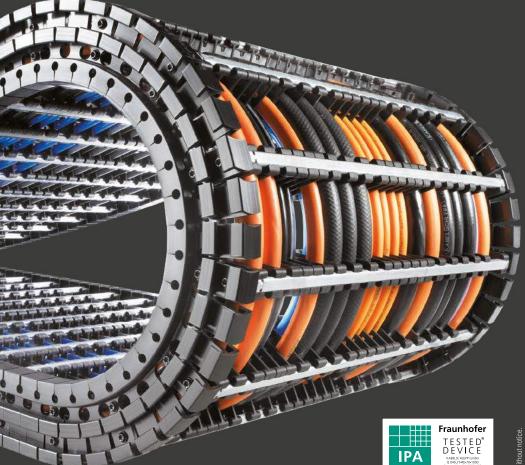
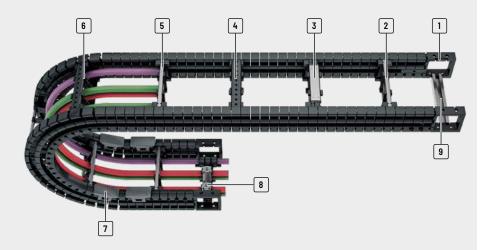
QUANTUM® series

Light, extremely quiet and low-vibration for high speeds and accelerations



UAT eries



- 1 Universal end connectors (UMB)
- 2 Aluminum stays available in 1 mm width sections
- 3 Aluminum stays in reinforced design
- 4 Plastic stays available in 8 or 16 mm width sections
- 5 Can be opened quickly on the inside and the outside for cable laying
- 6 Fixable dividers
- 7 Replaceable glide shoes
- 8 Strain relief combs
- 9 C-rail for strain relief elements

Virtually no polygon effect



Low-vibration with polygon operation effect

Features

- » Cleanroom compatible: no links, no link wear
- » Extremely quiet, 31 db (A)*
- » Extremely light
- » For high accelerations up to 300 m/s²
- » For high operating speeds up to 40 m/s
- » Extremely long service life: ≥ 25 million motion cycles

- » TÜV type tested as per 2PfG 1036/10.97
- » Large selection of stay systems and separating options for cables























^{*} Tested: 0060.100.100 by TÜV Rheinland. The sound pressure level for the measured area was measured at a distance of 0.5 m for smooth and jerky movements.



Ideal for highly dynamic applications

Subject to change without notice.



3D movements: the driver connection can be moved laterally and can be rotated by up to ±30°







Side bands made from special plastic and steel cables in the support floor for an extremely long service life

	SE	

TKR series	
---------------	--

Cleanroom compatible and long service life

Continuous side bands are used. In contrast to conventional hole-and-bolt connections, hardly any wear occurs (link abrasion), which makes QUANTUM® ideal for use in cleanrooms.

RS

RV

RE

72

72

72

98

98

98

70 - 600

70 - 600

74 - 570

152 - 682

152 - 682

156 - 652

1

1

16

Extremely long service life through

- » No link abrasion due to absence of hole-and-bolt connections
- » Continuous side bands made from special plastic with integrated steel cables

Ideal for highly dynamic applications extruded side bands

30

30

30

180 - 600

180 - 600

180 - 600

The QUANTUM® runs extremely quietly and with low vibrations. The absence of links and the very small pitch means that the so-called polygon effect is reduced to a minimum. Due to the very guiet running, the QUANTUM® cable carrier system is ideal for applications with low-vibration linear drives.

Addi-

tional

load

 \leq [kg/m]

2.5

5

5

8

8

8

12

12

12

Cable-

 d_{max}

[mm]

22

30

33

46

46

46

57

57

57

QUANTUM® series | Overview

Unsuppo	rted arrai	ngement	Glidin	g arrange	ment	I	nner Dis	tribution	1		oveme		Page
$\begin{array}{c} \textbf{Travel} \\ \textbf{length} \\ \leq [m] \end{array}$	v _{max} ≤[m/s]	a_{max} $\leq [m/s^2]$	$\begin{array}{c} \textbf{Travel} \\ \textbf{length} \\ \leq [m] \end{array}$	v _{max} ≤[m/s]	a_{max} ≤[m/s ²]	TS0	TS1	TS2	TS3	vertical hanging or standing	lying on the side	rotating arrangement	P.
								H		vertica	lyingo	arre	
3.2	40	300	30	2	3	•	•	•	-	•	•	-	490
5	30	160	50	3	2 - 3	•	•	•	•	•	•	-	496
5	30	160	50	3	2-3	•	•	_	•	•	•	-	500
6.4	25	100	80	3	2-3	•	•	•	•	•	•	-	506
6.4	25	100	80	3	2-3	•	•	•	•	•	•	-	510
6.4	25	100	80	3	2 - 3	•	•	•	•	•	•	-	514
7.8	20	70	95	3	2 - 3	•	•	-	•	•	•	-	520
7.8	20	70	95	3	2 - 3	•	•	•	•	•	•	-	524
7.8	20	70	95	3	2 - 3	•	•	•	•	•	•	-	528

UAT series PROTUM® series

UNIFLEX Advanced series

X eries

TKR series

TKA series

Q040







Inner widths 28 - 284 mm



Bending radii 60 - 180 mm

Stay variants



Plastic stay RE page 490

Frame screw-in stay

- Plastic profile bars for light to medium loads. Assembly without screws.
- Outside/inside: release by rotating 90°.



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

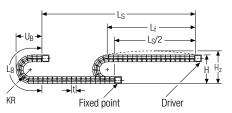


TRAXLINE® cables for cable carriers

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

PR0TUM® series

UNIFLEX dvanced series



KR	Н	L_B	U_{B}
[mm]	[mm]	[mm]	[mm]
60	175	369	178
75	205	416	193
90	235	463	208
110	275	526	228
150	355	651	268
180	415	746	298

Load diagram for unsupported length depending on the additional load.

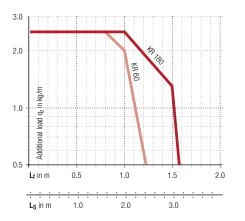
Sagging of the cable carrier is technically permitted for extended travel lengths, depending on the specific application.

Intrinsic cable carrier weight $q_k = 0.8 \ kg/m$. For other inner widths, the maximum additional load changes.

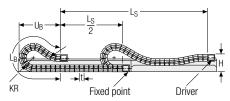








Gliding arrangement





Speed up to 2 m/s



The gliding cable carrier has to be routed in a channel. See p. 842.



Travel length up to 30 m



Our technical support can provide help for gliding arrangements: technik@kabelschlepp.de

Subject to change without notice.

series

0UANTUM[®] series

TKR series

TKA series

UAT series

PROTUM[®] series

K eries

UNIFLEX Advanced series

> M series

> > series

XL series

)UANTUM® Series

TKR

TKA

UAT series

Plastic stay RE – screw-in frame stay

- Plastic profile bars for light to medium loads. Assembly without screws.
- Available customized in 8 mm sections.
- Outside/inside: release by rotating 90°.





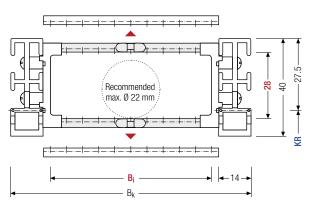
Stays on every 6th section, standard (HS: half-stayed)



Stays on every 3rd section (VS: fully-stayed)



 B_i 28 – 284 mm in 8 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 _k [mm]	KR [mm]	q _k [kg/m]			
0.0	7	28			*	*	*	,	*	 ·		ŧ	60 75	, 0.00
28	÷	204			.	;			;	 }		: '	90 110 150 180	:

Order example



Divider systems

The divider system is mounted on each crossbar as a standard – on every 6^{th} section for stay mounting (HS).

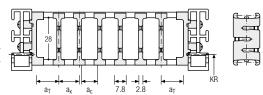
As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section (version A).

For applications with lateral accelerations and applications with the cable carrier rotated by 90°, the dividers can easily be fixed by turning the frame stay by 180°. The arresting cams click into place in the locking grids in the crossbar (version B). The groove in the frame stay faces outwards.

Divider system TS0 without height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]		a _{x grid} [mm]	n _T min
Α	8	8	5.2	-	-
В	14	8	5.2	8	-

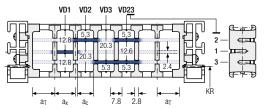
The dividers are movable within the cross section (version A) or fixed (version B).



Divider system TS1 with continuous height separation

Vers.					a _{x grid} [mm]	
Α	8	20	8	5.2	-	2
В	14	22	8	5.2	8	2

The dividers are movable within the cross section (version A) or fixed (version B).

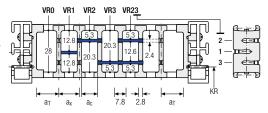


Divider system TS2 with partial height separation

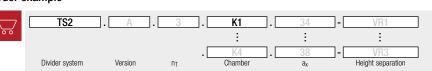
Vers.		a _{x min} [mm]	a _{c min} [mm]	a _{x grid} [mm]	n _T min
В	14	8*/24	5.2*/21.2	8	2

* for VR0

With grid distribution (8 mm grid). The dividers are attached by the height separation, the grid can be moved in the cross section (version A) or fixed (version B).



Order example



PR0TUM® series

> K series

UNIFLEX Advanced series

> M series

TKHD series

XL series

0UANTUM® series

> TKR series

> TKA series

> UAT series

Subject to change without notice.

PR0TUM[®] series

UNIFLEX Advanced series

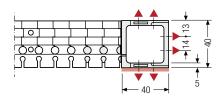
M eries

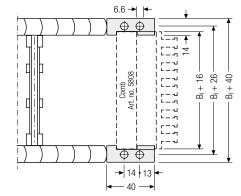
XL series

0040 | End connectors

Universal end connectors UMB plastic (standard)

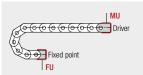
The universal end connectors (UMB) are made from plastic and can be mounted from the top, from the bottom or face on.





Assembly options

Recommended tightening torque: 5 Nm for screws M5 - 8.8



Connection point

F - fixed point M - driver

Connection type

U - universal end connector

Order example



More product information online

We recommend the use of strain reliefs at the driver and fixed point. See from p. 902.

TKR series

TKA series

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



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

TKA series

UAT series



Q060





Inner heights 38 – 42 mm





Bending radii 100 - 300 mm

Stay variants



Aluminum stay RSpage 496

Frame stay, narrow "The standard"

- Aluminum profile bars for light to medium loads. Assembly without screws.
- Outside/inside: release by rotating 90°.



Plastic stay RE page 500

Frame screw-in stay

- Plastic profile bars for light to medium loads. Assembly without screws.
- Outside/inside: release by rotating 90°.



TOTALTRAX® complete systems

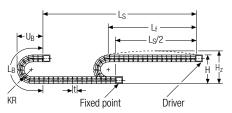
Benefit from the advantages of the TOTALTRAX® complete system. A complete delivery from one source – with a warranty certificate on request! Learn more at tsubaki-kabelschlepp.com/totaltrax



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 tsubaki-kabelschlepp.com/traxline

Unsupported arrangement



KR	Н	L_B	U_{B}
[mm]	[mm]	[mm]	[mm]
100	288	554	264
120	328	617	284
150	388	711	314
190	468	837	354
250	588	1025	414
300	688	1182	464

Load diagram for unsupported length depending on the additional load.

Sagging of the cable carrier is technically permitted for extended travel lengths, depending on the specific application.

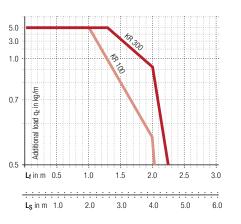
Intrinsic cable carrier weight $q_k = 1.5$ kg/m. For other inner widths, the maximum additional load changes.

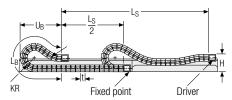




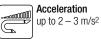








Speed up to 3 m/s



The gliding cable carrier has to be routed in a channel. See p. 842.

Glide shoes have to be used for gliding applications.

Travel length up to 50 m



Our technical support can provide help for gliding arrangements: technik@kabelschlepp.de

Subject to change without notice.

PROTUM® series

UNIFLEX dvanced series

QUANTUM® series

TKR eries

TKA eries

UAT

PR0TUM[®] series

UNIFLEX Advanced series

M eries

TKHD erries

XL series

TKR series

TKA series

UAT series

Stays on every 6th section, standard (HS: half-stayed)

Aluminum stay RS -

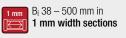
Aluminum profile bars for light to medium loads.

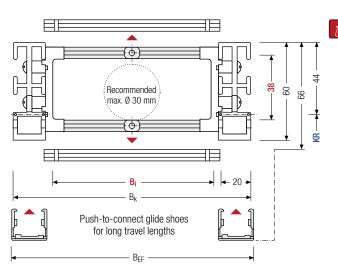
frame stay narrow Extremely quick to open and close

Assembly without screws. Available customized in 1 mm sections. Outside/inside: release by rotating 90°.



Stays on every 3rd section (VS: fully-stayed)





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 Lk

$$L_{k} \approx \frac{L_{S}}{2} + L_{B}$$

Cable carrier length Lk rounded to pitch t

h	nl	h _G	h _{Gʻ}	B _i	B _k	B _{EF}	KR	q_k
[mr		[mm]	[mm]	[mm]*	[mm]	[mm]	[mm]	[kg/m]
38		60	66	38 – 500	B _i + 52	B _i + 56	100 120 150 190 250 300	1.25 – 2.40

* in 1 mm width sections

Order example

Q060	. 200	. RS .	150	- 1540	HS
Туре	B _i [mm]	Stay variant	KR [mm]	L _k [mm]	Stay arrangement

Divider systems

The divider system is mounted on each crossbar as a standard – on every 6^{th} section 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).

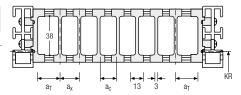
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

The socket additionally acts as a spacer between the dividers and is available in 1 mm sections 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}
Α	13.5	13	10	2

The dividers can be moved in the cross section.

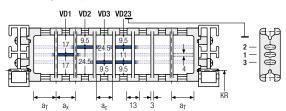




Divider system TS1 with continuous height separation

		a _{T max} [mm]			
Α	13.5	20	13	10	2

The dividers can be moved in the cross section.

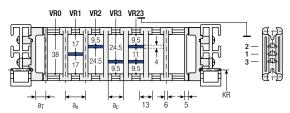


Divider system TS2 with partial height separation

	Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _{T min}
l	Α	8.5	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 $=3\,$ mm).



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

UAT

PR0TUM® series

UNIFLEX Advanced series

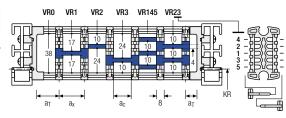
0060 RS | Inner distribution | TS3

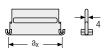
Divider system TS3 with height separation consisting of plastic partitions

Vers.	[mm]		[mm]	
Α	11	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.



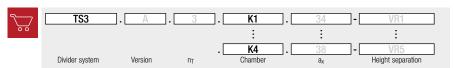


Aluminum partitions in 1 mm increments with $a_x > 42 \text{ mm}$ are also available.

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



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.

TKR series

∠ eries

TKA series



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

More product information online



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

M series



UNIFLEX Advanced series

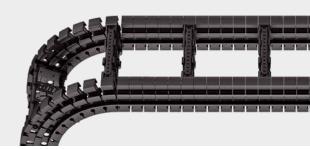
M eries

0060 RE | Dimensions · Technical data

Plastic stay RE -

frame screw-in stay

- Plastic profile bars for light to medium loads. Assembly without screws.
- Available customized in 8 mm sections.
- Outside/inside: release by rotating 90°.





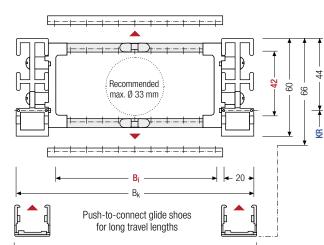
Stays on every 6th section, standard (HS: half-stayed)



Stays on every 3rd section (VS: fully-stayed)



 $B_i 68 - 276 \text{ mm in}$ 8 mm width sections



- B_{EF}

Bi

[mm]

236 244

92 100 108 116 124 132

188

252 260 268 276

180

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 Lk

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

Cable carrier length Lk rounded to pitch t

KR

[mm]

100 120

150 190

250 300

 q_k

[kg/m]

1.16

1.54

IANTUM	series
3	σ,

⊼ series

TKR

TKA.	er les

TKA	series
	S

UAT

₹	

hi hG hgʻ

[mm] [mm] [mm]

60 66 140 148 156 164





196 204

 B_k

[mm]

 $B_i + 52$

BEF

[mm]

 $B_i + 56$

HS
Stay arrangement

Divider systems

The divider system is mounted on each crossbar as a standard – on every 6th section for stay mounting (HS).

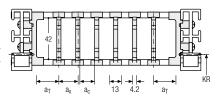
As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section (version A).

For applications with lateral accelerations and applications with the cable carrier rotated by 90°, the dividers can easily be fixed by turning the frame stay by 180°. The arresting cams click into place in the locking grids in the crossbar (version B). The groove in the frame stay faces outwards

Divider system TS0 without height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	a _{x grid} [mm]	n _T min
Α	14	13	8.8	-	-
В	14	16	11.8	8	_

The dividers are movable within the cross section (version A) or fixed (version B).

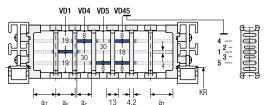




Divider system TS1 with continuous height separation

Vers.					a _{x Raster} [mm]		
Α	14	25	13	8.8	_	2	

The dividers can be moved in the cross section.





TOTALTRAX® complete systems

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M series

IKHU series

XL eries

UAT

UNIFLEX Advanced series

TKHD erries

∠ eries

TKR series

TKA series

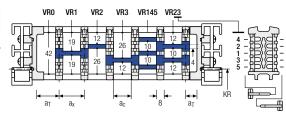
0060 RE | Inner distribution | TS3

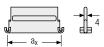
Divider system TS3 with height separation consisting of plastic partitions

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _{T min}
Α	11	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.



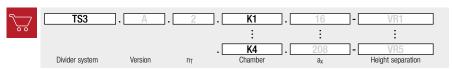


Aluminum partitions in 1 mm increments with $a_x > 42 \text{ mm}$ are also available.

	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. The height separations VR4 and VR5 are not possible when using twin dividers.

Order example



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.

TOTALTRAX® complete systems

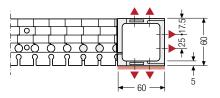
Benefit from the advantages of the TOTALTRAX® complete system. A complete delivery from one source – with a warranty certificate on request! Learn more at tsubaki-kabelschlepp.com/totaltrax

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 tsubaki-kabelschlepp.com/traxline

Universal end connectors UMB - plastic (standard)

The universal end connectors (UMB) are made from plastic and can be mounted from the top, from the bottom or face on.



Art. no. 3831 Art. no. 3831 Art. no. 5808 B + 18 B + 32 B + 32 B + 32

6.6 →

▲ Assembly options

Recommended tightening torque:



Connection point

F – fixed pointM – driver

Connection type

U – universal end connector

Order example



We recommend the use of strain reliefs at the driver and fixed point. See from p. 902.

More product information online



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



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

0800



Pitch 25 mm



Inner height 58 mm



Inner widths 50 - 600 mm



Bending radii 170 - 500 mm

Stay variants



Aluminum stay RS page 506

Frame stay. narrow "The standard"

- Aluminum profile bars for light to medium loads. Assembly without screws.
- Outside/inside: release by rotating 90°.

Aluminum stay RV page 510

Frame stay, reinforced

- Aluminum profile bars with plastic adapter for medium to high loads and large cable carrier widths. Assembly without screws.
- Outside/inside: release by rotating 90°.



Plastic stay RE page 514

Frame screw-in stav

- Plastic profile bars for light to medium loads. Assembly without screws.
- Outside/inside: release by rotating 90°.



TOTALTRAX® complete systems

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TRAXLINE® cables for cable carriers

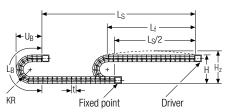
Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at

tsubaki-kabelschlepp.com/traxline

PROTUM® series

UNIFLEX dvanced series

Unsupported arrangement



KR	Н	L_B	U_B
[mm]	[mm]	[mm]	[mm]
170	457	834	379
200	517	928	409
250	617	1085	459
320	757	1305	529
420	957	1619	629
500	1117	1870	709

Load diagram for unsupported length depending on the additional load.

Sagging of the cable carrier is technically permitted for extended travel lengths. depending on the specific application.

Intrinsic cable carrier weight $q_k = 2.5 \text{ kg/m}$. For other inner widths, the maximum additional load changes.



Speed up to 25 m/s

Travel length

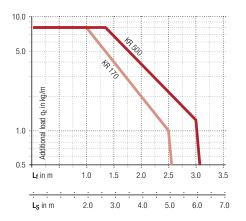
up to 6.4 m



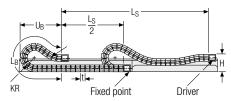
Acceleration up to 100 m/s²



Additional load up to 8 kg/m



Gliding arrangement





Speed up to 3 m/s



The gliding cable carrier has to be routed in a channel. See p. 842.

Glide shoes have to be used for gliding applications.



Travel length up to 80 m



Additional load up to 8 kg/m



Our technical support can provide help for gliding arrangements: technik@kabelschlepp.de

Subject to change without notice.

TKA series

0UANTUM® series

TKR eries

UAT

PROTUM® series

UNIFLEX Advanced series

> M eries

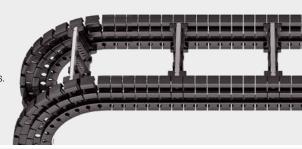
IKHD eries

XL series

0080 RS | Dimensions · Technical data

Aluminum stay RS – frame stay narrow

- Extremely guick to open and close
- Aluminum profile bars for light to medium loads. Assembly without screws.
- Available customized in 1 mm sections.
- Outside/inside: release by rotating 90°.

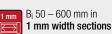


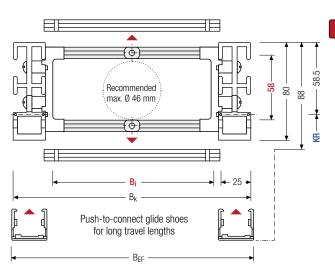


Stays on every 8th section. standard (HS: half-stayed)



Stays on every 4th section (VS: fully-stayed)





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 Lk

$$L_{k} \approx \frac{L_{S}}{2} \; + L_{B}$$

500

Cable carrier length L_k rounded to pitch t

[kg/m]

1.90 - 2.25

QUANTUM series

ΤKR	series

TKA series

UAT



* in 1 mm width sections

h_G h_G

[mm]*

50 - 600

[mm]

 $B_i + 72$

hi

[mm] [mm] [mm]



170

200

KR

[mm]

250

BEF

[mm]

 $B_i + 79.5$

Divider systems

The divider system is mounted on each crossbar as a standard – on every 8th section 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).

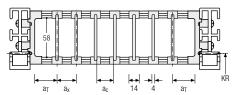
For applications with lateral acceleration and rotated by 90°. the dividers can be attached by simply clipping onto a socket (available as an accessory).

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).

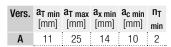
Divider system TS0 without height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]		n _{T min}
Α	11	14	10	2

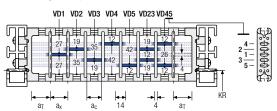
The dividers can be moved in the cross section.



Divider system TS1 with continuous height separation



The dividers can be moved in the cross section.



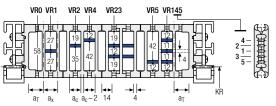
Divider system TS2 with partial height separation

Vers.	[mm]	[mm]	[mm]	n _{T min}
Α	11	23	19	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).



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



Subject to change without notice

TRAXLINE® cables for cable carriers

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PR0TUM® series

K series

UNIFLEX dvanced series

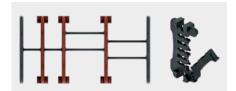
eries

⊼ eries

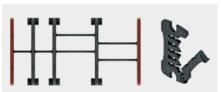
Divider system TS3 with height separation consisting of plastic partitions

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.

Divider version A



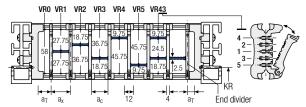
End divider

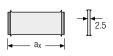


Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _T						
Α	10.5 / 6.5*	14	10	2						
* For End dividor										

For End divider

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

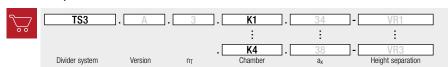




	a _x (center distance of dividers) [mm]															
	a _c (nominal width of inner chamber) [mm] 14 16 19 23 24 28 29 32 33 34 38 39 43 44 48 49 54															
14	16	19	23	24	28	29	32	33	34	38	39	43	44	48	49	54
10	12	15	19	20	24	25	28	29	30	34	35	39	40	44	45	50
58	59	64	68	69	74	78	79	80	84	88	89	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



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.

TKA series

TKR eries



PROTUM® series

K series

UNIFLEX Advanced series

M series

TKHD series

XL series

0UANTUM[®] series

TKR series

TKA series

UAT series

PROTUM® series

UNIFLEX Advanced series

M eries

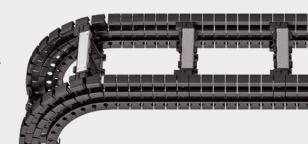
IKHD eries

XL series

0080 RV | Dimensions · Technical data

Aluminum stay RV -Frame stay reinforced

- Aluminum profile bars with plastic adapter for medium to high loads and large cable carrier widths. Assembly without screws.
- Available customized in 1 mm sections.
- Outside/inside: release by rotating 90°.



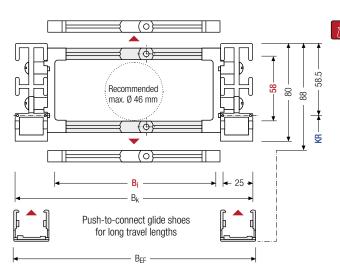


Stays on every 8th section. standard (HS: half-stayed)



Stays on every 4th section (VS: fully-stayed)





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 Lk

$$L_{k} \approx \frac{L_{S}}{2} \; + L_{B}$$

500

KR

[mm]

250

Cable carrier length Lk rounded to pitch t

K	series

Ϋ́	iries
$\stackrel{\sim}{=}$	Ser

UAT



* in 1 mm width sections

hG hgʻ

[mm]*

50 - 600

[mm]

 $B_i + 72$

hi

[mm] [mm] [mm]



BEF

[mm]

 $B_i + 79.5$

170

200

[kg/m]

2.10 - 2.90

UAT eries

Divider systems

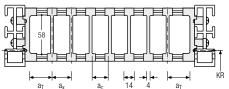
The divider system is mounted on each crossbar as a standard – on every 8th section for stay mounting (HS).

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}
Α	11	14	10	2

The dividers can be moved in the cross section.

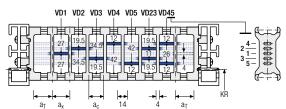


$a_{\mathsf{T}} = a_{\mathsf{X}} = a_{\mathsf{C}} = 1$

Divider system TS1 with continuous height separation

		a _{T max} [mm]			
Α	11	25	14	10	2

The dividers can be moved in the cross section.

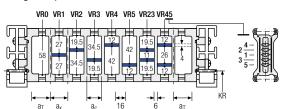


Divider system TS2 with partial height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _{T min}
Α	12	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).



TRAXLINE® cables for cable carriers

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PR0TUM® series

UNIFLEX Advanced series

∠ eries

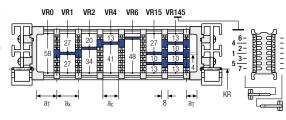
0080 RV | Inner distribution | TS3

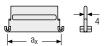
Divider system TS3 with height separation consisting of plastic partitions

Vers.	[mm]	[mm]	[mm]	
Α	8	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.



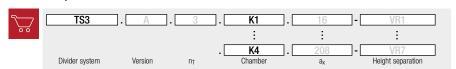


Aluminum partitions in 1 mm increments with $a_x > 42 \text{ mm}$ are also available.

	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. The height separations VR6 and VR7 are not possible when using twin dividers.

Order example



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.

More product information online



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



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

subject to change without notice.

UAT

TKA series

TKR series

UAT series



PROTUM® series

UNIFLEX Advanced series

M eries

0080 RE | Dimensions · Technical data

Plastic stay RE -

frame screw-in stay

- Plastic profile bars for light to medium loads. Assembly without screws.
- Available customized in 16 mm sections.
- Outside/inside: release by rotating 90°.





Stays on every 8th section. standard (HS: half-stayed)



Stays on every 4th section (VS: fully-stayed)



58.5

 B_k

[mm]

330

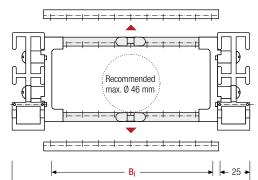
474

BEF

[mm]

 $B_i + 72 B_i + 79.5$

80 88 $B_i 58 - 570 \text{ mm in}$ 16 mm width sections



Push-to-connect glide shoes for long travel lengths

- B_{EF}

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 Lk

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

Cable carrier length Lk rounded to pitch t

KR

[mm]

170 200

420 500

250 320 q_k

[kg/m]

1.93

2.70

⊼ series

TKR series

TKA series

		1			
		· :		·	
Λ	-1 -				- 1 -
ur	Ne	ır ۵	ex a	mı	nie

hG hgʻ

[mm] [mm] [mm]

202 218

hi

58 80 88



138 154 170 186

442 458

Bi

[mm]

266 282 298

106 122

250

394 410 426

506 522 538 554

Divider systems

The divider system is mounted on each crossbar as a standard – on every 8th section for stay mounting (HS).

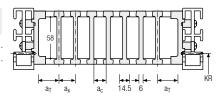
As a standard. dividers or the complete divider system (dividers with height separations) are movable in the cross section (version A).

For applications with lateral accelerations and applications with the cable carrier rotated by 90°, the dividers can easily be fixed by turning the frame stay by 180°. The arresting cams click into place in the locking grids in the crossbar (version B). The groove in the frame stay faces outwards.

Divider system TS0 without height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	a _{x grid} [mm]	n _T min
Α	12	14.5	8.5	-	-
В	13	16	10	16	_

The dividers are movable within the cross section (version A) or fixed (version B).

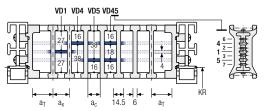




Divider system TS1 with continuous height separation

Vers.					a _{x Raster} [grid]	n _T min
Α	12	25	14.5	8.5	_	2
В	13	25	16	10	16	2

The dividers are movable within the cross section (version A) or fixed (version B).

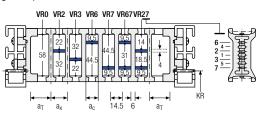


Divider system TS2 with partial height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _{T min}
Α	12	14.5*/21	8.5*/15	2
В	13	16*/32	10*/26	2

* for VR0

With grid distribution (8 mm grid). The dividers are attached by the height separation. the grid can be moved in the cross section (version A) or fixed (version B).



TOTALTRAX® complete systems

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> K Series

UNIFLEX Advanced series

> M series

IKHD series

XL series

0UANTUM® series

> TKR series

TKA series

UAT

PR0TUM® series

UNIFLEX Advanced series

∠ eries

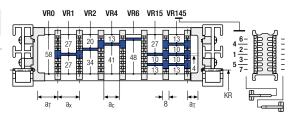
0080 RE | Inner distribution | TS3

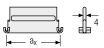
Divider system TS3 with height separation consisting of plastic partitions

Vers.	[mm]	[mm]	a _{c min} [mm]	n _{T min}
Α	8	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.



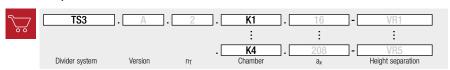


Aluminum partitions in 1 mm increments with $a_x > 42 \text{ mm}$ are also available.

	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	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



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.

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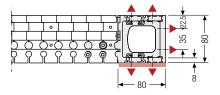
UAT

TKR series

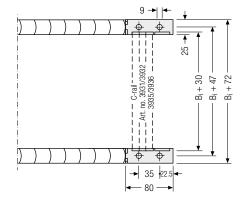
TKA series

Universal end connectors UMB - plastic (standard)

The universal end connectors (UMB) are made from plastic and can be mounted from the top. from the bottom or face on.



Assembly options





Connection point

F – fixed pointM – driver

Connection type

U – universal end connector

Order example



We recommend the use of strain reliefs at the driver and fixed point. See from p. 902.

More product information online



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



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

Q100



Pitch 30 mm



Inner height 72 mm



Inner widths 70 - 600 mm



Bending radii 180 - 600 mm

Stay variants



Aluminum stay RSpage 520

Frame stay narrow "The standard"

- Aluminum profile bars for light to medium loads. Assembly without screws.
- Outside/inside: release by rotating 90°.



Aluminum stay RV page 524

Frame stay, reinforced

- Aluminum profile bars with plastic adapter for medium to high loads and large cable carrier widths. Assembly without screws.
- Outside/inside: release by rotating 90°.



Plastic stay RE page 528

Frame screw-in stav

- Plastic profile bars for light to medium loads. Assembly without screws.
- Outside/inside: release by rotating 90°.



TOTALTRAX® complete systems

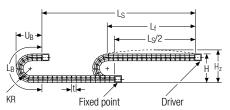
Benefit from the advantages of the TOTALTRAX® complete system. A complete delivery from one source – with a warranty certificate on request! Learn more at tsubaki-kabelschlepp.com/totaltrax



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 tsubaki-kabelschlepp.com/traxline

Unsupported arrangement



KR	Н	L_B	U_B
[mm]	[mm]	[mm]	[mm]
180	503	926	432
250	643	1145	502
300	743	1302	552
370	883	1522	622
460	1063	1805	712
600	1343	2244	852

Load diagram for unsupported length depending on the additional load.

Sagging of the cable carrier is technically permitted for extended travel lengths, depending on the specific application.

Intrinsic cable carrier weight $q_k = 3.25$ kg/m. For other inner widths, the maximum additional load changes.



Speed up to 20 m/s

Travel length

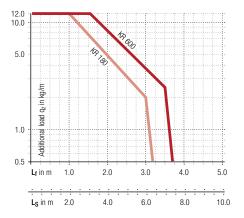
up to 7.8 m



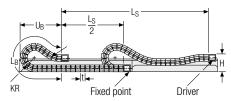
Acceleration up to 70 m/s²



Additional load up to 12 kg/m



Gliding arrangement





Speed up to 3 m/s



The gliding cable carrier has to be routed in a channel. See p. 842.

Glide shoes have to be used for gliding applications.

Travel length up to 95 m



Additional load up to 12 kg/m

Our technical support can provide help for gliding arrangements: technik@kabelschlepp.de

TKA eries

UAT

Subject to change without notice.

UNIFLEX Advanced series

M eries

IKHD eries

XL series

0100 RS | Dimensions · Technical data

Aluminum stay RS -

frame stay narrow

- Extremely quick to open and close.
- Aluminum profile bars for light to medium loads. Assembly without screws.
- Available customized in 1 mm sections.
- Outside/inside: release by rotating 90°.



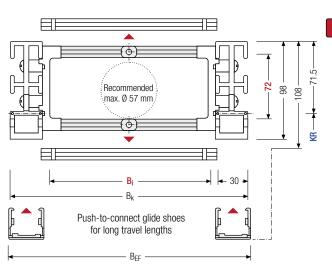


Stays on every 8th section, standard (HS: half-stayed)



Stays on every 4th section (VS: fully-stayed)





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 Lk

$$L_{k} \approx \frac{L_{S}}{2} + L_{B}$$

Cable carrier length Lk rounded to pitch t

_	- (1)
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_	
0	
_	

KR	series

K	series

TKA	series



Order example



Q100	—].	400
Type		B _i [mm]





HS	٦
Stay arrangement	

0100 RS | Inner distribution | TS0 · TS1

Divider systems

The divider system is mounted on each crossbar as a standard – on every 8^{th} section 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).

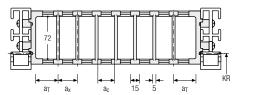
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping onto a socket (available as an accessory).

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

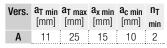
Divider system TS0 without height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _{T min}
Α	11	15	10	2

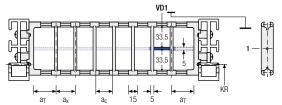
The dividers can be moved in the cross section.



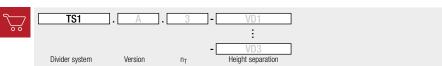
Divider system TS1 with continuous height separation



The dividers can be moved in the cross section.



Order example



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

When using divider systems with height separation (TS1), please additionally state the positions (e.g. VD1) viewed from the left driver belt. You are welcome to add a sketch to your order.

PR0TUM® series

> K series

UNIFLEX Advanced series

> M series

> > TKHD series

XL eries

QUANTUM® series

TKR

TKA series

UAT series

Subject to change without notice.

0100 RS | 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.

K series

PROTUM® series

UNIFLEX dvanced series

eries

⊼ eries

TKR eries

TKA series

End divider

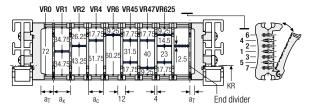


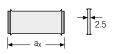
Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _T min					
Α	10.5 / 6.5*	14	10	2					
* For End divider									

For End divider

Divider version A

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

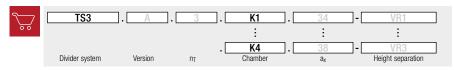




a _x (center distance of dividers) [mm]																
a _c (nominal width of inner chamber) [mm]																
14	16	19	23	24	28	29	32	33	34	38	39	43	44	48	49	54
10	12	15	19	20	24	25	28	29	30	34	35	39	40	44	45	50
58	59	64	68	69	74	78	79	80	84	88	89	94	96	99	112	
54	55	60	64	65	70	74	75	76	80	84	85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

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

Order example

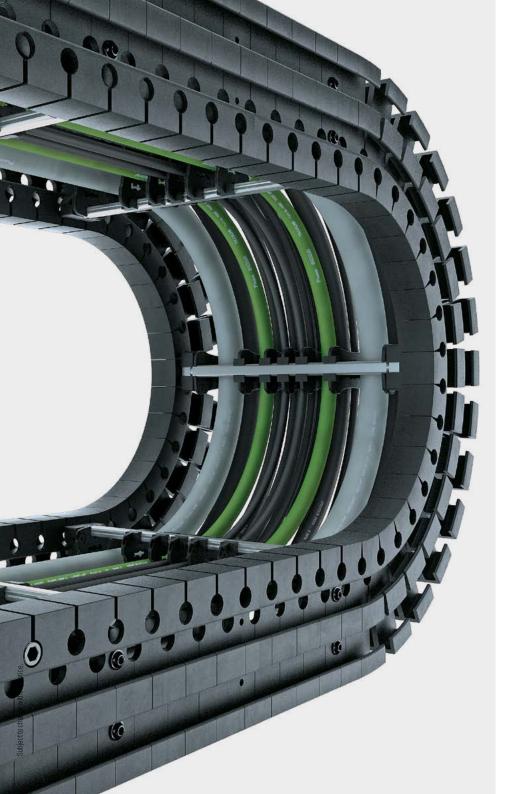


Please state the designation of the divider system (TS0, TS1,...), version and number of dividers per cross section [n_T]. In addition, please also enter the chambers [K] from left to right, as well as the assembly distances [a_T/a_x] (as seen from the driver).

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.

M series

UAT series



PROTUM® series

K eries

UNIFLEX Advanced series

> M series

TKHD series

XL series

)UANTUM[®] series

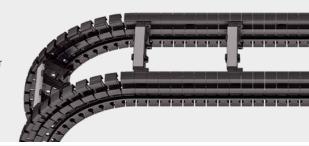
TKR

TKA

UAT

Aluminum stay RV – Frame stay reinforced

- Aluminum profile bars with plastic adapter for medium to high loads and large cable carrier widths. Assembly without screws.
- Available customized in 1 mm sections.
- Outside/inside: release by rotating 90°.





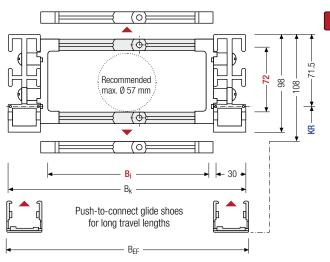
Stays on every 8th section, standard (HS: half-stayed)



Stays on every 4th section (VS: fully-stayed)



 B_i 70 – 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	h _G	h _G ⁴	B _i	B _k	B _{EF}	KR	q_k
[mm]	[mm]	[mm]	[mm]*	[mm]	[mm]	[mm]	[kg/m]
72	98	108	70 – 600		B _i + 89.5	180 250 300 370 460 600	2.8 – 4.6

* in 1 mm width sections

Order example



UAT eries

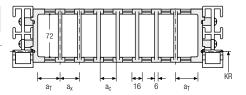
Divider systems

The divider system is mounted on each crossbar as a standard – on every 8th section 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}
Α	13	16	10	2

The dividers can be moved in the cross section.

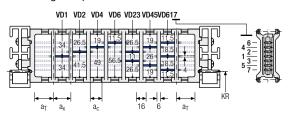




Divider system TS1 with continuous height separation

Vers.		a _{T max}			
		[mm]			
Α	13	25	16	10	2

The dividers can be moved in the cross section.

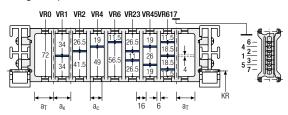


Divider system TS2 with partial height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	n _{T min}
Α	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).



TRAXLINE® cables for cable carriers

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Subject to change without notice.

PR0TUM® series

UNIFLEX Advanced series

TKHD erries

∠ eries

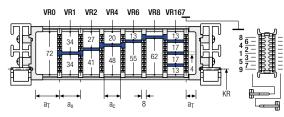
0100 RV | Inner distribution | TS3

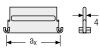
Divider system TS3 with height separation consisting of plastic partitions

Vers.	[mm]	a _{x min} [mm]	a _{c min} [mm]	IIT min
Α	8	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.



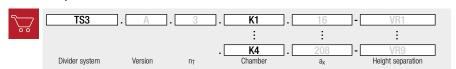


Aluminum partitions in 1 mm increments with $a_x > 42 \text{ mm}$ are also available.

	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 ($S_T = 4 \text{ mm}$). Twin dividers are also suitable for retrofitting in the partition system. The height separations VR8 and VR9 are not possible when using twin dividers.

Order example



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.

More product information online



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



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

subject to change without notice.

UAT

TKA series

TKR series

PR0TUM® series

> K series

UNIFLEX Advanced series

> M series

TKHD series

XL series

0UANTUM® series

TKR series

TKA series

UAT series

0100 RE | Dimensions · Technical data

PR0TUM[®] series

K series

UNIFLEX Advanced series

M series

TKHD erries

XL series

TKR series

TKA series

Plastic stay RE - frame screw-in stay

Plastic profile bars for light and medium loads. Assen bly without screws.

- Available customized in **16 mm sections**.
- Outside/inside: release by rotating 90°.





Stays on every 8th section, standard (HS: half-stayed)

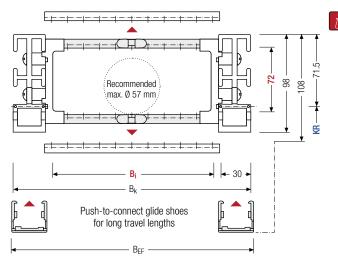


Stays on every 4th section (VS: fully-stayed)



 $B_i 74 - 570 \text{ mm in}$

16 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 Lk

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

Cable carrier length Lk rounded to pitch t

hį	hG	hgʻ					Bi					B_k	B_{EF}	KR	q _k
[mm]	[mm]	[mm]					[mm]					[mm]	[mm]	[mm]	[kg/m]
											202			180 250	
70 0	00	100	218	234	250	266	282	298	314	330	346	D 00	D . OO E	300 370	2.74
12	90	100	362	378	394	410	426	442	458	474	490	Dj + 02	B _i + 89.5	460 600	3.67
							570								0.07

Order example



0100 RE | Inner distribution | TS0 · TS1 · TS2

Divider systems

The divider system is mounted on each crossbar as a standard – on every 8^{th} section 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).

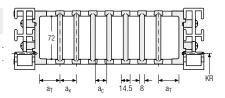
For applications with lateral accelerations and applications with the cable carrier rotated by 90° , the dividers can easily be fixed by turning the frame stay by 180° . The arresting cams click into place in the locking grids in the crossbar **(version B)**.

The groove in the frame stay faces outwards.

Divider system TS0 without height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]		a _{x grid} [mm]	n _T min
Α	12	14.5	6.5	-	-
В	13	16	8	16	-

The dividers are movable within the cross section (version A) or fixed (version B).

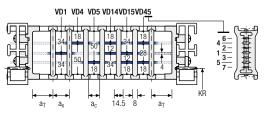




Divider system TS1 with continuous height separation

Vers.					a _{x grid} [mm]	
Α	12	25	14.5	6.5	-	2
В	13	29	16	8	16	2

The dividers are movable within the cross section (version A) or fixed (version B).

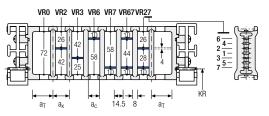


Divider system TS2 with partial height separation

Vers.	a _{T min} [mm]	a _{x min} [mm]	a _{c min} [mm]	a _{x grid} [mm]	n _T
Α	12	14.5*/20	6.5*/12	-	2
В	13	16*/32	8*/24	16	2

* for VR0

With grid distribution (16 mm grid). The dividers are fixed by the height separation; the grid is movable in the cross section (version A) or fixed (version B).



UAT series PR0TUM® series

UNIFLEX Advanced series

> TKHD erries

> ∠ eries

> TKR series

TKA series

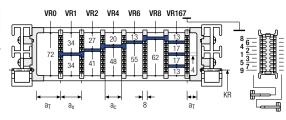
Q100 RE | Inner distribution | TS3

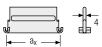
Divider system TS3 with height separation consisting of plastic partitions

Vers.		[mm]	a _{c min} [mm]	
Α	8	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.



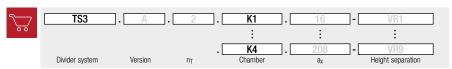


Aluminum partitions in 1 mm increments with $a_x > 42$ mm are also available.

	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. The height separations VR8 and VR9 are not possible when using twin dividers.

Order example



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.

TOTALTRAX® complete systems

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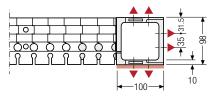


TRAXLINE® cables for cable carriers

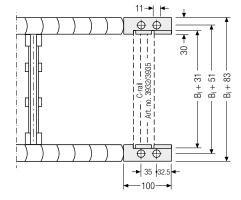
Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at tsubaki-kabelschlepp.com/traxline

Universal end connectors UMB - plastic (standard)

The universal end connectors (UMB) are made from plastic and can be mounted from the top, from the bottom or face on.



Assembly options





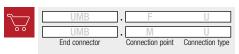
Connection point

F – fixed pointM – driver

Connection type

U – universal end connector

Order example



We recommend the use of strain reliefs at the driver and fixed point. See from p. 902.

More product information online



Subject to change without notice.

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



Configure your custom cable carrier here: