	7	14	10	-

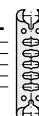
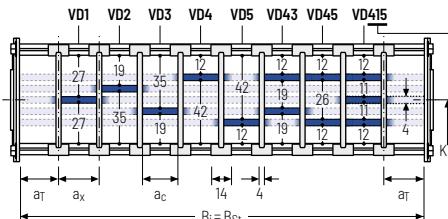
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation

Vers.	a_T min [mm]	a_T max [mm]	a_x min [mm]	a_c min [mm]	n_T min
A	7	25	14	10	2

The dividers can be moved in the cross section.



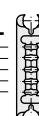
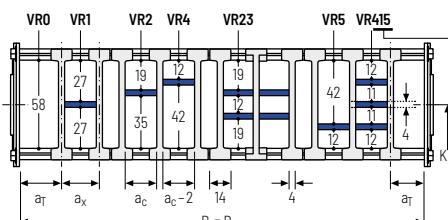
Divider system TS2 with partial height separation

Vers.	a_T min [mm]	a_x min [mm]	a_c min [mm]	n_T min
A	7	23	19	2

With grid distribution (**1mm 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).



Please note that the real dimensions may deviate slightly from the values indicated here.

Order example

	TS2	A	3	K1	34	-	VR1
						⋮	
				K4	38	-	VR3

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.

MT series

XLT series

ROBOTRAX® System

FLATEVOR®

CLEANEVOR®

LS/LSX series

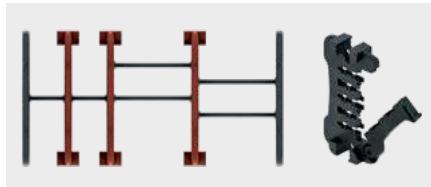
S/SX series

S/SX tubes series

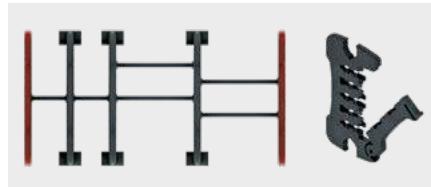
Accessories

TRAXLINE®

Divider version A



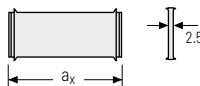
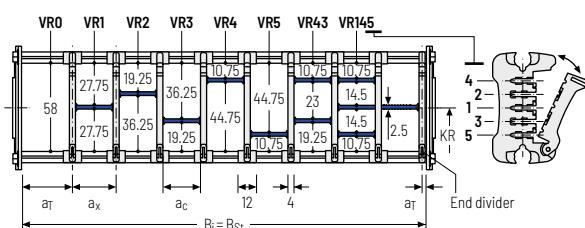
End divider



Vers.	a_T min [mm]	a_x min [mm]	a_c min [mm]	n_T min
A	6 / 2*	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
10	12	15	19	20	24	25	28	29	30	34	35	39	40
58	59	64	68	69	74	78	79	80	84	88	89	94	96
54	55	60	64	65	70	74	75	76	80	84	85	90	92
													108

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

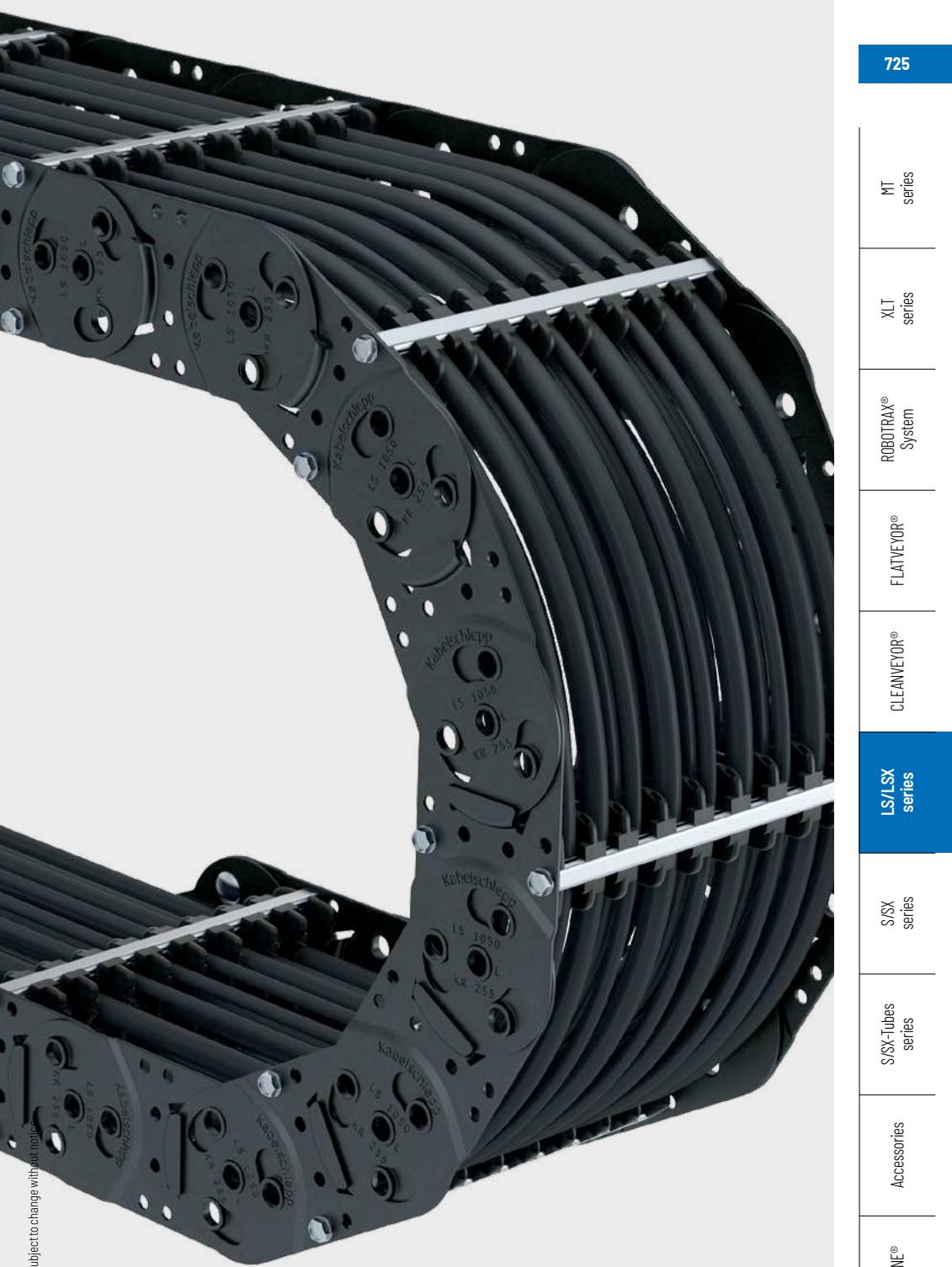
Order example

	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 without notice

MT
seriesXL
seriesROBOTRAX®
System

FLATVIEW®

CLEANVIEW®

LS/LSX
seriesS/SX
seriesS/SX
Tubes
series

Accessories

TRAXLINE®

Aluminum stay RV - frame stay reinforced

- 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 joint easy to release.



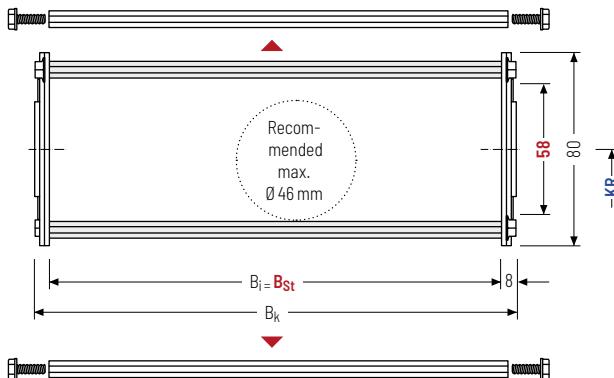
Stay arrangement on every
2nd chain link, **standard**
(HS: half-stayed)



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



1 mm B_k 100 – 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]	B _i [mm]	B _{St} [mm]*	B _k [mm]	KR [mm]				q _k [kg/m]
S/SX Tubes series	58	80	84	84	B _{St} + 16	105	125	155	195	4.00

* in 1 mm width sections

Order example

	LS1050	180	RV	125	Sb	2415	HS
Type	B _{St} [mm]	Stay variant	KR [mm]	Material	L _k [mm]	Stay arrangement	

Divider systems

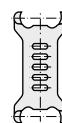
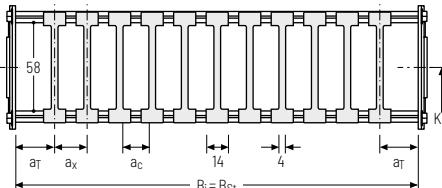
As a standard, the divider system is mounted on each crossbar – for stay mounting on every 2nd chain link (HS).

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

Divider system TSO without height separation

Vers.	a_T min [mm]	a_x min [mm]	a_c min [mm]	n_T min
A	7	14	10	-

The dividers can be moved in the cross section.

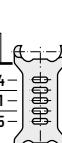
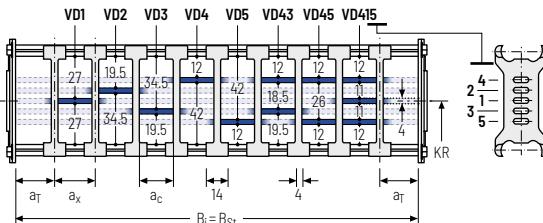


MT series

Divider system TS1 with continuous height separation

Vers.	a_T min [mm]	a_T max [mm]	a_x min [mm]	a_c min [mm]	n_T min
A	7	25	14	10	2

The dividers can be moved in the cross section.



ROBOTRAX® System

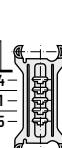
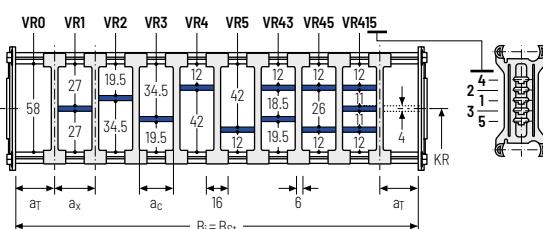
Divider system TS2 with partial height separation

Vers.	a_T min [mm]	a_x min [mm]	a_c min [mm]	n_T min
A	8	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).



LS/LSX series

S/SX series

S/SX-Tubes series

Accessories

TRAXLINE®



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 tsubaki-kabelschlepp.com/traxline

Divider system TS3 with height separation made of plastic partitions

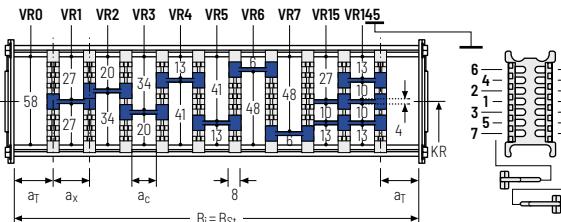
MT series

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

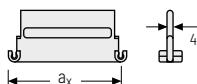
* For aluminum partitions

XL series

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



ROBOTRAX® System



FLATVIEW®

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

CLEANVIEW®

Order example

	TS3	.	A	.	3	.	K1	.	34	-	VR1
	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 carrier belt. You are welcome to add a sketch to your order.

LS/LSX series

S/SX series

S/SX-Tubes series

Accessories

More product information online

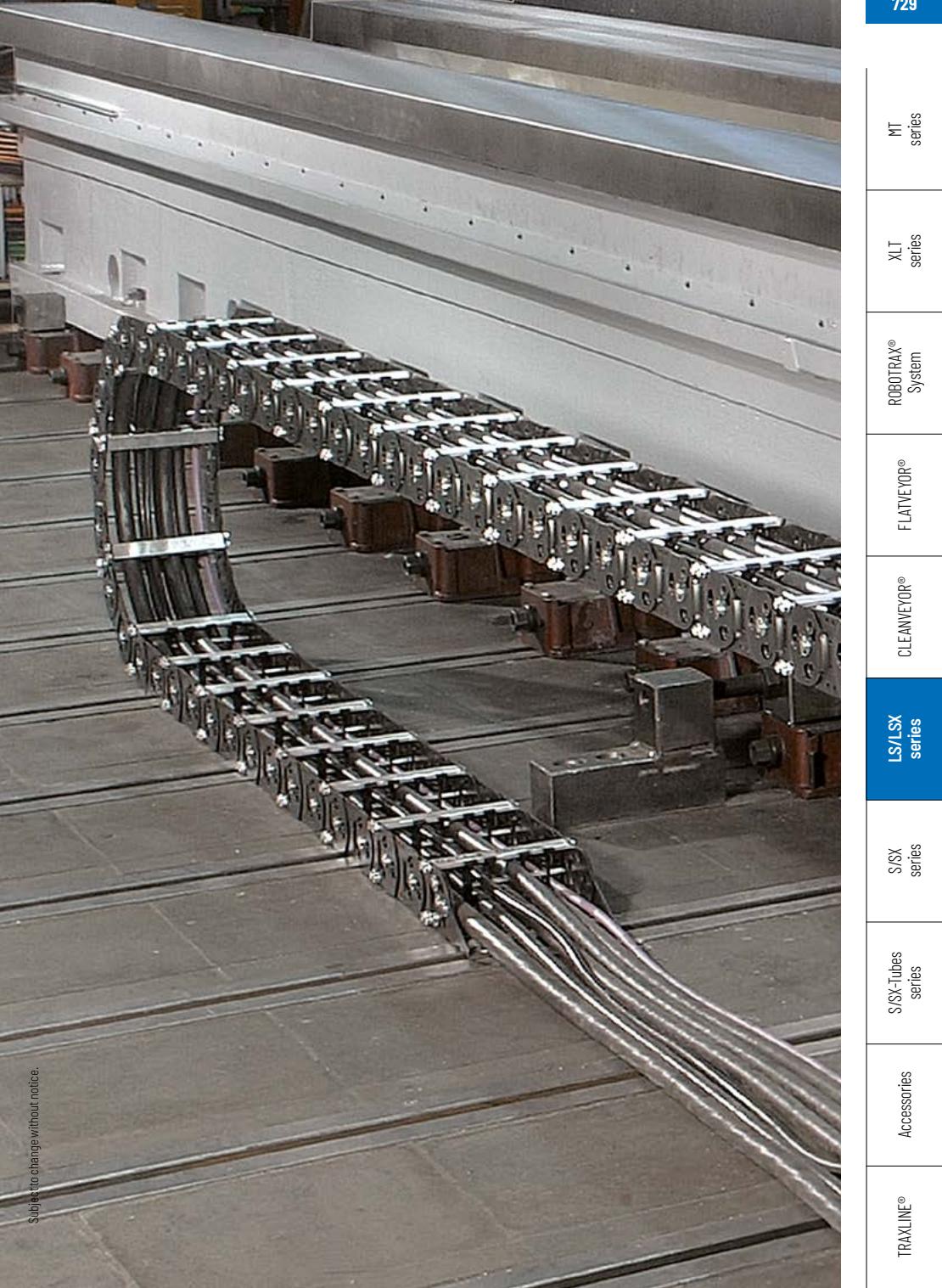


Assembly instructions etc.:
Additional info via your smartphone or
check online at
[tsukuba-kabelschlepp.com/
downloads](http://tsukuba-kabelschlepp.com/downloads)



Configure your cable carrier here:
online-engineer.de

TRAXLINE®

TRAXLINE®	Accessories	S/SX-Tubes series	S/SX series	LS/LSX series	CLEANVIEW®	FLATVIEW®	ROBOTRAX® System	XLT series	MT series
									

MT
seriesXL
seriesROBOTRAX®
SystemFLATVIEW®
ORCLEANVIEW®
ORLS/LSX
seriesS/SX
seriesS/SX
series

Accessories

TRAXLINE®

Tube stay RR -

frame stay, tube version

- » Steel rolling stays with gentle cable support and steel 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 ER1, ER1S.



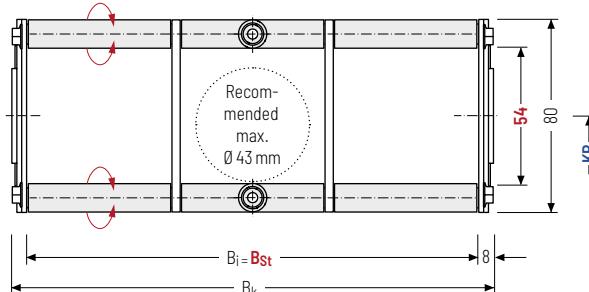
Stay arrangement on every
2nd chain link, **standard**
(HS: half-stayed)



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



1mm B_K 100 – 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]	B _i [mm]	B _{St} [mm]*	B _k [mm]	KR [mm]				q _k [kg/m]	
S/SX series	54	80	84	84	B _{St} + 16	105	125	155	195	260	4.25

* in 1 mm width sections



LS1050

Type

180

B_{St} [mm]

RR

Stay variant

125

KR [mm]

Sb

Material

2415

L_k [mm]

HS

Stay arrangement

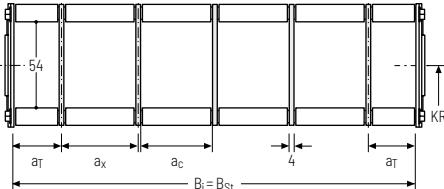
Divider systems

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**).

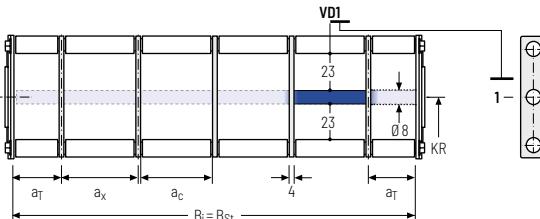
Divider system TSO without height separation

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_T max [mm]	a_x min [mm]	a_c min [mm]	n_T min
B	20	25	20	16	2



Order example

	TS1	.	B	.	3	.	K1	.	34	-	VDO
	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 tsubaki-kabelschlepp.com/traxline

MT
series

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

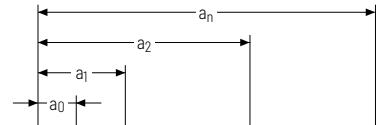
XL/T
seriesROBOTRAX®
System

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

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

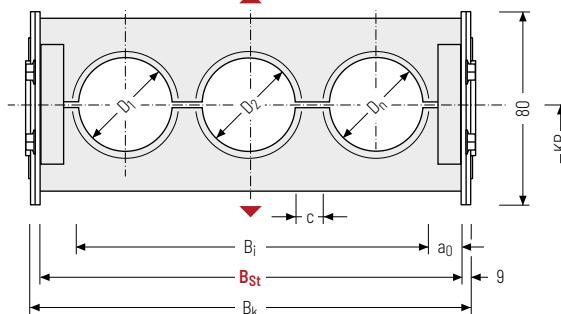
 **1 mm** B_k 100 – 600 mm
in **1 mm width sections**

FLATVIEW®



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

CLEANVIEW®

LS/LSX
seriesS/SX
seriesS/SX-Tubes
series

Calculating the cable carrier length

Cable carrier length L_k

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

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]	B_i [mm]	B_{St} [mm]*	B_k [mm]	c_{min} [mm]	$a_0\ min$ [mm]	KR [mm]	$q_k\ 50\ %$ [kg/m]
48	12	80	54	82 582	$B_{St} + 18$	4	14	105 295 325 365 430	4.00 7.99

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

TRAXLINE®

 **LS1050** Type . **180** B_{St} [mm] . **LG** Stay variant . **125** KR [mm] . **Sb** Material . **2415** L_k [mm] . **HS** Stay arrangement



TRAXLINE®	Accessories	S/SX-Tubes series	S/SX series	LS/LSX series	CLEANVEYOR®	FLATVEYOR®	ROBOTRAX® System	XL T series	MT series
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MT
seriesXL
seriesROBOTRAX®
SystemFLATVIEW®
ORCLEANVIEW®
ORLS/LSX
seriesS/SX
seriesS/SX-Tubes
series

Accessories

TRAXLINE®

Aluminum stay RMAI - mounting frame stay

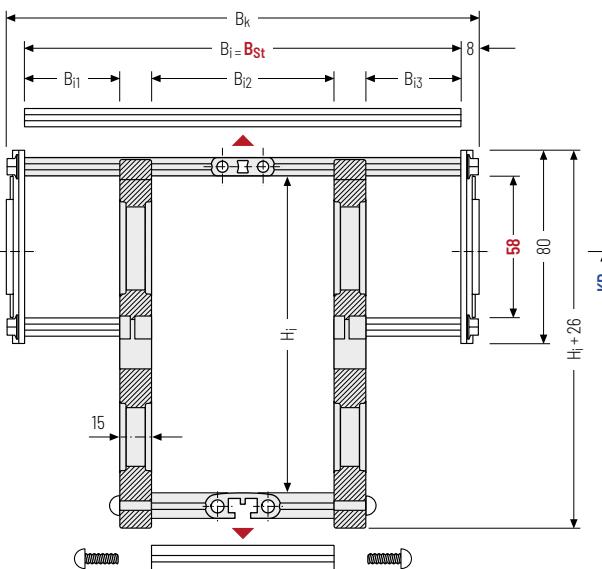
- Aluminum profile bars with plastic mounting frame stays for guiding very large cable diameters.
- The mounting frame stay is mounted on the inside in the bending radius.
- Available customized in **1mm width sections**.
- Inside:** Screw-fixing easy to release.



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

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

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



Calculating the cable carrier length

Cable carrier length L_k

$$L_k = \frac{L_s}{2} + L_B$$

Cable carrier length L_k
rounded to pitch t

Intrinsic cable carrier weight

Determining the intrinsic cable carrier weight strongly depends on the selected stay arrangement.
Please contact us.

h _i [mm]	H _i [mm]	h _G [mm]	B _i [mm]	B _{i1} min [mm]	B _{i2} min [mm]	B _{i3} min [mm]	B _{st} [mm]*	B _k [mm]	KR [mm]
58	130		184				184		195
	160	80	384	35	84	35	384	325	260
	200								295

* in 1mm width sections

Order example



RMAI – assembly to the inside:

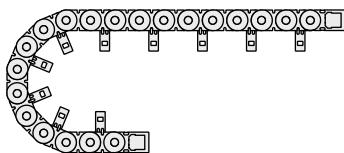
Gliding application is not possible when using assembly version RMAI.

Observe minimum KR:

$H_i = 130 \text{ mm}$: $KR_{\min} = 195 \text{ mm}$

$H_i = 160 \text{ mm}$: $KR_{\min} = 260 \text{ mm}$

$H_i = 200 \text{ mm}$: $KR_{\min} = 260 \text{ mm}$



TRAXLINE®	Accessories	S/SX-Tubes series	S/SX series	LS/LSX series	CLEANVIEW®	FLATEVOR®	FLATEVOR®	ROBOTRAX® System	XL series	MT series
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**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 specially developed, optimised and tested for use in cable carriers can be found at tsubaki-kabelschlepp.com/traxline.

MT
seriesXL
seriesROBOTRAX®
System

FLATVIEW®

CLEANVIEW®

LS/LSX
seriesS/SX
seriesS/SX-Tubes
series

Accessories

TRAXLINE®

Aluminum stay RMAO – mounting frame stay

- Aluminum profile bars with plastic mounting frame stays for guiding very large cable diameters.
- The mounting frame stay is mounted on the outside in the bending radius.
- Available customized in **1mm width sections**.
- Outside:** Screw-fixing easy to release.



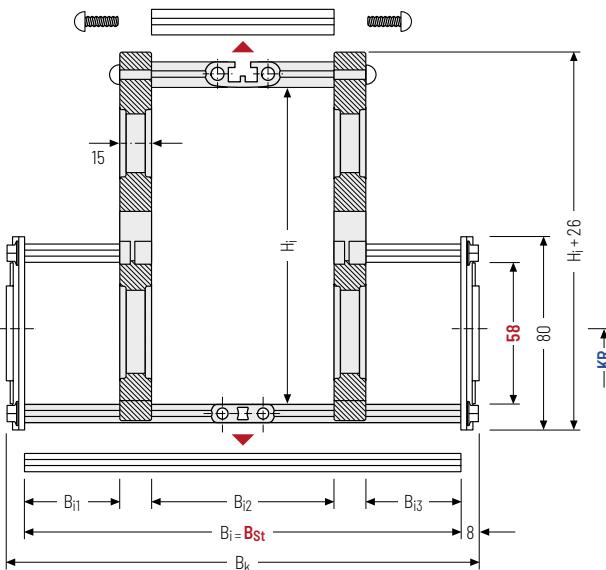
Stay arrangement on every
2nd chain link, **standard**
(HS: half-stayed)



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



1mm B_k 200 – 400 mm
in **1mm 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

$$L_k = \frac{L_s}{2} + L_B$$

Cable carrier length L_k
rounded to pitch t



Intrinsic cable carrier weight

Determining the intrinsic cable carrier weight strongly depends on the selected stay arrangement. Please contact us.

	h_i [mm]	H_i [mm]	h_G [mm]	B_i [mm]	B_{i1} min [mm]	B_{i2} min [mm]	B_{i3} min [mm]	B_{st} [mm] *	B_k [mm]	KR [mm]		
58		130		184				184		105	125	155
		160	80	384	35	84	35	384	B _{st} + 16	195	260	295
		200								325	365	430

* in 1mm width sections

Order example



LS1050

Type

280

B_{st} [mm]

RMAO

Stay variant

195

KR [mm]

Sb

Material

2415

L_k [mm]

HS

Stay arrangement

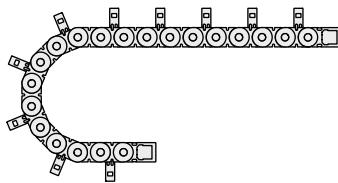
RMA0 – assembly to the outside:

The cable carrier has to rest on the side bands and not on the stays.

Guiding in a **channel is required** for support.

Please contact our technical support at technik@kabelschiepp.de to find the corresponding guide channel.

Please note the operating and installation height.

MT
seriesXLT
seriesROBOTRAX®
System

FLATVIEW®

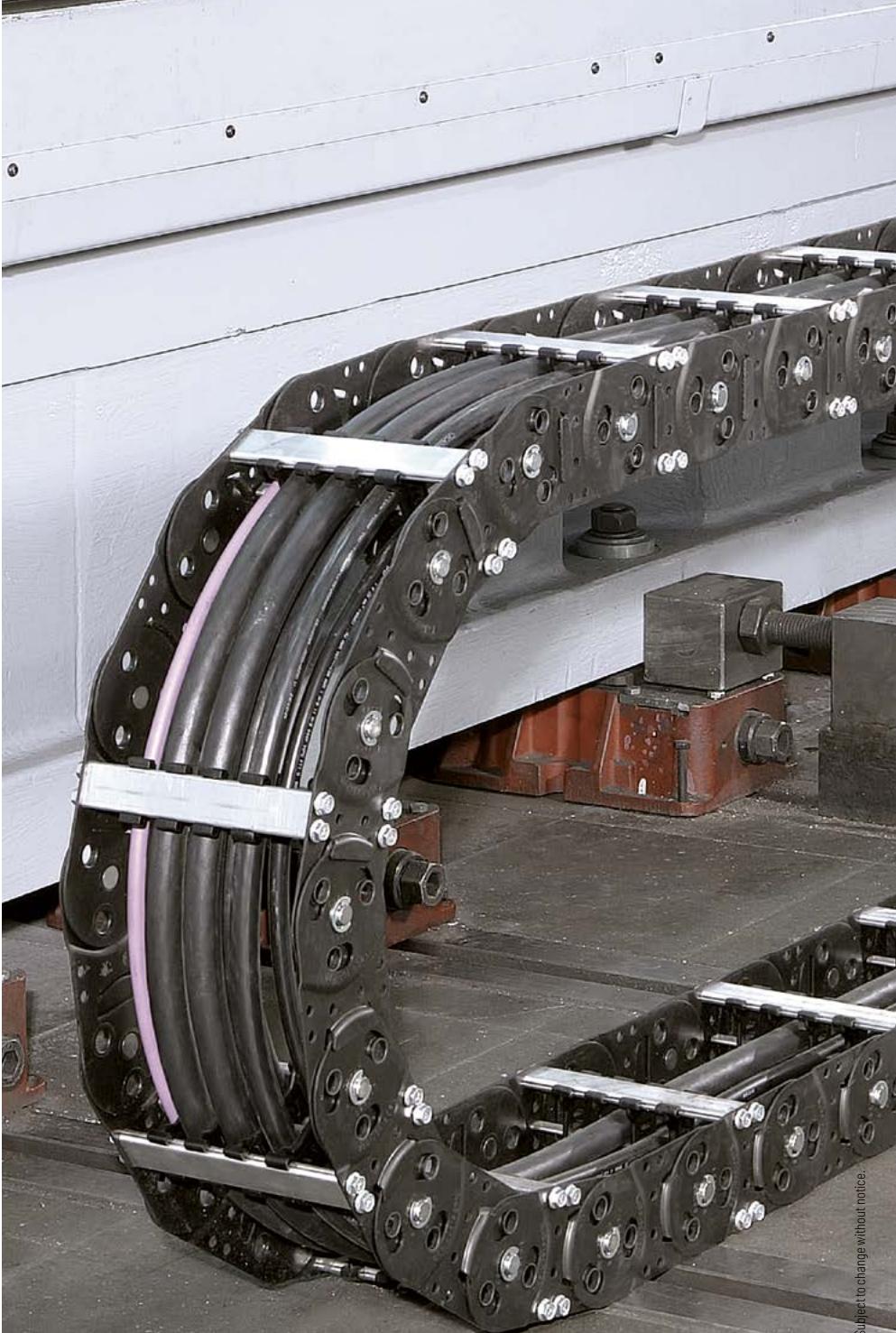
CLEANVIEW®

LS/LX
seriesS/SX
seriesS/S-Tubes
series

Accessories

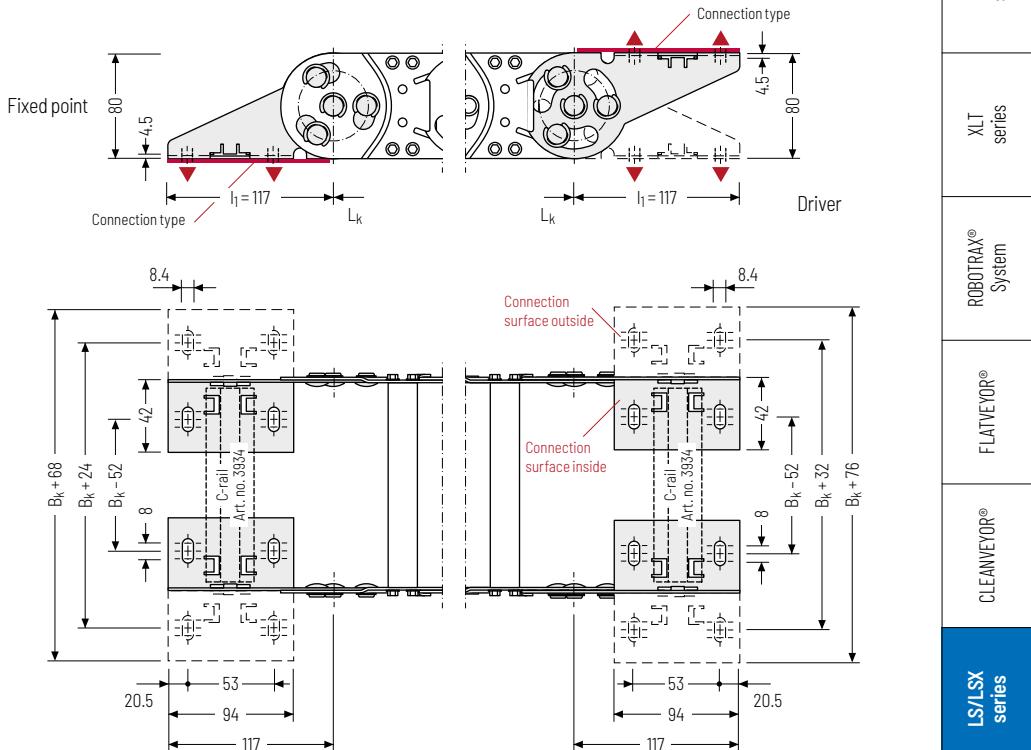
TRAXLINE®

TRAXLINE®	
Accessories	
S/SX tubes series	S/SX series
LS/LSX series	CLEANVIEW®
FLATVIEW®	ROBOTRAX® System
XLT series	
MT series	

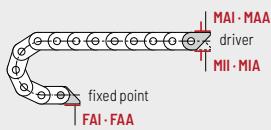


End connectors - steel

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

Connecting surface

A - connecting surface outside
I - connecting surface inside

Connection type

A - threaded joint outside (standard)
I - threaded joint inside

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. 924.