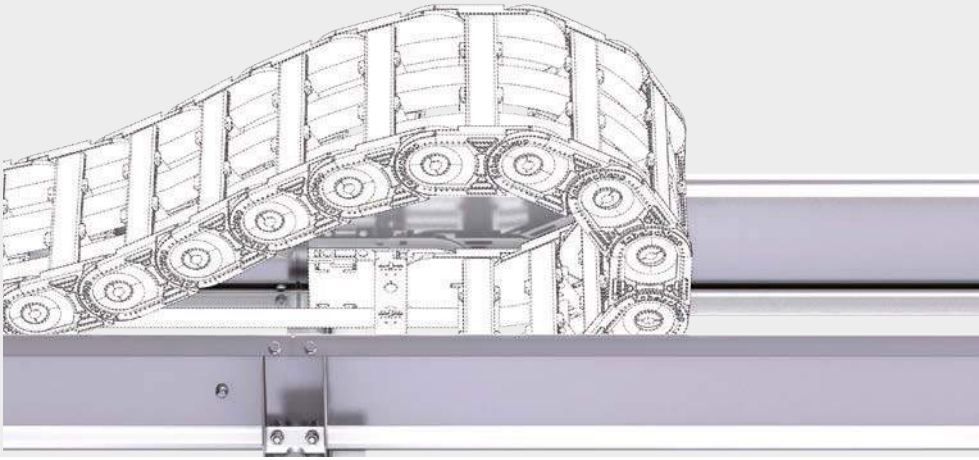
Steel Guide System | Overview

Guide channels in the modular system

- Modular system with optimized design for long travel lengths.
- Available in zinc plated sheet steel or stainless steel.
- Easy installation.



Zinc plated sheet steel / stainless steel

Standard lengths 1000 / 2000 mm
Special lengths on request

Features

- Especially suitable for cranes and applications with long travel lengths
- Simple design for short installation times
- No accumulation of dirt through open construction
- Fast and easy installation thanks to pre-assembled sidebands and channel brackets
- Complete system for screw-fitting
- All components without welds

Steel Guide System | Versions

One-sided arrangement

For one-sided arrangement of the cable carrier, the cable carrier slides behind the fixed point on a continuous slide support with run-off bevels.

Closed design

Channel profile with and without slide supports incl. run-on bevels.

Dirt and liquids can drop through without restrictions.

Opposite arrangement

For opposite arrangement, a slide support is also attached for bridging between the fixed point connections.

Closed design

Channel profile with and without slide supports incl. run-on bevels.

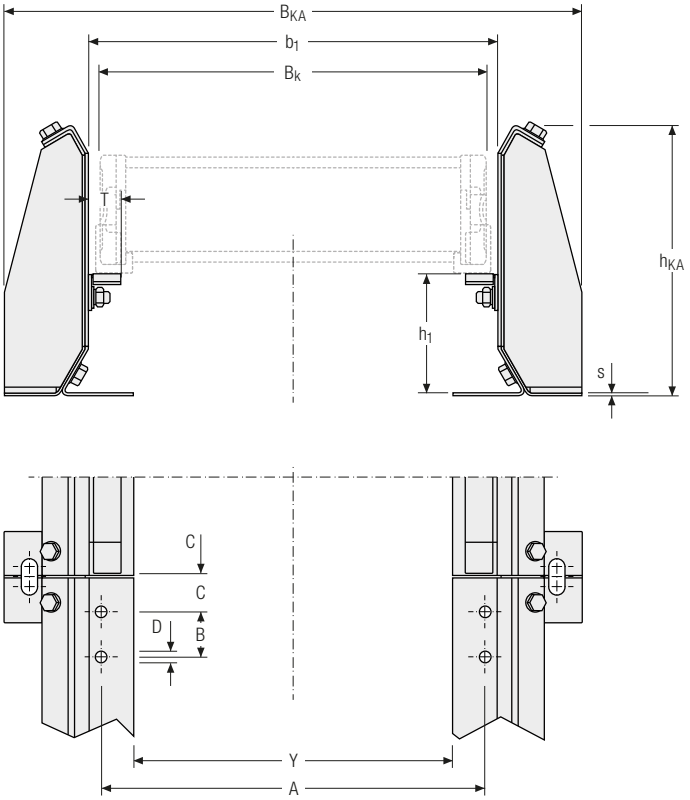
Dirt and liquids can drop through without restrictions.

Key for abbreviations on page 62

Assembly instructions on kabelschlepp.de/assembly

Steel Guide System | Dimensions · Technial Data

Dimensions



Dimensions

UNIFLEX *Advanced*

The cable carrier width B_K is taken into account for calculating the inner width of guide channel b_1 and the overall width B_{KA}.

Type	h_1 [mm]	h_{KA} [mm]	b_1 [mm]	B_{KA} [mm]	s [mm]	A [mm]	B [mm]	C [mm]	D [mm]	T [mm]	Y [mm]
UA 1555											
Glide shoes	53	124	$B_K + 9$	$B_K + 139$	2	$b_1 - 47$ (FA) $b_1 - 21$ (FU)	– 22.5	25 22.5	6.4 5.5	24	$b_1 - 69$
UA 1665											
Glide shoes	63.5	124 (KR < 200) 176 (KR ≥ 200)	$B_K + 10$	$B_K + 140$	2	$b_1 - 52$ (FA) $b_1 - 19$ (FU)	– 22.5	30.5 25	8.4 5.5	24 25	$b_1 - 69$ $b_1 - 66$

The dimension A refers only to the connection holes.

Dimensions

M serie

The cable carrier width B_K is taken into account for calculating the inner width of guide channel b_1 and the overall width B_{KA}.

Type	h_1 [mm]	h_{KA} [mm]	b_1 [mm]	B_{KA} [mm]	s [mm]	A [mm]	B [mm]	C [mm]	D [mm]	T [mm]	Y [mm]
M0650											
Glide shoes	60.5	124 (KR < 200) 176 (KR ≥ 200)	$B_K + 5$	$B_K + 135$	2	$b_1 - 24$ (FU)	22.5	30.5	6.5	24 25	$b_1 - 69$ $b_1 - 66$
Offroad-Gleitschuhe	63.5										
M0950											
Glide shoes	83.5	176 (KR < 200) 209 (KR ≥ 200)	$B_K + 5$	$B_K + 135$	2	$b_1 - 19.5$ (FU)	35	34.5	8.5	25	$b_1 - 66$ $b_1 - 70$
Offroad Glide shoes	86.5										
M1250											
Glide shoes	99.5	209 (KR < 300) 258 (KR ≥ 300)	$B_K + 6$	$B_K + 136$	2	$b_1 - 23$ (FU)	35	40.5	11	50	$b_1 - 70$ $b_1 - 90$
Offroad Glide shoes	103										
M1300											
Glide shoes	127.5	258	$B_K + 6$	$B_K + 136$	2	$b_1 - 27$ (FU)	35	30	11	50	$b_1 - 90$

TKHD series

The cable carrier width B_K is taken into account for calculating the inner width of guide channel b_1 and the overall width B_{KA}.

Typenreihe	h_1 [mm]	h_{KA} [mm]	b_1 [mm]	B_{KA} [mm]	s [mm]	A [mm]	B [mm]	C [mm]	D [mm]	T [mm]	Y [mm]
TKHD90 | page <?>											
Glide shoes	127.5	258	$B_K + 6$	$B_K + 136$	2	$b_1 - 96$ (FAI)	40	25	12	50	$b_1 - 90$

S/SX serie

The cable carrier width B_K is taken into account for calculating the inner width of guide channel b_1 and the overall width B_{KA}. When using aluminum hole stays, slide discs have to be placed on the side tabs between cable carrier and channel wall for spacing.

Type	h_1 [mm]	h_{KA} [mm]	b_1 [mm]	B_{KA} [mm]	s [mm]	A [mm]	B [mm]	C [mm]	D [mm]	T [mm]	Y [mm]
S/SX0650											
Glide shoes	56	124	$B_K + 10$	$B_K + 140$	2	$b_1 - 47$ (FAI)	45	25	6.4	24	$b_1 - 69$
S/SX1250											
Offroad Glide shoes	103	209 (KR < 350) 258 (KR ≥ 350)	$B_K + 12$	$B_K + 142$	2	$b_1 - 76$ (FAI)	80	35	10.5	50	$b_1 - 100$
S/SX1252											
Offroad Glide shoes	103	209 (KR < 350) 258 (KR ≥ 350)	$B_K + 12$	$B_K + 142$	2	$b_1 - 76$ (FAI)	80	35	10.5	50	$b_1 - 100$

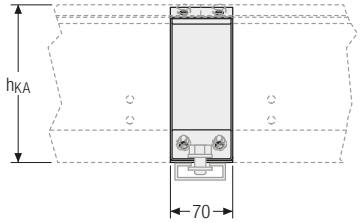
Support trays & guide channels
Key for abbreviations on page 62
Assembly instructions on kabelschlepp.de/assembly

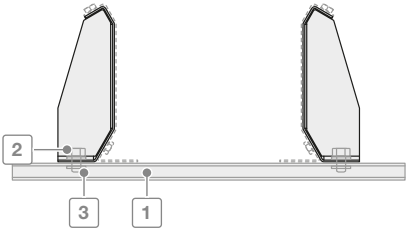
Steel Guide System | Fixing Elements

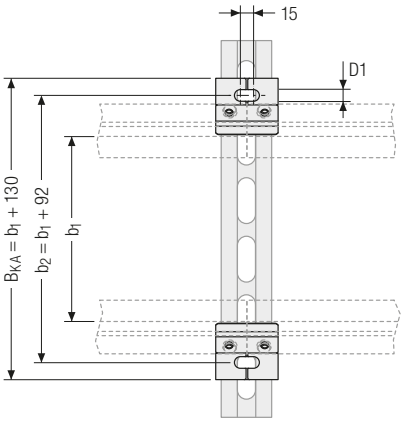
Fixing with channel brackets

The channel brackets are mounted at the joins, ensuring precise connection of the joins in addition to fixing the channel to the substructure.

- Optimum alignment of the joins
- Reduced installation times
- No welds
- Minimum number of screw connections
- Reliable fixing under rough conditions
- High stability







h_{KA} [mm]	D1 [mm]	s [mm]
123	11	2
175	13	2
208	13	2
257	13	2

The sheet metal thickness “s” corresponds to the respective wall thickness “s” of the channel.

As a standard, the channel brackets included with the delivery are installed on all joins as well as at both ends of a channel. If you require more channel brackets beyond this, please state this when ordering.

Calculating C-profile length

C-profile length L_P
$L_P = B_{KA} + 50$ mm
C-profile length L_P rounded to 50 mm

Suitable perforated C-profiles can be found from page 57

Fixing kit (optional)

The delivery scope of the Steel Guide System does not include the optional joining clamp fixing kit.

Befestigungsset
1 C-rail (length depends on b_1)
2 T-head bolt M10/M12
3 Hex nut
4 Washer

Order

To order the Steel Guide System , please provide the following information:

- Number of guide channels
- Total length of channel
- Support length L_{KA}'
- Ouer height of guide channel h_{KA}
- Inner width of guide channel b_1
- Material
- Support height h_1
- Delivery (unmounted/mounted)
- Fixing with or without C-profile