



Inside heights
20,5 – 45 mm



Inside widths
15 – 175 mm



Pitch
30,5 – 55,5 mm



Additional load
up to 10 kg/m



**Travel length
unsupported**
up to 6 m



**Travel length
gliding**
up to 150 m



Travel speed
up to 9 m/s



Travel acceleration
up to 45 m/s²

All technical data and features are application and type-dependent.

Let us know your requirements – we are here to help!

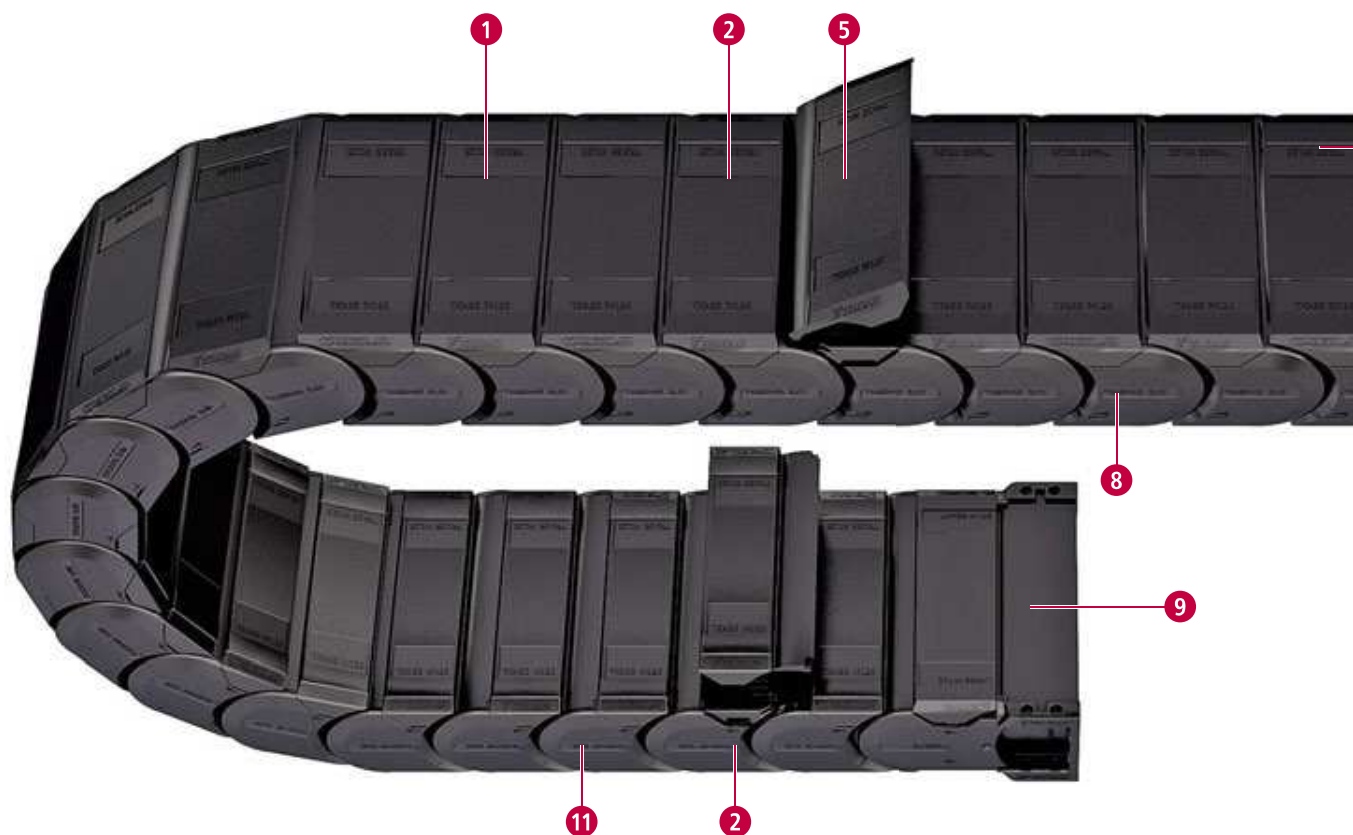
TUBE SERIES | TKA Series

Inside
heights20,5
|
45Inside
widths15
|
175

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Features

- Excellent cable protection also in the connection area
- Chips and dirt-resistant due to smooth surfaces
- Extensive unsupported length
- High torsional rigidity
- Good inside to outer width ratio
- Low internal noise emissions
- Optional: Special material with protection against chips up to 850° C
- Numerous custom material types for custom applications available
- Easy assembly
- Fast cable laying
- Easy-to-open cover with simultaneously high retention force on the chain link during operation
- Measurement scale for easy alignment of the dividers along the cover
- Strain relief can be completely integrated into connecting element
- TKA55: IP54 tested & attested



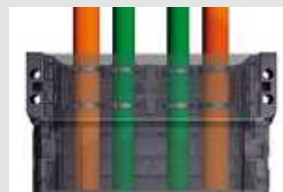
Optimized utilization of the interior space; vertical as well as horizontal subdivision possible



Easy-to-open cover from any vantage point, yet securely fastened



3-fold stroke system for extensive unsupported length



Universal mounting bracket with integrated strain relief elements

Inside heights

20.5
45

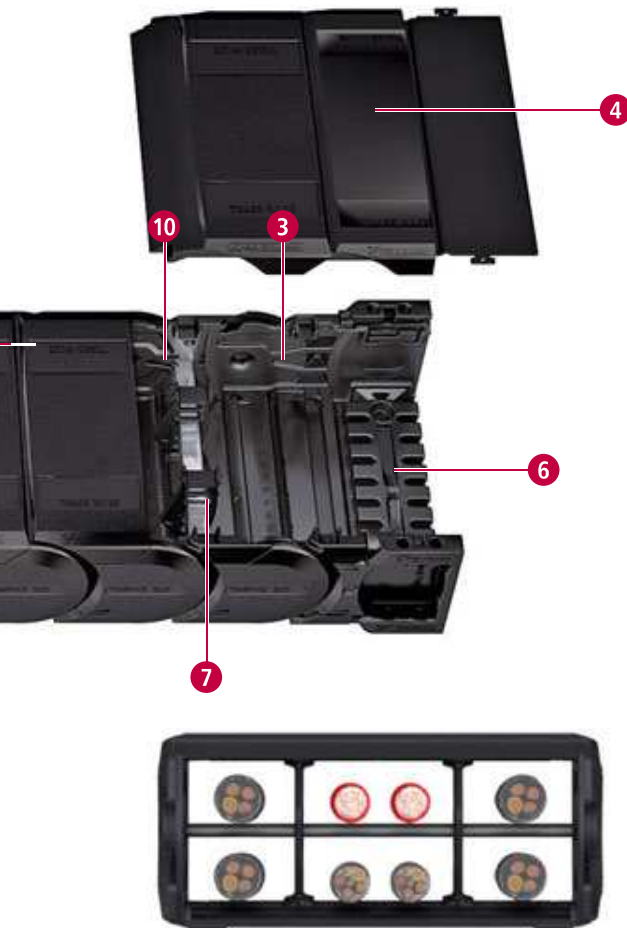
Inside widths

15
175

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Example of cross section

- 1 Secure cover attachment even under severe stresses (e.g. due to hydraulic cables)
- 2 Designs with inward or outward opening covers
- 3 Cable-friendly interior space without sharp edges
- 4 Cover completely detachable on one side
- 5 Quick and easy opening from any vantage point
- 6 Connecting pieces with optional strain relief
- 7 Dividers and height separation for cables
- 8 Chain links made of glass fibre-reinforced plastic
- 9 Cover sheet for universal mounting bracket
- 10 Integrated noise damping system
- 11 Pin and bore connection and stroke system covered completely

Selection criteria for TKA series

- Where a tight cable carrier is a necessity
- Where easy one-sided cover opening from any vantage point is desirable (e.g. for cable inspections)
- Where inside subdivision is desirable
- Where fixed dividers should be available (e.g. for carriers lying on their side)
- Where a gliding arrangement should be possible
- Where the additional load does not exceed 15 kg/m
- Where a cable carrier that is openable on both sides is not required
- Where an aluminum cover is not a requirement
- Where a steel cable carrier is not a requirement (e.g. at extremely high temperatures)

Type	h _i [mm]	B _i [mm]	t [mm]	Page
TKA30	20.5	15 – 65	30.5	238
TKA38	26	25 – 130	38.5	246
TKA45	36	50 – 150	45.5	256
TKA55	45	50 – 175	55.5	266

Inside
heights

20.5

Inside
widths15
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TKA30

Pitch
30.5 mmHeight
20,5 mmWidth
15 – 65 mm

Stay variants

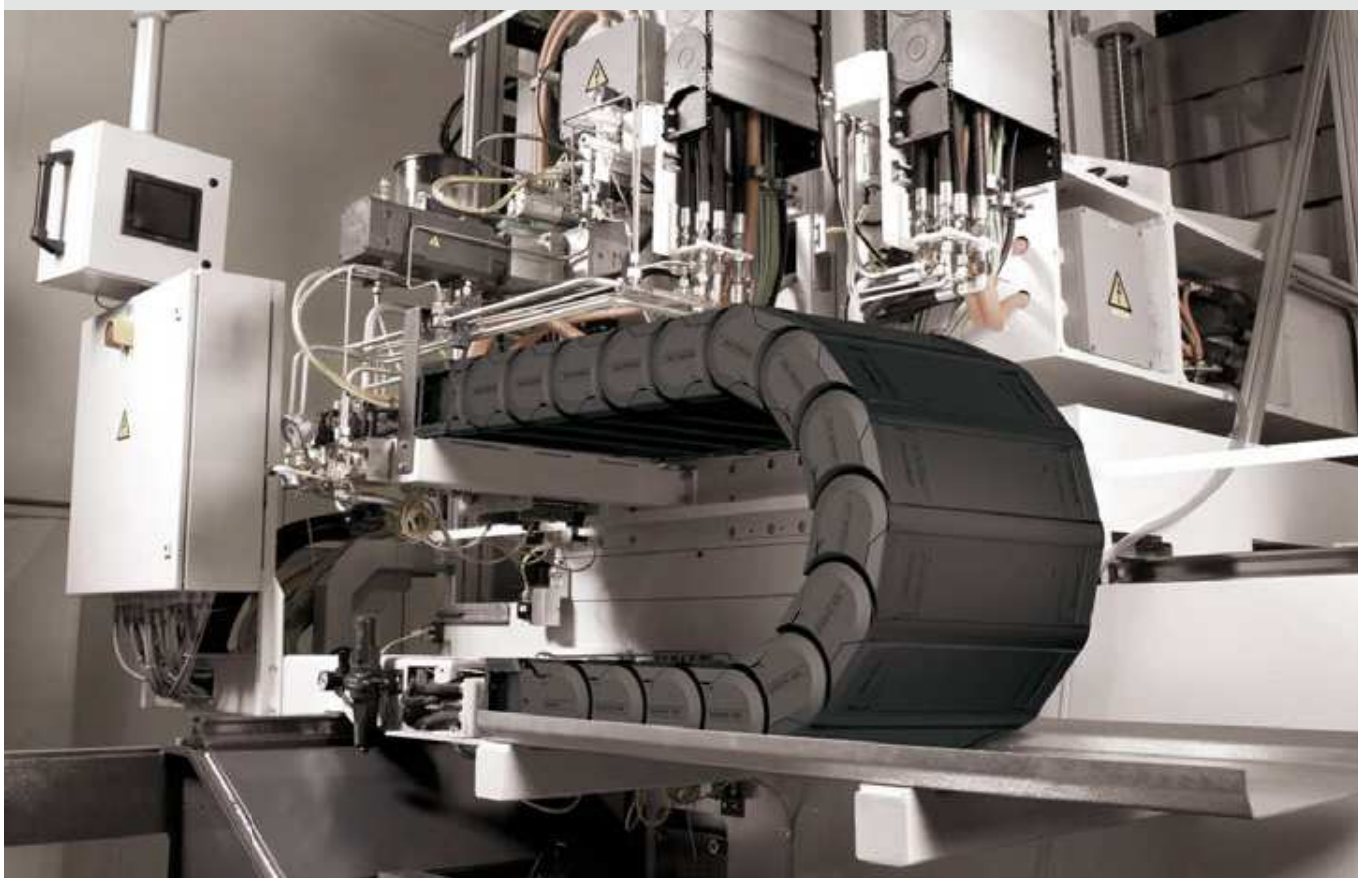
Stay variant 060

Inside: Quick-to-open cover



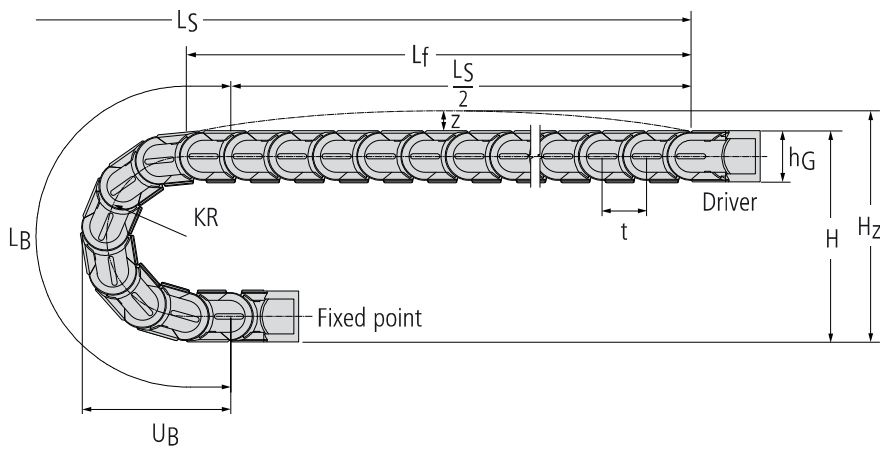
Stay variant 080

Outside: Quick-to-open cover

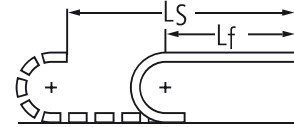
Spare parts list, installation instructions, etc.:
Receive additional info at kabelschlepp.de

TUBE SERIES | TKA30

Unsupported arrangement

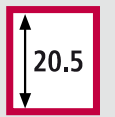


Unsupported length L_f

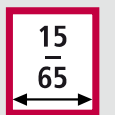


A sag of the cable carrier is technically permissible for extended movement ranges, depending on specific application.

Inside heights



Inside widths



$t = 30.5 \text{ mm}$
 $z = 17 \text{ mm/m}$

Installation measurements unsupported

KR [mm]	H [mm]	H _z [mm]	LB [mm]	UB [mm]
55	139	164	234	100
75	179	204	297	120
95	219	244	359	140
125	279	304	454	170
145	319	344	516	190
180	389	414	626	225



Note: For order example and notes for ordering, refer to page 275.

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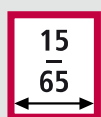
TUBE SERIES | TKA30

Stay variant 060 –
covered on both sides with detachable covers on the inside

Inside heights

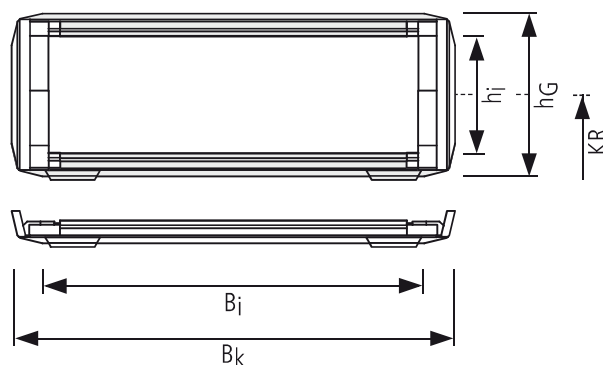


Inside widths



Pitch, inside height and chain link height

Type	t [mm]	h _i [mm]	h _G [mm]
TKA30.060	30,5	20,5	28,5



Inside/outside width and intrinsic chain weight

Type	B _i [mm]	B _k [mm]	q _k [kg/m]
TKA30.060	15	28	0.48
TKA30.060	20	33	0.51
TKA30.060	25	38	0.54
TKA30.060	38	51	0.61
TKA30.060	50	63	0.67
TKA30.060	65	78	0.76

TUBE SERIES | TKA30

Stay variant 080 –

covered on both sides with detachable covers on the outside



Inside heights



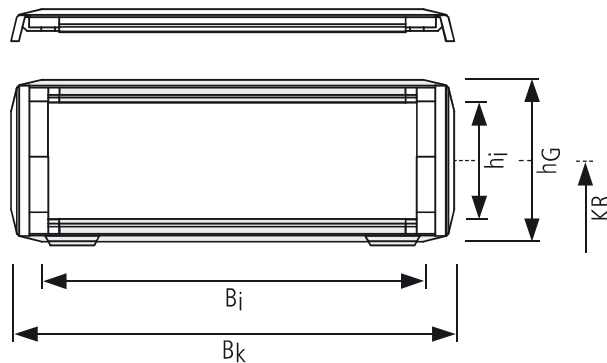
Inside widths



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Pitch, inside height and chain link height

Type	t [mm]	h _i [mm]	h _G [mm]
TKA30.080	30,5	20,5	28,5



Inside/outside width and intrinsic chain weight

Type	B _i [mm]	B _k [mm]	q _k [kg/m]
TKA30.080	15	28	0.48
TKA30.080	20	33	0.51
TKA30.080	25	38	0.54
TKA30.080	38	51	0.61
TKA30.080	50	63	0.67
TKA30.080	65	78	0.76

TUBE SERIES | TKA30

Divider systems

In the standard version, dividers or the complete divider system (dividers with height separation) can be moved in the cross section (**Version A**).

For applications with transverse accelerations and where the carrier is rotated through 90° the dividers can be fixed simply by turning them. This causes the arresting cams to engage in the locking profiles of the covers (**Version B**).

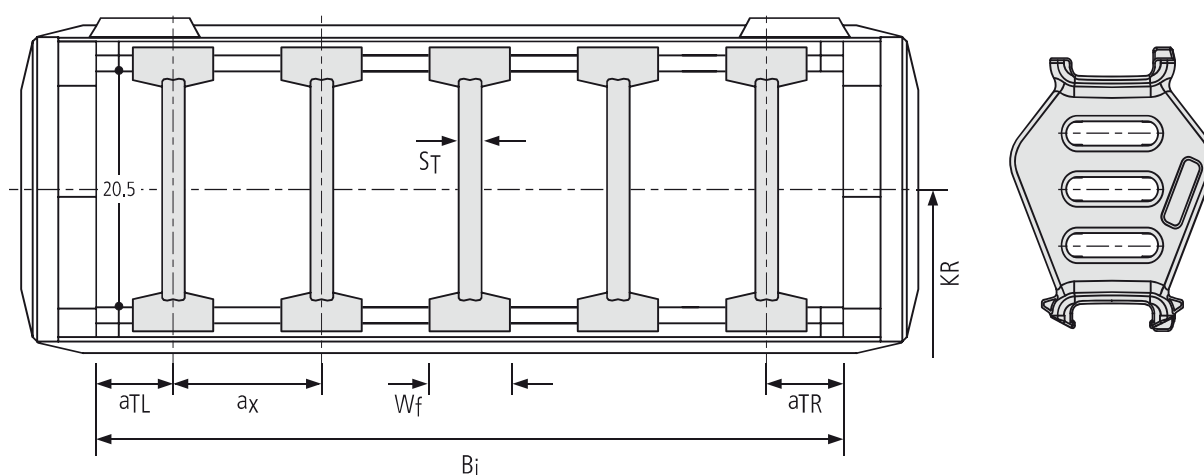
Inside
heights

20.5

Inside
widths15
65Moveable divider
Version A (standard)Fixable divider (2 mm grid)
Version B

Divider system TS0 without height separation

ST [mm]	Wf [mm]	Version A moveable		Version B fixable		
		aTL/aTR min [mm]	aX min [mm]	aTL/aTR min [mm]	aX min [mm]	aX grid [mm]
2	7	3.5	7	3.5	8	2

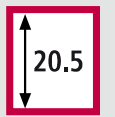


TUBE SERIES | TKA30

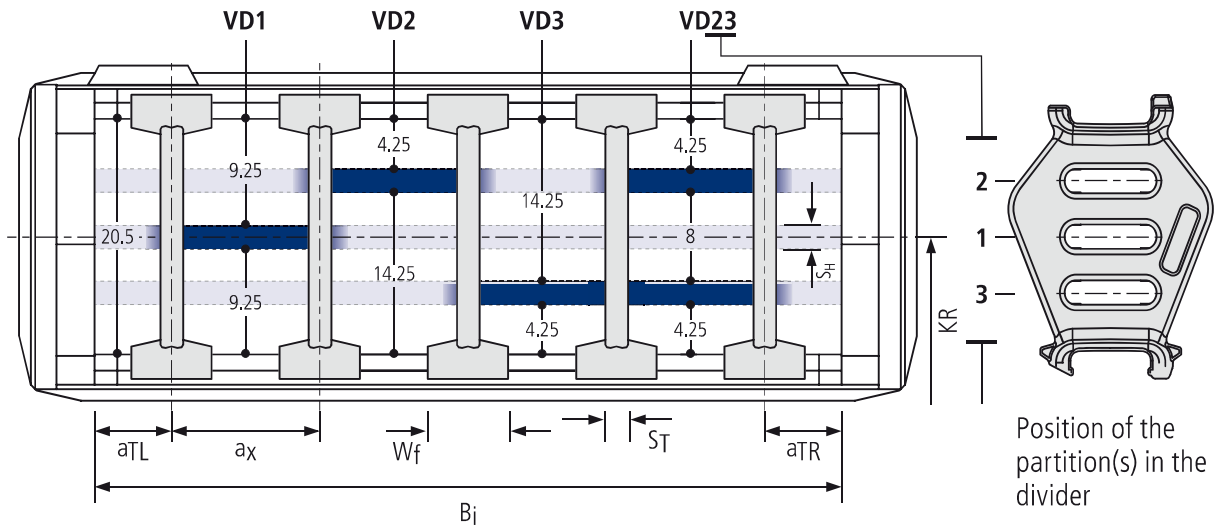
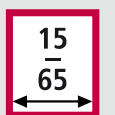
Divider system TS1 with continuous height separation made of aluminum

ST [mm]	Wf [mm]	SH [mm]	aTL/aTR max [mm]	Version A moveable		Version B fixable		
				aTL/aTR min [mm]	ax min [mm]	aTL/aTR min [mm]	ax min [mm]	ax grid [mm]
2	7	2	20	3.5	7	3.5	8	2

Inside heights



Inside widths



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Note: For order example and notes for ordering, refer to page 275.

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TUBE SERIES | TKA30

Universal mounting brackets (UMB)

The universal mounting brackets (UMB) are made from plastic and can **be mounted from above, from below or at the front**.

Inside heights

20.5

Inside widths

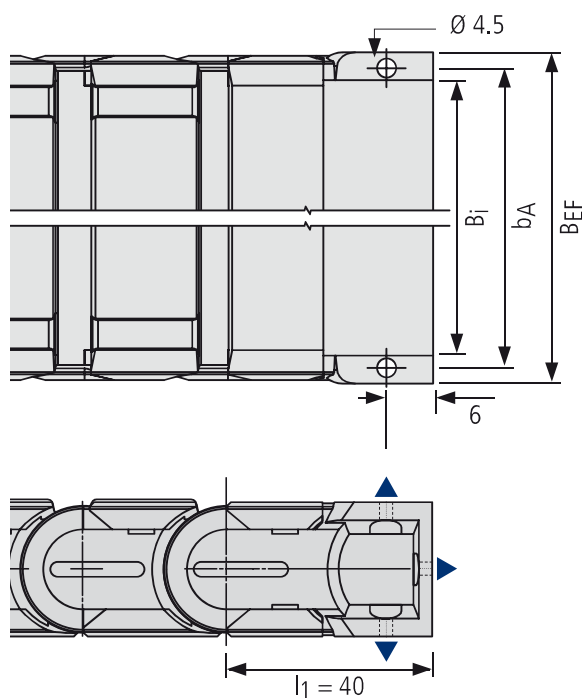
15
65

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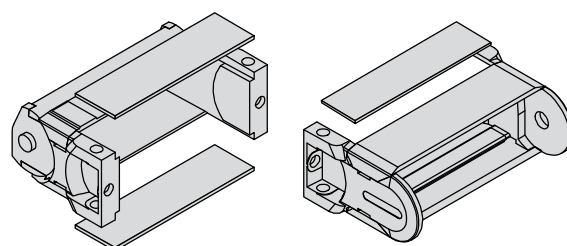
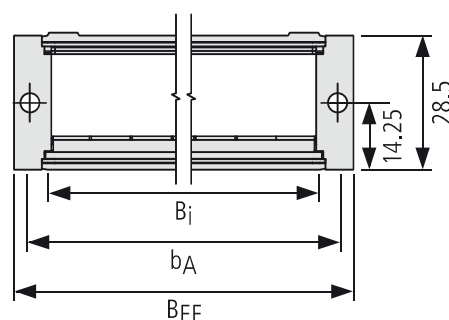
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▲ Assembly options

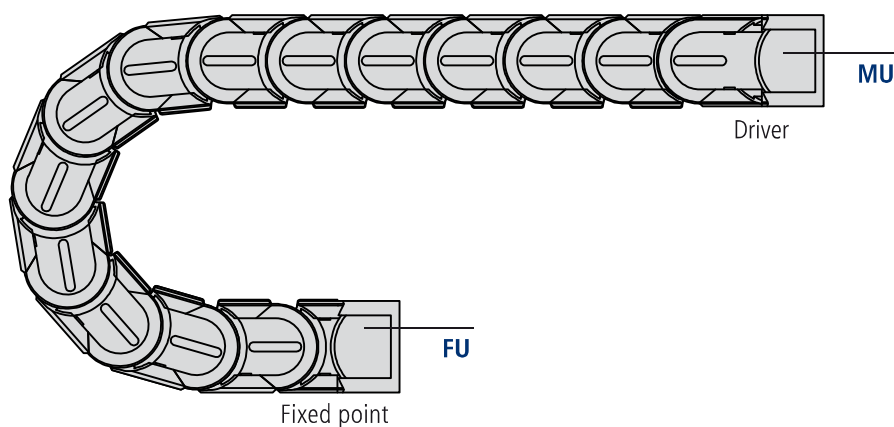


Note: The connecting elements are also available as an option **without** cover plate. Please state when ordering.

Connection dimensions

B_i [mm]	b_A [mm]	B_{EF} [mm]
15	24	31
20	29	36
25	34	41
38	47	54
50	59	66
65	74	81

i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).



Inside heights

20.5

Inside widths

15
65

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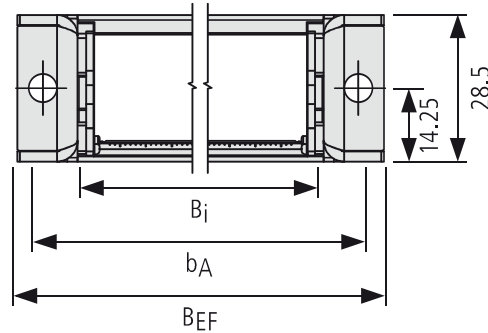
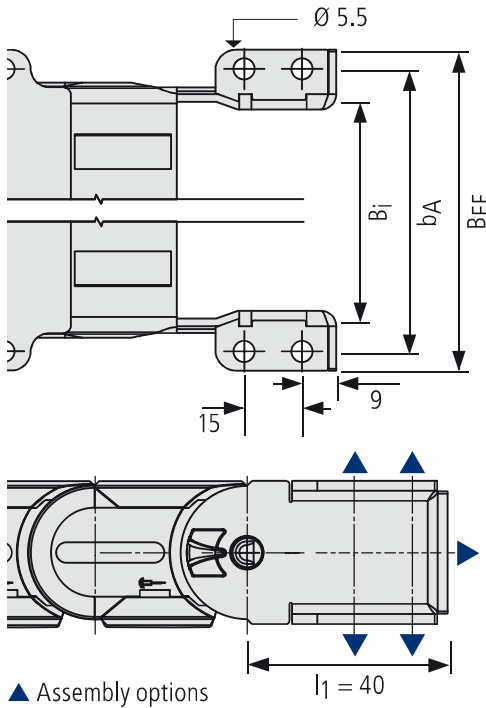
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245

TUBE SERIES | TKA30

Universal mounting brackets St (UMB)

The universal mounting brackets (UMB) are made from zinc plated steel and can be mounted from above, from below or at the front.

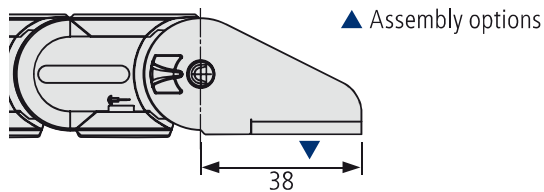
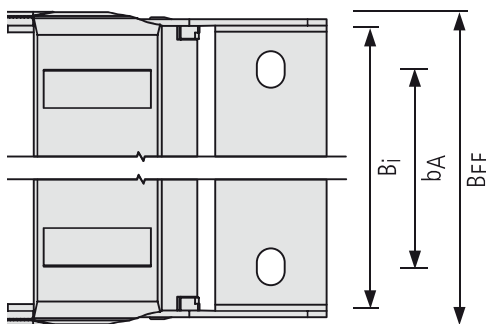


i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).

i **Note:** The connecting elements are also available as an option **with** cover plate. Please state when ordering.

Connecting elements St

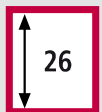
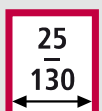
The connecting elements are made from zinc plated steel. Depending on the application the connection type (above or below) can be altered simply by turning them.



Connection dimensions

St (UMB)			St		St (UMB)			St	
B_i [mm]	b_A [mm]	BEF [mm]	b_A [mm]	BEF [mm]	B_i [mm]	b_A [mm]	BEF [mm]	b_A [mm]	BEF [mm]
15	35	45	1	28	38	58	68	24	51
20	40	50	6	33	50	70	80	36	63
25	45	55	11	38	65	85	95	51	78

i **Note:** Connecting elements St (UMB) and St provide the same connecting dimensions as the previous model UNIFLEX 060. Order: Please contact us. We will willingly advise you.

Inside
heightsInside
widths
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TKA38

Pitch
38.5 mmHeight
26 mmWidth
25 – 130 mm

Stay variants

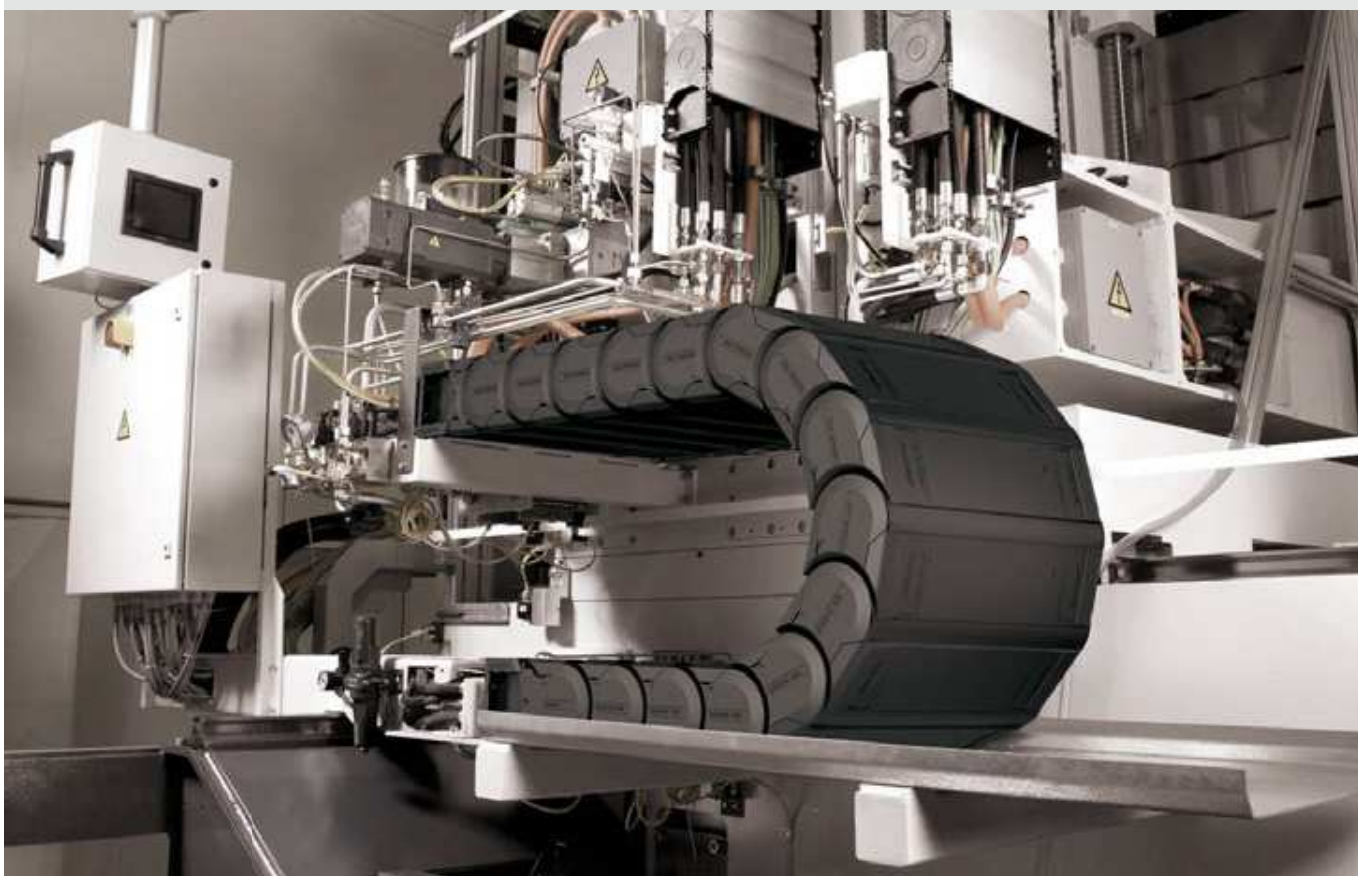
Stay variant 060

Inside: Quick-to-open cover



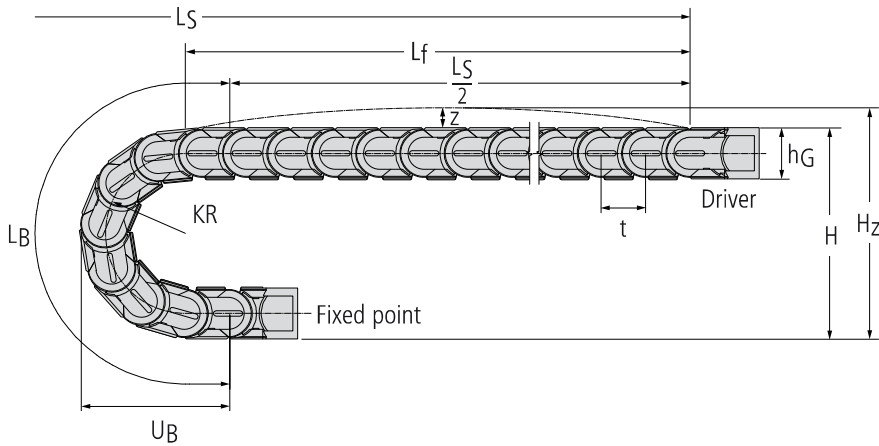
Stay variant 080

Outside: Quick-to-open cover

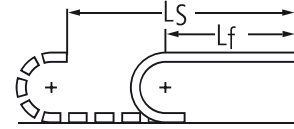
Spare parts list, installation instructions, etc.:
Receive additional info at kabelschlepp.de

TUBE SERIES | TKA38

Unsupported arrangement

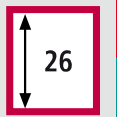


Unsupported length L_f



A sag of the cable carrier is technically permissible for extended movement ranges, depending on specific application.

Inside heights



Inside widths



$t = 38.5 \text{ mm}$
 $z = 17 \text{ mm/m}$

Installation measurements unsupported

KR [mm]	H [mm]	H _z [mm]	LB [mm]	UB [mm]
70	176	201	297	127
95	226	251	375	152
120	276	301	454	177
145	326	351	532	202
170	376	401	611	227
195	426	451	689	252
230	496	521	799	287

Note: For order example and notes for ordering, refer to page 275.

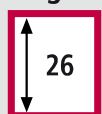
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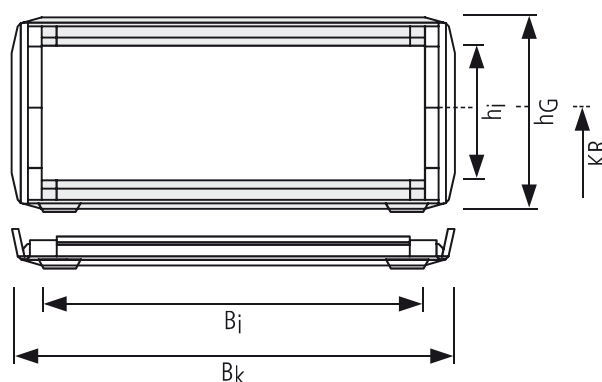
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TUBE SERIES | **TKA38**

Stay variant 060 –
covered on both sides with detachable covers on the inside

Inside
heightsInside
widths
kabelschlepp.de
Pitch, inside height and chain link height

Type	t [mm]	h _i [mm]	h _G [mm]
TKA38.060	38,5	26	36

**Inside/outside width and intrinsic chain weight**

Type	B _i [mm]	B _k [mm]	q _k [kg/m]
TKA38.060	25	41	0.77
TKA38.060	38	54	0.86
TKA38.060	58	74	1.00
TKA38.060	78	94	1.13
TKA38.060	103	119	1.29
TKA38.060	130	143	1.47

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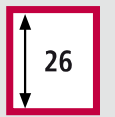
TUBE SERIES | TKA38

Stay variant 080 –

covered on both sides with detachable covers on the outside



Inside heights



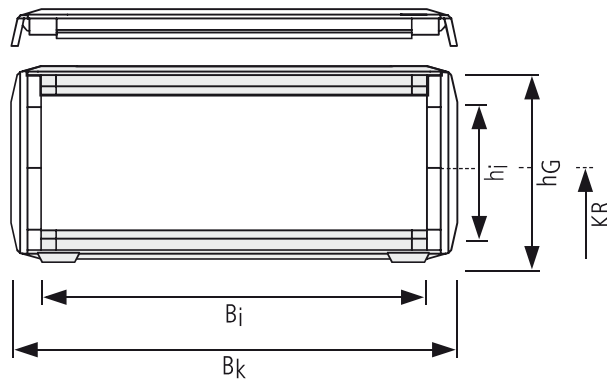
Inside widths



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Pitch, inside height and chain link height

Type	t [mm]	h _i [mm]	h _G [mm]
TKA38.080	38,5	26	36



Inside/outside width and intrinsic chain weight

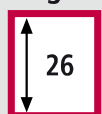
Type	Bi [mm]	Bk [mm]	qk [kg/m]
TKA38.080	25	41	0.77
TKA38.080	38	54	0.86
TKA38.080	58	74	1.00
TKA38.080	78	94	1.13
TKA38.080	103	119	1.29
TKA38.080	130	143	1.47

TUBE SERIES | TKA38

Divider systems

In the standard version, dividers or the complete divider system (dividers with height separation) can be moved in the cross section (**Version A**).

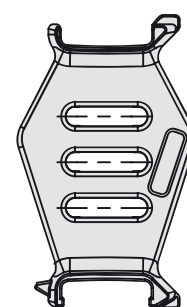
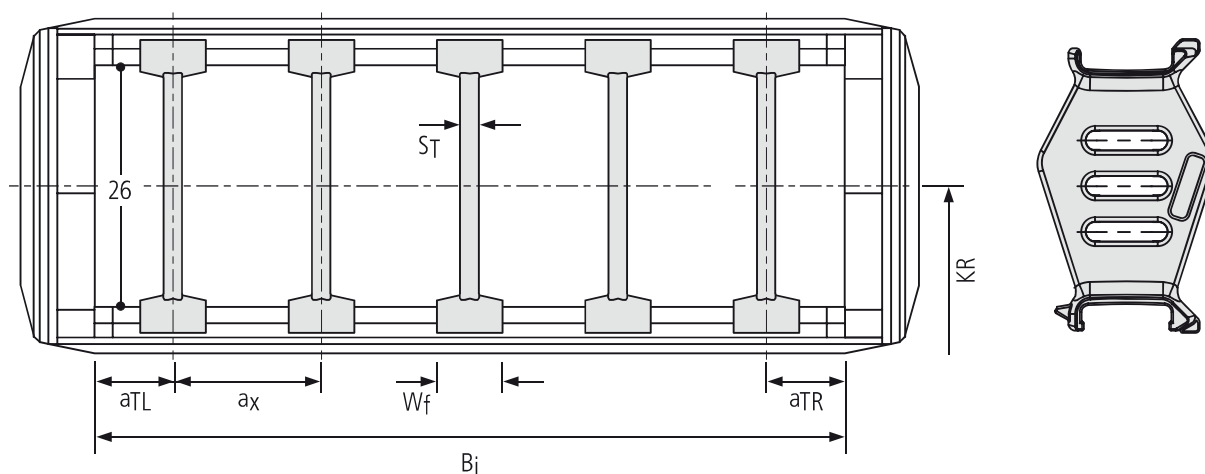
For applications with transverse accelerations and where the carrier is rotated through 90° the dividers can be fixed simply by turning them. This causes the arresting cams to engage in the locking profiles of the covers (**Version B**).

Inside
heightsInside
widths
Moveable divider
Version A (standard)

Fixable divider (2 mm grid)
Version B


Divider system T50 without height separation

ST [mm]	Wf [mm]	Version A moveable		Version B fixable		
		aTL/aTR min [mm]	ax min [mm]	aTL/aTR min [mm]	ax min [mm]	ax grid [mm]
2.0	7	3.5	7	3.5	8	2

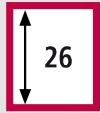


TUBE SERIES | TKA38

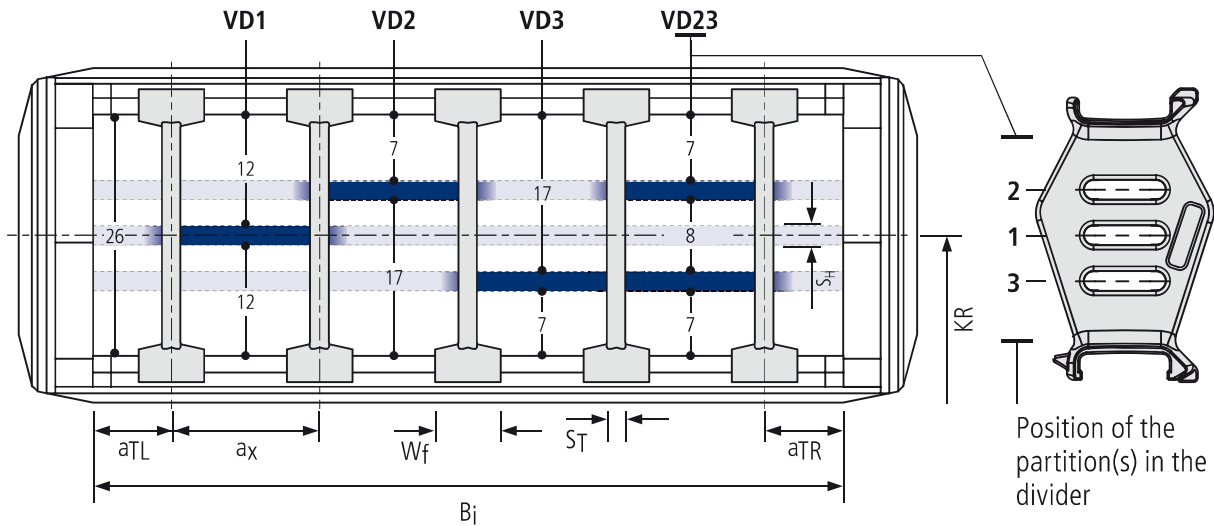
Divider system TS1 with continuous height separation made of aluminum

ST [mm]	Wf [mm]	SH [mm]	aTL/aTR max [mm]	Version A moveable		Version B fixable		
				aTL/aTR min [mm]	aX min [mm]	aTL/aTR min [mm]	aX min [mm]	aX grid [mm]
2,0	7	2	20	3,5	7	3,5	8	2

Inside heights



Inside widths



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Note: For order example and notes for ordering, refer to page 275.

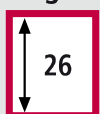
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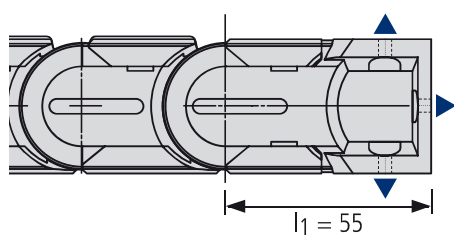
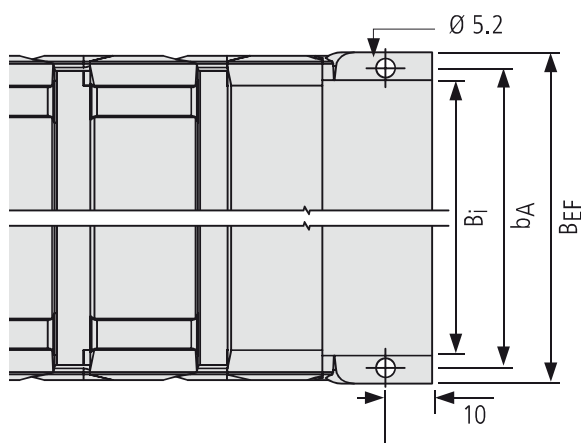
TUBE SERIES | TKA38

Universal mounting brackets (UMB)

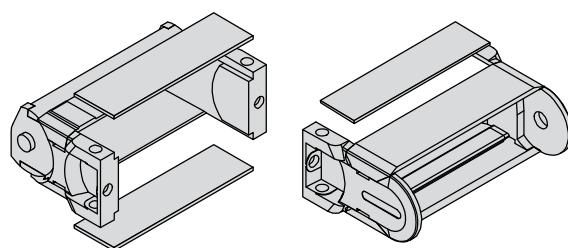
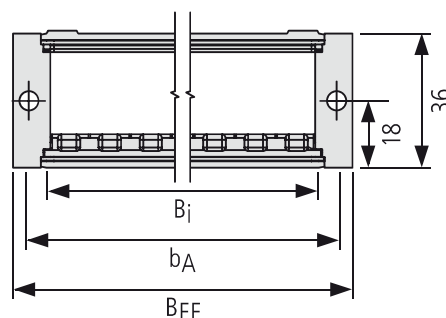
The universal mounting brackets (UMB) are made from plastic and can **be mounted from above, from below or at the front**.

Inside
heightsInside
widths

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▲ Assembly options

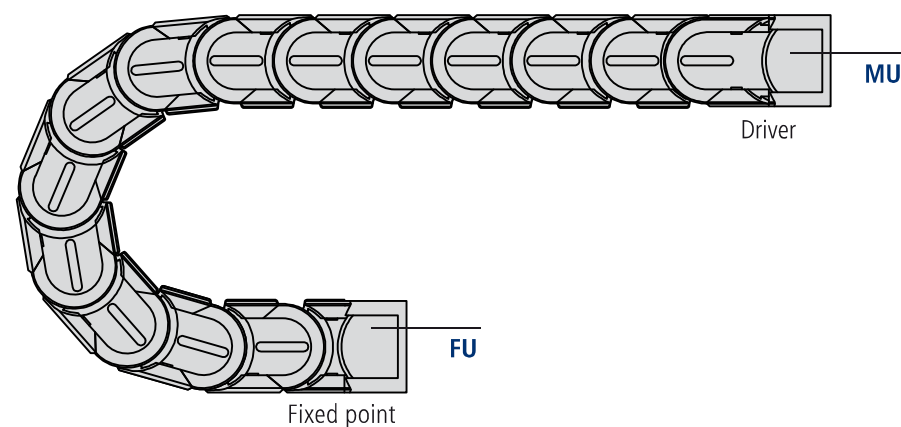


Note: The connecting elements are also available as an option **without** cover plate. Please state when ordering.

Connection dimensions

B_i [mm]	b_A [mm]	B_{EF} [mm]
25	34.5	43
38	47.5	56
58	67.5	76
78	87.5	96
103	112.5	121
130	139.5	148

i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).

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TUBE SERIES | TKA38

Plastic strain relief combs on one side

The **optional strain relief combs** allow quick and safe securing of the cables. The strain relief combs are mounted between the UMB brackets, and don't require separate screw connections or mounting on a C-rail. **When ordering, please state if strain relief combs are required.**

B _i [mm]	n _z
25	2
38	3
58	5
78	7
103	9
130	13

n_z = Number of teeth on one side of the comb

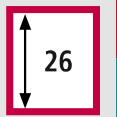


UMB connection piece with optional strain relief comb



Fixing in the UMB

Inside heights



Inside widths

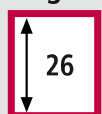


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TUBE SERIES | TKA38

Inside
heightsInside
widths

kabelschlepp.de

Fon:

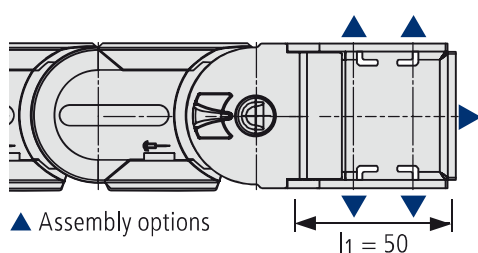
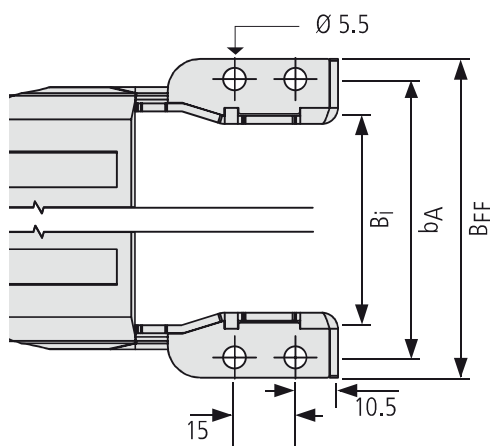
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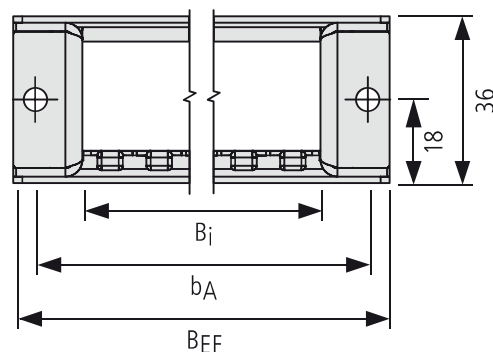
254

Universal mounting brackets St (UMB)

The universal mounting brackets (UMB) are made from zinc plated steel and can **be mounted from above, from below or at the front.**



▲ Assembly options

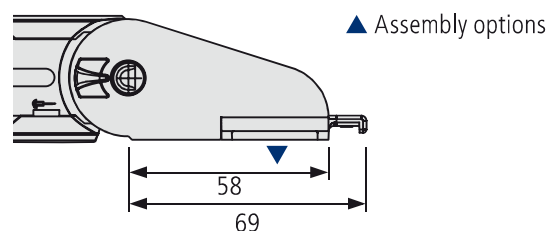
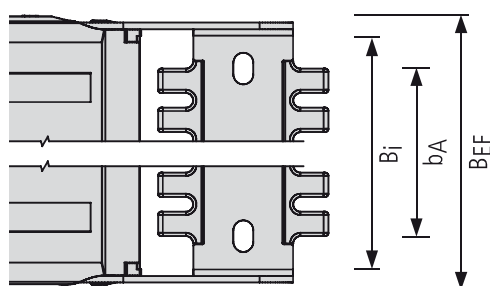
 $l_1 = 50$ 

i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).

i **Note:** The connecting elements are also available as an option **with** cover plate. Please state when ordering.

Connecting elements St

The connecting elements are made from zinc plated steel. Depending on the application the connection type (**above or below**) can be altered simply by turning them.



▲ Assembly options

i The connecting element St are delivered as standard with strain relief comb made from plastic.


Connection dimensions

Bi [mm]	St (UMB)		St	
	bA [mm]	BEF [mm]	bA [mm]	BEF [mm]
25	45	55	11.5	42
38	58	68	23.5	54
58	78	88	43.5	74

Bi [mm]	St (UMB)		St	
	bA [mm]	BEF [mm]	bA [mm]	BEF [mm]
78	98	108	63.5	94
103	123	133	88.5	119
130	150	160	115.5	146

i **Note:** Connecting elements St (UMB) and St provide the same connecting dimensions as the previous model UNIFLEX 060. Order: Please contact us. We will willingly advise you.

Inside heights



A square with side length 26.

Inside widths

$$\begin{array}{r} 25 \\ \hline 130 \end{array}$$

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Fon:

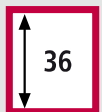
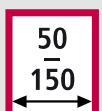
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Notes

Subject to change.

Inside
heightsInside
widths
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TKA45

Pitch
45.5 mmHeight
36 mmWidth
50 – 150 mm

Stay variants

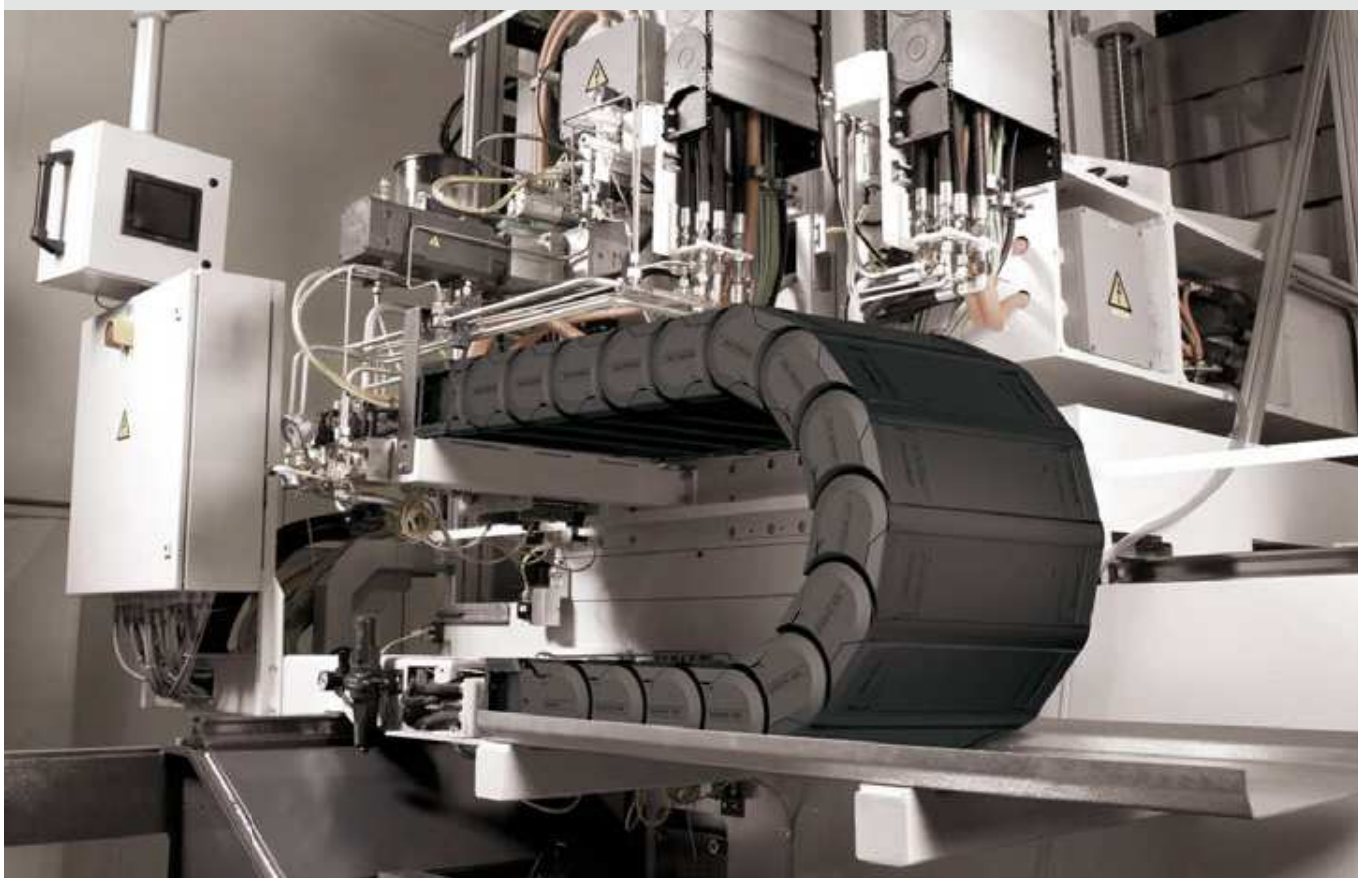
Stay variant 060

Inside: Quick-to-open cover



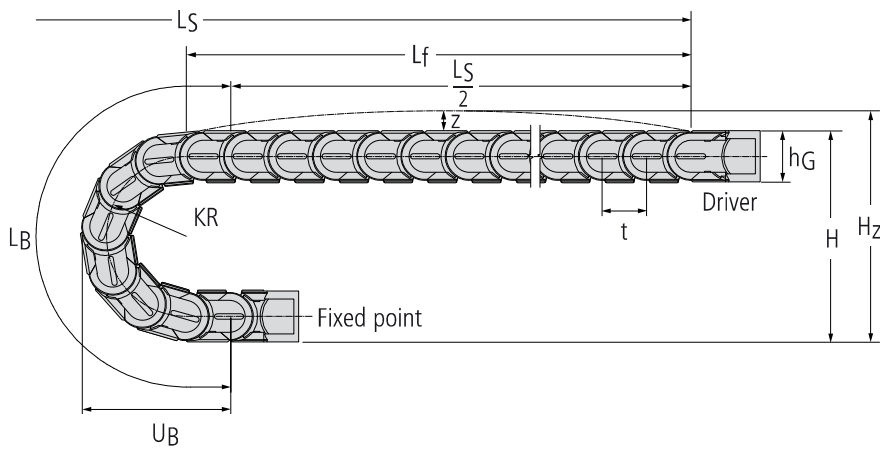
Stay variant 080

Outside: Quick-to-open cover

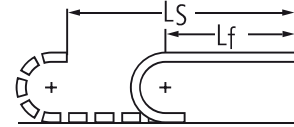

 Spare parts list, installation instructions, etc.:
 Receive additional info at kabelschlepp.de

TUBE SERIES | TKA45

Unsupported arrangement

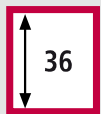


Unsupported length L_f

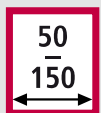


A sag of the cable carrier is technically permissible for extended movement ranges, depending on specific application.

Inside heights



Inside widths



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LS max. [m]	Dynamics				t [mm]	z [mm/m]
	vmax [m/s]		amax [m/s]			
	unsupported	gliding	unsupported	gliding		
125	9	3	45	20	45.5	17

Installation measurements unsupported

KR [mm]	H [mm]	Hz [mm]	LB [mm]	UB [mm]
82	214	249	348	153
95	240	275	389	166
125	300	335	483	196
145	340	375	546	216
170	390	425	625	241
200	450	485	719	271
230	520	555	814	301

Load diagram

for unsupported length L_f depending on the additional load



Calculation of the chain length

Chain length L_k

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

Chain length L_k rounded off to pitch t

Unsupported length L_f

$$L_f = \frac{L_s}{2} + t$$



Note: For order example and notes for ordering, refer to page 275.

TUBE SERIES | TKA45

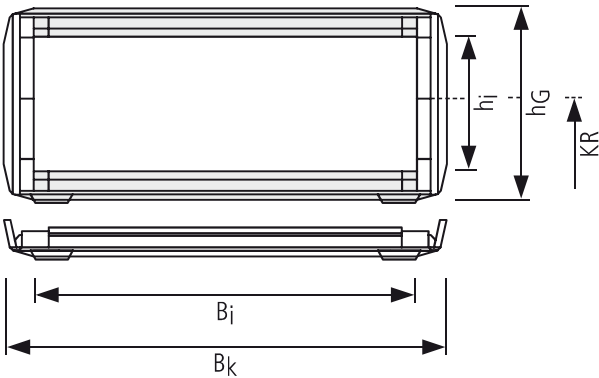
Stay variant 060 –

covered on both sides with detachable covers on the inside



Pitch, inside height and chain link height

Type	t [mm]	h _i [mm]	h _G [mm]
TKA45.060	45.5	36	50



Inside/outside width and intrinsic chain weight

Type	B _i [mm]	B _k [mm]	q _k [kg/m]
TKA45.060	50	66	1.34
TKA45.060	75	91	1.56
TKA45.060	100	116	1.75
TKA45.060	125	141	2.05
TKA45.060	150	166	2.29

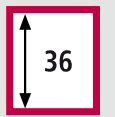
TUBE SERIES | TKA45

Stay variant 080 –

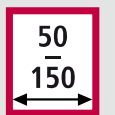
covered on both sides with detachable covers on the outside



Inside heights



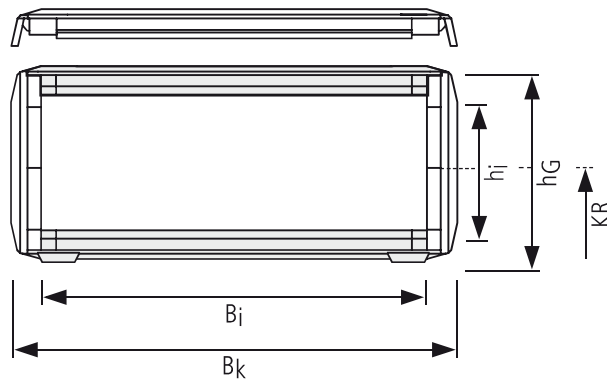
Inside widths



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Pitch, inside height and chain link height

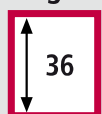
Type	t [mm]	h _i [mm]	h _G [mm]
TKA45.080	45.5	36	50



Inside/outside width and intrinsic chain weight

Type	B _i [mm]	B _k [mm]	q _k [kg/m]
TKA45.080	50	66	1.34
TKA45.080	75	91	1.56
TKA45.080	100	116	1.75
TKA45.080	125	141	2.05
TKA45.080	150	166	2.29

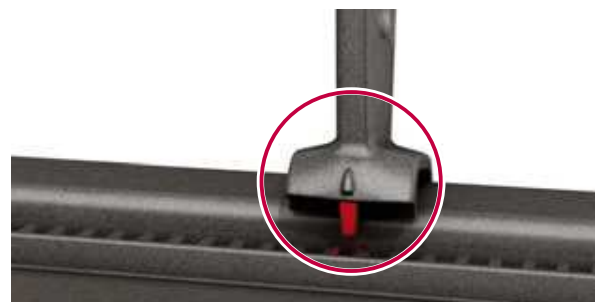
TUBE SERIES | TKA45

Inside
heightsInside
widths

Divider systems

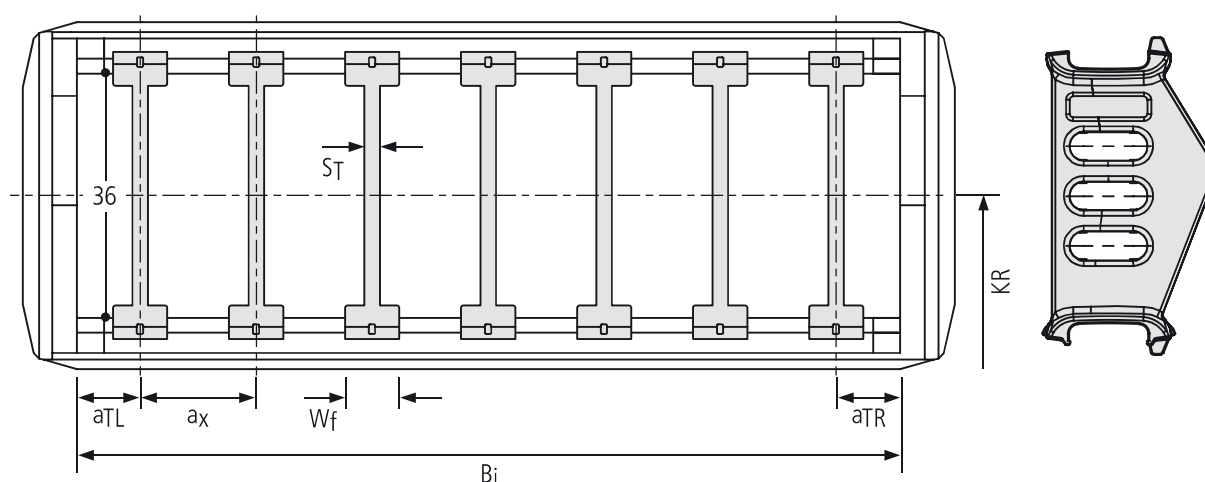
In the standard version, dividers or the complete divider system (dividers with height separation) can be moved in the cross section (**Version A**).

For applications with transverse accelerations and where the carrier is rotated through 90° the dividers can be fixed simply by turning them. This causes the arresting cams to engage in the locking profiles of the covers (**Version B**).

Moveable divider
Version A (standard)Fixable divider (2 mm grid)
Version B

Divider system TS0 without height separation

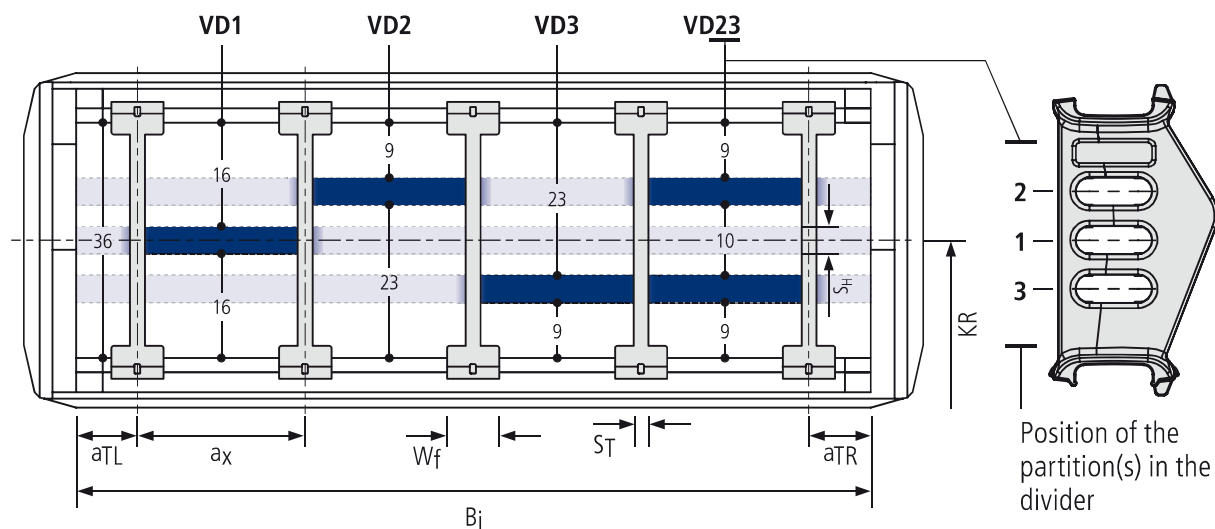
ST [mm]	Wf [mm]	Version A moveable		Version B fixable		
		aTL/aTR min [mm]	ax min [mm]	aTL/aTR min [mm]	ax min [mm]	ax grid [mm]
2.5	8	4	8	12	8	2



TUBE SERIES | **TKA45**

Divider system TS1 with continuous height separation made of aluminum.

				Version A moveable		Version B fixable		
ST [mm]	Wf [mm]	SH [mm]	aTL/aTR max [mm]	aTL/aTR min [mm]	a _x min [mm]	aTL/aTR min [mm]	a _x min [mm]	a _x grid [mm]
2.5	8	4	40	4	8	12	8	2



 **Note:** For order example and notes for ordering, refer to page 275.

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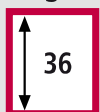
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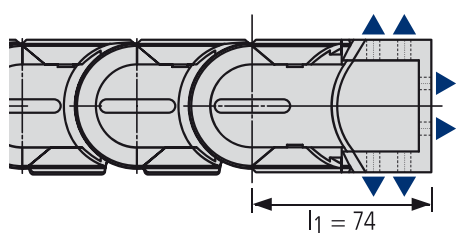
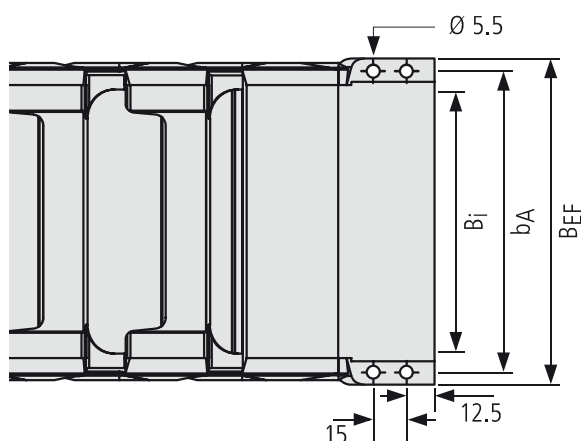
TUBE SERIES | TKA45

Universal mounting brackets (UMB)

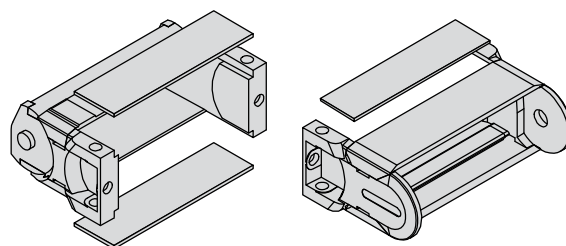
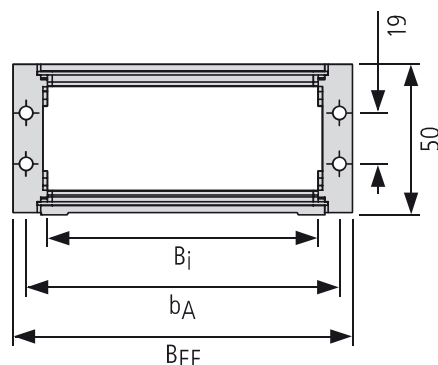
The universal mounting brackets (UMB) are made from plastic and can **be mounted from above, from below or at the front**.

Inside
heightsInside
widths

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▲ Assembly options

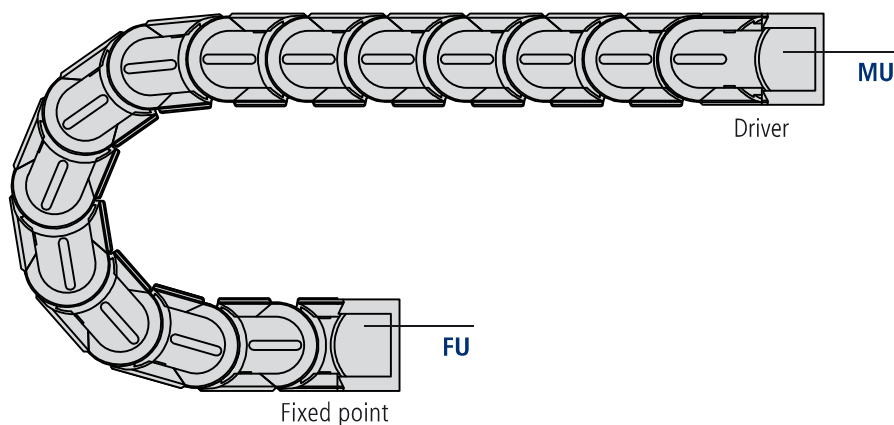


Note: The connecting elements are also available as an option **without** cover plate. Please state when ordering.

Connection dimensions

B_i [mm]	b_A [mm]	B_{EF} [mm]
50	60	70
75	85	95
100	110	120
125	135	145
150	160	170

i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).

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TUBE SERIES | TKA45

Both-sided strain relief combs made of plastic

The cables can be fixed securely and simply using the **optional strain relief combs**. The strain relief combs are installed between the UMBs, and do not need to be bolted on separately or mounted on a C-rail. **When ordering, please state if strain relief combs are required.**

B _i [mm]	n _z
50	3
75	5
100	7
125	9
150	11

n_z = Number of teeth on one side of the comb

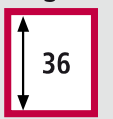


UMB connection piece with optional strain relief comb

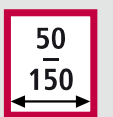


Fixing in the UMB

Inside heights



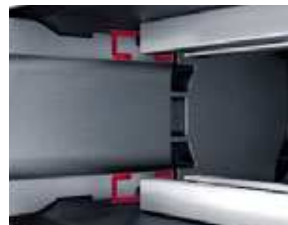
Inside widths



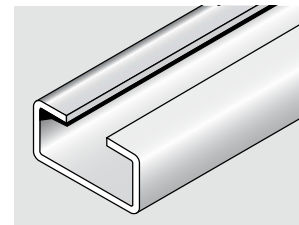
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C-rails for LineFix bracket clamps, SZL strain reliefs and clamps

The optional C-rails are fixed by means of the universal mounting brackets and do not have to be screwed separately. **When ordering, please state if C-rails are required.**



UMB with C-rails. The UMB connections have receptacles at the top and bottom for attachment of the C-rail.



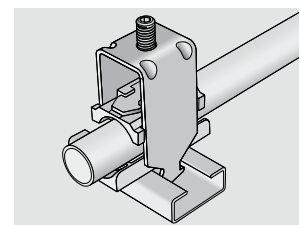
Integrated C-rail. 25 x 10 mm, slot width 11 mm, material steel, Item No. 3931

Our LineFix strain reliefs are very well suited for the C-rails (LineFix bow clamps and other strain reliefs – refer to Chapter Accessories, from Page 381).

Note: LineFix strain reliefs can only be used in the connecting elements without cover plate.



C-rail with LineFix strain relief



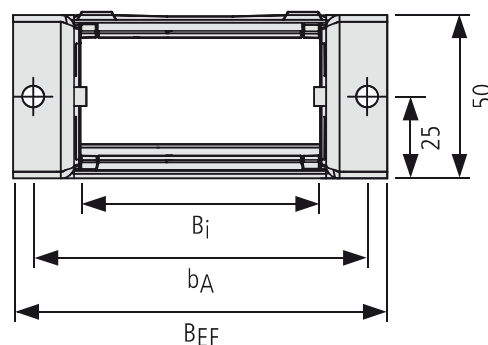
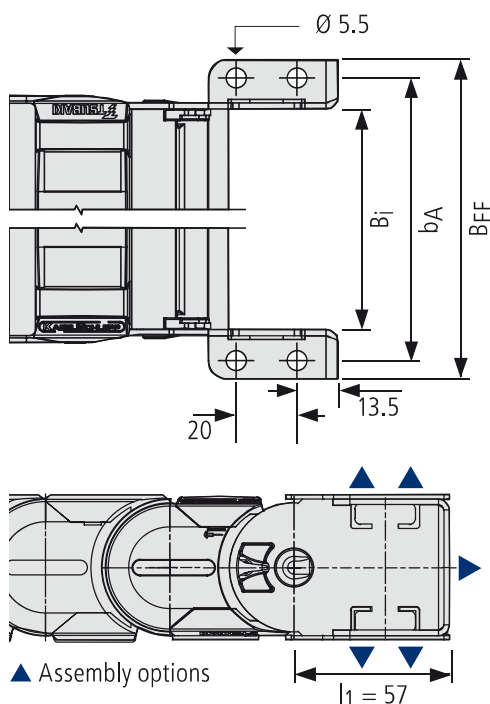
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TUBE SERIES | TKA45

Universal mounting brackets St (UMB)

The universal mounting brackets (UMB) are made from zinc plated steel and can **be mounted from above, from below or at the front.**

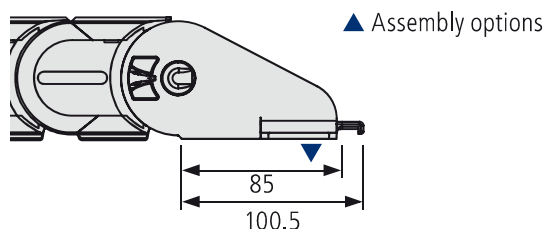
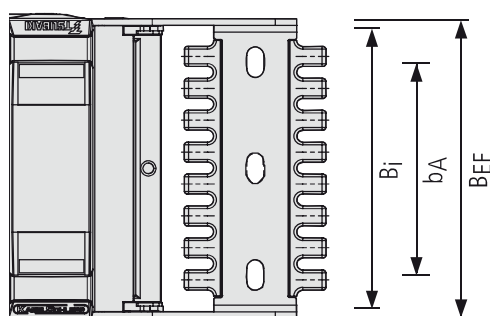


i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).

i **Note:** The connecting elements are also available as an option **with** cover plate. Please state when ordering.

Connecting elements St

The connecting elements are made from zinc plated steel. Depending on the application the connection type (**above or below**) can be altered simply by turning them.




i The connecting element St are delivered as standard with strain relief comb made from plastic.

Connection dimensions

Universal mounting brackets St (UMB)			Connecting elements St	
Bj [mm]	bA [mm]	BEF [mm]	bA [mm]	BEF [mm]
50	78	90	30	66
75	103	115	55	91
100	128	140	80	116
125	153	165	105	141
150	178	190	130	166

i **Note:** Connecting elements St (UMB) and St provide the same connecting dimensions as the previous model UNIFLEX 060. Order: Please contact us. We will willingly advise you.

Inside heights



A square with side length 36.

Inside widths

50
—
150



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Fon:

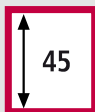
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Notes

Subject to change.

Inside
heightsInside
widths
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TKA55

Pitch
55.5 mmHeight
45 mmWidth
50 – 175 mm

Stay variants

Stay variant 060

Inside: Quick-to-open cover



Stay variant 080

Outside: Quick-to-open cover

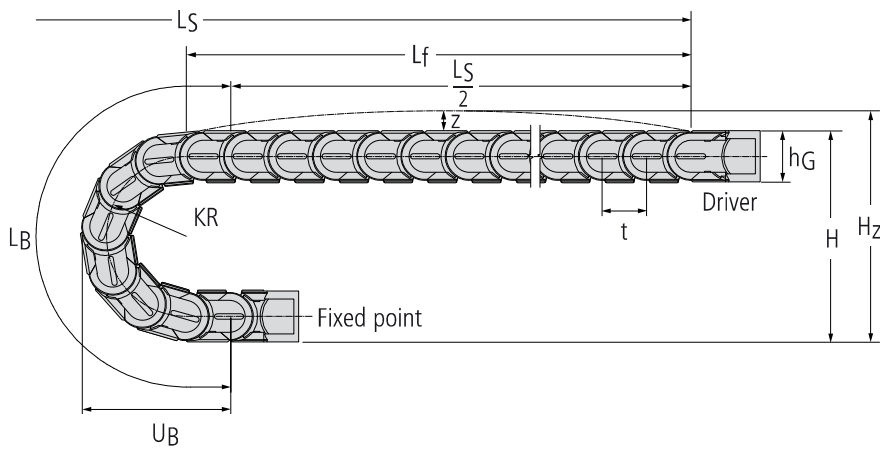
**IP54**getestet &
bescheinigt
tested &
attested

TÜV NORD

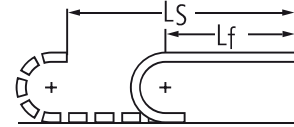
Spare parts list, installation instructions, etc.:
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TUBE SERIES | TKA55

Unsupported arrangement



Unsupported length L_f

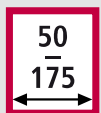


A sag of the cable carrier is technically permissible for extended movement ranges, depending on specific application.

Inside heights



Inside widths



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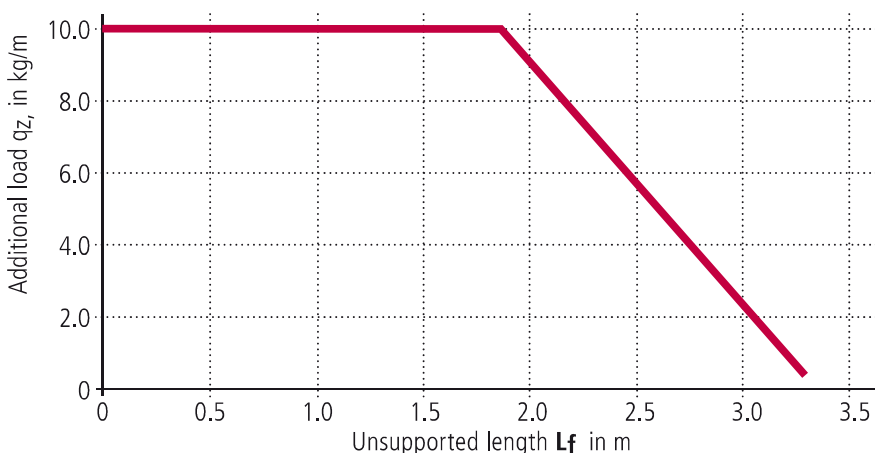
LS max. [m]	Dynamics				t [mm]	z [mm/m]
	vmax [m/s]		amax [m/s]			
	unsupported	gliding	unsupported	gliding		
150	8	3	40	15	55.5	17

Installation measurements unsupported

KR [mm]	H [mm]	Hz [mm]	LB [mm]	UB [mm]
100	264	304	425	188
120	304	344	488	208
140	344	384	551	228
170	414	454	645	258
195	454	494	725	283
225	514	554	818	313
250	564	604	896	338
300	664	704	1211	388

Load diagram

for unsupported length L_f depending on the additional load



Calculation of the chain length

Chain length L_k

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

Chain length L_k rounded off to pitch t

Unsupported length L_f

$$L_f = \frac{L_s}{2} + t$$



TUBE SERIES

TKA55

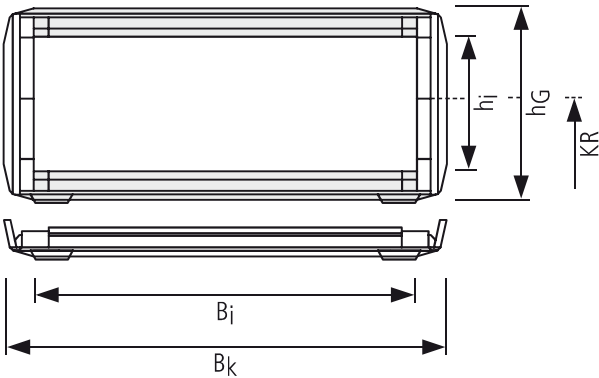
Stay variant 060 –

covered on both sides with detachable covers on the inside



Pitch, inside height and chain link height

Type	t [mm]	h _i [mm]	h _G [mm]
TKA55.060	55.5	45	64



Inside/outside width and intrinsic chain weight

Type	B _i [mm]	B _k [mm]	q _k [kg/m]
TKA55.060	50	70	1.95
TKA55.060	75	95	2.22
TKA55.060	100	120	2.51
TKA55.060	125	145	2.78
TKA55.060	150	170	3.10
TKA55.060	175	195	3.46

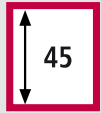
TUBE SERIES | TKA55

Stay variant 080 –

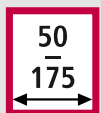
covered on both sides with detachable covers on the outside



Inside heights



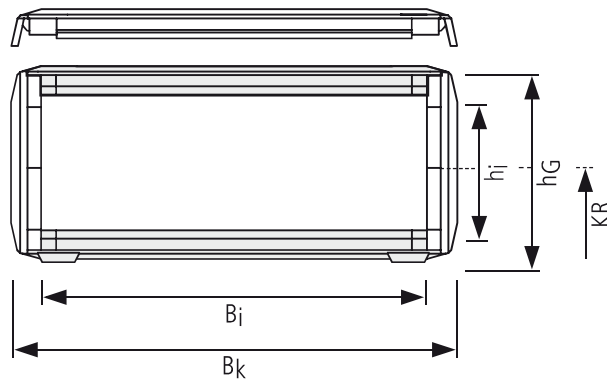
Inside widths



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Pitch, inside height and chain link height

Type	t [mm]	h _i [mm]	h _G [mm]
TKA55.080	55.5	45	64



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Inside/outside width and intrinsic chain weight

Type	Bi [mm]	Bk [mm]	qk [kg/m]
TKA55.080	50	70	1.95
TKA55.080	75	95	2.22
TKA55.080	100	120	2.51
TKA55.080	125	145	2.78
TKA55.080	150	170	3.10
TKA55.080	175	195	3.46

TUBE SERIES | TKA55

Divider systems

In the standard version, dividers or the complete divider system (dividers with height separation) can be moved in the cross section (**Version A**).

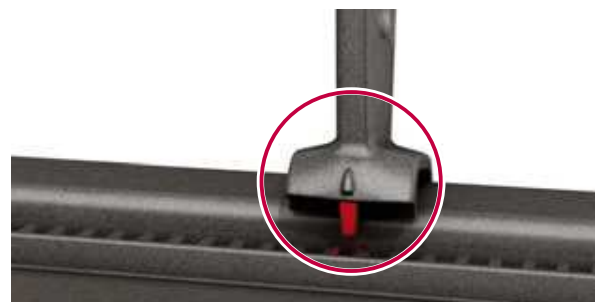
For applications with transverse accelerations and where the carrier is rotated through 90° the dividers can be fixed simply by turning them. This causes the arresting cams to engage in the locking profiles of the covers (**Version B**).

Inside
heightsInside
widths

Moveable divider Version A (standard)

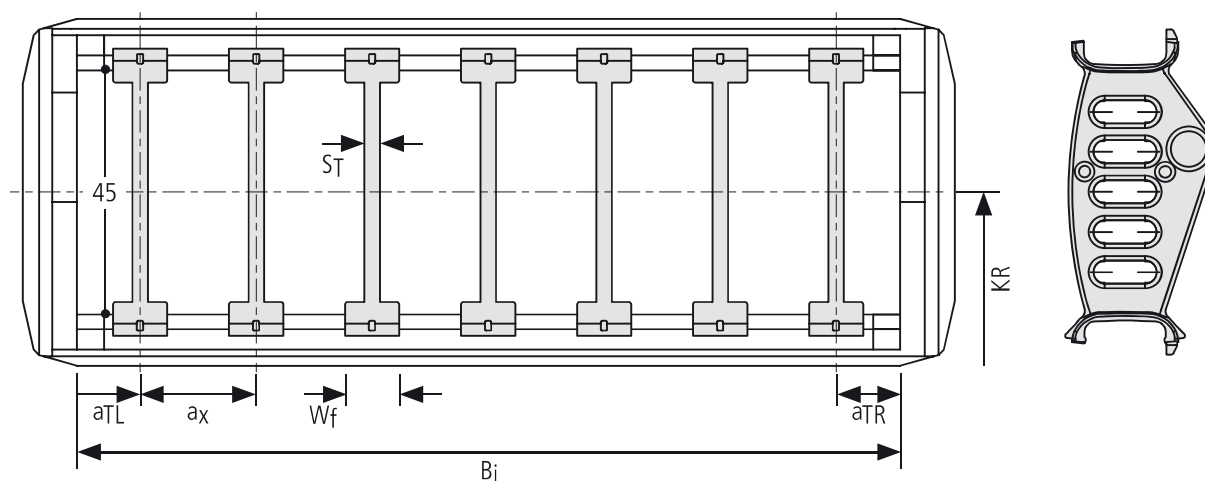


Fixable divider (2 mm grid) Version B



Divider system TS0 without height separation

ST [mm]	Wf [mm]	Version A moveable		Version B fixable		
		aTL/aTR min [mm]	ax min [mm]	aTL/aTR min [mm]	ax min [mm]	ax grid [mm]
3	10	45	10	13.5	10	2

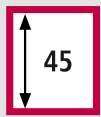


TUBE SERIES | TKA55

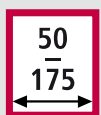
Divider system TS1 with continuous height separation made of aluminum

ST [mm]	Wf [mm]	SH [mm]	aTL/aTR max [mm]	Version A moveable		Version B fixable		
				aTL/aTR min [mm]	ax min [mm]	aTL/aTR min [mm]	ax min [mm]	ax grid [mm]
3	10	4	40	5	10	13,5	10	2

Inside heights



Inside widths

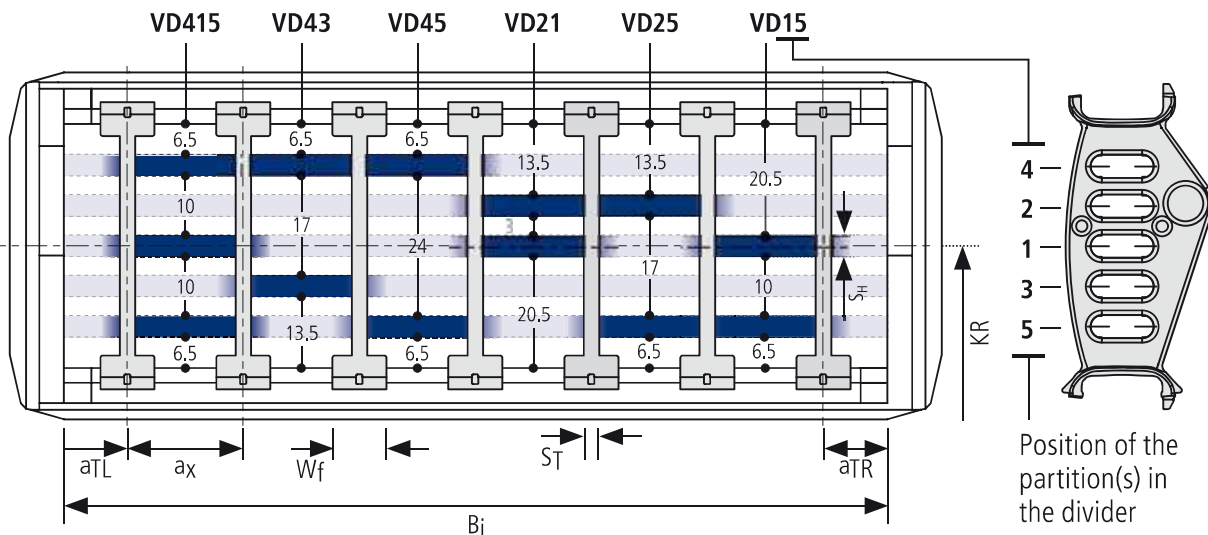
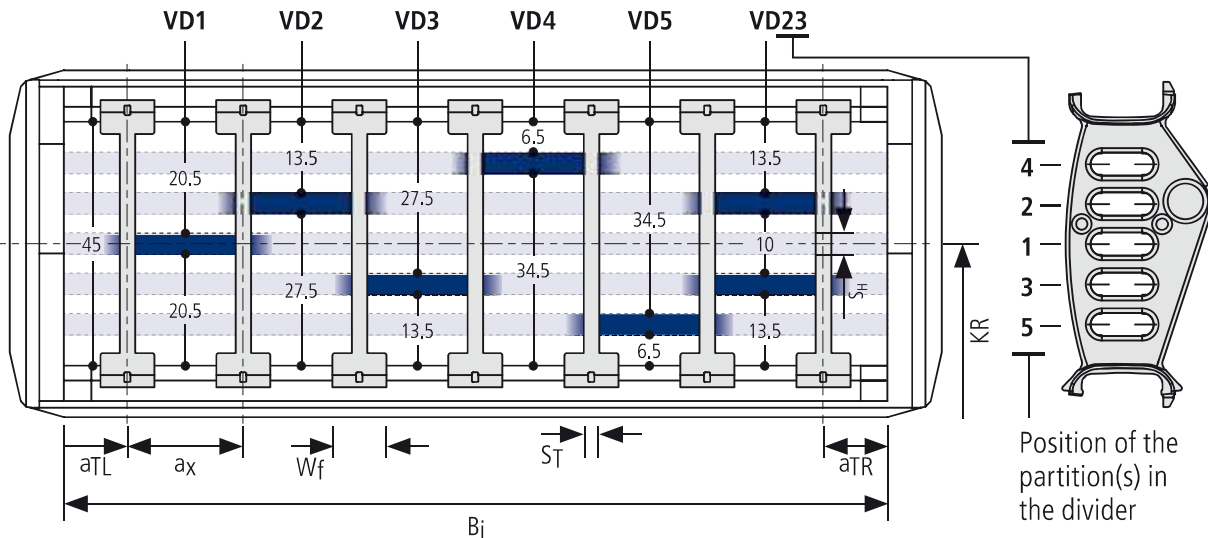


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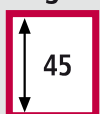


Note: For order example and notes for ordering, refer to page 275.

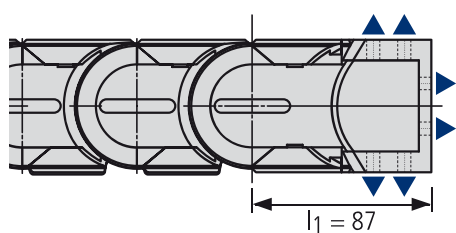
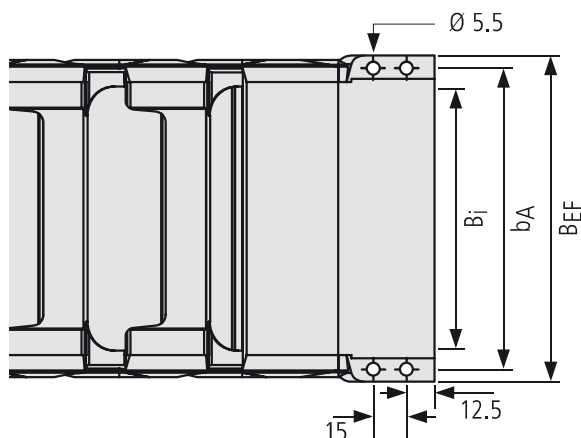
TUBE SERIES | TKA55

Universal mounting brackets (UMB)

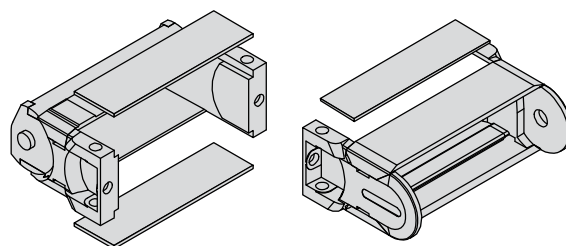
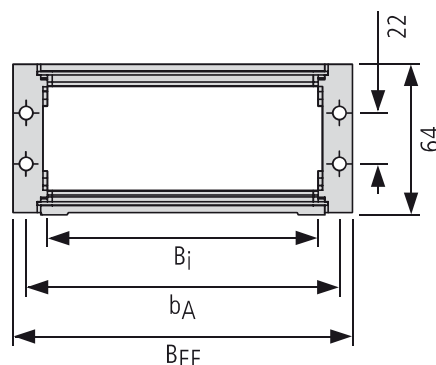
The universal mounting brackets (UMB) are made from plastic and can **be mounted from above, from below or at the front**.

Inside
heightsInside
widths

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▲ Assembly options



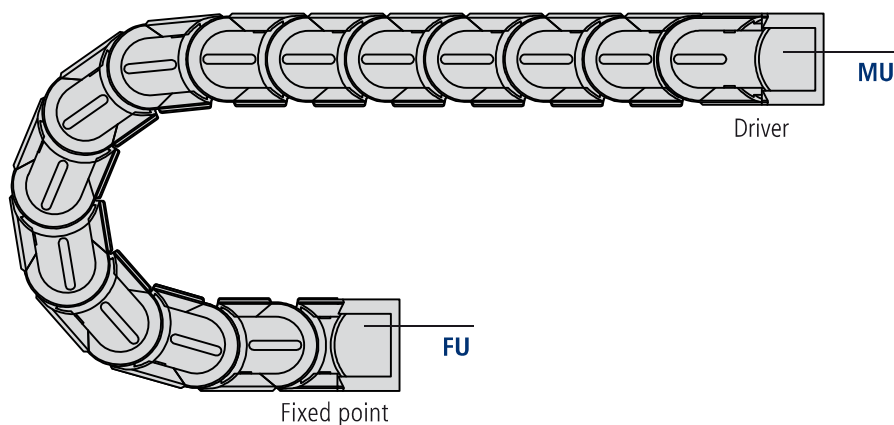
Note: The connecting elements are also available as an option **without** cover plate. Please state when ordering.

Connection dimensions

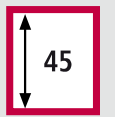
B_i [mm]	b_A [mm]	B_{EF} [mm]
50	63	74
75	88	99
100	113	124

B_i [mm]	b_A [mm]	B_{EF} [mm]
125	138	149
150	163	174
175	188	199

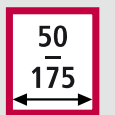
i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).

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Inside heights



Inside widths



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Both-sided strain relief combs made of plastic

The cables can be fixed securely and simply using the **optional strain relief combs**. The strain relief combs are installed between the UMBs, and do not need to be bolted on separately or mounted on a C-rail. **When ordering, please state if strain relief combs are required.**

Bj [mm]	nz
50	3
75	5
100	7
125	9
150	11
175	13

nz = Number of teeth on one side of the comb



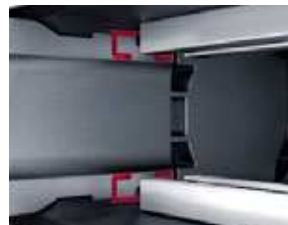
UMB connection piece with optional strain relief comb



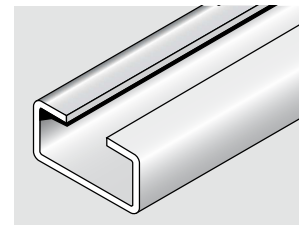
Fixing in the UMB

C-rails for LineFix bracket clamps, SZL strain reliefs and clamps

The optional C-rails are fixed by means of the universal mounting brackets and do not have to be screwed separately. **When ordering, please state if C-rails are required.**



UMB with C-rails. The UMB connections have receptacles at the top and bottom for attachment of the C-rail.



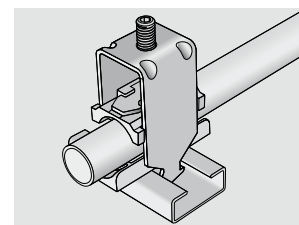
Integrated C-rail. 25 x 10 mm, slot width 11 mm, material steel, Item No. 3931

Our LineFix strain reliefs are very well suited for the C-rails (LineFix bow clamps and other strain reliefs – refer to Chapter Accessories, from Page 381).

Note: LineFix strain reliefs can only be used in the connecting elements without cover plate.



C-rail with LineFix strain relief



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Inside
heightsInside
widths

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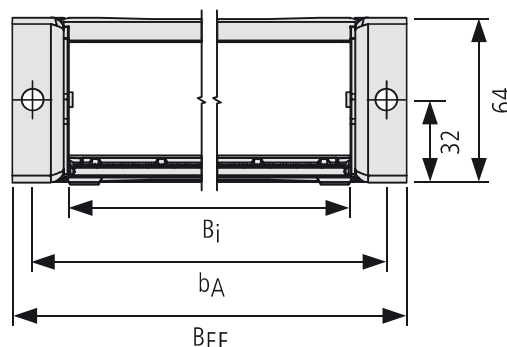
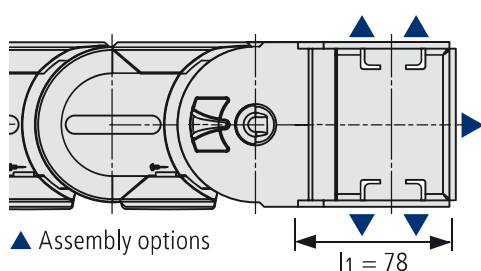
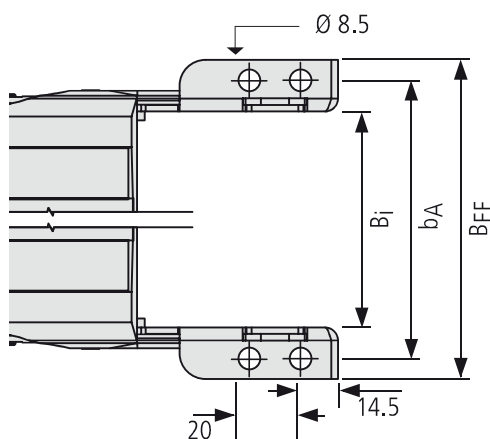
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Universal mounting brackets St (UMB)

The universal mounting brackets (UMB) are made from zinc plated steel and can **be mounted from above, from below or at the front**.

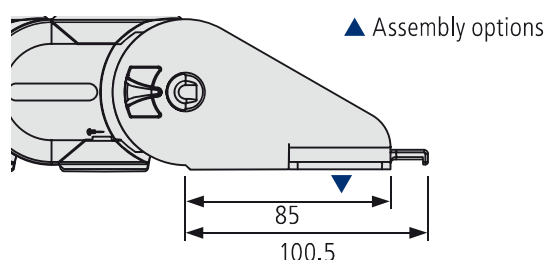
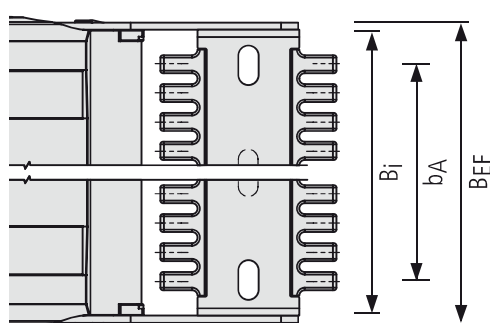


i The connection dimensions for fixed point and driver are identical. When ordering, please specify the connection type (see order key on page 275).

i **Note:** The connecting elements are also available as an option **with** cover plate. Please state when ordering.

Connecting elements St

The connecting elements are made from zinc plated steel. Depending on the application the connection type (**above or below**) can be altered simply by turning them.



i The connecting element St are delivered as standard with strain relief comb made from plastic.

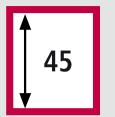
Connection dimensions

St (UMB)			St	
Bi [mm]	bA [mm]	BEF [mm]	bA [mm]	BEF [mm]
50	78	94	30	70
75	103	119	55	95
100	128	144	80	120

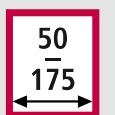
St (UMB)			St	
Bi [mm]	bA [mm]	BEF [mm]	bA [mm]	BEF [mm]
125	153	169	105	145
150	178	194	130	170
175	203	219	155	195

i **Note:** Connecting elements St (UMB) and St provide the same connecting dimensions as the previous model UNIFLEX 060. Order: Please contact us. We will willingly advise you.

Inside heights



Inside widths



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TUBE SERIES | TKA Series

Ordering

Ordering example cable carrier

Cable carrier

TKA45	.	080	.	125	.	140	.	1110
Type		Stay variant		Bj [mm]		KR [mm]		LK [mm]

Ordering example divider system

Divider system without height separation

TS0	.	B	/	3
Divider system		Version		nT

Divider system with height separation

TS1	.	A	/	3	/	VD23
Divider system		Version		nT		Height separation

Please state the designation of the divider system (TS0, TS1), the version and number of dividers required.

When ordering the fixed version (version B), please indicate the position of the dividers (sketch). Where a continuous height separations is required (TS1), please also indicate their positions (e.g. VD23, or add a sketch).

Ordering example connection elements

Connection

FU	/	MU
Fixed point		Driver

See online for additional product information

Spare parts list, installation instructions, etc.:
Receive additional info at kabelschlepp.de

Configure your custom
cable carrier system:
onlineengineer.de



Guide channels

■ from page 375



Strain relief devices

■ from page 381



Cables for cable carrier systems

■ from page 438

