

Aluminium Super- Troughs

For general use



Advantages Aluminium SuperTroughs

- Huge range available for almost all igus® e-chains®
 - Very simple, modular assembly
 - Corrosion-resistant, seawater-resistant aluminium profile
 - Flexible assembly
 - Conductivity according to DIN EN 61537 - standard
 - Energy supply is even more flexible with the new easy to assemble, low-abrasion high-speed glide bar for higher speeds, for some series
 - Glide strips for more wear protection at high-speed
 - Heavy-duty bracket option for high load applications: you can configure the heavy-duty version online
- www.igus.eu/alu-guide



When to use another guide trough:

- When a very strong and tough guide trough made from steel is required for heavy-duty applications
- **Steel guide troughs, page 1326**

Image of an aluminium SuperTrough: left trough side part with heavy-duty mounting brackets and conventional glide bar, right trough side part with basic mounting brackets and high-speed glide bar



Huge range:
aluminium profile (standard: 2m section) available for almost all igus® e-chains®, seawater and corrosion-resistant

Wear-reducing: glide strips protect from wear on the sides

Fast connection:
interface connector, basic, made of plastic, easy to mount without tools

Energy supply is even more flexible:
easy to assemble, low-abrasion glide bar for higher speeds, the new standard for series 973/974/975

Wear-reduction:
proven extruded polymer glide bar

Easy installation:
bottom clamp basic, attached either inwards or outwards

Simple fastening:
C-profile, for bottom clamps

For heavy-duty applications: heavy-duty bottom clamp.
You can configure the heavy-duty version at our online-catalogue ► www.igus.eu/alu-guide

Simple connection:
optimised polymer fixed end module option, for fast and easy mounting, without any drilling

For general applications - aluminium SuperTrough, basic version, standard

- Simple and cost-effective basic design as well as version for complex engineering applications
- Very simple, modular assembly
- Corrosion-resistant, seawater-resistant aluminium profile
- Flexible assembly
- Misalignment-free installation - no screwing or welding of the profiles required
- Conductivity according to DIN EN 61537 - standard

Part No. without glide bars	Part No. with glide bars	Outer height H_{Ra} [mm]	Part No. Installation set ²⁾	Side part material	Page Link
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Basic version, standard -
for general use
Left image with high-speed glide bar

970.30.SL	970.31.SL	77	960.30	Aluminium	1308
970.30.SL	970.32.SL	77	960.30	Aluminium	1310
971.30.SL	971.31.SL	87	960.30	Aluminium	1312
972.02.30.SL	972.02.31.SL	117	960.30	Aluminium	1314
972.30.SL	972.31.SL	117	960.30	Aluminium	1316
972.30.SL	972.32.SL	117	960.30	Aluminium	1318
973.30.SL	973.31.SLH ¹⁾	144	960.40	Aluminium	1320
974.30.SL	974.31.SLH ¹⁾	184	960.50	Aluminium	1322
975.30.SL	975.31.SLH ¹⁾	236	960.50	Aluminium	1324



Heavy-duty version -
for tough plant construction
You can configure the heavy-duty version according to the respective e-chain® you've chosen or ► www.igus.eu/alu-guide
Left image with high-speed glide bar

971.30.SL	971.31.SL	87	971.50	Aluminium	► www.igus.eu/alu-guide
972.02.30.SL	972.02.31.SL	117	972.50	Aluminium	► www.igus.eu/alu-guide
972.30.SL	972.31.SL	117	972.50	Aluminium	► www.igus.eu/alu-guide
972.30.SL	972.32.SL	117	972.50	Aluminium	► www.igus.eu/alu-guide
973.30.SL	973.31.SLH ¹⁾	144	973.50	Aluminium	► www.igus.eu/alu-guide
974.30.SL	974.31.SLH ¹⁾	184	974.50	Aluminium	► www.igus.eu/alu-guide
975.30.SL	975.31.SLH ¹⁾	236	975.50	Aluminium	► www.igus.eu/alu-guide

¹⁾ With abrasion-optimised high-speed glide bar

²⁾ The basic Installation sets are the standard for the aluminium SuperTroughs. They can be fastened inside or outside and are recommended for most application areas. The basic clamping shoes are made of aluminium. The heavy-duty version is differentiated only by the type of the installation set. The part numbers of the channel side plates, glide strips, etc., are the same as the basic model. The heavy-duty installation set consists of a larger aluminium bracket, fastened outside on the guide trough.

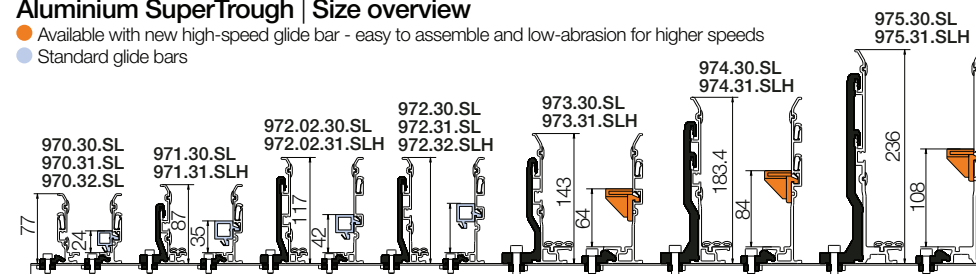


Available from stock. Ready to ship in 24 - 48hrs.*

*Average time before the ordered goods are dispatched.

Aluminium SuperTrough | Size overview

- Available with new high-speed glide bar - easy to assemble and low-abrasion for higher speeds
- Standard glide bars



Components, guide troughs and components, mounting kits

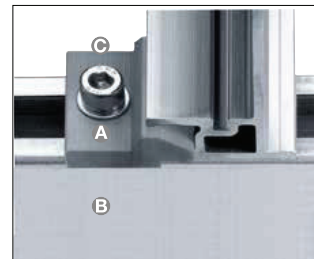
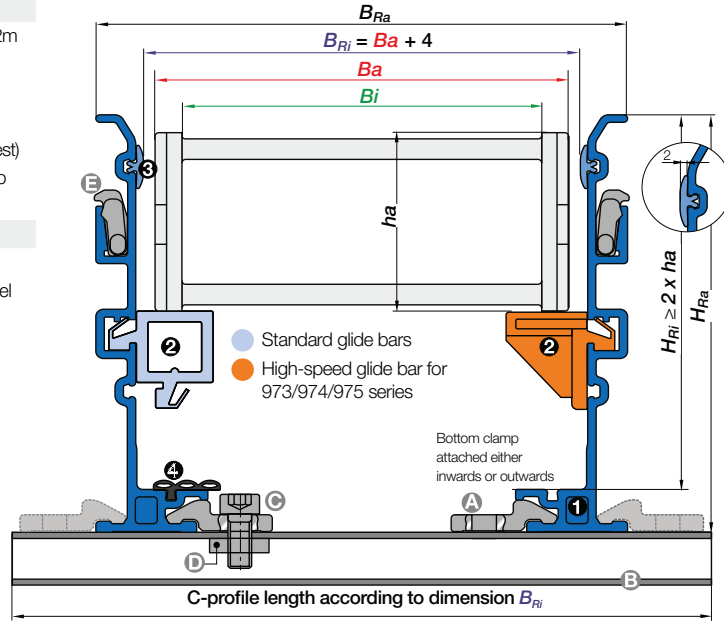
Components

- ❶ Trough side parts, aluminium, 2m
- ❷ Standard glide bars, 2m
High-speed glide bar, 0.5m
- ❸ Glide strips, plastic, 2m
(without glide strips upon request)
- ❹ Optional: noise dampening strip

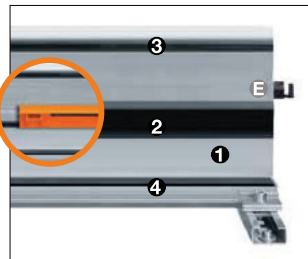
Components, installation set

- Ⓐ Bottom clamp, aluminium
- Ⓑ C-profile, steel or stainless steel
- Ⓒ Allen wrench
- Ⓓ Sliding nut
- Ⓔ Interface connector, plastic

Ba = e-chain® outer width
 Bi = e-chain® inner width
 ha = e-chain® outer height
 H_{Ri} = Trough inner height
 H_{Ra} = Trough outer height
 B_{Ri} = Trough inner width
 B_{Ra} = Trough outer width



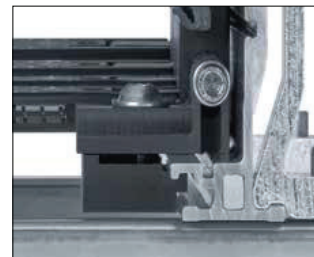
Simple fastening with basic bottom clamp and C-profile



Wear-reducing due to glide bars and glide strips



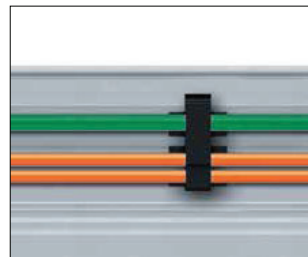
Optional noise dampening strips for additional noise reduction



Simple connection to the e-chain® with the fixed end module ► Page 1304



High-speed glide bars available for 973/974/975 series ► Page 1306



Trough clip for fixed cable installation on the outside of the trough ► Page 1307

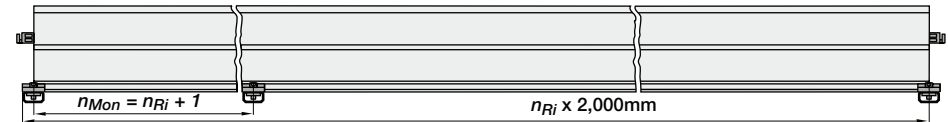
Configured according to your requirements



Quickly and easily assemble the right aluminium SuperTrough for your application

- Selection of the suitable guide trough according to the e-chain® series and e-chain® width Bi
- Determine the feed-in point of the cables
- Determine travel distance and thus the length of the required guide trough and the number of trough sections. (standard length of a trough side part: 2,000mm). For centre infeed, the length of the guide trough is calculated from half the travel length with and half the travel length without the glide bar
- Option: "Sound dampening" with noise dampening strip
- Number and type of the installation set - There are two installation set options: basic, standard and heavy-duty

The quantity of the installation set is calculated from the number of the trough sections + 1 set:



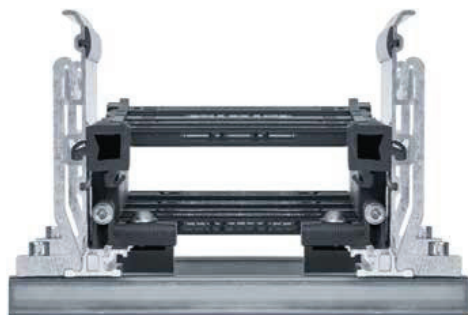
- The installation set matches the igus® C-profile option
 - If you have opted for an e-chain® with KMA mounting brackets, we offer a fixed end module for the quick and simple fastening of the e-chain® in the trough without drilling
- Installation Guide-PDF with detailed assembly information
 ► www.igus.eu/installation-guide-pdf

Order example | Examples based on Part No. 973.30.SL | 973.31.SL

<p> Order example: length of travel 30m - centre fixed for series 3500.100.200.0 with $B_{Ri} = 124$</p> <p>1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section</p> <p>Order text: 16m guide trough without glide bars (8 sets of 2m sections)</p>	973.30.SL
<p>1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section</p> <p>Order text: 16m guide trough with glide bars (8 sets of 2m sections)</p> <p>Installation set basic complete (quantity: guide trough sets + 1)</p> <p>Order text: 17 installation sets, basic</p> <p>Option: For additional noise dampening strip</p>	960.40.175
<p>Please add index A</p> <p>Option: Fixed end module for a quick and easy mounting</p> <p>Order text: 1 set</p>	973.80.5
<p>Option: Trough clip for fixed cable installation on the outside of the trough</p> <p>Order text: 30 pieces</p>	SLC.40.17

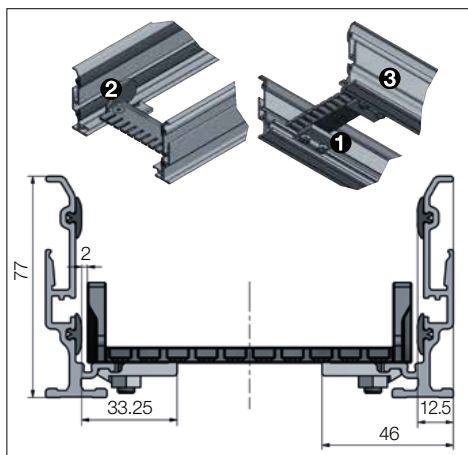
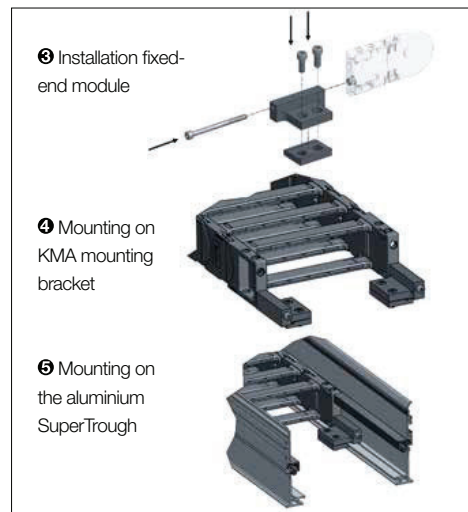
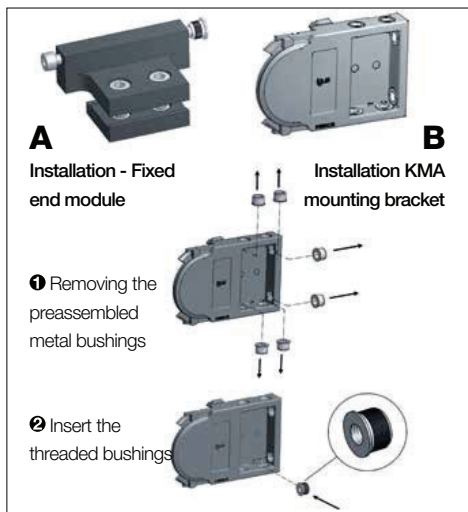
Calculation - travel centre fixed: half travel length, rounded to full 2m sections = X m.
 Guide trough length **without** glide bars + X m guide trough length **with** glide bars
 + installation set, basic (number of trough sets + 1)

Quick and simple fastening onto the aluminium SuperTrough



Optimised fixed end module - lightweight, low-cost, for connection of the e-chain® in aluminium SuperTrough

- Mounting bracket attachment on the aluminium SuperTrough without drilling
- Fixed end module is clamped to the trough
- Save installation time
- Minimise errors from drilling your own holes
- Stainless and cost-effective



Fixed end clamp to attach the e-chain® into the smallest aluminium SuperTrough 970.30.SL

For mounting brackets from series: 10, 15/R15, B15, 1500. The fixed end clamp enables quick and simple attachment by clamping onto the aluminium SuperTrough without drilling.

- Quick attachment of the e-chain® to the aluminium SuperTrough
- The mounting point of the e-chain® can be changed quickly

Fixed end clamp principle:

- 1 Fixed end clamp 970.80
- 2 Mounting bracket
- 3 Aluminium SuperTrough 970.30.SL



Fixed end module | Fixed end clamp | Product range

Series	For aluminium SuperTroughs	For e-chain® Series	From inner width <i>B_i</i> (mm)	Mounting bracket
970.80 ¹⁾	970.30.SL 970.31.SL	10, B15, 15/R15 ²⁾	050	one-piece
970.80 ¹⁾	970.30.SL 970.32.SL	1500 ³⁾	050	one-piece
971.80.4 ¹⁾	971.30.SL 971.31.SL	E2.26, 2500, E6.29	07	KMA
972.80.4 ¹⁾	972.02.30.SL 972.02.31.SL	E4.31L/R4.31L, E4.28/R4.28, E6.35	06	KMA
972.80.4 ¹⁾	972.30.SL 972.31.SL	E4.38L/R4.38L, E4Q.34/H4Q.34, E4.32/H4.32/R4.32, E6.40/R6.40	06	KMA
972.80.4 ¹⁾	972.30.SL 972.32.SL	E2.38, 2700, R68	06	KMA
973.81.5 ¹⁾	973.30.SL 973.31.SLH	E4.48L/R4.48L, E4Q.44/H4Q.44, E4.42/H4.42/R4.42, E6.52/R6.52	10	KMA
973.80.5 ¹⁾	973.30.SL 973.31.SLH	E2.48, 3500, R68	100	KMA
974.81.5 ¹⁾	974.30.SL 974.31.SLH	E4.64L, 14040/14140/R18840, 14240/14340	10	KMA
974.80.5 ¹⁾	974.30.SL 974.31.SLH	E4Q.58/H4Q.58, E4.56/H4.56/R4.56, E6.62	10	KMA
975.80 ²⁾	975.30.SL 975.31.SLH	E4Q.82/H4Q.82, E4.80/H4.80/R4.80, E6.80	10	KMA
975.81 ²⁾	975.30.SL 975.31.SLH	15050/15150/R19850, 15250/15350	10	KMA

1) Material: polymer 2) Material: Aluminium AlMg3, seawater resistant 3) Fixed end clamp

Material screw kits: Standard steel, galvanised. Optional: 316 stainless steel, material 1.4571 (AISI 316Ti). Standard: galvanised steel

Available from stock. Ready to ship in 24 - 48hrs.*
*Average time before the ordered goods are dispatched.



Fixed end module - simple fixing of the e-chain® without drilling



Tested - the igus® aluminium SuperTrough has been used in test setups since 2005. Test setup axis 1: speed 1.5m/s, travel: 18m, travel so far: about 50,000km (test running since 2005)

Easy to assemble and low-abrasion for higher speeds **New**



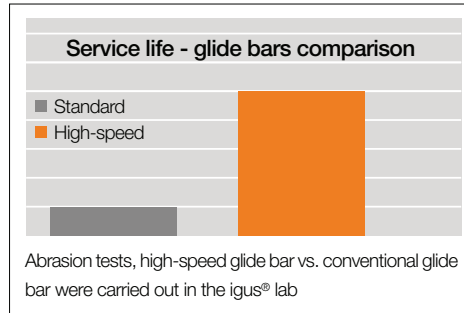
High-speed glide bar - the new standard for aluminium SuperTrough

5x the abrasion resistance thanks to tribologically optimised material - compared to standard glide bars

- For particularly fast, gliding applications
- Short individual parts 500mm, easier handling
- More durable at the same price compared to standard glide bars
- Significantly lower maintenance requirements compared to standard glide bars
- 50% weight reduction by switching from extrusion to injection moulding
- Reduce construction effort with freely accessible configurator for CAD troughs

High-speed glide bar | Product range | Proof

Aluminium SuperTrough Part No.	High-speed glide bar Part No.
973.31.SLH	GB.31.500
974.31.SLH	GB.31.500
975.31.SLH	GB.31.500



Available from stock. Ready to ship in 24 - 48hrs.*

*Average time before the ordered goods are dispatched.

Cable guide for the static cable run on the outside of an aluminium SuperTrough **New**



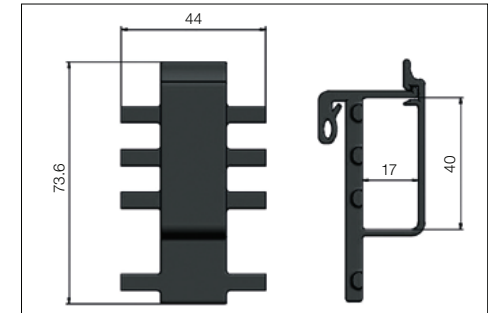
Trough clip - energy supply for static cables

- The trough clip is a cable guide for the static cable run on the outside of a aluminium SuperTrough.
- For centre fixed e-chains®, the cables can simply be guided to the fixed end outside the trough
- Save costs - the trough clip can replace an additional cable duct for a maximum of 3 fixed cables
- The trough clip is simply clipped into the groove of the trough.
- Simple snap-on hook locking mechanism
- Easy installation
- Strain relief with cable tiewraps is possible

Guide trough | Product range

Aluminium SuperTrough Part No.	Trough clip Part No.
971.30.SL 971.31.SL	SLC.40.17
972.02.30.SL 972.02.31.SL	SLC.40.17
972.30.SL 972.31.SL	SLC.40.17
972.30.SL 972.32.SL	SLC.40.17
973.30.SL 973.31.SLH	SLC.40.17
974.30.SL 974.31.SLH	SLC.40.17
975.30.SL 975.31.SLH	SLC.40.17

Other trough clips ► upon request



Available from stock. Ready to ship in 24 - 48hrs.*

*Average time before the ordered goods are dispatched.

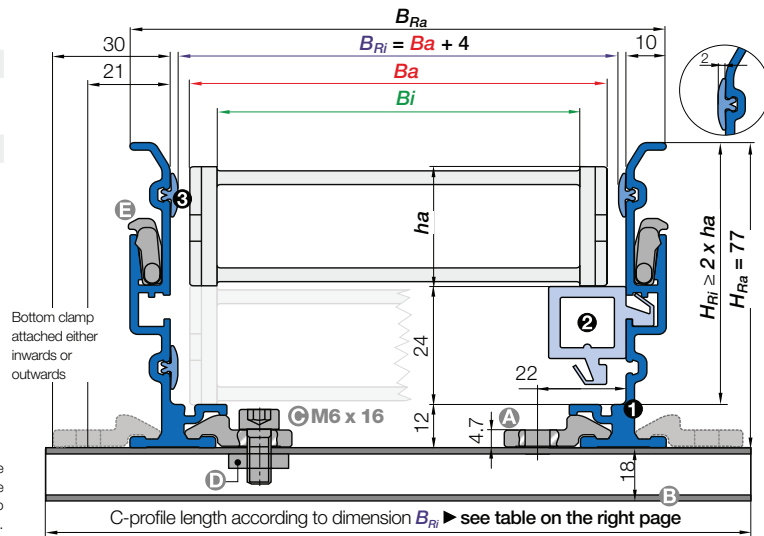
For the following igus® series

E2 mini

- 10
- B15

zipper

- 15/R15



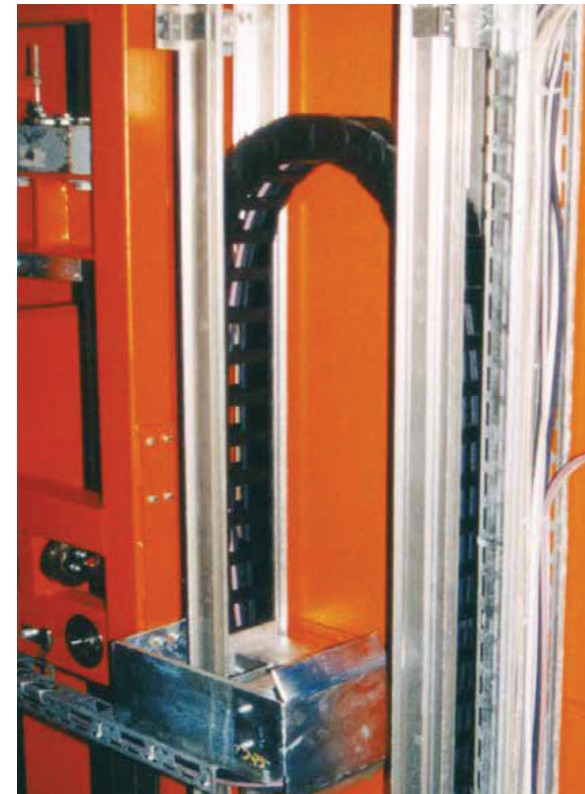
Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.

	Part No.	Weight
Full trough side part set 1 2 3		
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	970.30.SL	≈ 4.20kg
1 set of 2 trough side parts, incl. glide strips, with glide bars, 2m section	970.31.SL ²⁾	≈ 4.90kg
2) 1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, upon request		
Full installation set A B C D E		
1 installation set without C-profile	960.30	≈ 0.06kg
1 installation set with C-profile (C-profile length according to dimension B_{Rl})	960.30.XXX ³⁾	upon request
3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.30.125		

	Part No.	Weight
Components as individual parts, trough		
1 1 trough side part, 2m section	70.11	≈ 2.04kg
2 1 glide bar, 2m section	81.79 ⁴⁾	≈ 0.42kg
3 1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
4) High-speed glide bars, upon request		
Components as individual parts, installation set		
A 1 bottom clamp, aluminium individual	75.40	≈ 0.03kg
B 1 C-profile, individual (C-profile length according to dimension B_{Rl})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
C 1 screw M6 x 16, individual	MAT 0040209 / M6 x16	
D 1 glide nut, individual	MAT 0040057 / M6	
E 1 interface connector, individual	75.60	
5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.125.E. For stainless steel AISI 304, please add index E.		

	Part No.
Additional options for simple fastening without drilling	
1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ▶ Page 1304	970.80

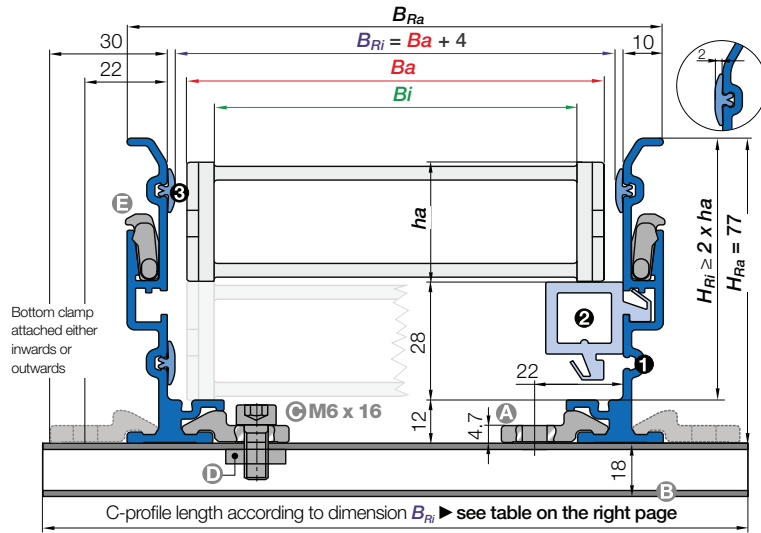
10		B15		15		R15	
Width index	B_{Rl} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Rl} [mm]	Part No. attached inwards	Part No. attached outwards
.015	30	upon request	960.30.125	.015	30	upon request	960.30.125
.025	40	upon request	960.30.150	.025	40	upon request	960.30.150
.038	53	upon request	960.30.150	.038	53	upon request	960.30.150
.050	65	960.30.125	960.30.175	.050	65	960.30.125	960.30.175
.5	80	960.30.125	960.30.175	.5	80	960.30.125	960.30.175
.6	98	960.30.150	960.30.200	.6	98	960.30.150	960.30.200
.7	117	960.30.175	960.30.225	.7	117	960.30.175	960.30.225



e-chain® on the tower of a storage and retrieval unit for high-bay warehouses rolls off from one aluminium guide trough to the opposite one

For the following igus® series

- E2/000**
- 1500
- E4.1**
- E4.21



Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.

Full set	Full trough side part set ① ② ③	Part No.	Weight
		1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	970.30.SL
	1 set of 2 trough side parts, incl. glide strips, with glide bars, 2m section	970.32.SL ²⁾	≈ 5.00kg
	2) 1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, upon request		
Full set	Full installation set A B C D E	Part No.	Weight
	1 installation set without C-profile	960.30	≈ 0.06kg
	1 installation set with C-profile (C-profile length according to dimension B_{Ri})	960.30.XXX ³⁾	upon request
	3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.30.125		

Individual parts	Components as individual parts, trough	Part No.	Weight
		① 1 trough side part, 2m section	70.11
	② 1 glide bar, 2m section	81.79 ⁴⁾	≈ 0.42kg
	③ 1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
	4) High-speed glide bars, upon request		
Individual parts	Components as individual parts, installation set	Part No.	Weight
	A 1 bottom clamp, aluminium individual	75.40	≈ 0.03kg
	B 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
	C 1 screw M6 x 16, individual	MAT 0040209 / M6 x16	
	D 1 glide nut, individual	MAT 0040057 / M6	
	E 1 interface connector, individual	75.60	
	5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.125.E. For stainless steel AISI 304, please add index E.		

Options	Additional options for simple fastening without drilling	Part No.
		1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ► Page 1304

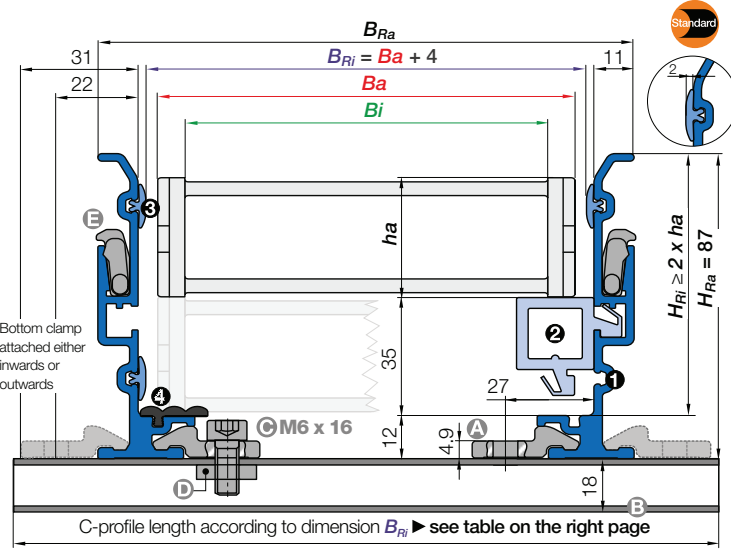
1500			E4.21		
Width index	B_{Ri} [mm]	Part No. attached	Width index	B_{Ri} [mm]	Part No. attached
		inwards			inwards
.015	33	upon request	.030	48	upon request
.020	38	upon request	.040	58	960.30.125
.025	43	upon request	.050	68	960.30.125
.038	56	upon request	.060	78	960.30.125
.050	68	960.30.125	.070	88	960.30.150
.068	86	960.30.150	.080	98	960.30.150
.080	98	960.30.150	.090	108	960.30.175
.100	118	960.30.175	.100	118	960.30.175
.125	143	960.30.200	.110	128	960.30.175
			.120	138	960.30.200
			.140	158	960.30.225



Seawater resistant aluminium SuperTrough in a RTG-crane. Long travel with igus® E4 system

For the following igus® series

- E2.1**
- E2.26
- E2/000**
- 2500
- 255
- E2R**
- R48
- E6**
- E6.29/R6.29



Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.

Full trough side part set ① ② ③ ④		Part No.	Weight
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section		971.30.SLA ¹⁾	≈ 5.00kg
1 set of 2 trough side parts, incl. glide strips, with glide bars, 2m section		971.31.SL ²⁾	≈ 6.40kg
Full set	1) For additional noise dampening strip, please add index A to the Part No. Example: 971.30.SLA		
	2) 1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, upon request		
Full installation set A B C D E		Part No.	Weight
1 installation set without C-profile		960.30	≈ 0.06kg
1 installation set with C-profile (C-profile length according to dimension B_{Ri})		960.30.XXX ³⁾	upon request
3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.30.150			

Components as individual parts, trough		Part No.	Weight
①	1 trough side part, 2m section	71.11	≈ 2.44kg
②	1 glide bar, 2m section	82.79 ⁴⁾	≈ 0.60kg
③	1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
④	1 noise dampening strip, 2m section	75.67.H.2000	≈ 0.16kg
4) High-speed glide bars, upon request			

Components as individual parts, installation set		Part No.	Weight
A	1 bottom clamp, aluminium individual	75.40	≈ 0.03kg
B	1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
C	1 screw M6 x 16, individual	MAT 0040209 / M6 x16	
D	1 glide nut, individual	MAT 0040057 / M6	
E	1 interface connector, individual	75.60	

5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.150.E. For stainless steel AISI 304, please add index E.

Additional options for simple fastening without drilling		Part No.
1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ▶ Page 1304		971.80.4
Trough clip for guiding cables on the outside of a aluminium SuperTrough More information ▶ Page 1307		SLC.40.17

E2.26		2500		255		R48		E6.29/R6.29			
Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.025	46	upon request	960.30.150	.02	45	upon request	960.30.150	.025	40	upon request	960.30.150
.038	59	upon request	960.30.150	.03	58	upon request	960.30.150	.060	65	upon request	960.30.175
.057	78	960.30.125	960.30.175	.05	77	960.30.125	960.30.175	.075	90	960.30.150	960.30.200
.077	98	960.30.150	960.30.200	.07	97	960.30.150	960.30.200	.100	115	960.30.175	960.30.225
.089	110	960.30.175	960.30.225	.09	109	960.30.175	960.30.225	.130	145	960.30.200	960.30.250
.103	124	960.30.175	960.30.225	.10	123	960.30.175	960.30.225	.080	100	960.30.150	960.30.200
.125	146	960.30.200	960.30.250	.12	145	960.30.200	960.30.250	.090	110	960.30.175	960.30.225
								.100	120	960.30.175	960.30.225
								.110	130	960.30.200	960.30.225
								.120	140	960.30.200	960.30.250
								.140	160	960.30.225	960.30.250



Series E4 in a seawater resistant igus® aluminium guide trough

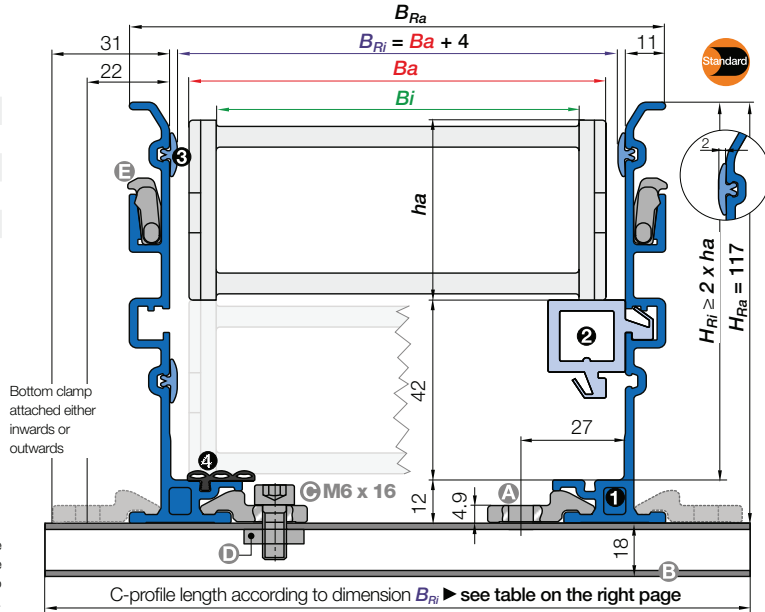
Heavy-duty version for high load applications

- This aluminium SuperTrough is also available for plant manufacturing with special heavy-duty brackets for secure connection
 - You can configure the heavy-duty version at our online-catalogue
 - Installation set Part No. 971.50.
- More information** ▶ www.igus.eu/alu-guide



For the following igus® series

- E4.1L
- E4.31L/R4.31L
- E4.1
- E4.28/R4.28
- E6
- E6.35



Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.

	Full trough side part set ① ② ③ ④	
	Part No.	Weight
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	972.02.30.SLA ¹⁾	≈ 6.00kg
1 set of 2 trough side parts, incl. glide strips, with glide bars, 2m section	972.02.31.SL ²⁾	≈ 7.40kg
1) For additional noise dampening strip, please add index A to the Part No. Example: 972.02.30.SLA		
2) 1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, upon request		
	Full installation set A B C D E	
	Part No.	Weight
1 installation set without C-profile	960.30	≈ 0.06kg
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	960.30.XXX ³⁾	upon request
3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.30.175		

	Components as individual parts, trough	
	Part No.	Weight
① 1 trough side part, 2m section	72.11.02	≈ 2.94kg
② 1 glide bar, 2m section	82.79 ⁴⁾	≈ 1.30kg
③ 1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
④ 1 noise dampening strip, 2m section	75.67.H.2000	≈ 0.16kg
4) High-speed glide bars, upon request		
	Components as individual parts, installation set	
	Part No.	Weight
A 1 bottom clamp, aluminium individual	75.40	≈ 0.03kg
B 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
C 1 screw M6 x 16, individual	MAT 0040209 / M6 x 16	
D 1 glide nut, individual	MAT 0040057 / M6	
E 1 interface connector, individual	75.60	
5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.175.E. For stainless steel AISI 304, please add index E.		

	Options	
	Part No.	Weight
Additional options for simple fastening without drilling		
1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ▶ Page 1304	972.80.4	
Trough clip for guiding cables on the outside of a aluminium SuperTrough More information ▶ Page 1307	SLC.40.17	

E4.31L/R4.31L				E4.28/R4.28				E6.35			
Width index	B_{Ri} [mm]	attached	Part No.	Width index	B_{Ri} [mm]	attached	Part No.	Width index	B_{Ri} [mm]	attached	Part No.
		inwards				inwards				inwards	
		outwards				outwards				outwards	
.040	58	upon request	960.30.150	.040	64	upon request	960.30.175	.030	54	upon request	960.30.150
.050	68	upon request	960.30.175	.050	74	960.30.125	960.30.175	.040	64	upon request	960.30.175
.062	80	960.30.150	960.30.175	.062	86	960.30.150	960.30.200	.050	74	960.30.125	960.30.175
.075	93	960.30.150	960.30.200	.070	94	960.30.150	960.30.200	.060	84	960.30.150	960.30.200
.087	105	960.30.175	960.30.200	.075	99	960.30.150	960.30.200	.070	94	960.30.150	960.30.200
.100	118	960.30.175	960.30.225	.087	111	960.30.175	960.30.225	.080	104	960.30.150	960.30.200
.112	130	960.30.200	960.30.225	.100	124	960.30.175	960.30.225	.090	114	960.30.175	960.30.225
.125	143	960.30.200	960.30.250	.125	149	960.30.200	960.30.250	.100	124	960.30.175	960.30.225
.137	155	960.30.225	960.30.250	.150	174	960.30.225	960.30.275	.110	134	960.30.200	960.30.250
.150	168	960.30.225	960.30.275	.175	199	960.30.250	960.30.300	.120	144	960.30.200	960.30.250
.162	180	960.30.250	960.30.275	.200	224	960.30.275	960.30.325				
.175	193	960.30.250	960.30.300	.225	249	960.30.300	960.30.350				
.187	205	960.30.275	960.30.300	.250	274	960.30.325	960.30.375				
.200	218	960.30.275	960.30.325	.275	299	960.30.350	960.30.400				
				.300	324	960.30.375	960.30.425				



Safely guide an e-chain® on a longer travel. Aluminium SuperTrough is increasingly popular because of corrosion resistance, weight saving and faster assembly

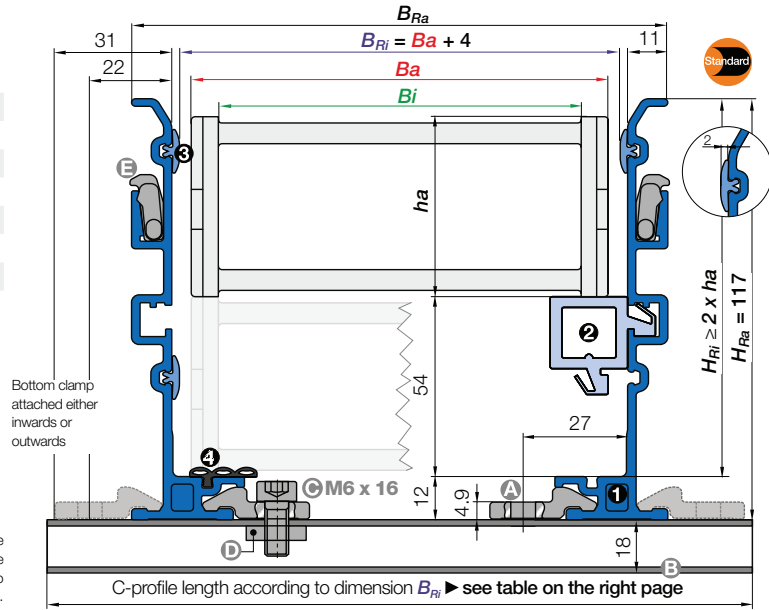
Heavy-duty version for high load applications

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 - Installation set Part No. 972.50.
- More information** ▶ www.igus.eu/alu-guide



For the following igus® series

- E4.1L**
- E4.38L/R4.38L
- E4Q**
- E4Q.34/H4Q.34
- E4.1**
- E4.32/H4.32/R4.32
- E6**
- E6.40/R6.40



Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.

	Full trough side part set ① ② ③ ④	
	Part No.	Weight
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	972.30.SLA ¹⁾	≈ 6.00kg
1 set of 2 trough side parts, incl. glide strips, with glide bars, 2m section	972.31.SL ²⁾	≈ 7.40kg
1) For additional noise dampening strip, please add index A to the Part No. Example: 972.30.SLA		
2) 1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, upon request		
	Full installation set A B C D E	
	Part No.	Weight
1 installation set without C-profile	960.30	≈ 0.06kg
1 installation set with C-profile (C-profile length according to dimension B _{Ri})	960.30.XXX ³⁾	upon request
3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.30.150		

Components as individual parts, trough		Part No.	Weight
①	1 trough side part, 2m section	72.11	≈ 2.94kg
②	1 glide bar, 2m section	82.79 ⁴⁾	≈ 0.60kg
③	1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
④	1 noise dampening strip, 2m section	75.67.H.2000	≈ 0.16kg
4) High-speed glide bars, upon request			

Components as individual parts, installation set		Part No.	Weight
A	1 bottom clamp, aluminium individual	75.40	≈ 0.03kg
B	1 C-profile, individual (C-profile length according to dimension B _{Ri})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
C	1 screw M6 x 16, individual	MAT 0040209 / M6 x 16	
D	1 glide nut, individual	MAT 0040057 / M6	
E	1 interface connector, individual	75.60	

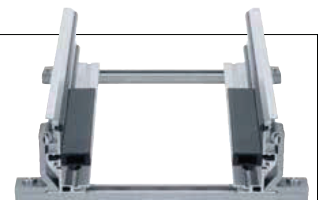
5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.175.E. For stainless steel AISI 304, please add index E.

Additional options for simple fastening without drilling		Part No.
1 fixed end module set to attach the e-chain® into the aluminium SuperTrough	More information ▶ Page 1304	972.80.4
Trough clip for guiding cables on the outside of a aluminium SuperTrough	More information ▶ Page 1307	SLC.40.17

E4.38L/R4.38L				E4Q.34/H4Q.34				E4.32/H4.32/R4.32				E6.40/R6.40			
Width index	B _{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B _{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B _{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B _{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.050	70	upon request	960.30.200	.075	102	960.30.150	960.30.200	.05	77	960.30.125	960.30.175	.040	64	upon request	960.30.175
.062	82	upon request	960.30.200	.087	114	960.30.175	960.30.225	.06	95	960.30.150	960.30.200	.060	74	960.30.125	960.30.175
.075	95	upon request	960.30.225	.100	127	960.30.175	960.30.225	.07	102	960.30.150	960.30.200	.062	86	960.30.150	960.30.200
.087	107	upon request	960.30.225	.108	135	960.30.200	960.30.250	.087	114	960.30.175	960.30.225	.070	94	960.30.150	960.30.200
.100	120	960.30.175	960.30.250	.112	140	960.30.200	960.30.250	.10	127	960.30.175	960.30.225	.075	99	960.30.150	960.30.200
.105	125	960.30.175	960.30.250	.125	152	960.30.200	960.30.250	.11	135	960.30.200	960.30.250	.087	111	960.30.175	960.30.225
.112	132	960.30.200	960.30.250	.137	165	960.30.225	960.30.275	.112	140	960.30.200	960.30.250	.100	124	960.30.175	960.30.225
.125	145	960.30.200	960.30.275	.150	177	960.30.225	960.30.275	.12	152	960.30.200	960.30.250	.125	149	960.30.200	960.30.250
.137	157	960.30.225	960.30.275	.162	190	960.30.250	960.30.300	.137	165	960.30.225	960.30.275	.150	174	960.30.225	960.30.275
.150	170	960.30.225	960.30.300	.168	195	960.30.250	960.30.300	.15	177	960.30.225	960.30.275	.175	199	960.30.250	960.30.300
.162	182	960.30.250	960.30.300	.175	202	960.30.250	960.30.300	.162	190	960.30.250	960.30.300	.200	224	960.30.275	960.30.325
.175	195	960.30.250	960.30.325	.187	215	960.30.275	960.30.325	.17	195	960.30.250	960.30.300	.225	249	960.30.300	960.30.350
.187	207	960.30.275	960.30.325	.200	227	960.30.275	960.30.325	.18	202	960.30.250	960.30.300	.250	274	960.30.325	960.30.375
.200	220	960.30.275	960.30.350	.212	240	960.30.300	960.30.350	.187	215	960.30.275	960.30.325	.275	299	960.30.350	960.30.400
.212	232	960.30.300	960.30.350	.225	252	960.30.300	960.30.350	.20	227	960.30.275	960.30.325	.300	324	960.30.375	960.30.425
.225	245	960.30.300	960.30.375	.237	265	960.30.325	960.30.375	.212	240	960.30.300	960.30.350				
.237	257	960.30.325	960.30.375	.250	277	960.30.325	960.30.375	.23	252	960.30.300	960.30.350				
.250	270	960.30.325	960.30.375	.262	290	960.30.350	960.30.400	.237	265	960.30.325	960.30.375				
.262	282	960.30.325	960.30.375	.275	302	960.30.350	960.30.400	.25	277	960.30.325	960.30.375				
.275	295	960.30.350	960.30.400	.287	315	960.30.375	960.30.425	.262	290	960.30.350	960.30.400				
.287	307	960.30.350	960.30.400	.300	327	960.30.375	960.30.425	.28	302	960.30.350	960.30.400				
.300	320	960.30.375	960.30.425	.312	340	960.30.400	960.30.450	.29	315	960.30.375	960.30.425				
.312	332	960.30.375	960.30.425	.325	352	960.30.400	960.30.450	.30	327	960.30.375	960.30.425				
.325	345	960.30.400	960.30.450	.337	365	960.30.425	960.30.475	.312	340	960.30.400	960.30.450				
.337	357	960.30.400	960.30.450	.350	377	960.30.425	960.30.475	.325	352	960.30.400	960.30.450				
.350	370	960.30.425	960.30.475	.362	390	960.30.450	960.30.500	.337	365	960.30.425	960.30.475				
.362	382	960.30.450	960.30.475	.375	402	960.30.450	960.30.500	.350	377	960.30.425	960.30.475				
.375	395	960.30.450	960.30.500	.387	415	960.30.475	960.30.525	.362	390	960.30.450	960.30.500				
.387	407	960.30.450	960.30.500	.400	427	960.30.475	960.30.525	.375	402	960.30.450	960.30.500				
.400	420	960.30.475	960.30.500					.387	415	960.30.475	960.30.525				
								.400	427	960.30.475	960.30.525				

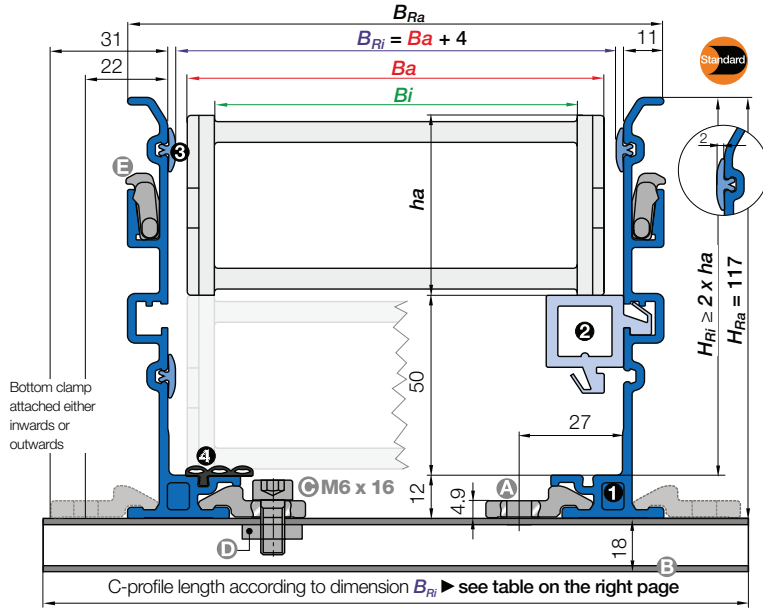
Heavy-duty version for high load applications

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 - You can configure the heavy-duty version at our online-catalogue
 - Installation set Part No. 972.50.
- More information ▶ www.igus.eu/alu-guide



For the following igus® series

- E2.1**
- E2.38
- E2/000**
- 2700
- E2 R**
- R58



Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.

	Part No.	Weight
Full trough side part set 1 2 3 4		
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	972.30.SLA ¹⁾	≈ 6.00kg
1 set of 2 trough side parts, incl. glide strips, with glide bars, 2m section	972.32.SL ²⁾	≈ 7.40kg
Full set		
1) For additional noise dampening strip, please add index A to the Part No. Example: 972.30.SLA		
2) 1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, upon request		
Full installation set A B C D E		
1 installation set without C-profile	960.30	≈ 0.06kg
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	960.30.XXX ³⁾	upon request
3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.30.200		
Components as individual parts, trough		
1) 1 trough side part, 2m section	72.11	≈ 2.94kg
2) 1 glide bar, 2m section	82.79 ⁴⁾	≈ 0.60kg
3) 1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
4) 1 noise dampening strip, 2m section	75.67.H.2000	≈ 0.16kg
4) High-speed glide bars, upon request		
Components as individual parts, installation set		
A) 1 bottom clamp, aluminium individual	75.40	≈ 0.03kg
B) 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
C) 1 screw M6 x 16, individual	MAT 0040209 / M6 x16	
D) 1 glide nut, individual	MAT 0040057 / M6	
E) 1 interface connector, individual	75.60	
5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.200.E. For stainless steel AISI 304, please add index E.		
Options		
Additional options for simple fastening without drilling		
1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ▶ Page 1304	972.80.4	
Trough clip for guiding cables on the outside of a aluminium SuperTrough More information ▶ Page 1307	SLC.40.17	

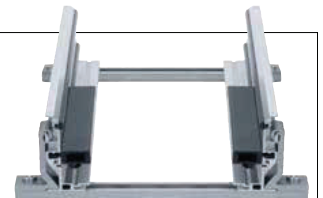
E2.38		2700		R58			
Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.50	71	upon request	960.30.175	.05	70	upon request	960.30.175
.65	86	960.30.150	960.30.200	.06	85	960.30.150	960.30.200
.75	96	960.30.150	960.30.200	.07	95	960.30.150	960.30.200
.90	111	960.30.175	960.30.225	.09	110	960.30.175	960.30.225
.100	121	960.30.175	960.30.225	.10	120	960.30.175	960.30.225
.125	146	960.30.200	960.30.250	.12	145	960.30.200	960.30.250
.150*	171	960.30.225	960.30.275	.15	170	960.30.225	960.30.275
.175	199	960.30.250	960.30.300	.17	198	960.30.250	960.30.300



Secure guidance without vibrations: due to the compact design of the aluminium SuperTrough, less space is required along the travel distance. Long travel crane; 32m travel, operating speed 80m/min.

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 - Installation set Part No. 972.50.
- More information** ▶ www.igus.eu/alu-guide



Aluminium SuperTrough | 973.30.SL | 973.31.SLH

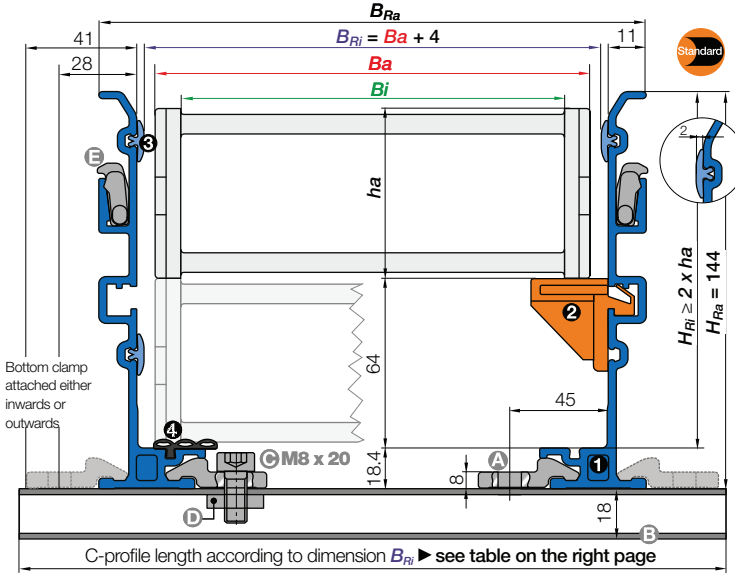
Trough height: 144mm | Product range

Easy to assemble and low-abrasion high-speed glide bar **New**

For the following igus® series

- E2.1**
- E2.48
- E2/000**
- 3500
- E2 R**
- R68
- E4.1L**
- E4.48L/R4.48L
- E4Q**
- E4Q.44/H4Q.44
- E4.1**
- E4.42/H4.42/R4.42
- E6**
- E6.52/R6.52

Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.



Full trough side part set ① ② ③ ④		Part No.	Weight
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section		973.30.SLA ¹⁾	≈ 8.00kg
1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, 2m section		973.31.SLH ²⁾	≈ 9.60kg
Full set			
1) For additional noise dampening strip, please add index A to the Part No. Example: 973.30.SLA			
2) 1 set of 2 trough side parts, incl. glide strips and with standard glide bars is still available: Part No. 973.31.SL			
Full installation set A B C D E		Part No.	Weight
1 installation set without C-profile		960.40	≈ 0.08kg
1 installation set with C-profile (C-profile length according to dimension B_{Ri})		960.40.XXX ³⁾	upon request
3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.40.200			

Components as individual parts, trough		Part No.	Weight
①	1 trough side part, 2m section	73.11	≈ 3.94kg
②	1 high-speed glide bar, 0.5m More information ► Page 1306	GB.31.500 ⁴⁾	≈ 0.18kg
③	1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
④	1 noise dampening strip, 2m section	75.68.H.2000	≈ 0.38kg

4) Conventional glide bar as individual part, 2m piece still available, Part No. 83.79

Components as individual parts, installation set		Part No.	Weight
A	1 bottom clamp, aluminium individual	75.50	≈ 0.04kg
B	1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
C	1 screw M6 x 16, individual	MAT 0040445 / M8 x 20	
D	1 glide nut, individual	MAT 0040413 / M8	
E	1 interface connector, individual	75.60	

5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.200.E. For stainless steel AISI 304, please add index E.

Additional options for simple fastening without drilling		Part No.
1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ► Page 1304		973.80.5 A) / 973.81.5 B)
Trough clip for guiding cables on the outside of a aluminium SuperTrough More information ► Page 1307		SLC.40.17

A) - for series 3500, R68 B) - for series E4.42/H4.42/R4.42, E4.48L/R4.48L, E6.52/R6.52

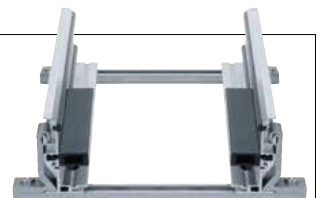
C-profile lengths (according to Dim. B_{Ri}) | Basic version

Bottom clamp attached either inwards or outwards

E2.48				3500				E4.48L/R4.48L				E4Q.44/H4Q.44				E4.42/H4.42/R4.42			
Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.050	76	upon request	960.40.200	.050	74	upon request	960.40.200	.050	74	upon request	960.40.200	.075	105	upon request	960.40.225	.05	80	upon request	960.40.200
.075	101	upon request	960.40.225	.075	99	upon request	960.40.225	.062	86	upon request	960.40.200	.087	118	upon request	960.40.250	.06	98	upon request	960.40.225
.100	126	960.40.175	960.40.250	.100	124	960.40.175	960.40.250	.075	99	upon request	960.40.225	.100	130	960.40.200	960.40.250	.07	105	upon request	960.40.225
.115	141	960.40.200	960.40.275	.115	139	960.40.200	960.40.275	.087	111	960.40.175	960.40.225	.108	138	960.40.200	960.40.275	.087	118	960.40.175	960.40.250
.125	151	960.40.200	960.40.275	.125	149	960.40.200	960.40.275	.100	124	960.40.175	960.40.250	.112	143	960.40.200	960.40.275	.10	130	960.40.200	960.40.250
.150	176	960.40.225	960.40.300	.150	174	960.40.225	960.40.300	.105	125	960.40.200	960.40.250	.125	155	960.40.225	960.40.275	.11	138	960.40.200	960.40.275
.175	201	960.40.250	960.40.325	.175	199	960.40.250	960.40.325	.112	136	960.40.200	960.40.250	.137	168	960.40.225	960.40.300	.112	143	960.40.200	960.40.275
.200	226	960.40.275	960.40.350	.200	224	960.40.275	960.40.350	.125	149	960.40.225	960.40.275	.150	180	960.40.250	960.40.300	.12	155	960.40.225	960.40.275
.225	251	960.40.300	960.40.375	.225	249	960.40.300	960.40.375	.137	161	960.40.225	960.40.275	.162	193	960.40.250	960.40.325	.137	168	960.40.225	960.40.300
.250	276	960.40.325	960.40.400	.250	274	960.40.325	960.40.400	.150	174	960.40.250	960.40.300	.168	198	960.40.250	960.40.325	.15	180	960.40.250	960.40.300
								.162	186	960.40.250	960.40.300	.175	205	960.40.275	960.40.325	.162	193	960.40.250	960.40.325
								.175	199	960.40.275	960.40.325	.187	218	960.40.275	960.40.350	.17	198	960.40.250	960.40.325
								.200	224	960.40.300	960.40.350	.212	243	960.40.300	960.40.375	.187	218	960.40.275	960.40.350
								.212	236	960.40.300	960.40.350	.225	255	960.40.325	960.40.375	.20	230	960.40.300	960.40.350
								.225	249	960.40.325	960.40.375	.237	268	960.40.325	960.40.400	.212	243	960.40.300	960.40.375
.050	72	upon request	960.40.200	.040	68	upon request	960.40.200	.237	261	960.40.325	960.40.375	.250	280	960.40.350	960.40.400	.23	255	960.40.325	960.40.375
.075	97	upon request	960.40.225	.060	78	upon request	960.40.200	.250	274	960.40.325	960.40.375	.262	293	960.40.350	960.40.425	.237	268	960.40.325	960.40.400
.100	122	960.40.175	960.40.250	.062	90	upon request	960.40.225	.262	282	960.40.325	960.40.375	.275	305	960.40.375	960.40.425	.25	280	960.40.350	960.40.400
.115	137	960.40.200	960.40.275	.070	98	upon request	960.40.225	.275	295	960.40.350	960.40.400	.287	318	960.40.375	960.40.450	.262	293	960.40.350	960.40.425
.125	147	960.40.200	960.40.275	.075	103	upon request	960.40.225	.287	307	960.40.350	960.40.400	.300	330	960.40.400	960.40.450	.28	305	960.40.375	960.40.425
.150	172	960.40.225	960.40.300	.087	115	upon request	960.40.250	.300	320	960.40.375	960.40.425	.312	343	960.40.400	960.40.475	.29	318	960.40.375	960.40.450
.175	197	960.40.250	960.40.325	.100	128	960.40.175	960.40.250	.312	332	960.40.375	960.40.425	.325	355	960.40.425	960.40.475	.30	330	960.40.400	960.40.450
.200	222	960.40.275	960.40.350	.125	153	960.40.200	960.40.275	.325	345	960.40.400	960.40.450	.337	368	960.40.425	960.40.500	.312	343	960.40.400	960.40.475
.225	247	960.40.300	960.40.375	.150	178	960.40.225	960.40.300	.337	357	960.40.400	960.40.450	.350	380	960.40.450	960.40.500	.325	355	960.40.425	960.40.475
.250	272	960.40.325	960.40.400	.175	203	960.40.250	960.40.325	.350	370	960.40.425	960.40.475	.362	393	960.40.450	960.40.525	.337	368	960.40.425	960.40.500
				.200	228	960.40.275	960.40.350	.362	382	960.40.450	960.40.475	.375	406	960.40.475	960.40.525	.350	380	960.40.450	960.40.500
				.225	253	960.40.300	960.40.375	.375	395	960.40.450	960.40.500	.387	418	960.40.475	960.40.550	.362	393	960.40.450	960.40.525
				.250	278	960.40.325	960.40.400	.387	407	960.40.450	960.40.500	.400	430	960.40.500	960.40.550	.375	406	960.40.475	960.40.525
				.275	303	960.40.350	960.40.425	.400	420	960.40.475	960.40.500					.387	418	960.40.475	960.40.550
				.300	328	960.40.375	960.40.450									.400	430	960.40.500	960.40.550

Heavy-duty version for high load applications

- This aluminium SuperTrough is also available for plant manufacturing with special heavy-duty brackets for secure connection
 - You can configure the heavy-duty version at our online-catalogue
 - Installation set Part No. 973.50.
- More information ► www.igus.eu/alu-guide**





For the following igus® series

E4.1L

- E4.64L

E4Q

- E4Q.58/H4Q.58

E4.1

- E4.56/H4.56/R4.56

E4/light

- 14040/14140/R18840

- 14240/14340

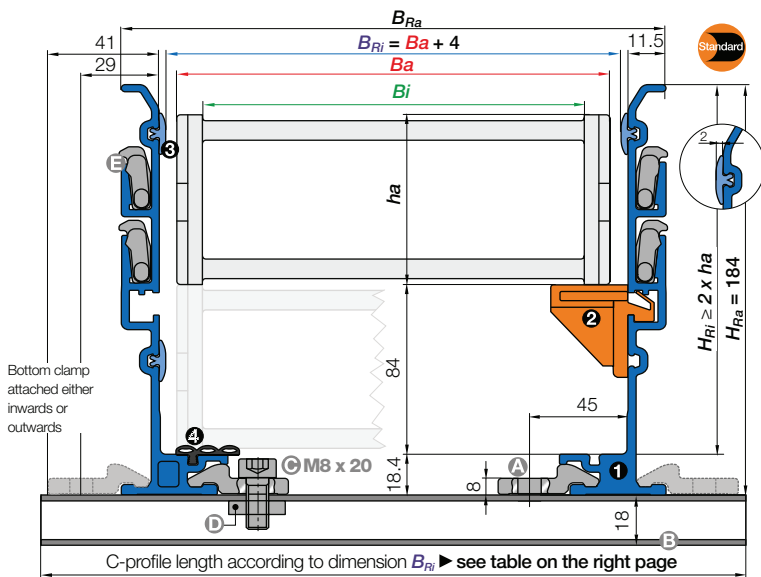
E6

- E6.62

E4/4HD**

- 4040HD/8840HD

Note: The inner width of the guide through and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.



C-profile length according to dimension B_{Ri} ▶ see table on the right page

Full set	Full trough side part set ① ② ③ ④		Part No.	Weight
		1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section		974.30.SLA ¹⁾
	1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, 2m section		974.31.SLH ²⁾	≈ 11.6kg
	1) For additional noise dampening strip, please add index A to the Part No. Example: 974.30.SLA			
	2) 1 set of 2 trough side parts, incl. glide strips and with standard glide bars is still available: Part No. 974.31.SL			
Full set	Full installation set A B C D E		Part No.	Weight
	1 installation set without C-profile		960.50	≈ 0.08kg
	1 installation set with C-profile (C-profile length according to dimension B_{Ri})		960.50.XXX ³⁾	upon request
	3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.50.200			

Individual parts	Components as individual parts, trough		Part No.	Weight
		①	1 trough side part, 2m section	74.11
	②	1 high-speed glide bar, 0.5m More information ▶ Page 1306	GB.31.500 ⁴⁾	≈ 0.18kg
	③	1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
	④	1 noise dampening strip, 2m section	75.68.H.2000	≈ 0.38kg
	4) Conventional glide bar as individual part, 2m piece still available, Part No. 83.79			
Individual parts	Components as individual parts, installation set		Part No.	Weight
	A	1 bottom clamp, aluminium individual	75.50	≈ 0.04kg
	B	1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.90kg/m
	C	1 screw M6 x 16, individual	MAT 0040445 / M8 x 20	
	D	1 glide nut, individual	MAT 0040413 / M8	
	E	1 interface connector, individual	75.60	
	5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.125.E. For stainless steel AISI 304, please add index E.			

Options	Additional options for simple fastening without drilling		Part No.
		1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ▶ Page 1304	974.80.5 A) / 974.81.5 B)
	Trough clip for guiding cables on the outside of a aluminium SuperTrough More information ▶ Page 1307	SLC.40.17	

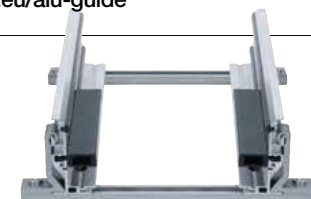
A) - for series E4.56/H4.56/R4.56, E6.62 B) - for series 14040/14140/R18840, 14240/14340



i E4/4HD** - we recommend the heavy-duty version for the 4040HD/8840HD series for heavy-duty applications You can configure it online at ▶ www.igus.eu/alu-guide

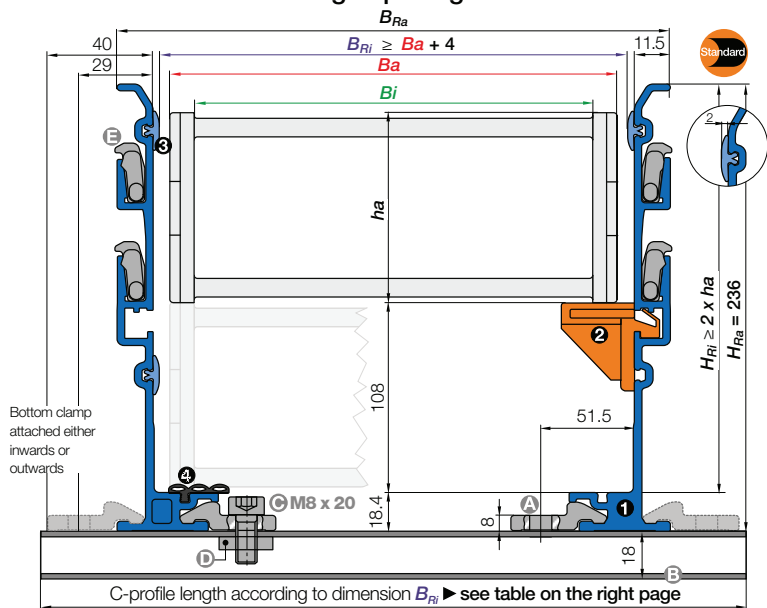
Heavy-duty version for high load applications

- This aluminium SuperTrough is also available for plant manufacturing with special heavy-duty brackets for secure connection
 - You can configure the heavy-duty version at our online-catalogue
 - Installation set Part No. 974.50.
- More information ▶** www.igus.eu/alu-guide



For the following igus® series

- E4Q**
- E4Q.82/H4Q.82
- E4.1**
- E4.80/H4.80/R4.80
- E4/light**
- 15050/15150/R19850
- 15250/15350
- E6**
- E6.80
- E4/4HD****
- 5050HD/9850HD



Note: The inner width of the guide trough and the C-profile length of the installation set can differ according to the bracket you choose. Please call us.

	Part No.	Weight
Full trough side part set ① ② ③ ④		
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	975.30.SLA 1)	≈ 14.0kg
1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars, 2m section	975.31.SLH 2)	≈ 15.4kg
Full set		
1) For additional noise dampening strip, please add index A to the Part No. Example: 975.30.SLA		
2) 1 set of 2 trough side parts, incl. glide strips and with standard glide bars is still available: Part No. 974.31.SL		
Full installation set A B C D E	Part No.	Weight
1 installation set without C-profile	960.50	≈ 0.08kg
1 installation set with C-profile (C-profile length according to dimension B_{RI})	960.50.XXX 3)	upon request
3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.50.250		

	Part No.	Weight
Components as individual parts, trough		
① 1 trough side part, 2m section	75.11	≈ 6.94kg
② 1 high-speed glide bar, 0.5m More information ▶ Page 1306	GB.31.500 4)	≈ 0.18kg
③ 1 glide strip, plastic, 2m section	75.01	≈ 0.06kg
④ 1 noise dampening strip, 2m section	75.68.H.2000	≈ 0.38kg

4) Conventional glide bar as individual part, 2m piece still available, Part No. **83.79**

	Part No.	Weight
Components as individual parts, installation set		
A 1 bottom clamp, aluminium individual	75.50	≈ 0.04kg
B 1 C-profile, individual (C-profile length according to dimension B_{RI})	92.52.XXX.E 5)	≈ 0.90kg/m
C 1 screw M6 x 16, individual	MAT 0040445 / M8 x 20	
D 1 glide nut, individual	MAT 0040413 / M8	
E 1 interface connector, individual	75.60	

5) Please add the C-profile length XXX as shown on the tables (right side). Example: **92.52.250.E**. For stainless steel AISI 304, please add index E.

	Part No.
Additional options for simple fastening without drilling	
1 fixed end module set to attach the e-chain® into the aluminium SuperTrough More information ▶ Page 1304	975.80 A) / 975.81 B)
Trough clip for guiding cables on the outside of a aluminium SuperTrough More information ▶ Page 1307	SLC.40.17

A) - for series E4.80/H4.80/R4.80, E6.80 B) - for series 15050/15150/R19850, 15250/15350

E4Q.82/H4Q.82				E4.80/H4.80/R4.80				15050/15150/R19850				15250/15350				E6.80			
Width index	B_{RI} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{RI} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{RI} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{RI} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{RI} [mm]	Part No. attached inwards	Part No. attached outwards
.100	154	960.50.225	960.50.275	.05	104	upon request	960.50.225	.05	84	upon request	960.50.200	.05	84	upon request	960.50.200	.05	98	upon request	960.50.225
.112	167	960.50.225	960.50.300	.06	119	upon request	960.50.225	.06	99	upon request	960.50.225	.06	102	upon request	960.50.225	.06	113	upon request	960.50.225
.125	179	960.50.250	960.50.300	.07	129	upon request	960.50.250	.07	109	upon request	960.50.225	.07	109	upon request	960.50.225	.07	123	upon request	960.50.250
.137	192	960.50.250	960.50.325	.08	141	960.50.200	960.50.275	.08	121	upon request	960.50.250	.08	121	upon request	960.50.250	.10	148	960.50.200	960.50.275
.150	204	960.50.275	960.50.325	.10	154	960.50.225	960.50.275	.10	134	upon request	960.50.250	.09	131	upon request	960.50.250	.11	160	960.50.225	960.50.275
.162	217	960.50.275	960.50.350	.11	167	960.50.225	960.50.300	.11	146	960.50.200	960.50.275	.10	134	upon request	960.50.250	.12	173	960.50.225	960.50.300
.175	229	960.50.300	960.50.350	.12	179	960.50.250	960.50.300	.12	159	960.50.225	960.50.275	.11	142	960.50.200	960.50.250	.13	185	960.50.250	960.50.300
.187	242	960.50.300	960.50.375	.13	192	960.50.250	960.50.325	.13	171	960.50.225	960.50.300	.112	147	960.50.200	960.50.275	.15	198	960.50.250	960.50.325
.200	254	960.50.325	960.50.375	.15	204	960.50.275	960.50.325	.15	184	960.50.250	960.50.300	.12	159	960.50.225	960.50.300	.16	210	960.50.275	960.50.325
.212	267	960.50.325	960.50.400	.16	217	960.50.275	960.50.350	.16	196	960.50.250	960.50.325	.137	171	960.50.225	960.50.300	.17	223	960.50.275	960.50.350
.225	279	960.50.350	960.50.400	.17	229	960.50.300	960.50.350	.17	209	960.50.275	960.50.325	.15	184	960.50.250	960.50.300	.18	235	960.50.300	960.50.350
.237	292	960.50.350	960.50.425	.18	242	960.50.300	960.50.375	.18	221	960.50.275	960.50.350	.162	197	960.50.250	960.50.325	.20	248	960.50.300	960.50.375
.250	304	960.50.375	960.50.425	.20	254	960.50.325	960.50.375	.20	234	960.50.300	960.50.350	.17	202	960.50.250	960.50.325	.21	260	960.50.325	960.50.375
.262	317	960.50.375	960.50.450	.21	267	960.50.325	960.50.400	.21	246	960.50.300	960.50.375	.18	209	960.50.275	960.50.325	.22	273	960.50.325	960.50.400
.275	329	960.50.400	960.50.450	.22	279	960.50.350	960.50.400	.22	259	960.50.325	960.50.375	.187	222	960.50.275	960.50.350	.23	285	960.50.350	960.50.400
.287	342	960.50.400	960.50.475	.23	292	960.50.350	960.50.425	.23	271	960.50.325	960.50.400	.20	234	960.50.300	960.50.350	.25	298	960.50.350	960.50.425
.300	354	960.50.425	960.50.475	.25	304	960.50.375	960.50.425	.25	284	960.50.350	960.50.400	.212	247	960.50.300	960.50.375	.26	310	960.50.375	960.50.425
.312	367	960.50.425	960.50.500	.26	317	960.50.375	960.50.450	.26	296	960.50.350	960.50.425	.23	259	960.50.325	960.50.375	.27	323	960.50.375	960.50.450
.325	379	960.50.450	960.50.500	.27	329	960.50.400	960.50.450	.27	309	960.50.375	960.50.450	.237	272	960.50.325	960.50.400	.28	335	960.50.400	960.50.450
.337	392	960.50.450	960.50.525	.28	342	960.50.400	960.50.475	.28	321	960.50.375	960.50.450	.25	284	960.50.350	960.50.400	.30	348	960.50.400	960.50.475
.350	404	960.50.475	960.50.525	.30	354	960.50.425	960.50.475	.30	334	960.50.400	960.50.450	.262	297	960.50.350	960.50.425	.31	360	960.50.425	960.50.475
.362	417	960.50.475	960.50.550	.31	367	960.50.425	960.50.500	.31	346	960.50.400	960.50.475	.28	309	960.50.375	960.50.425	.32	373	960.50.425	960.50.500
.375	429	960.50.500	960.50.550	.32	379	960.50.450	960.50.500	.32	359	960.50.425	960.50.475	.29	322	960.50.375	960.50.450	.33	385	960.50.450	960.50.500
.387	442	960.50.500	960.50.575	.33	392	960.50.450	960.50.525	.33	371	960.50.425	960.50.500	.30	334	960.50.400	960.50.450	.35	398	960.50.450	960.50.525
.400	454	960.50.525	960.50.575	.35	404	960.50.475	960.50.525	.35	384	960.50.450	960.50.500	.312	347	960.50.400	960.50.475	.36	410	960.50.475	960.50.525
.412	467	960.50.525	960.50.600	.36	417	960.50.475	960.50.550	.36	396	960.50.450	960.50.525	.325	359	960.50.425	960.50.475	.37	423	960.50.475	960.50.550
.425	479	960.50.550	960.50.600	.37	429	960.50.500	960.50.550	.37	409	960.50.475	960.50.525	.337	372	960.50.425	960.50.500	.38	435	960.50.500	960.50.550
.437	492	960.50.550	960.50.625	.38	442	960.50.500	960.50.575	.38	421	960.50.475	960.50.550	.350	384	960.50.450	960.50.500	.40	448	960.50.500	960.50.575
.450	504	960.50.575	960.50.625	.40	454	960.50.525	960.50.575	.40	434	960.50.500	960.50.550	.362	397	960.50.450	960.50.525	.41	460	960.50.525	960.50.575
.462	517	960.50.575	960.50.650	.41	467	960.50.525	960.50.600	.41	446	960.50.500	960.50.575	.375	409	960.50.475	960.50.525	.42	473	960.50.525	960.50.600
.475	529	960.50.600	960.50.650	.42	479	960.50.550	960.50.600	.42	459	960.50.525	960.50.575	.387	422	960.50.475	960.50.550	.43	485	960.50.550	960.50.600
.487	542	960.50.600	960.50.675	.43	492	960.50.550	960.50.625	.43	471	960.50.525	960.50.600	.400	434	960.50.500	960.50.550	.45	498	960.50.550	960.50.625
.500	554	960.50.625	960.50.675	.45	504	960.50.575	960.50.625	.45	484	960.50.550	960.50.600					.46	510	960.50.575	960.50.625
.512	567	960.50.625	960.50.700	.46	517	960.50.575	960.50.650	.46	496	960.50.550	960.50.625					.47	523	960.50.575	960.50.650
.525	579	960.50.650	960.50.700	.47	529	960.50.600	960.50.650	.47	509	960.50.575	960.50.625					.48	535	960.50.600	960.50.650
.537	592	960.50.650	960.50.725	.48	542	960.50.600	960.50.675	.48	521	960.50.575	960.50.650					.50	548	960.50.600	960.50.675
.550	604	960.50.675	960.50.725	.50	554	960.50.625	960.50.675	.50	534	960.50.600	960.50.650					.51	560	960.50.625	960.50.675
.562	616	960.50.675	960.50.725	.51	567	960.50.625	960.50.700	.51	546	960.50.600	960.50.675					.52	573	960.50.625	960.50.700
.575	629	960.50.675	960.50.750	.52	579	960.50.650	960.50.700	.52	559	960.50.625	960.50.675					.53	585	960.50.650	960.50.700
.587	641	960.50.700	960.50.750	.53	592	960.50.650	960.50.725	.53	571	960.50.625	960.50.675					.55	598	960.50.650	960.50.725
.600	654	960.50.725	960.50.775	.55	604	960.50.675	960.50.725	.55	584	960.50.650	960.50.700					.60	648	960.50.700	960.50.775
				.60	654	960.50.725	960.50.775	.60	634	960.50.700	960.50.750								