

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.

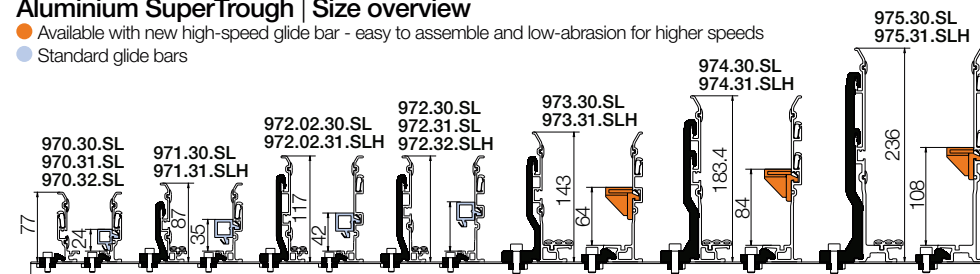


Available from stock. Ready to ship in 24 - 48hrs.*

*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

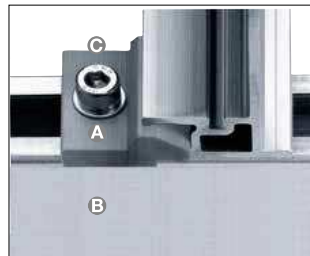
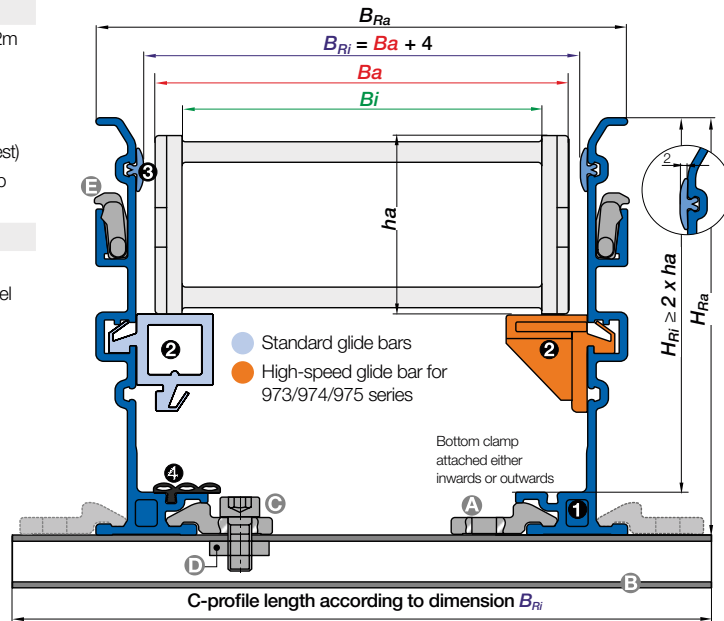
Components

- 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

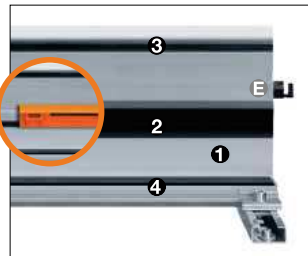
Components, installation set

- Ⓐ 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



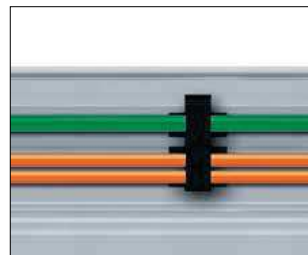
Optional noise dampening strips for additional noise reduction



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

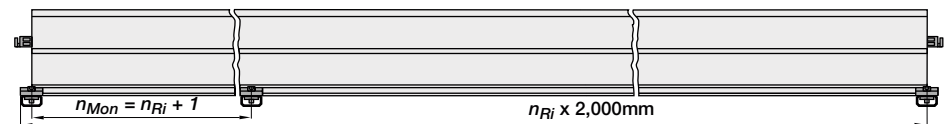
Configured according to your requirements



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



Order example: length of travel 30m - centre fixed for series 3500.100.200.0 with $B_{Ri} = 124$

1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	973.30.SL
Order text: 16m guide trough without glide bars (8 sets of 2m sections)	
1 set of 2 trough side parts, incl. glide strips, without glide bars, 2m section	973.31.SLH
Order text: 16m guide trough with glide bars (8 sets of 2m sections)	
Installation set basic complete (quantity: guide trough sets + 1)	960.40.175
Order text: 17 installation sets, basic	
Option: For additional noise dampening strip	973.30.SLA
Please add index A	
Option: Fixed end module for a quick and easy mounting	973.80.5
Order text: 1 set	
Option: Trough clip for fixed cable installation on the outside of the trough	SLC.40.17
Order text: 30 pieces	



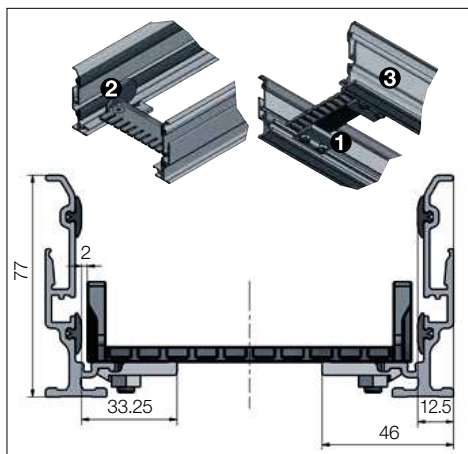
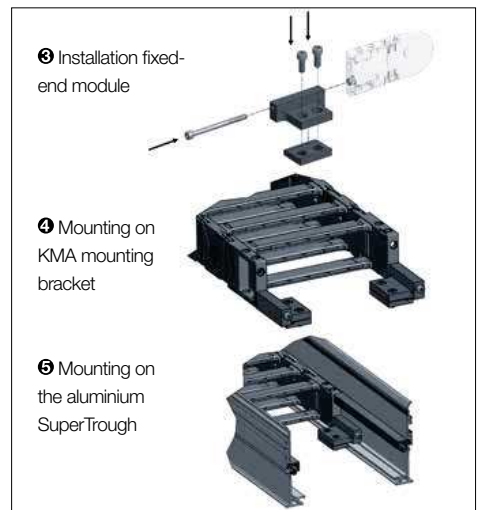
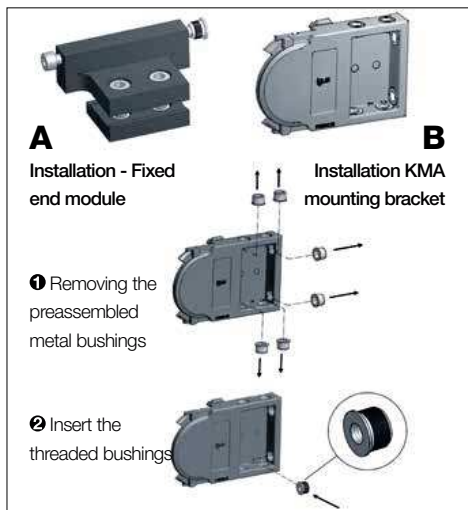
Calculation - travel centre fixed: half travel length, rounded to full 2m sections = X m.
 Guide trough length without glide bars + X m guide trough length with glide bars
 + installation set, basic (number of trough sets + 1)

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 Bi [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, R58	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.*
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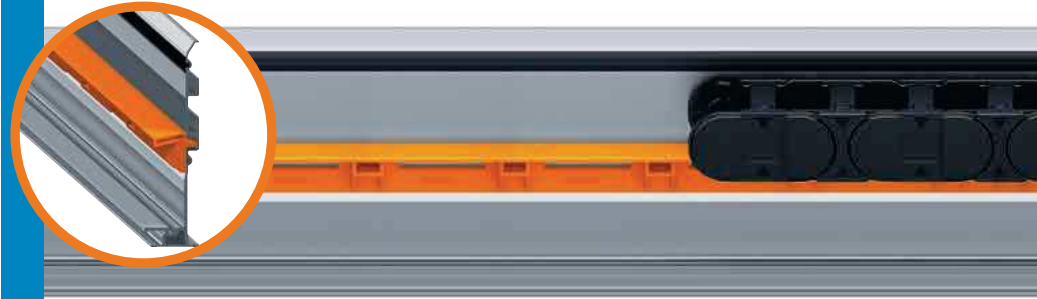


Fixed end module - simple fixing of the e-chain® without drilling



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**



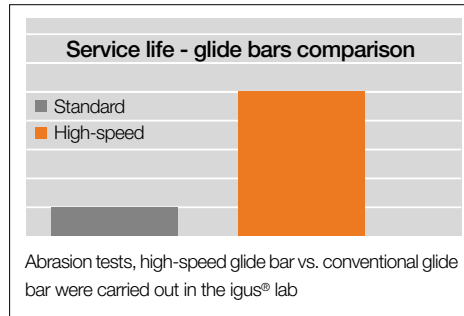
High-speed glide bar - the new standard for aluminium SuperTrough

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

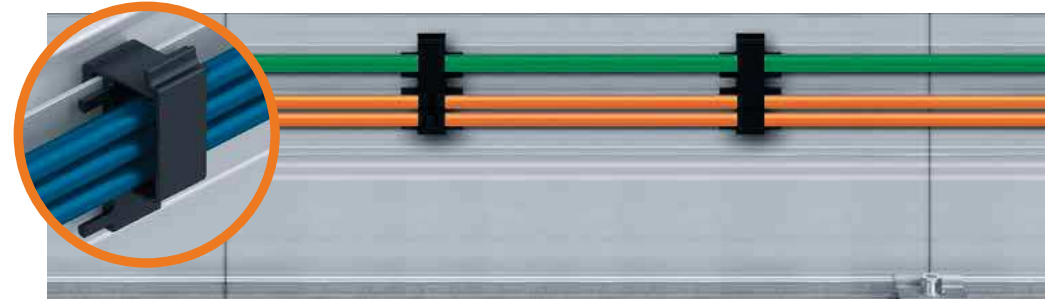
Aluminium SuperTrough Part No.	High-speed glide bar Part No.
973.31.SLH	GB.31.500
974.31.SLH	GB.31.500
975.31.SLH	GB.31.500



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**



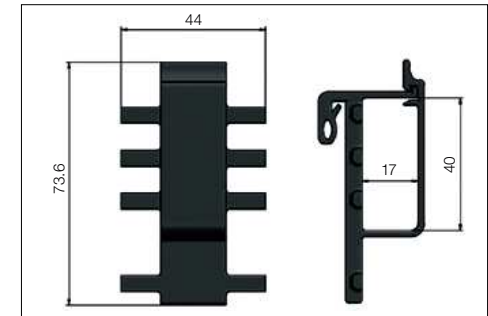
Trough clip - energy supply for static cables

- 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.*

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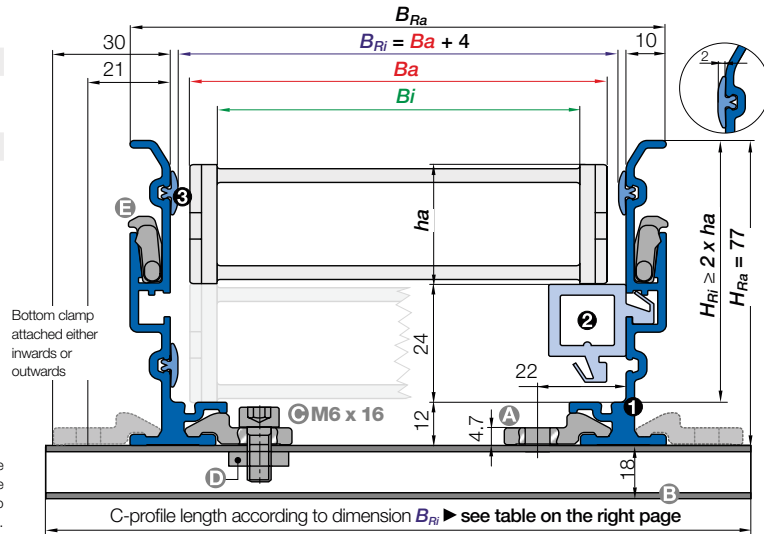
For the following igus® series

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.

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	≈ 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 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

Components as individual parts, trough

	Part No.	Weight
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

	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	

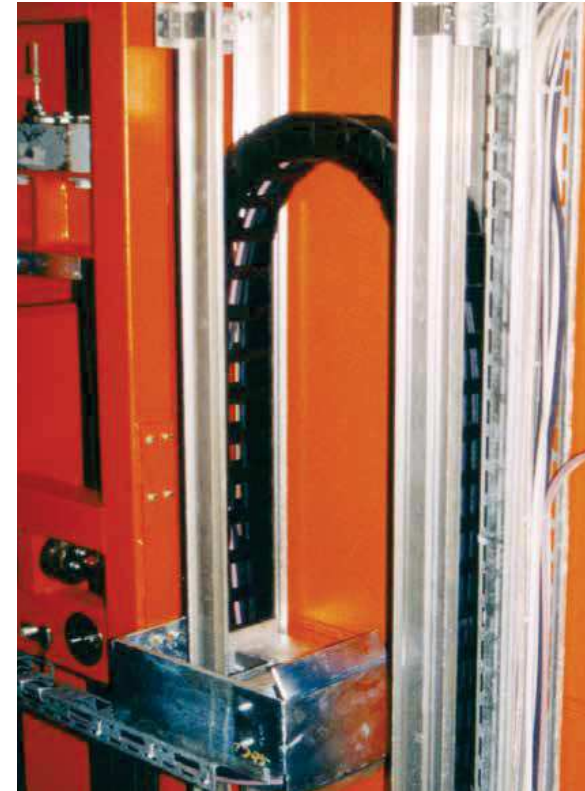
5) Please add the C-profile length XXX as shown on the tables (right side). Example: 92.52.125.E. For stainless steel AISI 304, please add index E.

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	970.80

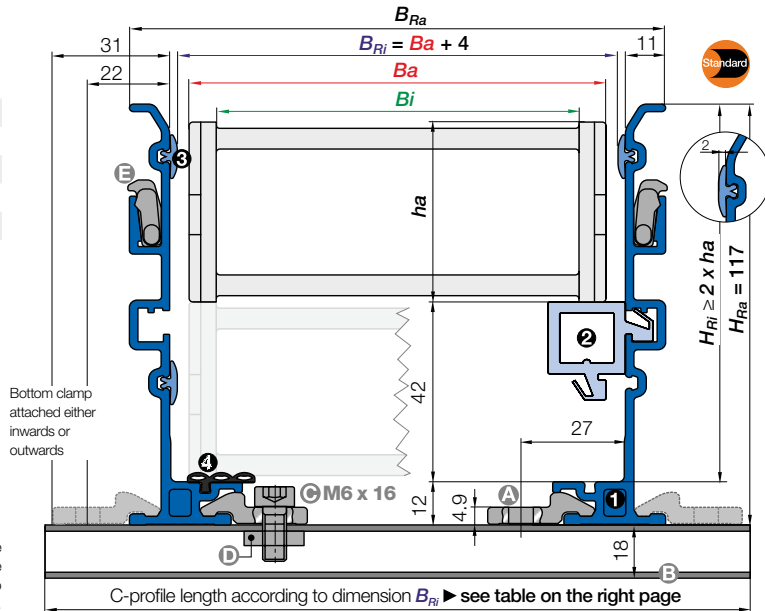
		B15		15		R15	
Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.015	30	upon request	960.30.125	.015	30	upon request	960.30.125
.025	40	upon request	960.30.150	.025	40	upon request	960.30.150
.038	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

- 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
Full set	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 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: 92.52.175.E. For stainless steel AISI 304, please add index E.		

	Additional options for simple fastening without drilling	
	Part No.	Weight
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]	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
.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

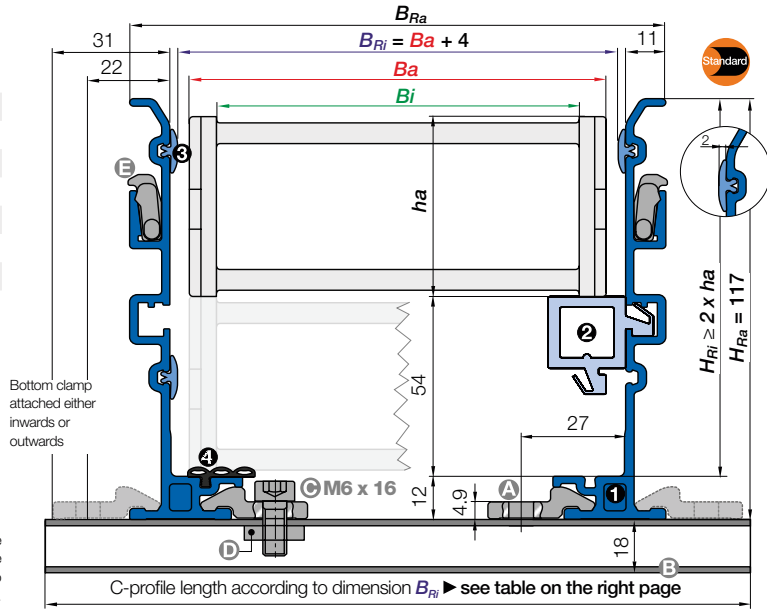
Heavy-duty version for high load applications

- 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. 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
			972.31.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		Part No.	Weight
	1 installation set without C-profile			
			960.30	≈ 0.06kg
			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
			82.79 ⁴⁾	≈ 0.60kg
			75.01	≈ 0.06kg
			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
			92.52.XXX.E ⁵⁾	≈ 0.90kg/m
			MAT 0040209 / M6 x16	
			MAT 0040057 / M6	
			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
			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	.050	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				

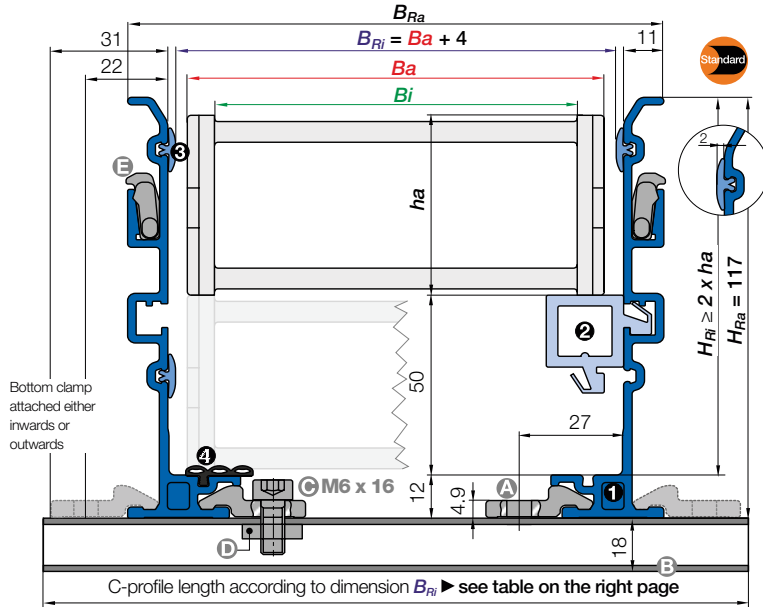
Heavy-duty version for high load applications

- This aluminium SuperTrough is also available for plant manufacturing with special heavy-duty brackets for secure connection
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 - 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.

Heavy-duty version for high load applications

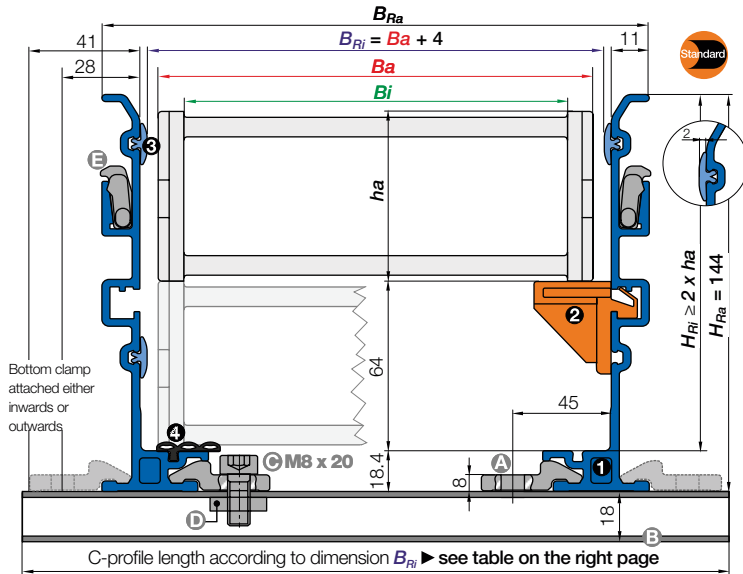
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 - Installation set Part No. 972.50.
- More information** ► www.igus.eu/alu-guide



For the following igus® series

- 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

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	960.40.175	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
								.187	211	960.40.275	960.40.325	.200	230	960.40.300	960.40.350	.18	205	960.40.275	960.40.325
								.212	243	960.40.300	960.40.375	.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	.050	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	960.40.350	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

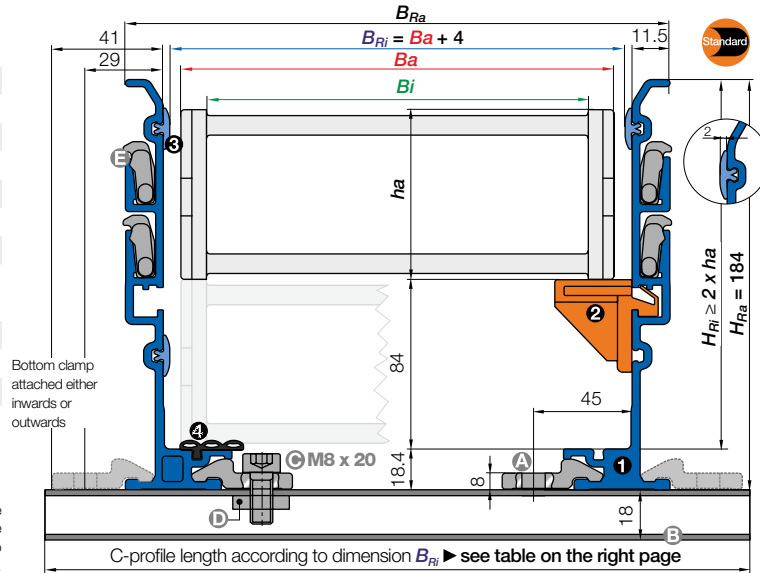
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 - Installation set Part No. 973.50
- More information ▶ www.igus.eu/alu-guide**



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 trough 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 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
	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	≈ 4.94kg
	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

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

E4Q.58/H4Q.58				E4.56/H4.56/R4.56				14040/14140/R18840				14240/14340				E6.62			
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	138	960.50.200	960.50.275	.05	88	upon request	960.50.225	.05	80	upon request	960.50.200	.05	80	upon request	960.50.200	.05	90	upon request	960.50.225
.112	151	960.50.200	960.50.275	.06	103	upon request	960.50.225	.06	95	upon request	960.50.200	.06	98	upon request	960.50.225	.06	108	upon request	960.50.225
.125	163	960.50.225	960.50.300	.07	113	upon request	960.50.250	.07	105	upon request	960.50.225	.07	105	upon request	960.50.225	.07	115	upon request	960.50.250
.137	176	960.50.225	960.50.300	.08	125	960.50.175	960.50.250	.08	117	960.50.175	960.50.225	.087	118	960.50.175	960.50.250	.087	127	960.50.175	960.50.250
.150	188	960.50.250	960.50.325	.10	138	960.50.200	960.50.275	.10	130	960.50.200	960.50.250	.10	130	960.50.200	960.50.250	.10	140	960.50.200	960.50.275
.162	201	960.50.250	960.50.325	.11	151	960.50.200	960.50.275	.11	143	960.50.200	960.50.275	.11	138	960.50.200	960.50.275	.11	148	960.50.200	960.50.275
.175	213	960.50.275	960.50.350	.12	163	960.50.225	960.50.300	.12	155	960.50.225	960.50.275	.112	143	960.50.200	960.50.275	.112	152	960.50.200	960.50.275
.187	226	960.50.275	960.50.350	.13	176	960.50.225	960.50.300	.13	168	960.50.225	960.50.300	.12	155	960.50.225	960.50.275	.12	165	960.50.225	960.50.300
.200	238	960.50.300	960.50.375	.15	188	960.50.250	960.50.325	.15	180	960.50.250	960.50.300	.137	168	960.50.250	960.50.300	.137	177	960.50.225	960.50.300
.212	251	960.50.300	960.50.375	.16	201	960.50.250	960.50.325	.16	193	960.50.250	960.50.325	.15	180	960.50.250	960.50.300	.15	190	960.50.250	960.50.325
.225	263	960.50.325	960.50.400	.17	213	960.50.275	960.50.350	.17	205	960.50.275	960.50.325	.162	193	960.50.250	960.50.325	.162	202	960.50.250	960.50.325
.237	276	960.50.325	960.50.400	.18	228	960.50.275	960.50.350	.18	218	960.50.275	960.50.350	.17	208	960.50.250	960.50.325	.17	208	960.50.275	960.50.325
.250	288	960.50.350	960.50.425	.20	238	960.50.300	960.50.375	.20	230	960.50.300	960.50.350	.18	219	960.50.275	960.50.325	.18	215	960.50.275	960.50.350
.262	301	960.50.350	960.50.425	.21	251	960.50.300	960.50.375	.21	243	960.50.300	960.50.375	.187	218	960.50.275	960.50.350	.187	227	960.50.275	960.50.350
.275	313	960.50.375	960.50.450	.22	263	960.50.325	960.50.400	.22	255	960.50.325	960.50.375	.20	230	960.50.300	960.50.350	.20	240	960.50.300	960.50.375
.287	326	960.50.375	960.50.450	.23	276	960.50.325	960.50.400	.23	268	960.50.325	960.50.400	.212	243	960.50.300	960.50.375	.212	252	960.50.300	960.50.375
.300	338	960.50.400	960.50.475	.25	288	960.50.350	960.50.425	.25	280	960.50.350	960.50.400	.23	255	960.50.325	960.50.375	.23	265	960.50.325	960.50.400
.312	351	960.50.400	960.50.475	.26	301	960.50.350	960.50.425	.26	293	960.50.350	960.50.425	.237	268	960.50.325	960.50.400	.237	277	960.50.325	960.50.400
.325	363	960.50.425	960.50.500	.27	313	960.50.375	960.50.450	.27	305	960.50.375	960.50.425	.25	280	960.50.350	960.50.400	.25	290	960.50.350	960.50.425
.337	376	960.50.425	960.50.500	.28	326	960.50.375	960.50.450	.28	318	960.50.375	960.50.450	.262	293	960.50.350	960.50.425	.262	302	960.50.350	960.50.425
.350	388	960.50.450	960.50.525	.30	338	960.50.400	960.50.475	.30	330	960.50.400	960.50.450	.28	305	960.50.375	960.50.425	.28	315	960.50.375	960.50.450
.362	401	960.50.450	960.50.525	.31	351	960.50.400	960.50.475	.31	343	960.50.400	960.50.475	.29	318	960.50.375	960.50.450	.29	327	960.50.375	960.50.450
.375	413	960.50.475	960.50.550	.32	363	960.50.425	960.50.500	.32	355	960.50.425	960.50.475	.30	330	960.50.400	960.50.450	.30	340	960.50.400	960.50.475
.387	426	960.50.475	960.50.550	.33	376	960.50.425	960.50.500	.33	368	960.50.425	960.50.500	.312	343	960.50.400	960.50.475	.312	352	960.50.400	960.50.475
.400	438	960.50.500	960.50.575	.35	388	960.50.450	960.50.525	.35	380	960.50.450	960.50.500	.325	355	960.50.425	960.50.475	.325	365	960.50.425	960.50.500
.412	451	960.50.500	960.50.575	.36	401	960.50.450	960.50.525	.36	393	960.50.450	960.50.525	.337	368	960.50.425	960.50.500	.337	377	960.50.425	960.50.500
.425	463	960.50.525	960.50.600	.37	413	960.50.475	960.50.550	.37	405	960.50.475	960.50.525	.350	380	960.50.450	960.50.500	.350	390	960.50.450	960.50.525
.437	476	960.50.525	960.50.600	.38	426	960.50.475	960.50.550	.38	418	960.50.475	960.50.550	.362	393	960.50.450	960.50.525	.362	402	960.50.450	960.50.525
.450	488	960.50.550	960.50.625	.40	438	960.50.500	960.50.575	.40	430	960.50.500	960.50.550	.375	405	960.50.475	960.50.525	.375	415	960.50.475	960.50.550
.462	501	960.50.550	960.50.625	.41	451	960.50.500	960.50.575	.41	443	960.50.500	960.50.575	.387	418	960.50.475	960.50.550	.387	427	960.50.475	960.50.550
.475	513	960.50.575	960.50.650	.42	463	960.50.525	960.50.600	.42	455	960.50.525	960.50.575	.400	430	960.50.500	960.50.550	.400	440	960.50.500	960.50.575
.487	526	960.50.575	960.50.650	.43	476	960.50.525	960.50.600	.43	468	960.50.525	960.50.600								
.500	538	960.50.600	960.50.675	.45	488	960.50.550	960.50.625	.45	480	960.50.550	960.50.600								
.512	551	960.50.600	960.50.675	.46	501	960.50.550	960.50.625	.46	493	960.50.550	960.50.625								
.525	563	960.50.625	960.50.700	.47	513	960.50.575	960.50.650	.47	505	960.50.575	960.50.625								
.537	576	960.50.625	960.50.700	.48	526	960.50.575	960.50.650	.48	518	960.50.575	960.50.650								
.550	588	960.50.650	960.50.725	.50	538	960.50.600	960.50.675	.50	530	960.50.600	960.50.650								
.562	600	960.50.650	960.50.725	.51	551	960.50.600	960.50.675	.51	543	960.50.600	960.50.675								
.575	613	960.50.675	960.50.725	.52	563	960.50.625	960.50.700	.52	555	960.50.625	960.50.675								
.587	625	960.50.675	960.50.750	.53	576	960.50.625	960.50.700	.53	568	960.50.625	960.50.700								
.60	638	960.50.700	960.50.775	.55	588	960.50.650	960.50.725	.55	580	960.50.650	960.50.700								
				.60	638	960.50.700	960.50.775	.60	630	960.50.700	960.50.750								

E4.64L			
Width index	B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.087	117	960.50.175	960.50.225
.100	130	960.50.225	960.50.275
.150	180	960.50.2	

