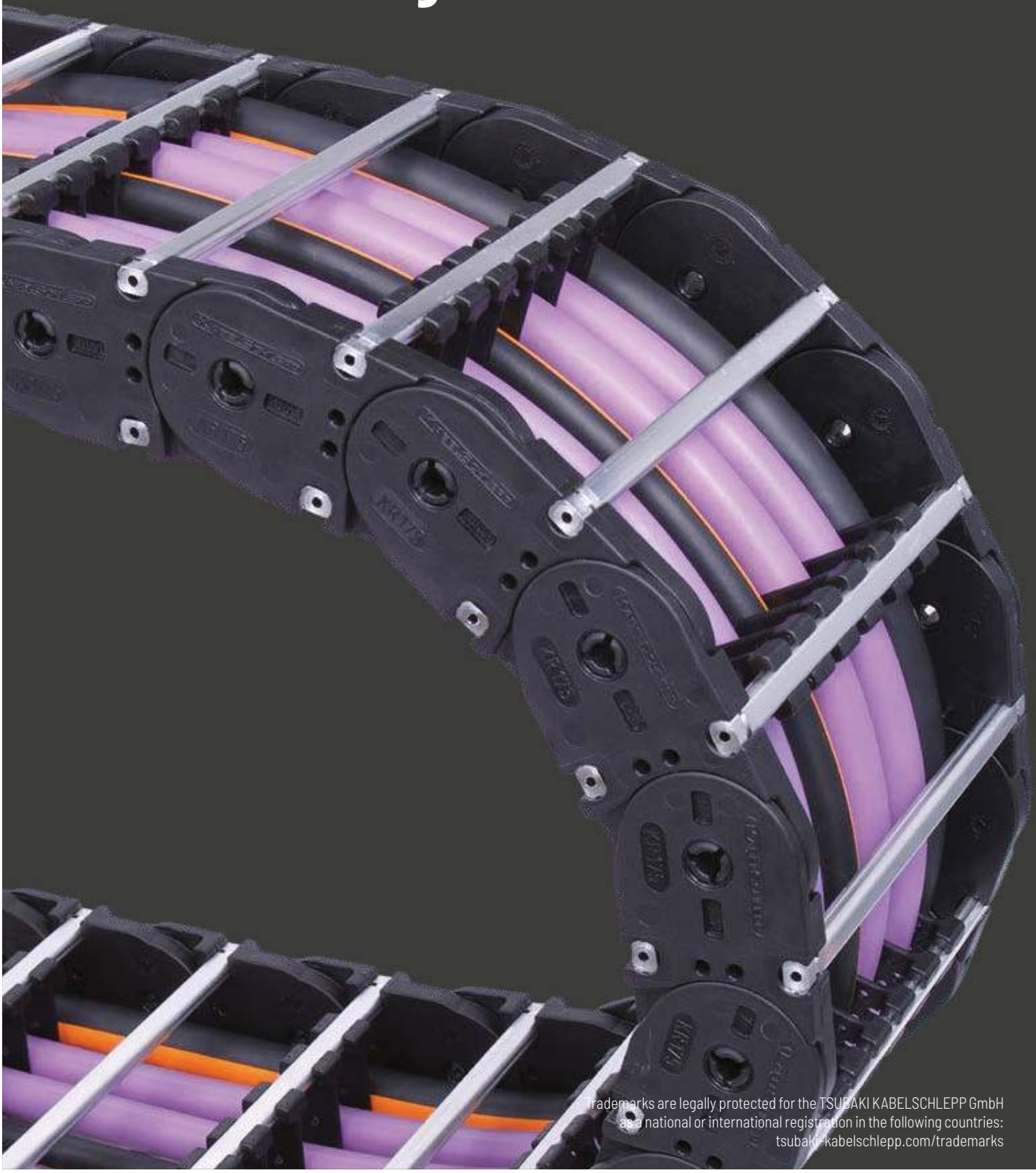
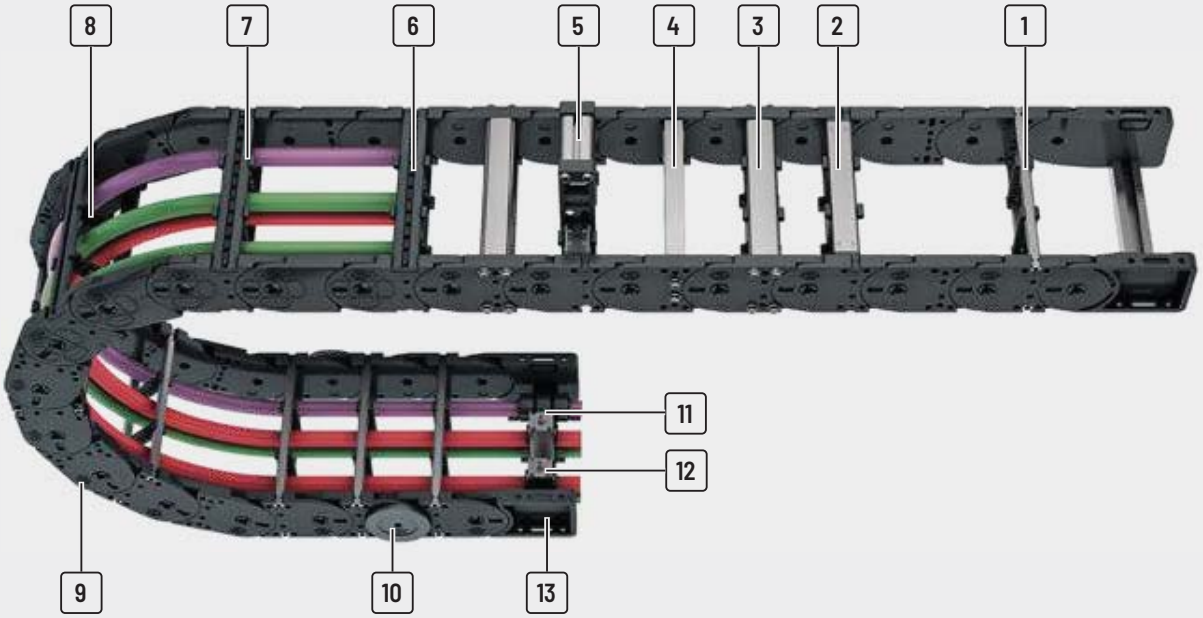
# K series

## Cost-effective, robust cable carrier – suitable for large additional loads

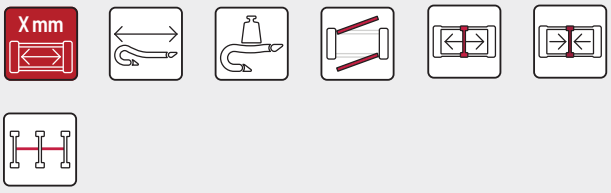





**1** Aluminum stays available in **1 mm width sections**
**2** Aluminum stays in reinforced version
**3** Aluminum stays with 4 screw-fixing points for extreme loads
**4** Aluminum hole stays
**5** Mounting frame stays
**6** Plastic stays available in **8 or 16 mm width sections**
**7** Can be opened quickly on the inside and the outside for cable laying
**8** Fixable dividers
**9** Molded slide runners
**10** Slide discs
**11** C-rail for strain relief elements
**12** Strain relief elements
**13** Universal end connectors (UMB)

## Features

» Stable sidebands through robust link plate design
» Encapsulated, dirt-resistant stroke system
» Long service due to minimized hinge wear owing to the "life extending 2 disc principle"
» Versions with aluminum stays available in 1 mm width sections up to 700 mm inner width
» Versions with plastic stays available in 8 or 16 mm width sections
» Large selection of vertical and horizontal stay separation options for your cables




**Minimized hinge wear owing to the "life extending 2 disc principle"**

**Slide discs for long service life for applications where the carrier is rotated through 90°**

**Molded slide runners for long service life in sliding arrangement**

**Many separation options for the cables**

# K series | Overview



| Type | Opening variant | Stay variant | $h_i$ [mm] | $h_G$ [mm] | $B_i$ [mm] | $B_k$ [mm] | $B_i$-grid [mm] | t [mm] | KR [mm] | Additional load ≤ [kg/m] | Cable-$d_{max}$ [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **K0650** | | | | | | | | | | | |
|  | | RS | 38 | 57.5 | 75 – 400 | 103 – 428 | 1 | 65 | 75 – 300 | 20 | 30 |
| | | LG | 36 | 57.5 | 75 – 600 | 103 – 628 | 1 | 65 | 75 – 300 | 20 | 32 |
| | | RMA | 200 | 224 | 200 – 400 | 234 – 428 | 1 | 65 | 75 – 300 | 20 | 160 |
| | | RE | 42 | 57.5 | 68 – 268 | 96 – 296 | 8 | 65 | 75 – 300 | 20 | 33 |
| **K0900** | | | | | | | | | | | |
|  | | RS | 58 | 78.5 | 100 – 400 | 131 – 431 | 1 | 90 | 130 – 385 | 30 | 46 |
| | | RV | 58 | 78.5 | 100 – 500 | 131 – 531 | 1 | 90 | 130 – 385 | 30 | 46 |
| | | RM | 54 | 78.5 | 100 – 600 | 131 – 631 | 1 | 90 | 130 – 385 | 30 | 43 |
| | | LG | 50 | 78.5 | 100 – 700 | 131 – 731 | 1 | 90 | 130 – 385 | 30 | 42 |
| | | RMA | 200 | 224 | 200 – 500 | 231 – 531 | 1 | 90 | 130 – 385 | 30 | 160 |
| | | RMR | 51 | 78.5 | 100 – 600 | 131 – 631 | 1 | 90 | 130 – 385 | 30 | 41 |
| | | RE | 58 | 78.5 | 81 – 561 | 112 – 592 | 16 | 90 | 130 – 385 | 30 | 46 |

* Further information on request.

# K series | Overview

| Unsupported arrangement | | | Gliding arrangement | | | Inner Distribution | | | | Movement | | | Page |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Travel length ≤ [m] | $v_{max}$ ≤ [m/s] | $a_{max}$ ≤ [m/s²] | Travel length ≤ [m] | $v_{max}$ ≤ [m/s] | $a_{max}$ ≤ [m/s²] | TS0 | TS1 | TS2 | TS3 | vertical hanging or standing | lying on the side | rotating arrangement | |
| 4.8 | 8 | 40 | 220 | 2 | 3 | • | • | • | • | • | • | • | 312 |
| 4.8 | 8 | 40 | 220 | 2 | 3 | – | – | – | – | • | • | • | 316 |
| 4.8 | 8 | 40 | 220 | 2 | 3 | • | – | – | – | • | • | – | 318 |
| 4.8 | 8 | 40 | 220 | 2 | 3 | • | • | – | • | • | • | • | 320 |
| 8.4 | 6 | 30 | 260 | 2 | 3 | • | • | • | • | • | • | • | 326 |
| 8.4 | 6 | 30 | 260 | 2 | 3 | • | • | • | • | • | • | • | 330 |
| 8.4 | 6 | 30 | 260 | 2 | 3 | • | • | – | – | • | • | • | * |
| 8.4 | 6 | 30 | 260 | 2 | 3 | – | – | – | – | • | • | • | 334 |
| 8.4 | 6 | 30 | 260 | 2 | 3 | • | – | – | – | • | • | – | 336 |
| 8.4 | 6 | 30 | 260 | 2 | 3 | • | – | – | – | • | • | • | * |
| 8.4 | 6 | 30 | 260 | 2 | 3 | • | • | • | • | • | • | • | 338 |

# K0650

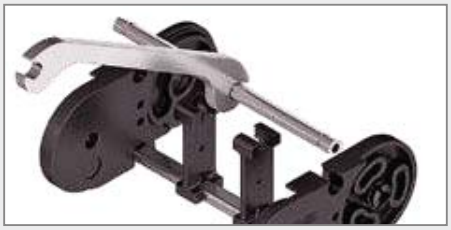
**Pitch**
65 mm

**Inner heights**
38 – 42 mm

**Inner widths**
68 – 400 mm

**Bending radii**
75 – 300 mm

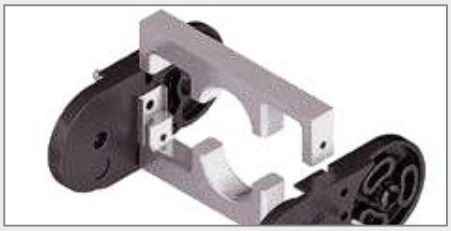
## Stay variants



### Aluminum stay RS page 312

**Frame stay, narrow "The standard"**

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



### Aluminum stay LG page 316

**Hole stay, split version**

» Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
» **Outside/inside:** Screw-fixing easy to release.

### Aluminum stay RMA page 318

**Mounting frame stay**

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

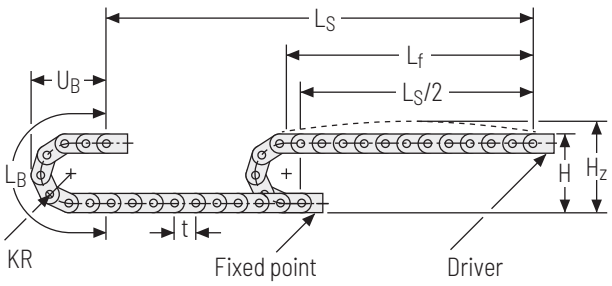
### Plastic stay RE page 320

**Frame screw-in stay**

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

# K0650 | Installation dim. | Unsupported · Gliding

## Unsupported arrangement

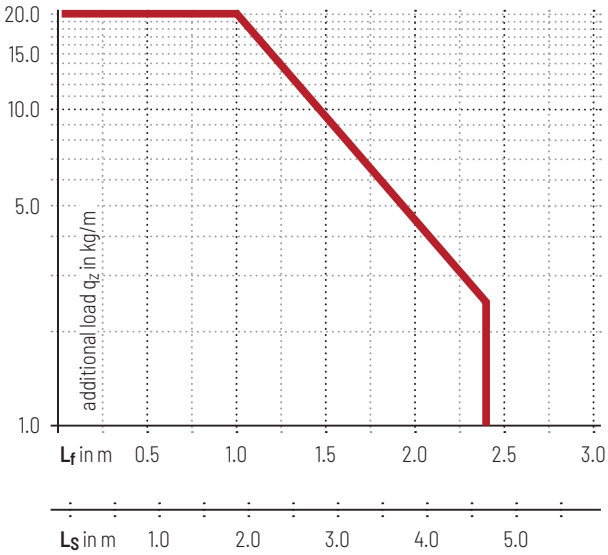



| KR [mm] | H [mm] | Hz [mm] | LB [mm] | UB [mm] |
|---|---|---|---|---|
| 75 | 205 | 245 | 366 | 168 |
| 115 | 285 | 325 | 492 | 208 |
| 145 | 345 | 385 | 586 | 238 |
| 175 | 405 | 445 | 680 | 268 |
| 220 | 495 | 535 | 822 | 313 |
| 300 | 655 | 695 | 1073 | 393 |

**Load diagram for unsupported length** depending on 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 kg/m. For other inner widths, the maximum additional load changes.



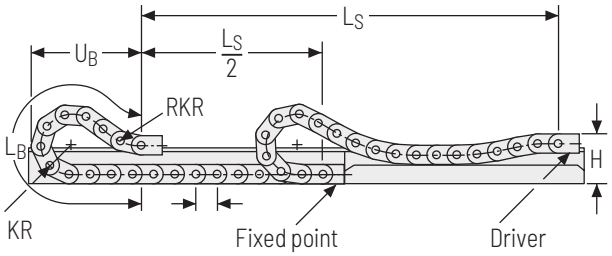

**Speed**
up to 8 m/s

**Acceleration**
up to 40 m/s²

**Travel length**
up to 4.8 m

**Additional load**
up to 20 kg/m

## Gliding arrangement




**Speed**
up to 2 m/s

**Acceleration**
up to 3 m/s²

**Travel length**
up to 220 m

**Additional load**
up to 20 kg/m

The gliding cable carrier must be guided in a channel. See p. 850.

If the cable carrier is positioned so it is rotated by 90° (gliding on the outside of the side band), slide discs snapped onto the side optimize the friction and wear situation.

# KC0650 RS | Dimensions · Technical Data

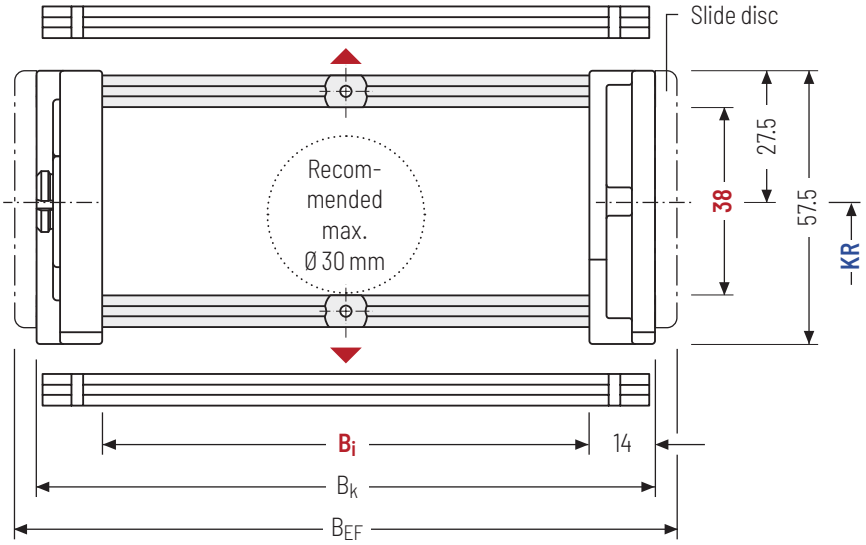
## Aluminum stay RS – frame stay narrow

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

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

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

1 mm
$B_i$ 75 – 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]* | $B_k$ [mm] | $B_{EF}$ [mm] | KR [mm] | | | | | | $q_k$ [kg/m] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 57,5 | **75 – 400** | $B_i$ + 28 | $B_i$ + 36 | **75** | **115** | **145** | **175** | **220** | **300** | 1.87 – 3.60 |

* in 1 mm width sections

### Order example

| KC0650 | . | 176 | . | RS | . | 115 | - | 1430 | | HS |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [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 2nd chain link for stay mounting (HS – half-stayed).

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

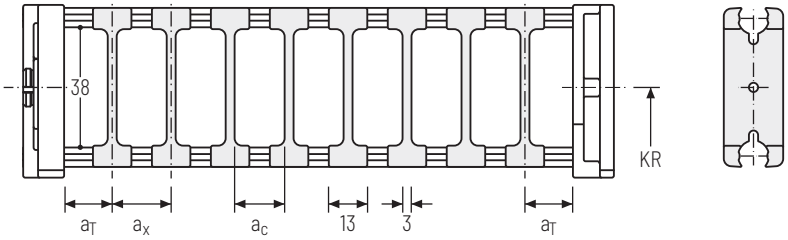
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping on a socket (available as an accessory).

This socket additionally acts as a spacer between the dividers and is available in a 1 mm grid between 3 – 50 mm. The inner height is reduced to 32 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 | 6.5 | 13 | 10 | 2 |

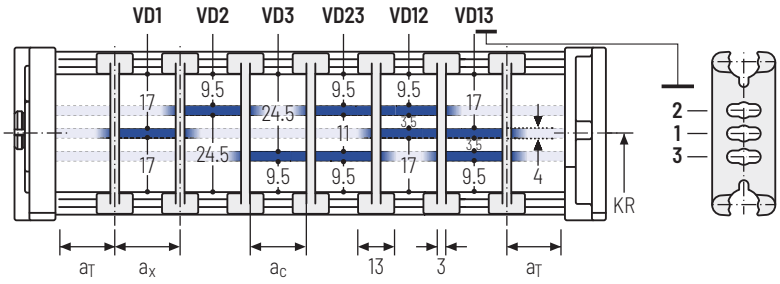
The dividers can be moved in the cross section.




## **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 | 6.5 | 25 | 13 | 10 | 2 |

The dividers can be moved in the cross section.

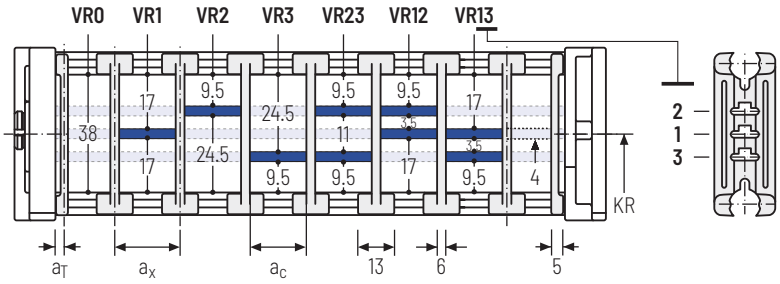



## **Divider system TS2** with partial height separation

| Vers. | $a_{T\,min}$ [mm] | $a_{x\,min}$ [mm] | $a_{c\,min}$ [mm] | $n_{T\,min}$ |
|---|---|---|---|---|
| A | 3.5 | 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).




### Additional product information online

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

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

# KC0650 RS | Inner distribution | TS3

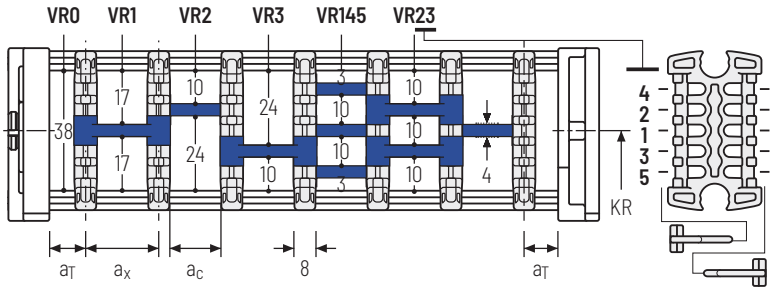


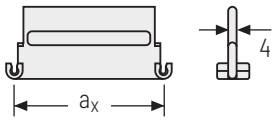
## Divider system TS3 with height separation consisting of plastic partitions

| Vers. | $a_{T\,min}$ [mm] | $a_{x\,min}$ [mm] | $a_{c\,min}$ [mm] | $n_{T\,min}$ |
|---|---|---|---|---|
| A | 4 | 16 / 42* | 8 | 2 |

* For aluminum partitions

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

## Order example

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

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

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.

### 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**

# KC0650 LG | Dimensions · Technical Data

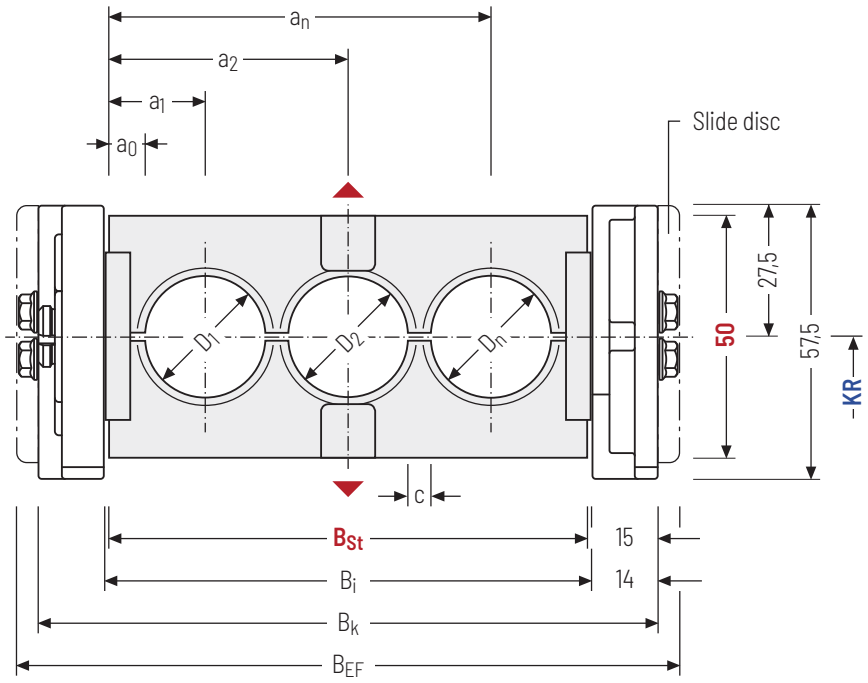
## Aluminum stay LG –
Hole stay, split version

» Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
» Available customized in **1 mm width sections**.
» **Outside/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)**

1 mm
$B_i$ 75 – 600 mm in **1 mm width sections**




The outer width of the cable carrier corresponds to dimension $B_{EF}$ for stay variant LG.

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

### Calculating the cable carrier length

**Cable carrier length $L_k$**

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

Cable carrier length $L_k$ rounded to pitch t

### Calculating the stay width

**Stay width $B_{St}$**

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

| $D_{max}$ [mm] | $D_{min}$ [mm] | $h_G$ [mm] | $B_i$ [mm] | $B_{St}$ [mm]* | $B_k$ [mm] | $B_{EF}$ [mm] | $c_{min}$ [mm] | $a_{0\,min}$ [mm] | KR [mm] | | | $q_k$ 50 %** [kg/m] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 75 | 115 | 145 | |
| 36 | 9 | 57.5 | 75 – 600 | **73 – 598** | $B_{St}$ + 30 | $B_{St}$ + 38 | 4 | 9 | 175 | 220 | 300 | 2.20 – 5.15 |

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

### Order example

| KC0650 | . | 176 | . | LG | . | 115 | - | 1430 | | HS |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [mm] | | Stay variant | | KR [mm] | | $L_k$ [mm] | | Stay arrangement |

# KC0650 RMA | Dimensions · Technical data

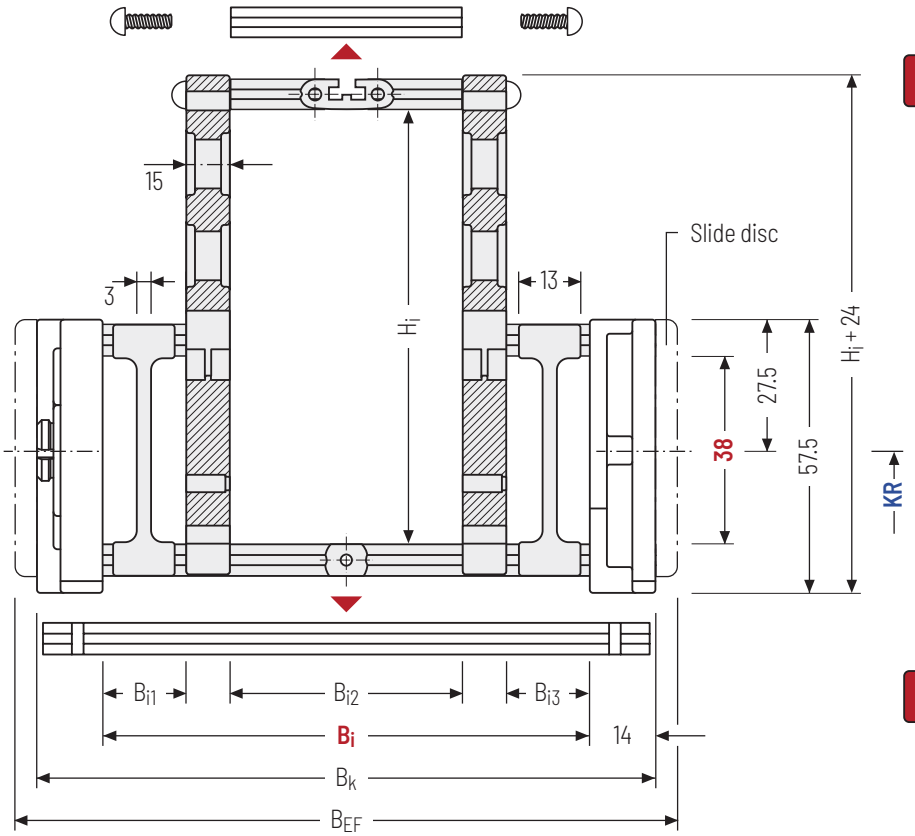
## Aluminum stay RMA – mounting frame stay

- Aluminum profile bars with plastic mounting frame stays for guiding very large cable diameters.
- The mounting frame stay can be mounted either inside or outside in the bending radius.Available customized in 1 **mm width sections**.
- **Outside/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)**

1 mm — $B_i$ 200 – 400 mm in **1 mm width sections**




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

### Calculating the cable carrier length

**Cable carrier length $L_k$**

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

Cable carrier length $L_k$ rounded to pitch t

**Intrinsic cable carrier weight**

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

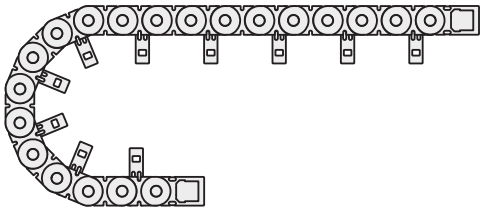
| $h_i$ [mm] | $H_i$ [mm] | | $h_G$ [mm] | $B_i$ [mm] | $B_{i1\,min}$ [mm] | $B_{i3\,min}$ [mm] | $B_k$ [mm] | $B_{EF}$ [mm] | KR [mm] | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 130 | 160 | 57.5 | 200 – 400 | 18 | 18 | $B_i$ + 28 | $B_i$ + 36 | 75 | 115 | 145 |
| | 200 | | | | | | | | 175 | 220 | 300 |

### Order example

| KC0650 | . | 276 | . | RMA2 | . | 145 | - | 1430 | HS |
|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [mm] | | Stay variant | | KR [mm] | | $L_k$ [mm] | Stay arrangement |

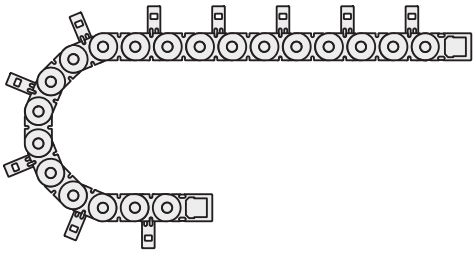
# KC0650 RMA | Dimensions · Technical data

## Assembly variants



**RMA 1 – assembly to the inside:**
Gliding application is not possible when using assembly version RMA 1.

Observe minimum KR:
$H_i$ = 130 mm: $KR_{min}$ = 175 mm
$H_i$ = 160 mm: $KR_{min}$ = 220 mm
$H_i$ = 200 mm: $KR_{min}$ = 300 mm



**RMA 2 – 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@kabelschlepp.de to find the corresponding guide channel.

Please note the operating and installation height.

# KE0650 RE | Dimensions · Technical Data

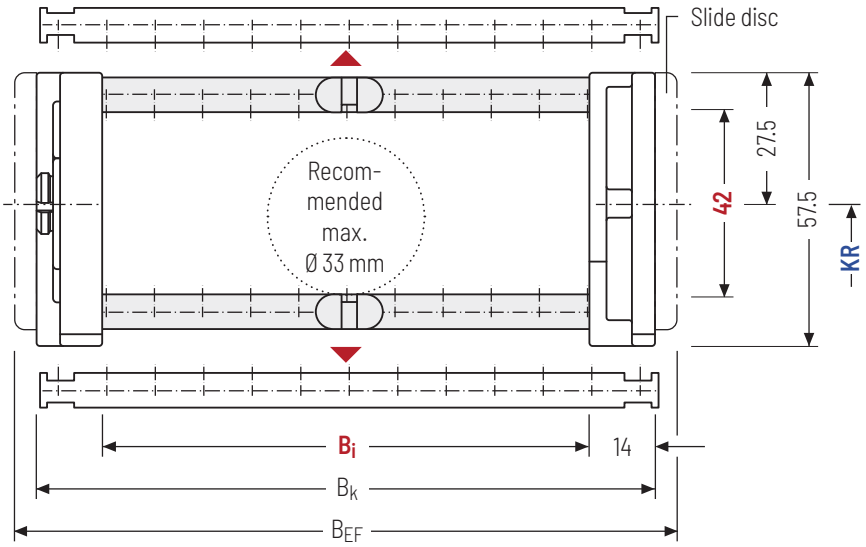
## Plastic stay RE –
screw-in frame stay

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

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

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

8 mm
$B_i$ 68 – 260 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] | $B_{EF}$ [mm] | KR [mm] | | $q_k$ [kg/m] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 57.5 | 68 | 76 | 84 | 92 | 100 | 108 | 116 | 124 | 132 | $B_i$ + 28 | $B_i$ + 36 | 75 | 115 | 1.75 – 2.71 |
| | | 140 | 148 | 156 | 164 | 172 | 180 | 188 | 196 | 204 | | | 145 | 175 | |
| | | 212 | 220 | 228 | 236 | 244 | 252 | 260 | | | | | 220 | 300 | |

### Order example

| KE0650 | . | 140 | . | RE | . | 115 | - | 2600 | HS |
|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [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 2nd chain link for stay mounting (HS – half-stayed).

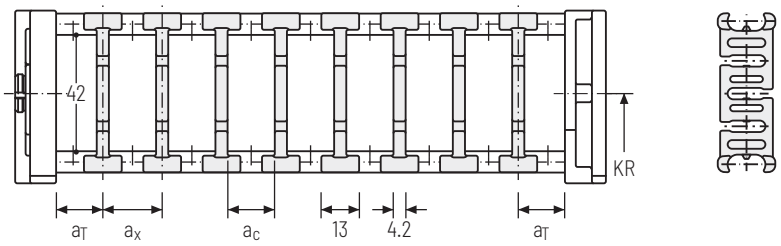
As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

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 |
|---|---|---|---|---|---|
| A | 6.5 | 13 | 8.8 | – | 2 |
| B | 13 | 16 | 11.8 | 8 | 2 |

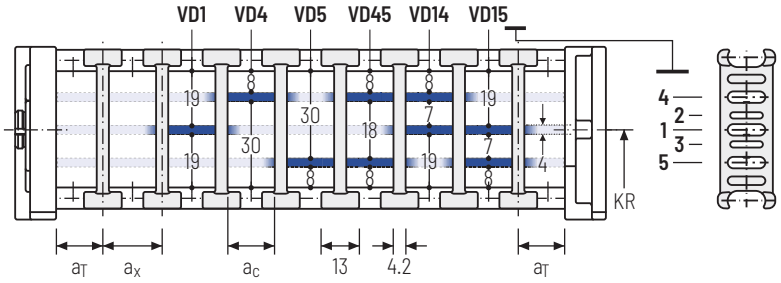
The dividers can be moved in the cross section.




## Divider system TS1 with continuous height separation

| Vers. | $a_T$ min [mm] | $a_x$ min [mm] | $a_c$ min [mm] | $a_x$ grid [mm] | $n_T$ min |
|---|---|---|---|---|---|
| A | 6.5 | 13 | 8.8 | – | 2 |

The dividers can be moved in the cross section.




## Additional product information online

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

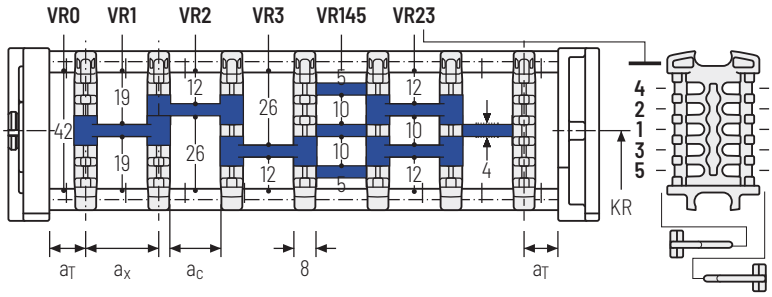
Configure your cable carrier here: **online-engineer.de**

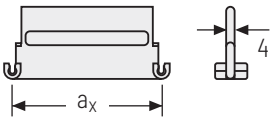
## Divider system TS3 with height separation consisting of plastic partitions

| Vers. | $a_{T\,min}$ [mm] | $a_{x\,min}$ [mm] | $a_{c\,min}$ [mm] | $n_{T\,min}$ |
|---|---|---|---|---|
| A | 4 | 16 / 42* | 8 | 2 |

* For aluminum partitions

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




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

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

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

## Order example

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

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

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.

### TOTALTRAX® complete systems

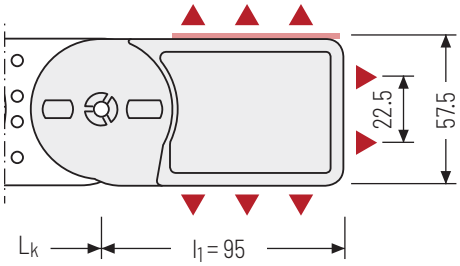
Benefit from the advantages of the TOTALTRAX® complete system. A complete delivery from one source – with a warranty certificate on request!
Learn more at **tsubaki-kabelschlepp.com/totaltrax**

### TRAXLINE® cables for cable carriers

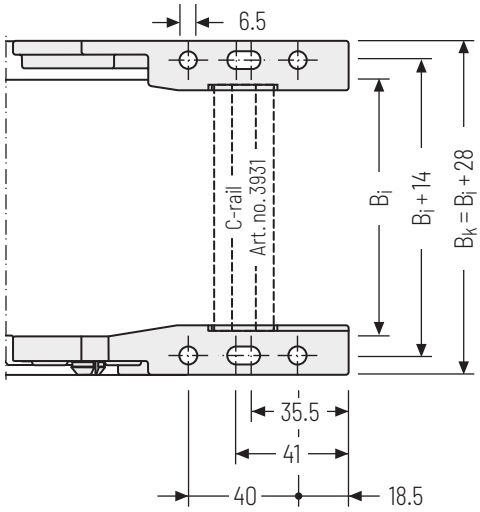
Hi-flex electric cables which were especially developed, optimized and tested for use in cable carriers can be found at **tsubaki-kabelschlepp.com/traxline**

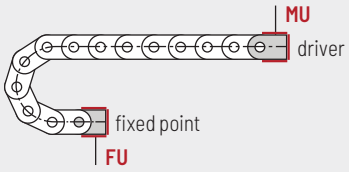
## Universal end connectors UMB – plastic (standard)

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




▲ Assembly options




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

**Connection type**
**U** – Universal mounting bracket

### Order example

| UMB | . | F | U |
|---|---|---|---|
| UMB | . | M | U |
| End connector | | Connection point | Connection type |

We recommend the use of strain reliefs at the driver and fixed point. See from p. 908.

### Additional product information online

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

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

# K0900

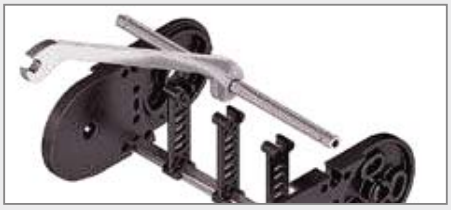
**Pitch**
90 mm

**Inner heights**
58 mm

**Inner widths**
81 – 561 mm

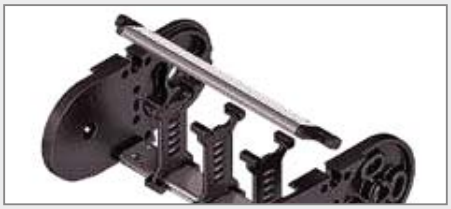
**Bending radii**
130 – 385 mm

## Stay variants



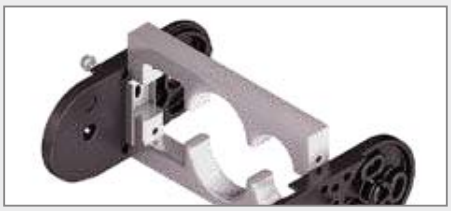
### Aluminum stay RS page **326**

**Frame stay, narrow "The standard"**
» Aluminum profile bars for light to medium loads. Assembly without screws.
» **Outside/inside:** to open by rotating 90°.



### Aluminum stay RV page **330**

**Frame stay, reinforced**
» Aluminum profile bars plastic adapter for medium to high loads and large cable carrier widths. Assembly without screws.
» **Outside/inside:** to open by rotating 90°.



### Aluminum stay LG page **334**

**Hole stay, split version**
» Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
» **Outside/inside:** Screw-fixing easy to release.

### Aluminum stay RMA page **336**

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

### Plastic stay RE page **338**

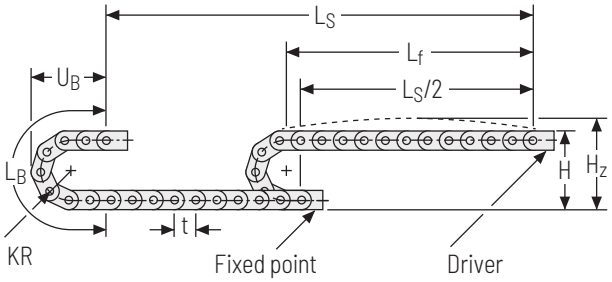
**Frame screw-in stay**
» Plastic profile bars for light to medium loads. Assembly without screws.
» **Outside/inside:** to open by rotating 90°.

## Additional stay variants on request

**Aluminum stay RM**
Aluminum profile bars for high loads.

**Aluminum stay RMR**
Gentle cable guiding with rollers.

## Unsupported arrangement

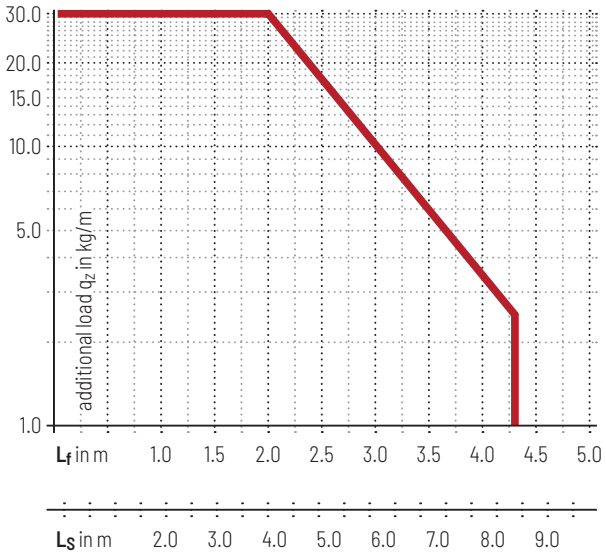



| KR [mm] | H [mm] | Hz [mm] | LB [mm] | UB [mm] |
|---|---|---|---|---|
| 130 | 336 | 386 | 589 | 258 |
| 150 | 376 | 426 | 652 | 278 |
| 190 | 456 | 506 | 777 | 318 |
| 245 | 566 | 616 | 950 | 373 |
| 300 | 676 | 726 | 1123 | 428 |
| 385 | 846 | 896 | 1390 | 513 |

**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 $q_k$ = 4.05 kg/m. For other inner widths, the maximum additional load changes.



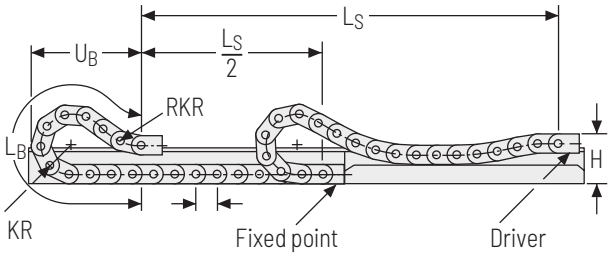

**Speed**
up to 6 m/s

**Acceleration**
up to 30 m/s²

**Travel length**
up to 8.4 m

**Additional load**
up to 30 kg/m

## Gliding arrangement




**Speed**
up to 2 m/s

**Acceleration**
up to 3 m/s²

**Travel length**
up to 260 m

**Additional load**
up to 30 kg/m

The gliding cable carrier must be guided in a channel. See p. 850.

If the cable carrier is positioned so it is rotated by 90° (gliding on the outside of the side band), slide discs snapped onto the side optimize the friction and wear situation.

# KC0900 RS | Dimensions · Technical Data

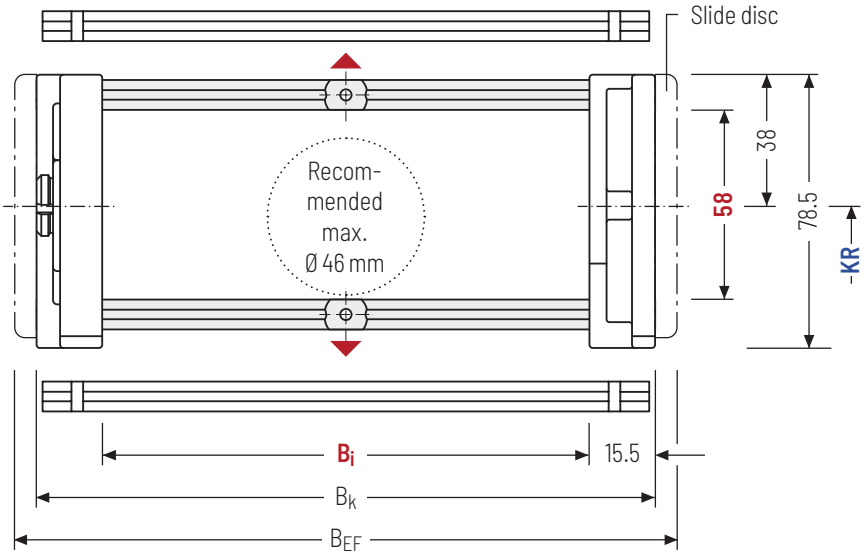
## Aluminum stay RS – frame stay narrow

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

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

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

1 mm
$B_i$ 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]* | $B_k$ [mm] | $B_{EF}$ [mm] | KR [mm] | | | | | | $q_k$ [kg/m] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 78.5 | 100 – 400 | $B_i$ + 31 | $B_i$ + 45 | 130 | 150 | 190 | 245 | 300 | 385 | 2.8 – 5.8 |

* in 1 mm width sections

### Order example

| KC0900 | . | 300 | . | RS | . | 150 | - | 1890 | | HS |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [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 2nd chain link for stay mounting (HS – half-stayed).

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

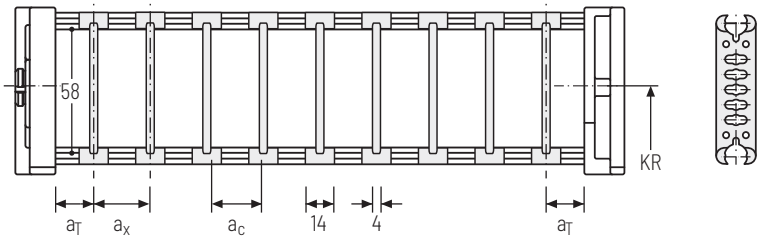
For applications with lateral acceleration and rotated by 90°, the dividers can be attached by simply clipping on a socket (available as an accessory).

The socket additionally serves as a spacer between the dividers and is available in 1 mm sections between 3 – 50 mm. The inner height is reduced to 54 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 | 2 |

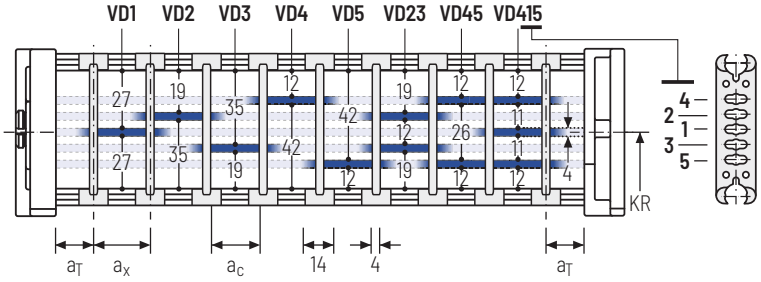
The dividers can be moved in the cross section.




## **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.

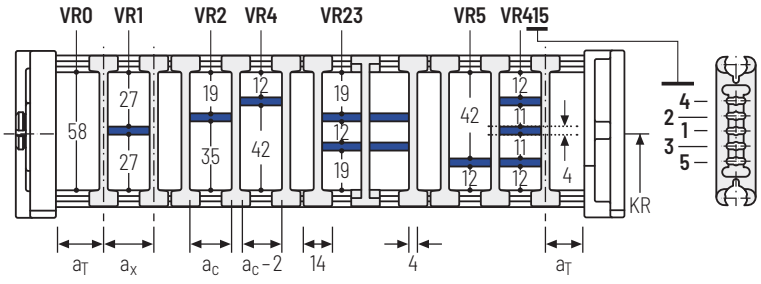



## **Divider system TS2** with partial height separation

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

With grid distribution **(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.

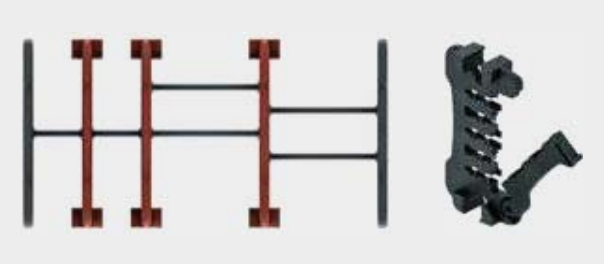
## Order example

| TS1 | . | A | . | 3 | . | K1 | . | 34 | - | VD1 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ⋮ | | ⋮ | | ⋮ |
| | | | | | . | K4 | . | 38 | - | VD3 |
| Divider system | | Version | | $n_T$ | | Chamber | | $a_x$ | | Height separation |

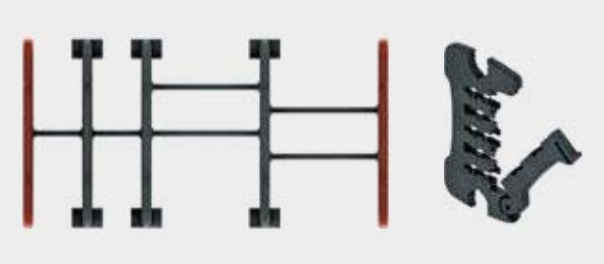
## Divider system TS3 with height separation consisting of plastic partitions

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



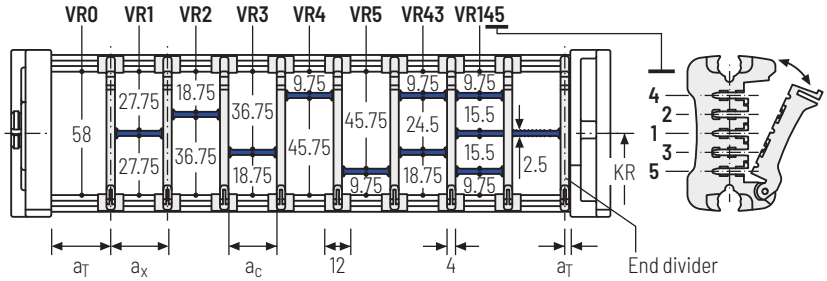
### End divider

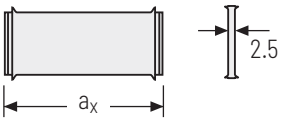


| Vers. | $a_T$ min [mm] | $a_x$ min [mm] | $a_C$ min [mm] | $n_T$ min |
|---|---|---|---|---|
| A | 6 / 2* | 14 | 10 | 2 |

* 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** | **48** | **49** | **54** |
| 10 | 12 | 15 | 19 | 20 | 24 | 25 | 28 | 29 | 30 | 34 | 35 | 39 | 40 | 44 | 45 | 50 |
| **58** | **59** | **64** | **68** | **69** | **74** | **78** | **79** | **80** | **84** | **88** | **89** | **94** | **96** | **99** | **112** | |
| 54 | 55 | 60 | 64 | 65 | 70 | 74 | 75 | 76 | 80 | 84 | 85 | 90 | 92 | 95 | 108 | |

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

## Order example

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

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

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

# KC0900 RV | Dimensions · Technical Data

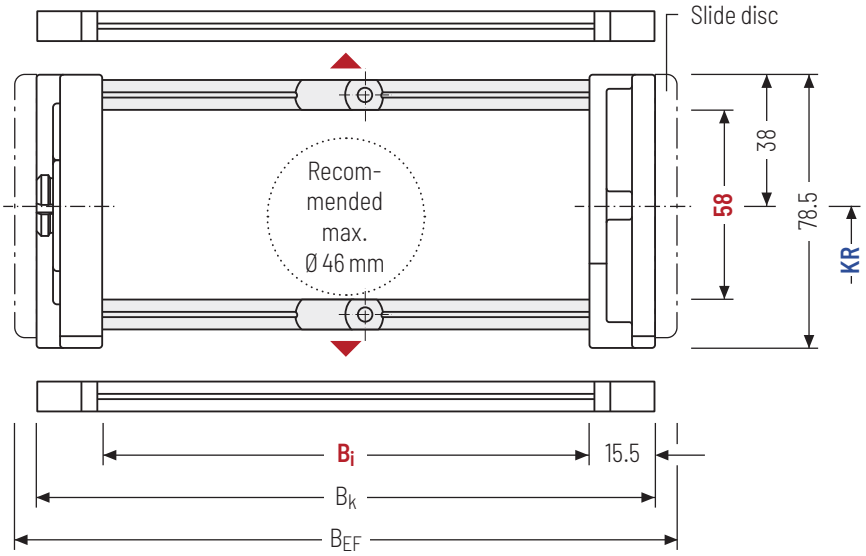
## Aluminum stay RV – frame stay reinforced

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

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

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

1 mm
$B_i$ 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]* | $B_k$ [mm] | $B_{EF}$ [mm] | KR [mm] | | | | | | $q_k$ [kg/m] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 78.5 | 100 – 500 | $B_i$ + 31 | $B_i$ + 45 | 130 | 150 | 190 | 245 | 300 | 385 | 3.2 – 7.0 |

* in 1 mm width sections

### Order example

| KC0900 | . | 400 | . | RV | . | 150 | - | 1890 | | HS |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [mm] | | Stay variant | | KR [mm] | | $L_k$ [mm] | | Stay arrangement |

## Divider systems

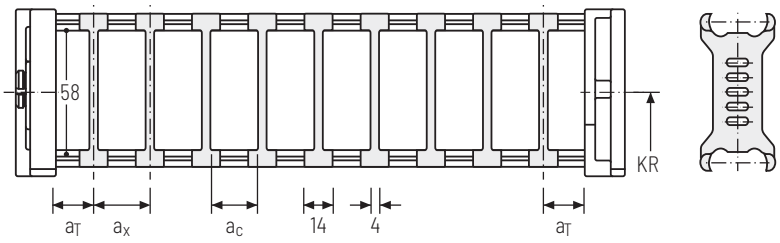
The divider system is mounted on each crossbar as a standard – on every 2nd chain link for stay mounting (HS – half-stayed).

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

## Divider system TS0 without height separation

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

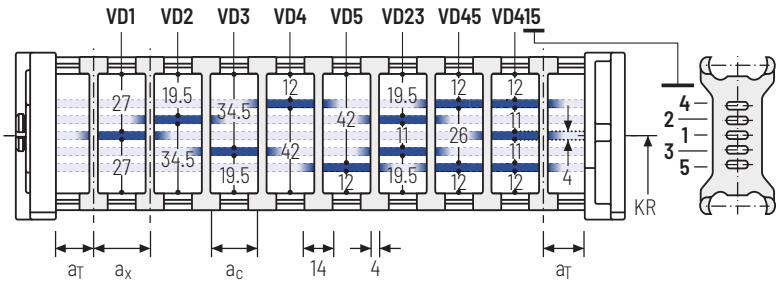
The dividers can be moved in the cross section.




## 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.

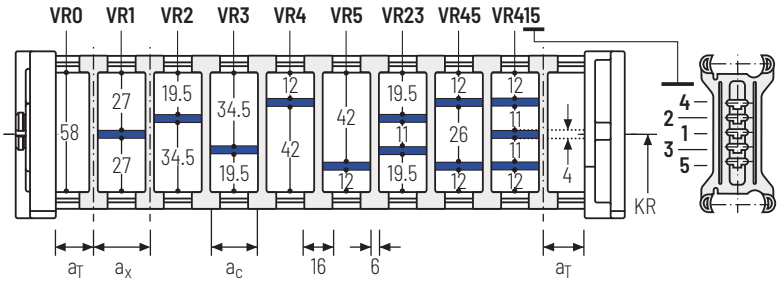



## Divider system TS2 with partial height separation

| Vers. | $a_T$ min [mm] | $a_x$ min [mm] | $a_c$ min [mm] | $n_T$ min |
|---|---|---|---|---|
| A | 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).




## Additional product information online

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

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

# KC0900 RV | Inner distribution | TS3

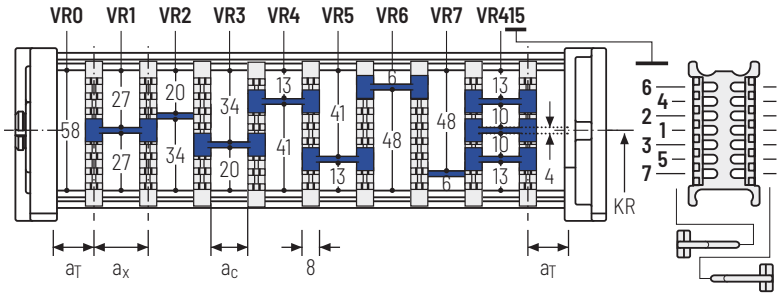


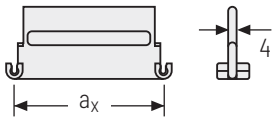
## Divider system TS3 with height separation consisting of plastic partitions

| Vers. | $a_{T\,min}$ [mm] | $a_{x\,min}$ [mm] | $a_{c\,min}$ [mm] | $n_{T\,min}$ |
|---|---|---|---|---|
| A | 4 | 16 / 42* | 8 | 2 |

* For aluminum partitions

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

## Order example

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

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

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.

## Additional product information online

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

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

# KC0900 LG | Dimensions · Technical Data

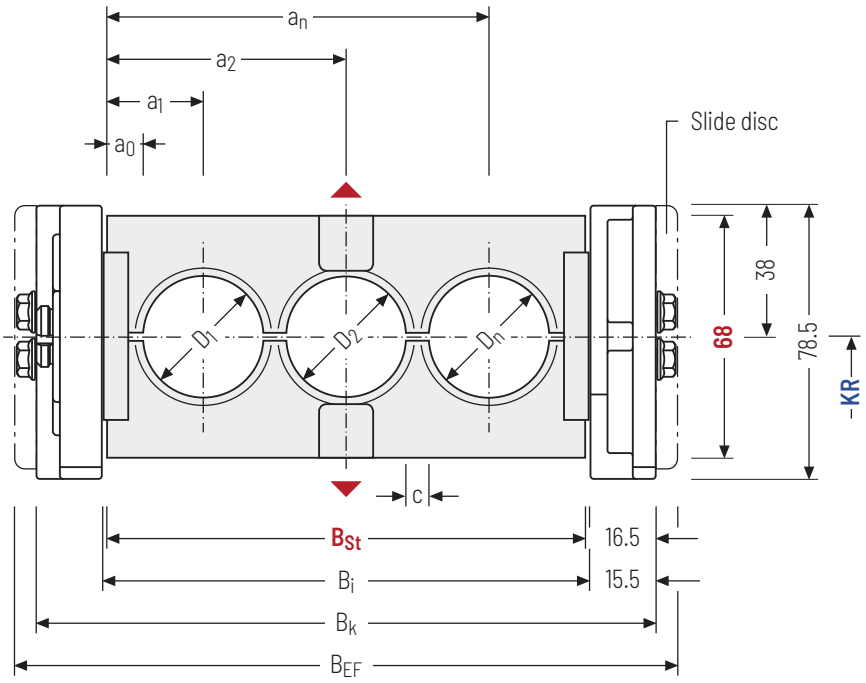
## Aluminum stay LG –
Hole stay, split version

- Optimum cable routing in the neutral bending line. Split version for easy cable routing. Stays also available unsplit.
- Available customized in **1 mm width sections**.
- **Outside/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)**

1 mm
$B_i$ 100 – 700 mm in **1 mm width sections**




The outer width of the cable carrier corresponds to dimension $B_{EF}$ for stay variant LG.

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

### Calculating the cable carrier length

**Cable carrier length $L_k$**

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

Cable carrier length $L_k$ rounded to pitch t

### Calculating the stay width

**Stay width $B_{St}$**

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

| $D_{max}$ [mm] | $D_{min}$ [mm] | $h_G$ [mm] | $B_i$ [mm] | $B_{St}$ [mm]* | $B_k$ [mm] | $B_{EF}$ [mm] | $c_{min}$ [mm] | $a_{0\,min}$ [mm] | KR [mm] | | | $q_k$ 50 %** [kg/m] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 130 | 150 | 190 | |
| 50 | 10 | 78.5 | 100 – 700 | **98 – 698** | $B_{St}$ + 33 | $B_{St}$ + 45 | 4 | 11 | 245 | 300 | 385 | 4.79 – 9.83 |

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

## Order example

| KC0900 | . | 400 | . | LG | . | 150 | - | 1890 | | HS |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [mm] | | Stay variant | | KR [mm] | | $L_k$ [mm] | | Stay arrangement |

# KC0900 RMA | Dimensions · Technical Data

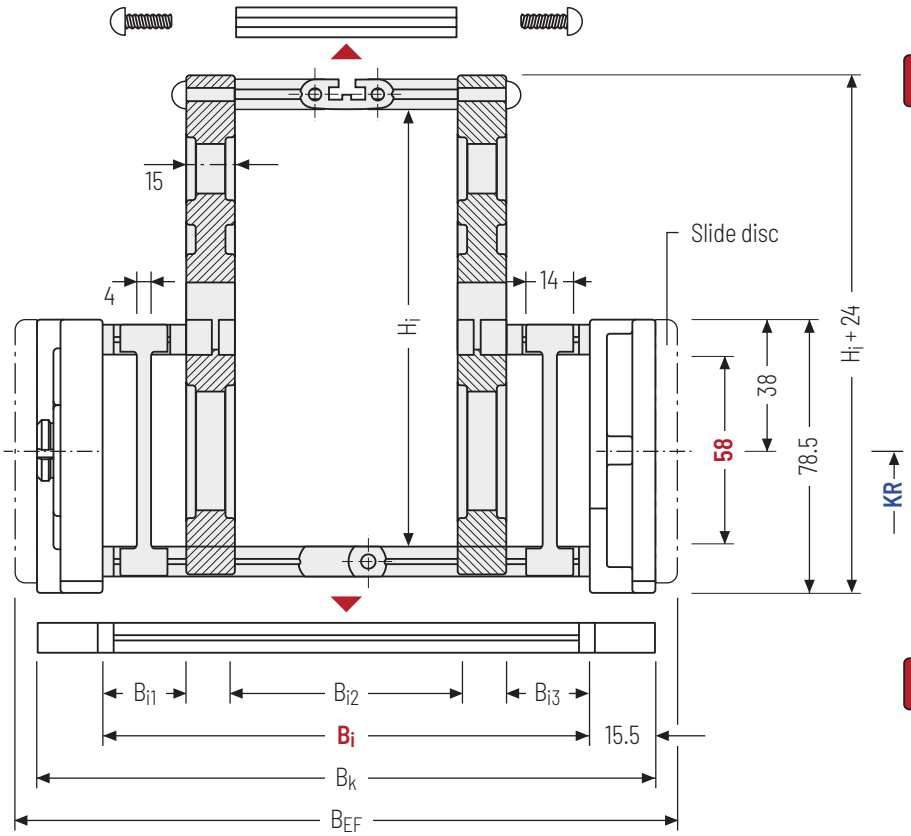
## Aluminum stay RMA – mounting frame stay

- Aluminum profile bars with plastic mounting frame stays for guiding very large cable diameters.
- The mounting frame stay can be mounted either inside or outside in the bending radius. Available customized in **1 mm width sections**.
- **Outside/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)**

1 mm — $B_i$ 200 – 500 mm in **1 mm width sections**




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

### Calculating the cable carrier length

**Cable carrier length $L_k$**

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

Cable carrier length $L_k$ rounded to pitch t

**Intrinsic cable carrier weight**

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

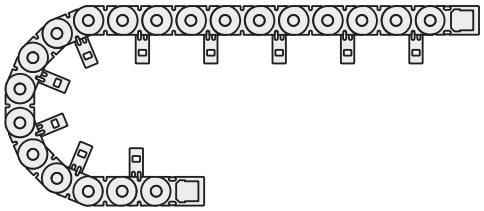
| $h_i$ [mm] | $H_i$ [mm] | | $h_G$ [mm] | $B_i$ [mm] | $B_{i1\,min}$ [mm] | $B_{i3\,min}$ [mm] | $B_k$ [mm] | $B_{EF}$ [mm] | KR [mm] | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 130 | 160 | 78.5 | 200 – 500 | 40 | 40 | $B_i$ + 31 | $B_i$ + 45 | 130 | 150 | 190 |
| | 200 | | | | | | | | 245 | 300 | 385 |

### Order example

| KC0900 | . | 400 | . | RMA2 | . | 150 | - | 1890 | | HS |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [mm] | | Stay variant | | KR [mm] | | $L_k$ [mm] | | Stay arrangement |

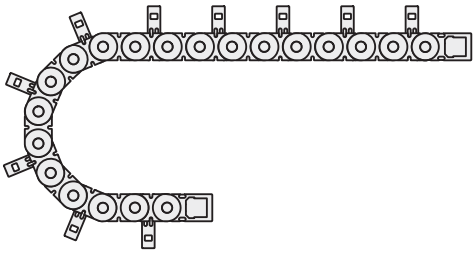
# KC0900 RMA | Dimensions · Technical Data

## Assembly variants



**RMA 1 – assembly to the inside:**
Gliding application is not possible when using assembly version RMA 1.

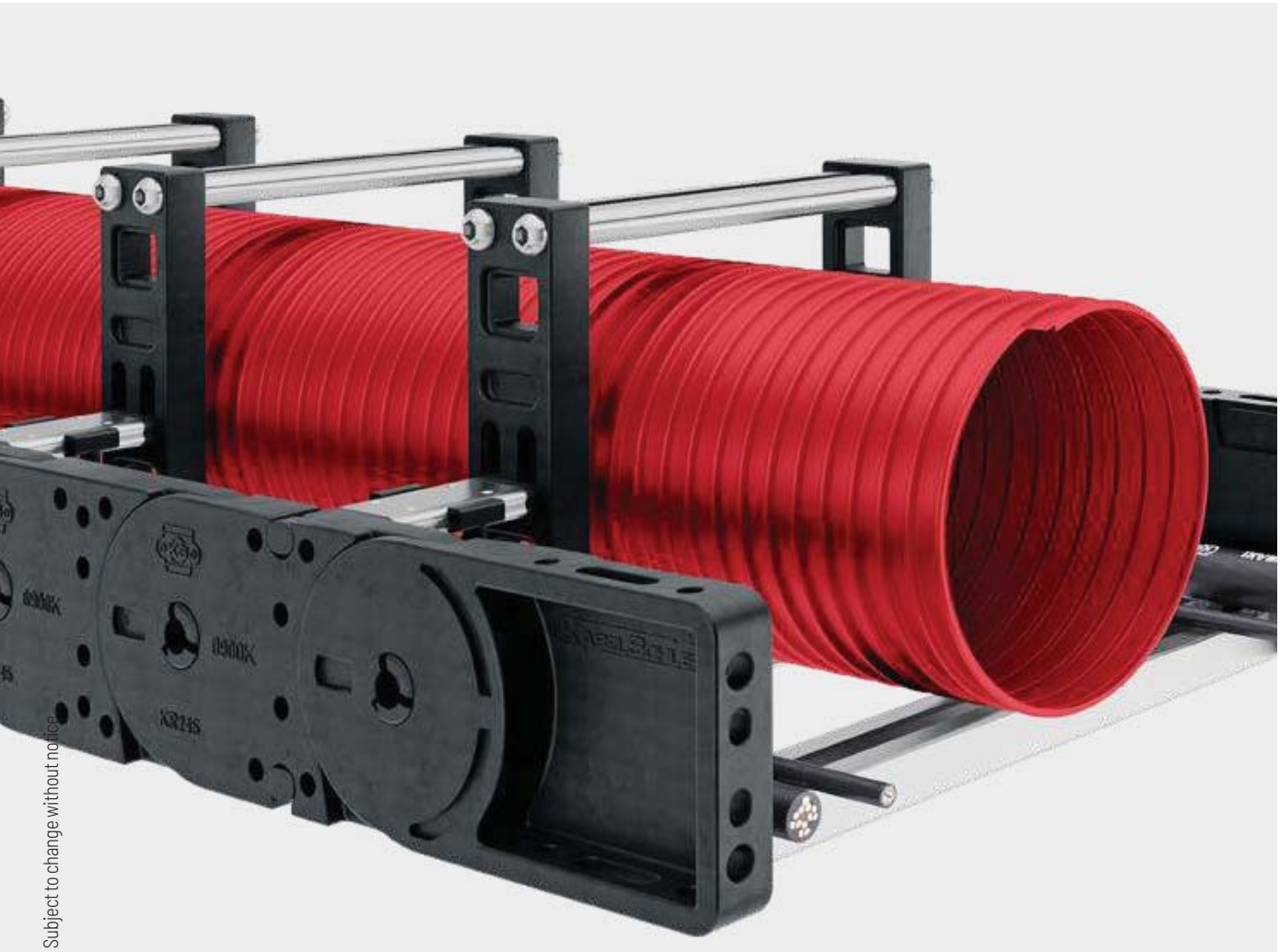
Observe minimum KR:
$H_i$ = 130 mm: $KR_{min}$ = 150 mm
$H_i$ = 160 mm: $KR_{min}$ = 190 mm
$H_i$ = 200 mm: $KR_{min}$ = 245 mm



**RMA 2 – 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@kabelschlepp.de to find the corresponding guide channel.

Please note the operating and installation height.



# KE0900 RE | Dimensions · Technical Data

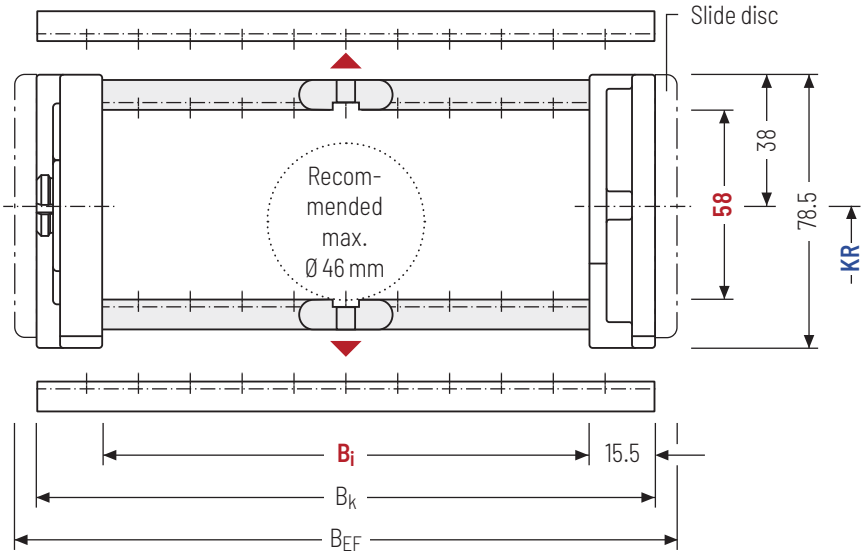
## Plastic stay RE –
frame screw-in stay

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

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

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

16 mm — $B_i$ 81 – 561 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 $L_k$**

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

Cable carrier length $L_k$ rounded to pitch t

| $h_i$ [mm] | $h_G$ [mm] | $B_i$ [mm] | | | | | | | | | | $B_k$ [mm] | $B_{EF}$ [mm] | KR [mm] | | $q_k$ [kg/m] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 78.5 | 81 | 97 | 113 | 129 | 145 | 161 | 177 | 193 | 209 | 225 | $B_i$ + 31 | $B_i$ + 45 | 130 | 150 | 2.95 – 5.95 |
| | | 241 | 257 | 273 | 289 | 305 | 321 | 337 | 353 | 369 | 385 | | | 190 | 245 | |
| | | 401 | 417 | 433 | 449 | 465 | 481 | 497 | 513 | 545 | 561 | | | 300 | 385 | |

### Order example

| KE0900 | . | 209 | . | RE | . | 150 | - | 1890 | | HS |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | | $B_i$ [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 2nd chain link for stay mounting (HS – half-stayed).

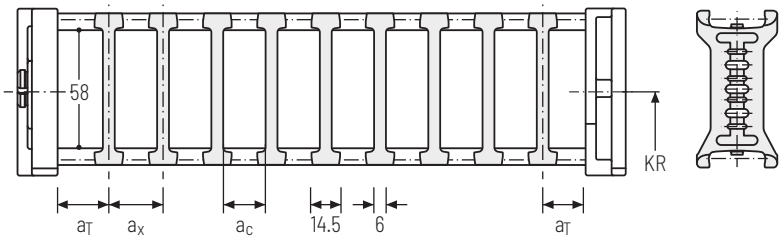
As a standard, dividers or the complete divider system (dividers with height separations) are movable in the cross section **(version A)**.

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] | $a_x$ Raster [mm] | $n_T$ min |
|---|---|---|---|---|---|
| A | 7.5 | 14.5 | 8.5 | – | – |
| B | 8.5 | 16 | 10 | 16 | – |

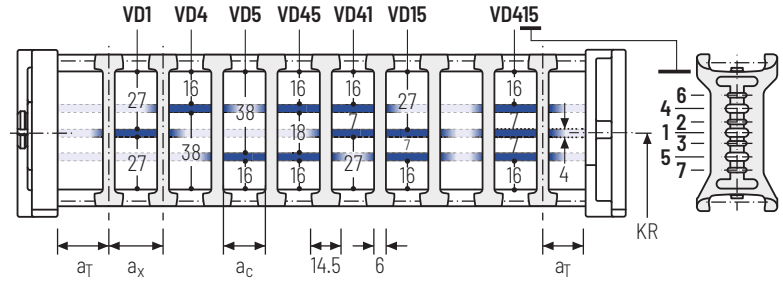
The dividers can be moved within the cross section (version A) or fixed (version B).




## Divider system TS1 with continuous height separation

| Vers. | $a_T$ min [mm] | $a_x$ min [mm] | $a_c$ min [mm] | $a_x$ Raster [mm] | $n_T$ min |
|---|---|---|---|---|---|
| A | 7.5 | 14.5 | 8.5 | – | 2 |
| B | 8.5 | 16 | 10 | 16 | 2 |

The dividers can be moved within the cross section (version A) or fixed (version B).

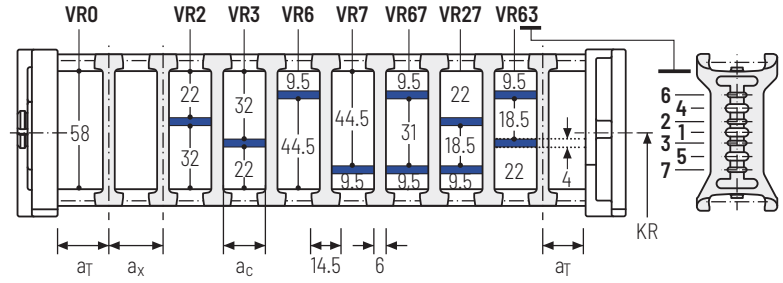



## Divider system TS2 with partial height separation

| Vers. | $a_T$ min [mm] | $a_x$ min [mm] | $a_c$ min [mm] | $a_x$ Raster [mm] | $n_T$ min |
|---|---|---|---|---|---|
| A | 7.5 | 14.5*/21 | 8.5*/15 | – | 2 |
| B | 8.5 | 16*/32 | 10*/26 | 16 | 2 |

* for VR0

With grid distribution **(16 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).




## Additional product information online

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

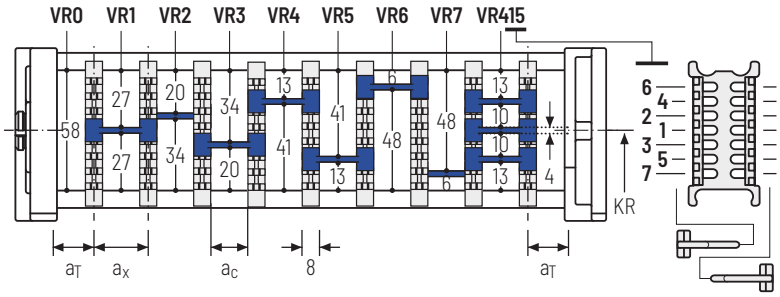
Configure your cable carrier here:
**online-engineer.de**

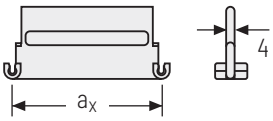
## Divider system TS3 with height separation consisting of plastic partitions

| Vers. | $a_{T\,min}$ [mm] | $a_{x\,min}$ [mm] | $a_{C\,min}$ [mm] | $n_{T\,min}$ |
|---|---|---|---|---|
| A | 4 | 16 / 42* | 8 | 2 |

* For aluminum partitions

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

## Order example

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

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

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.

### TOTALTRAX® complete systems

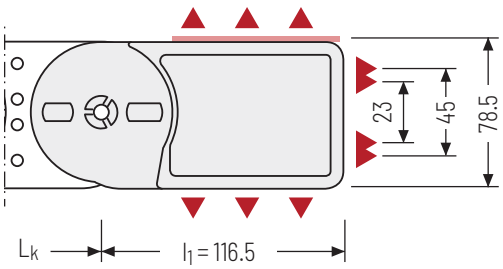
Benefit from the advantages of the TOTALTRAX® complete system. A complete delivery from one source – with a warranty certificate on request!
Learn more at **tsubaki-kabelschlepp.com/totaltrax**

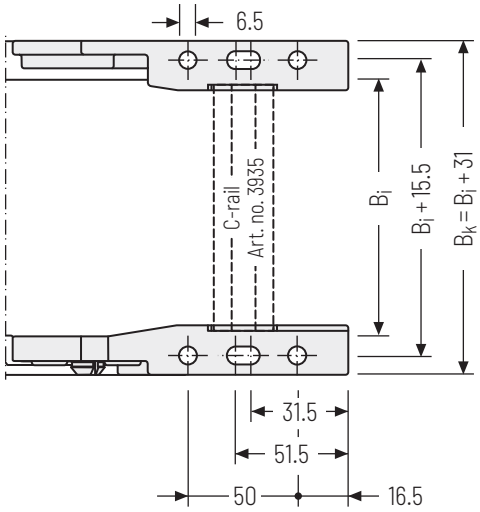
### TRAXLINE® cables for cable carriers

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

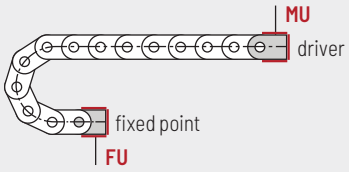
## Universal end connectors UMB – plastic (standard)

The universal mounting brackets (UMB) are made from plastic and can be mounted **from the top, from the bottom, face on or from the side**.




▲ Assembly options




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

**Connection type**
**U** – Universal mounting bracket

### Order example

| | | | |
|---|---|---|---|
| UMB | . | F | U |
| UMB | . | M | U |
| End connector | | Connection point | Connection type |

We recommend the use of strain reliefs at the driver and fixed point. See from p. 908.

### Additional product information online

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

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